PROTEZIONE CIVILE
Presidenza del Consiglio dei Ministri
Dipartimento della Protezione Civile

Regione Emilia-Romagna

CONFERENZA DELLE REGIONI E DELLE PROVINCE AUTONOME

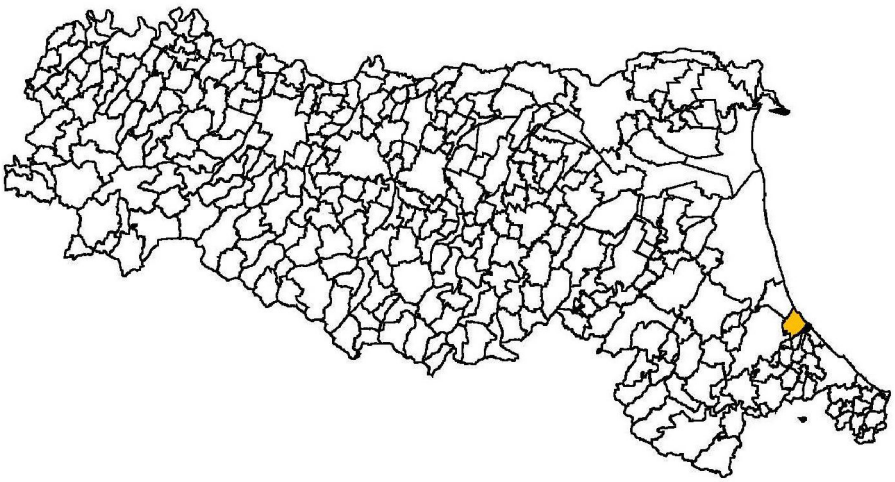
Attuazione dell'articolo 11 della legge 24 giugno 2009, n.77

MICROZONAZIONE SISMICA

Analisi del potenziale di liquefazione

Regione Emilia-Romagna

Comune di Cesenatico



Regione	Soggetto realizzatore	Data
Emilia-Romagna	Soggetto incaricato: Dott. Geol. Aldo Antoniazzi Collaboratori: Dott. Geol. Alberto Domenico Antoniazzi Dott. Geol. Marco Baldi Dott. Geol. Stefano Castagnetti Dott. Geol. Maurizio Moroni Dott. Geol. Francesco Stragapede Dott. Geol. Giovanni Leonasi Dott. Luca Castellucci	Ottobre 2023

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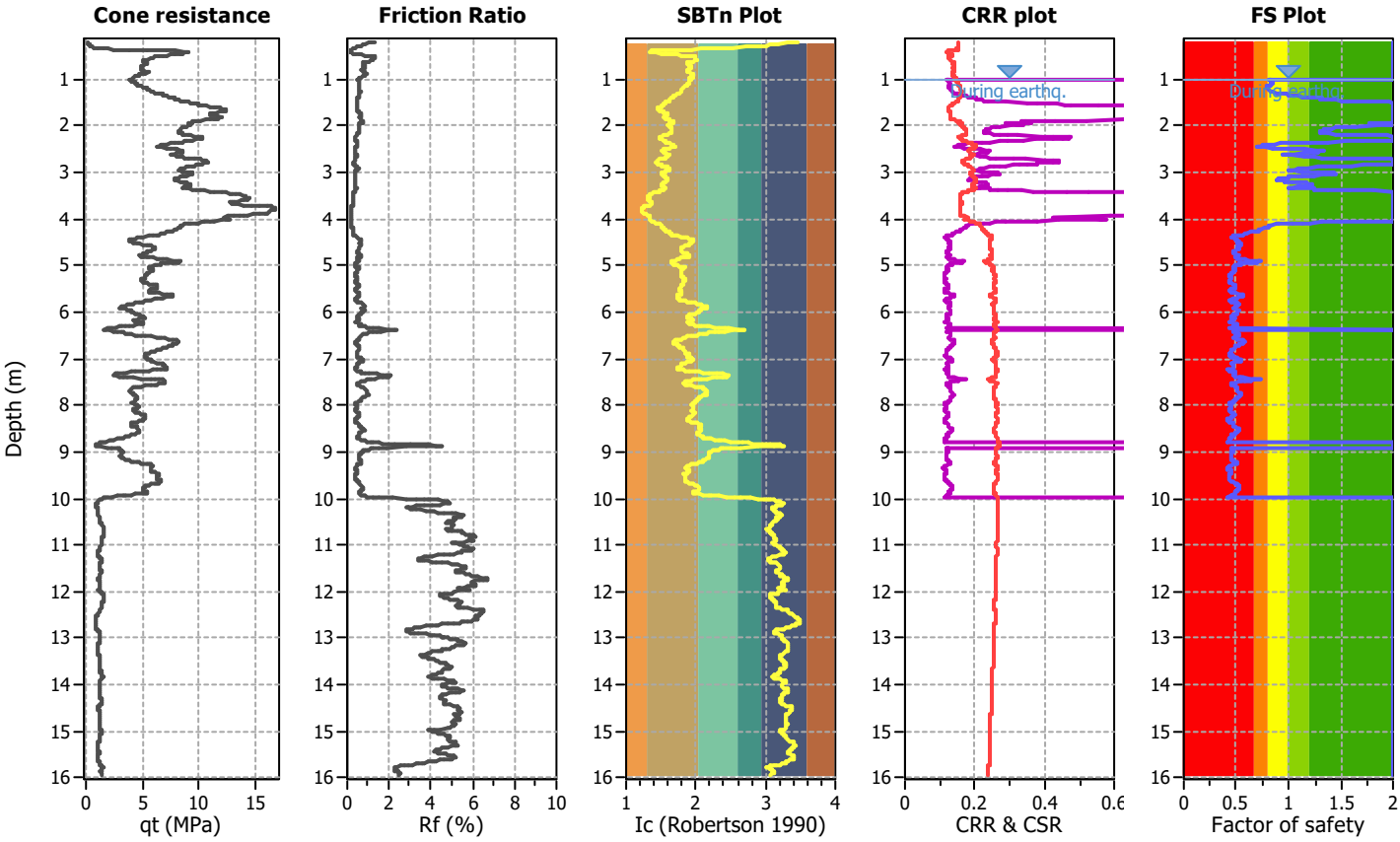
LIQUEFACTION ANALYSIS REPORT

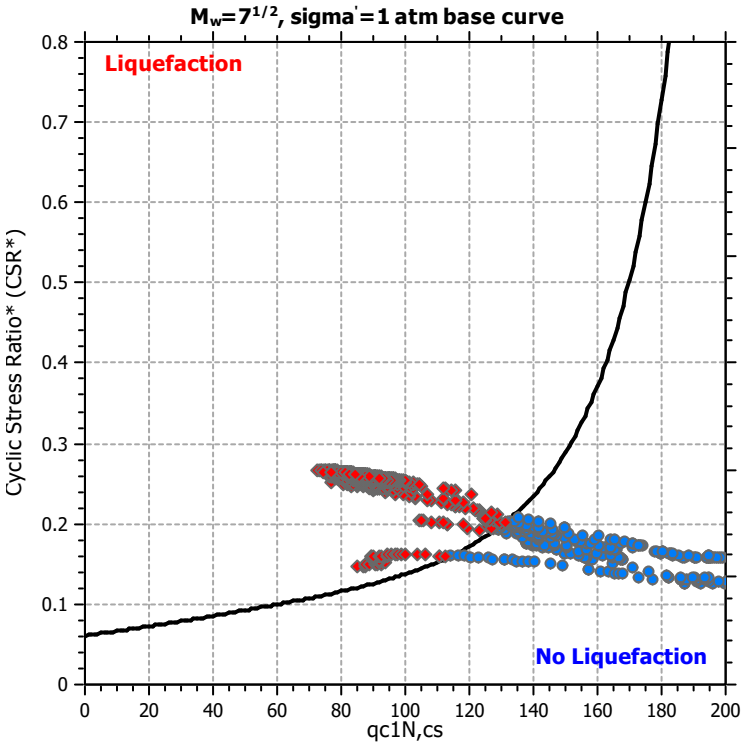
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

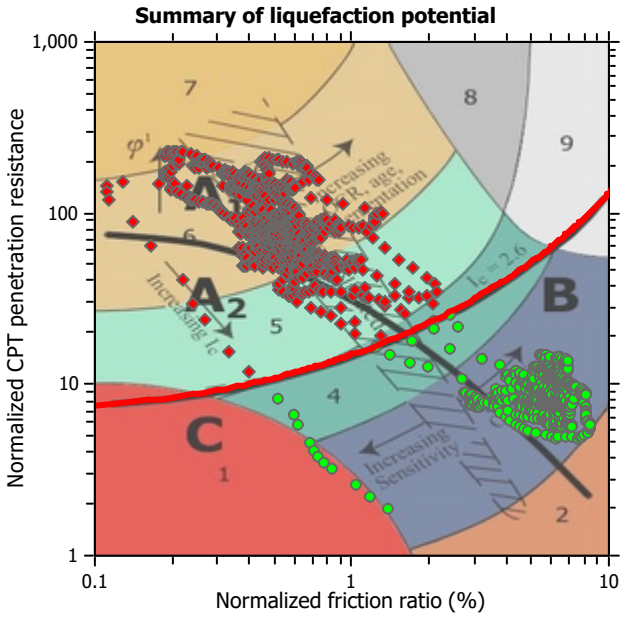
CPT file : 040008P195CPTU195

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

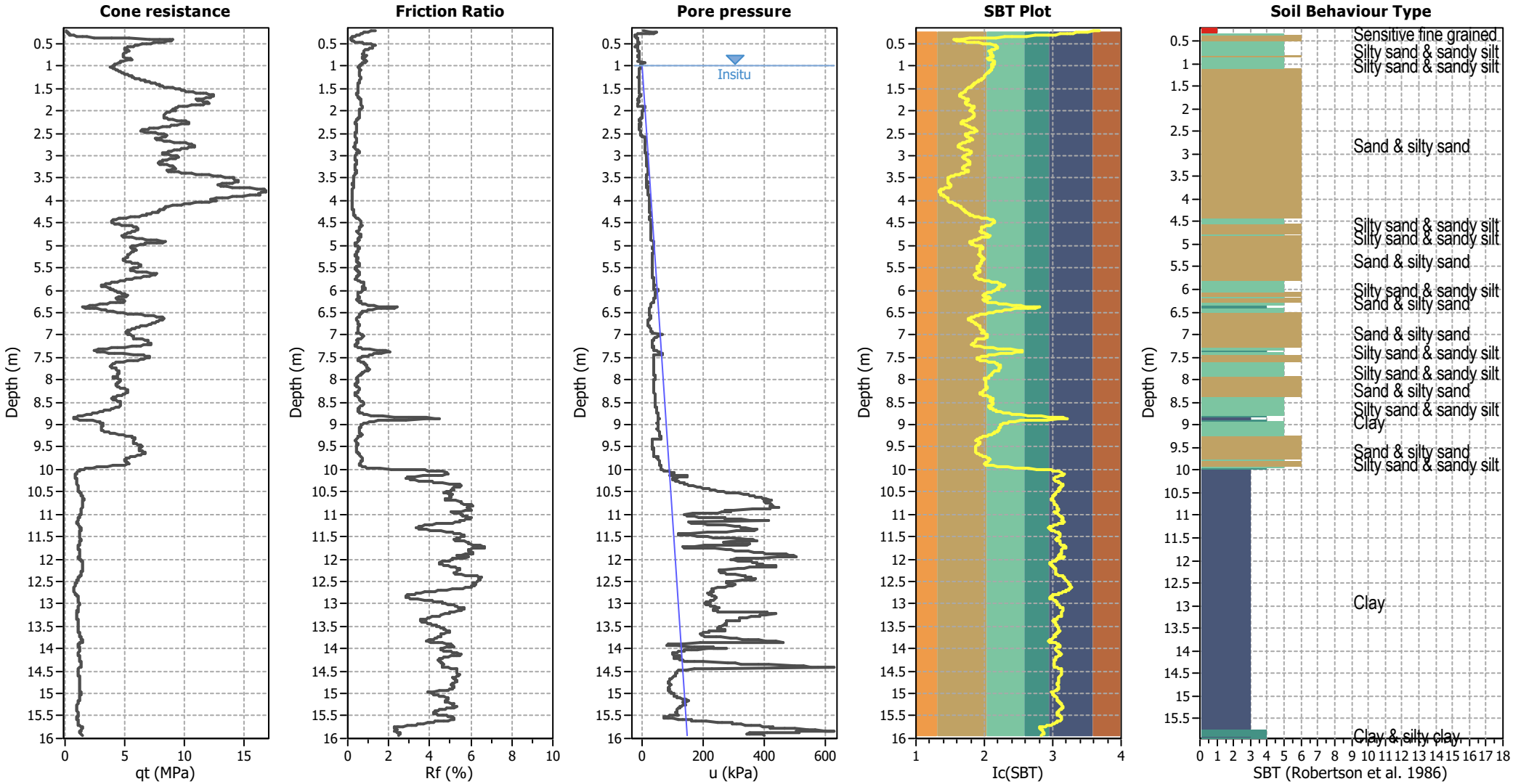






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



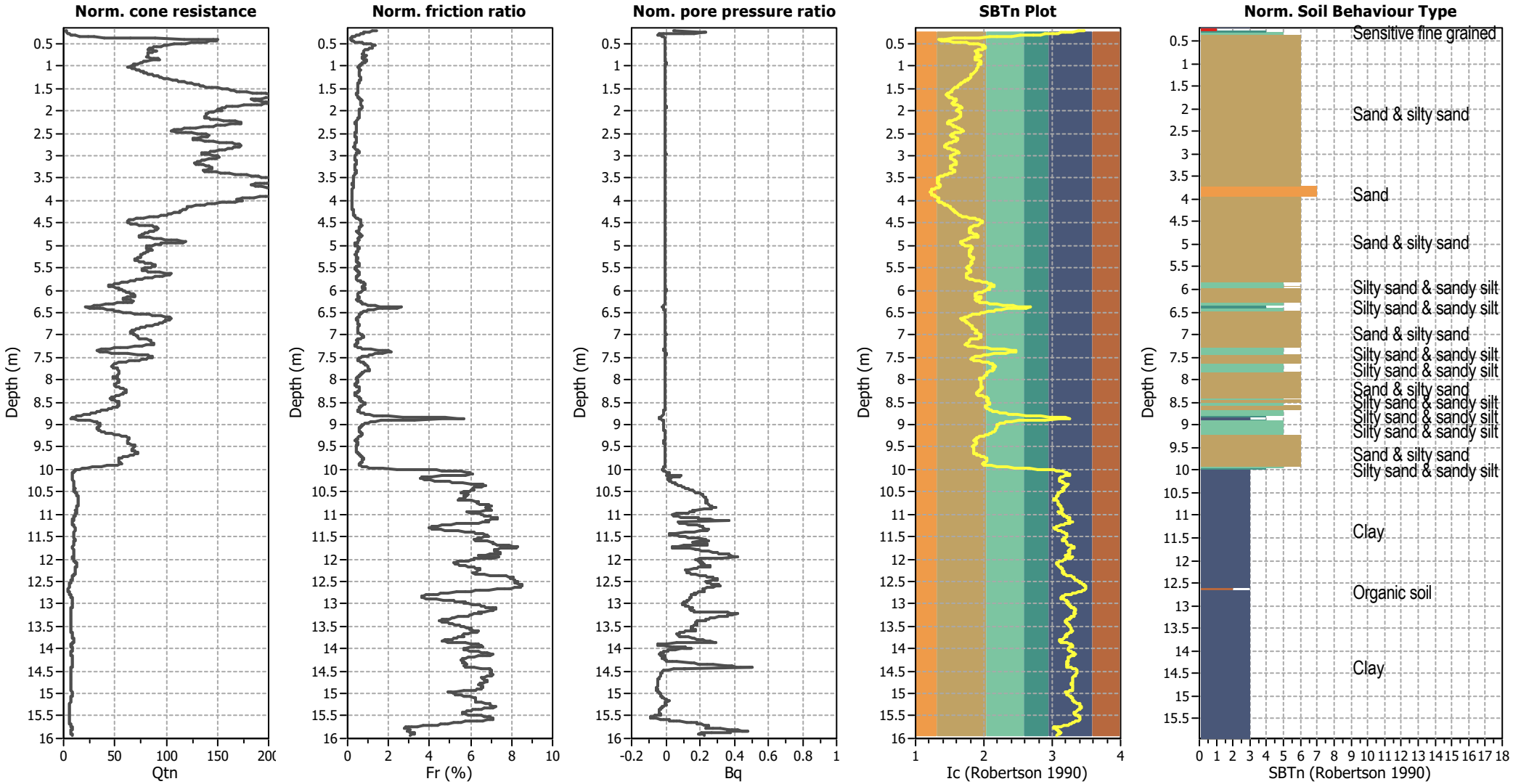
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



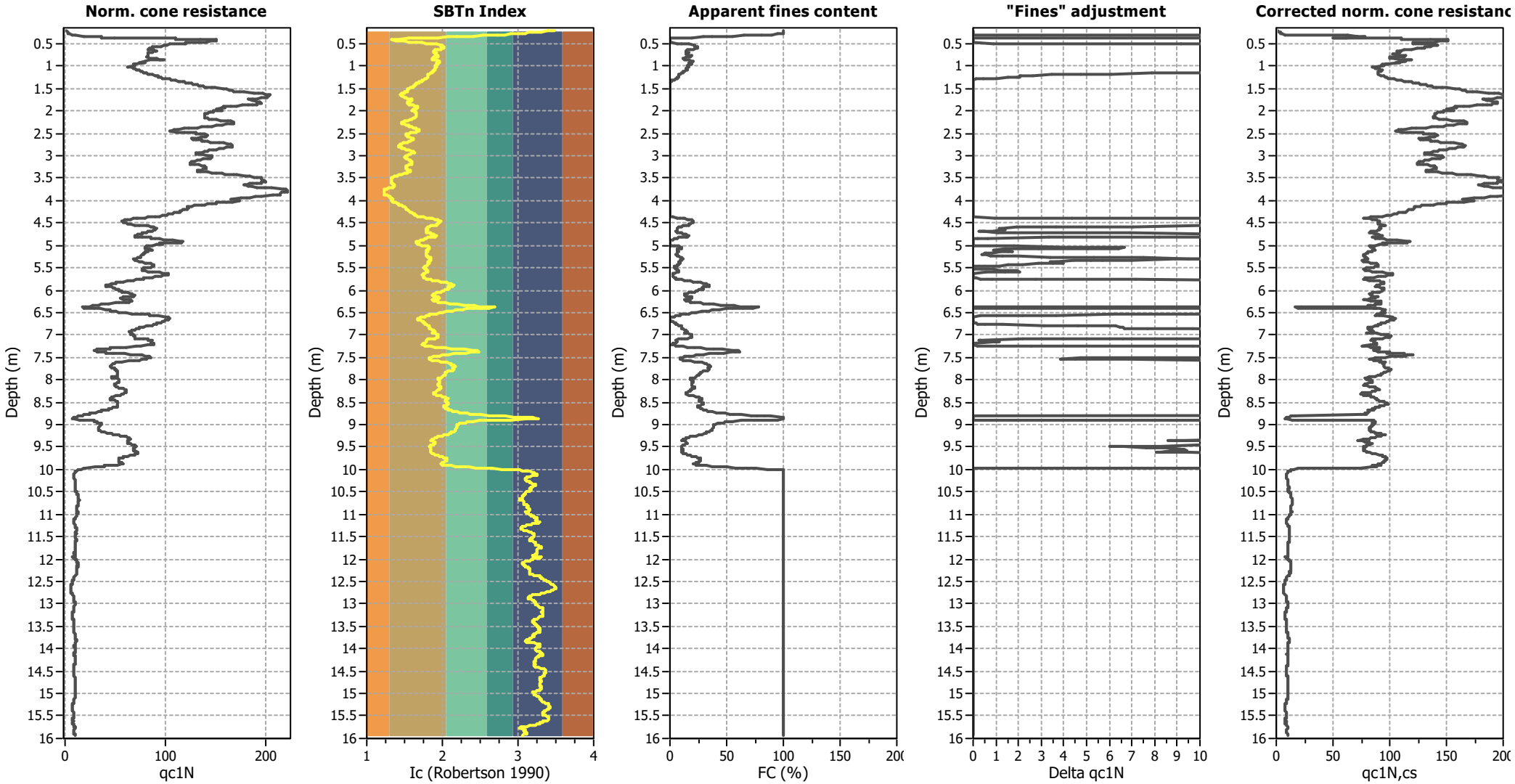
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

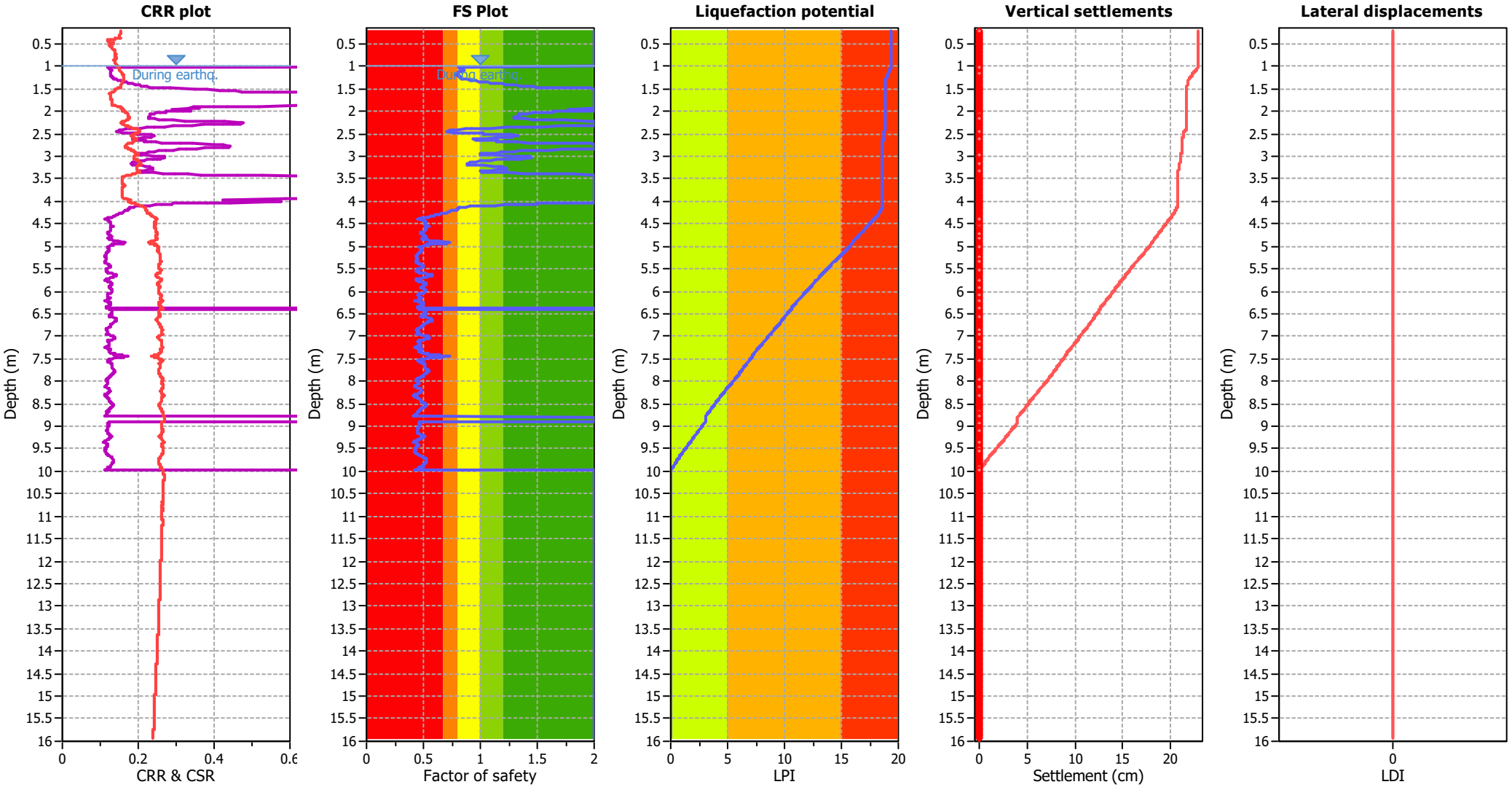
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

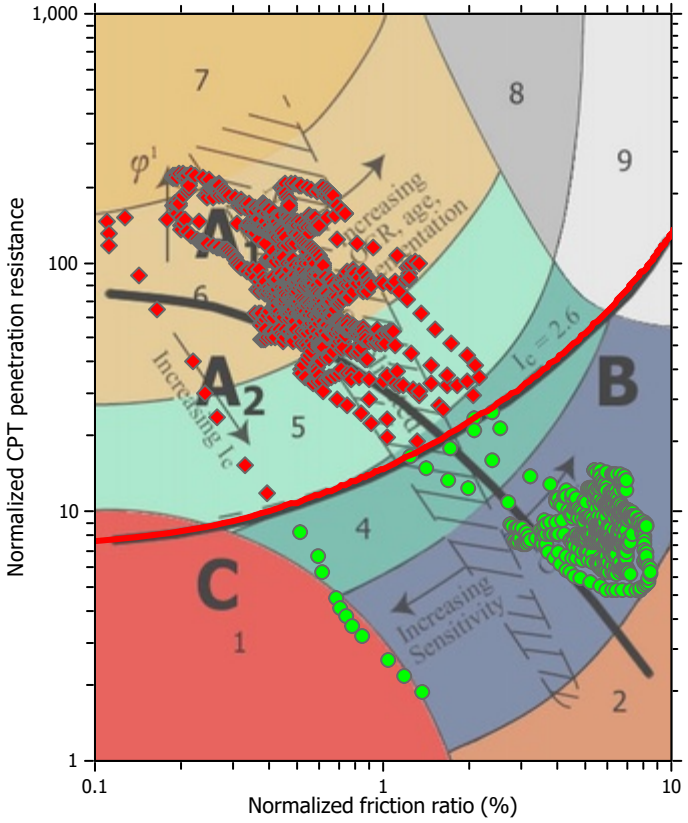
F.S. color scheme

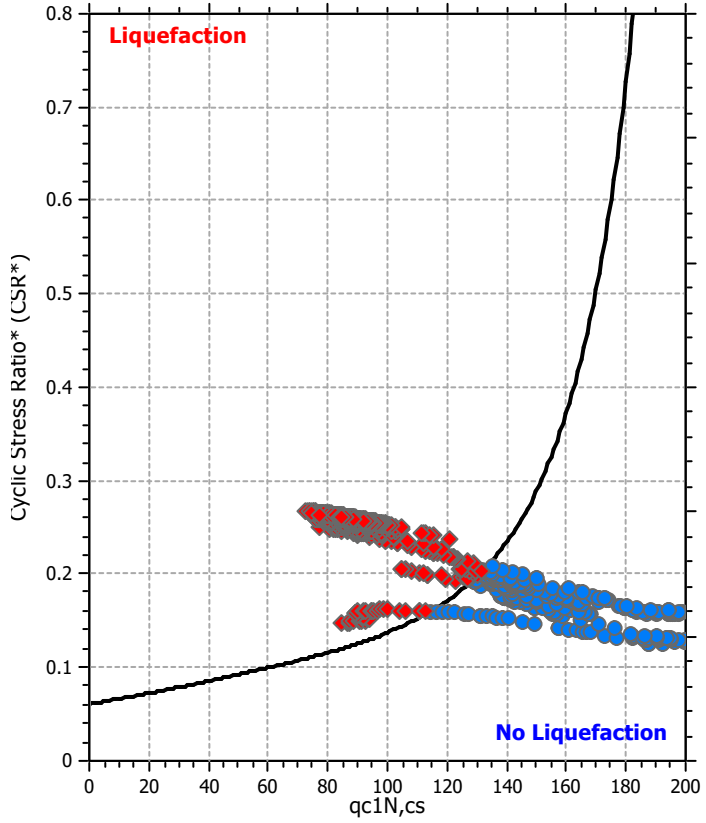
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

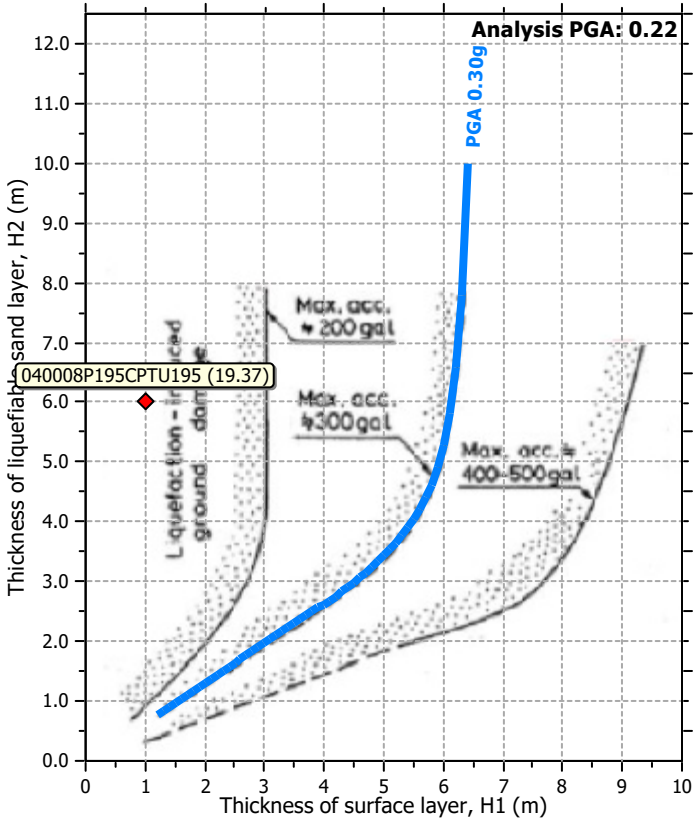
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



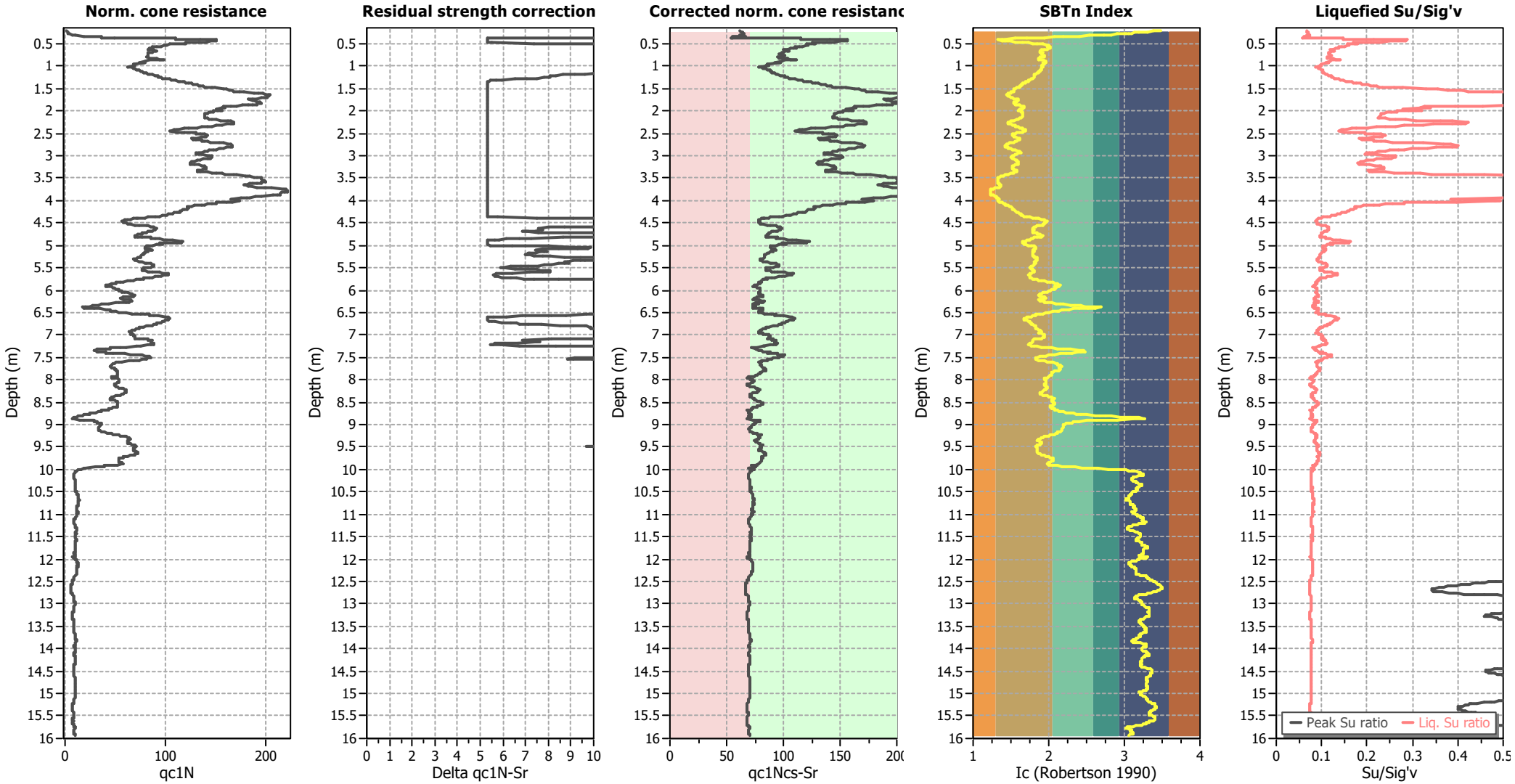




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	0.83	0.17	2.27	0.01	0.02	1.02	0.81	0.19	1.86	0.01	0.02
1.03	0.83	0.17	2.16	0.01	0.02	1.04	0.83	0.17	2.07	0.01	0.02
1.05	0.83	0.17	2.25	0.01	0.02	1.06	0.84	0.16	2.49	0.01	0.01
1.07	0.85	0.15	2.62	0.01	0.01	1.08	0.85	0.15	2.83	0.01	0.01
1.09	0.85	0.15	2.84	0.01	0.01	1.10	0.85	0.15	2.85	0.01	0.01
1.11	0.83	0.17	2.23	0.01	0.02	1.12	0.83	0.17	2.12	0.01	0.02
1.13	0.81	0.19	1.78	0.01	0.02	1.14	0.81	0.19	1.75	0.01	0.02
1.15	0.80	0.20	1.68	0.01	0.02	1.16	0.79	0.21	1.57	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.17	0.79	0.21	1.54	0.01	0.02	1.18	0.79	0.21	1.50	0.01	0.02
1.19	0.79	0.21	1.49	0.01	0.02	1.20	0.80	0.20	1.68	0.01	0.02
1.21	0.80	0.20	1.71	0.01	0.02	1.22	0.82	0.18	1.91	0.01	0.02
1.23	0.81	0.19	1.86	0.01	0.02	1.24	0.82	0.18	1.93	0.01	0.02
1.25	0.83	0.17	2.07	0.01	0.02	1.26	0.83	0.17	2.18	0.01	0.02
1.27	0.84	0.16	2.34	0.01	0.02	1.28	0.85	0.15	2.64	0.01	0.01
1.29	0.89	0.00	0.00	0.01	0.01	1.30	0.91	0.00	0.00	0.01	0.01
1.31	0.96	0.00	0.00	0.01	0.00	1.32	0.96	0.00	0.00	0.01	0.00
1.33	0.98	0.00	0.00	0.01	0.00	1.34	1.01	0.00	0.00	0.01	0.00
1.35	1.03	0.00	0.00	0.01	0.00	1.36	1.06	0.00	0.00	0.01	0.00
1.37	1.10	0.00	0.00	0.01	0.00	1.38	1.13	0.00	0.00	0.01	0.00
1.39	1.19	0.00	0.00	0.01	0.00	1.40	1.22	0.00	0.00	0.01	0.00
1.41	1.31	0.00	0.00	0.01	0.00	1.42	1.31	0.00	0.00	0.01	0.00
1.43	1.36	0.00	0.00	0.01	0.00	1.44	1.41	0.00	0.00	0.01	0.00
1.45	1.46	0.00	0.00	0.01	0.00	1.46	1.51	0.00	0.00	0.01	0.00
1.47	1.57	0.00	0.00	0.01	0.00	1.48	1.78	0.00	0.00	0.01	0.00
1.49	1.96	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	2.00	0.00	0.00	0.01	0.00
1.57	2.00	0.00	0.00	0.01	0.00	1.58	2.00	0.00	0.00	0.01	0.00
1.59	2.00	0.00	0.00	0.01	0.00	1.60	2.00	0.00	0.00	0.01	0.00
1.61	2.00	0.00	0.00	0.01	0.00	1.62	2.00	0.00	0.00	0.01	0.00
1.63	2.00	0.00	0.00	0.01	0.00	1.64	2.00	0.00	0.00	0.01	0.00
1.65	2.00	0.00	0.00	0.01	0.00	1.66	2.00	0.00	0.00	0.01	0.00
1.67	2.00	0.00	0.00	0.01	0.00	1.68	2.00	0.00	0.00	0.01	0.00
1.69	2.00	0.00	0.00	0.01	0.00	1.70	2.00	0.00	0.00	0.01	0.00
1.71	2.00	0.00	0.00	0.01	0.00	1.72	2.00	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	2.00	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	2.00	0.00	0.00	0.01	0.00	1.80	2.00	0.00	0.00	0.01	0.00
1.81	2.00	0.00	0.00	0.01	0.00	1.82	2.00	0.00	0.00	0.01	0.00
1.83	2.00	0.00	0.00	0.01	0.00	1.84	2.00	0.00	0.00	0.01	0.00
1.85	2.00	0.00	0.00	0.01	0.00	1.86	2.00	0.00	0.00	0.01	0.00
1.87	2.00	0.00	0.00	0.01	0.00	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00
1.93	2.00	0.00	0.00	0.01	0.00	1.94	2.00	0.00	0.00	0.01	0.00
1.95	1.77	0.00	0.00	0.01	0.00	1.96	1.77	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	2.00	0.00	0.00	0.01	0.00	2.00	1.87	0.00	0.00	0.01	0.00
2.01	1.64	0.00	0.00	0.01	0.00	2.02	1.64	0.00	0.00	0.01	0.00
2.03	1.53	0.00	0.00	0.01	0.00	2.04	1.46	0.00	0.00	0.01	0.00
2.05	1.41	0.00	0.00	0.01	0.00	2.06	1.37	0.00	0.00	0.01	0.00
2.07	1.33	0.00	0.00	0.01	0.00	2.08	1.34	0.00	0.00	0.01	0.00
2.09	1.34	0.00	0.00	0.01	0.00	2.10	1.34	0.00	0.00	0.01	0.00
2.11	1.32	0.00	0.00	0.01	0.00	2.12	1.30	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.13	1.30	0.00	0.00	0.01	0.00	2.14	1.29	0.00	0.00	0.01	0.00
2.15	1.30	0.00	0.00	0.01	0.00	2.16	1.39	0.00	0.00	0.01	0.00
2.17	1.39	0.00	0.00	0.01	0.00	2.18	1.46	0.00	0.00	0.01	0.00
2.19	1.58	0.00	0.00	0.01	0.00	2.20	1.74	0.00	0.00	0.01	0.00
2.21	1.95	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	1.71	0.00	0.00	0.01	0.00
2.33	1.70	0.00	0.00	0.01	0.00	2.34	1.54	0.00	0.00	0.01	0.00
2.35	1.37	0.00	0.00	0.01	0.00	2.36	1.21	0.00	0.00	0.01	0.00
2.37	1.09	0.00	0.00	0.01	0.00	2.38	0.93	0.00	0.00	0.01	0.01
2.39	0.87	0.00	0.00	0.01	0.01	2.40	0.79	0.21	1.58	0.01	0.02
2.41	0.79	0.21	1.57	0.01	0.02	2.42	0.76	0.24	1.29	0.01	0.02
2.43	0.74	0.26	1.10	0.01	0.02	2.44	0.71	0.29	0.97	0.01	0.03
2.45	0.70	0.30	0.92	0.01	0.03	2.46	0.70	0.30	0.93	0.01	0.03
2.47	0.77	0.23	1.36	0.01	0.02	2.48	0.84	0.16	2.53	0.01	0.01
2.49	1.03	0.00	0.00	0.01	0.00	2.50	1.03	0.00	0.00	0.01	0.00
2.51	1.15	0.00	0.00	0.01	0.00	2.52	1.27	0.00	0.00	0.01	0.00
2.53	1.34	0.00	0.00	0.01	0.00	2.54	1.33	0.00	0.00	0.01	0.00
2.55	1.30	0.00	0.00	0.01	0.00	2.56	1.29	0.00	0.00	0.01	0.00
2.57	1.28	0.00	0.00	0.01	0.00	2.58	1.24	0.00	0.00	0.01	0.00
2.59	1.15	0.00	0.00	0.01	0.00	2.60	1.05	0.00	0.00	0.01	0.00
2.61	0.98	0.00	0.00	0.01	0.00	2.62	0.94	0.00	0.00	0.01	0.01
2.63	0.97	0.00	0.00	0.01	0.00	2.64	1.02	0.00	0.00	0.01	0.00
2.65	1.15	0.00	0.00	0.01	0.00	2.66	1.14	0.00	0.00	0.01	0.00
2.67	1.19	0.00	0.00	0.01	0.00	2.68	1.25	0.00	0.00	0.01	0.00
2.69	1.32	0.00	0.00	0.01	0.00	2.70	1.43	0.00	0.00	0.01	0.00
2.71	1.78	0.00	0.00	0.01	0.00	2.72	1.98	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	1.85	0.00	0.00	0.01	0.00
2.85	1.73	0.00	0.00	0.01	0.00	2.86	1.60	0.00	0.00	0.01	0.00
2.87	1.49	0.00	0.00	0.01	0.00	2.88	1.35	0.00	0.00	0.01	0.00
2.89	1.29	0.00	0.00	0.01	0.00	2.90	1.19	0.00	0.00	0.01	0.00
2.91	1.18	0.00	0.00	0.01	0.00	2.92	1.14	0.00	0.00	0.01	0.00
2.93	1.09	0.00	0.00	0.01	0.00	2.94	1.05	0.00	0.00	0.01	0.00
2.95	1.00	0.00	0.00	0.01	0.00	2.96	1.00	0.00	0.00	0.01	0.00
2.97	1.06	0.00	0.00	0.01	0.00	2.98	1.13	0.00	0.00	0.01	0.00
2.99	1.27	0.00	0.00	0.01	0.00	3.00	1.33	0.00	0.00	0.01	0.00
3.01	1.43	0.00	0.00	0.01	0.00	3.02	1.43	0.00	0.00	0.01	0.00
3.03	1.44	0.00	0.00	0.01	0.00	3.04	1.42	0.00	0.00	0.01	0.00
3.05	1.36	0.00	0.00	0.01	0.00	3.06	1.31	0.00	0.00	0.01	0.00
3.07	1.25	0.00	0.00	0.01	0.00	3.08	1.14	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.09	1.09	0.00	0.00	0.01	0.00	3.10	1.01	0.00	0.00	0.01	0.00
3.11	1.00	0.00	0.00	0.01	0.00	3.12	0.96	0.00	0.00	0.01	0.00
3.13	0.93	0.00	0.00	0.01	0.01	3.14	0.91	0.00	0.00	0.01	0.01
3.15	0.89	0.00	0.00	0.01	0.01	3.16	0.89	0.00	0.00	0.01	0.01
3.17	0.88	0.00	0.00	0.01	0.01	3.18	0.89	0.00	0.00	0.01	0.01
3.19	0.97	0.00	0.00	0.01	0.00	3.20	0.96	0.00	0.00	0.01	0.00
3.21	1.03	0.00	0.00	0.01	0.00	3.22	1.11	0.00	0.00	0.01	0.00
3.23	1.17	0.00	0.00	0.01	0.00	3.24	1.19	0.00	0.00	0.01	0.00
3.25	1.19	0.00	0.00	0.01	0.00	3.26	1.20	0.00	0.00	0.01	0.00
3.27	1.23	0.00	0.00	0.01	0.00	3.28	1.23	0.00	0.00	0.01	0.00
3.29	1.21	0.00	0.00	0.01	0.00	3.30	1.15	0.00	0.00	0.01	0.00
3.31	1.09	0.00	0.00	0.01	0.00	3.32	1.03	0.00	0.00	0.01	0.00
3.33	1.00	0.00	0.00	0.01	0.00	3.34	1.01	0.00	0.00	0.01	0.00
3.35	1.06	0.00	0.00	0.01	0.00	3.36	1.24	0.00	0.00	0.01	0.00
3.37	1.24	0.00	0.00	0.01	0.00	3.38	1.39	0.00	0.00	0.01	0.00
3.39	1.58	0.00	0.00	0.01	0.00	3.40	1.81	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	2.00	0.00	0.00	0.01	0.00	3.62	2.00	0.00	0.00	0.01	0.00
3.63	2.00	0.00	0.00	0.01	0.00	3.64	2.00	0.00	0.00	0.01	0.00
3.65	2.00	0.00	0.00	0.01	0.00	3.66	2.00	0.00	0.00	0.01	0.00
3.67	2.00	0.00	0.00	0.01	0.00	3.68	2.00	0.00	0.00	0.01	0.00
3.69	2.00	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	2.00	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	2.00	0.00	0.00	0.01	0.00
4.03	2.00	0.00	0.00	0.01	0.00	4.04	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.05	1.50	0.00	0.00	0.01	0.00	4.06	1.50	0.00	0.00	0.01	0.00
4.07	1.32	0.00	0.00	0.01	0.00	4.08	1.22	0.00	0.00	0.01	0.00
4.09	1.12	0.00	0.00	0.01	0.00	4.10	1.04	0.00	0.00	0.01	0.00
4.11	0.91	0.00	0.00	0.01	0.01	4.12	0.88	0.00	0.00	0.01	0.01
4.13	0.83	0.17	2.07	0.01	0.01	4.14	0.82	0.18	2.04	0.01	0.01
4.15	0.81	0.19	1.82	0.01	0.01	4.16	0.81	0.19	1.86	0.01	0.01
4.17	0.81	0.19	1.76	0.01	0.02	4.18	0.80	0.20	1.66	0.01	0.02
4.19	0.79	0.21	1.58	0.01	0.02	4.20	0.77	0.23	1.31	0.01	0.02
4.21	0.74	0.26	1.15	0.01	0.02	4.22	0.73	0.27	1.05	0.01	0.02
4.23	0.73	0.27	1.05	0.01	0.02	4.24	0.72	0.28	1.00	0.01	0.02
4.25	0.71	0.29	0.97	0.01	0.02	4.26	0.70	0.30	0.91	0.01	0.02
4.27	0.68	0.32	0.85	0.01	0.02	4.28	0.65	0.35	0.75	0.01	0.03
4.29	0.64	0.36	0.71	0.01	0.03	4.30	0.61	0.39	0.65	0.01	0.03
4.31	0.61	0.39	0.65	0.01	0.03	4.32	0.59	0.41	0.62	0.01	0.03
4.33	0.58	0.42	0.59	0.01	0.03	4.34	0.56	0.44	0.56	0.01	0.03
4.35	0.54	0.46	0.53	0.01	0.04	4.36	0.52	0.48	0.50	0.01	0.04
4.37	0.48	0.52	0.46	0.01	0.04	4.38	0.47	0.53	0.44	0.01	0.04
4.39	0.45	0.55	0.43	0.01	0.04	4.40	0.47	0.53	0.45	0.01	0.04
4.41	0.48	0.52	0.45	0.01	0.04	4.42	0.49	0.51	0.47	0.01	0.04
4.43	0.50	0.50	0.48	0.01	0.04	4.44	0.51	0.49	0.49	0.01	0.04
4.45	0.51	0.49	0.49	0.01	0.04	4.46	0.52	0.48	0.50	0.01	0.04
4.47	0.52	0.48	0.51	0.01	0.04	4.48	0.52	0.48	0.50	0.01	0.04
4.49	0.52	0.48	0.50	0.01	0.04	4.50	0.51	0.49	0.50	0.01	0.04
4.51	0.51	0.49	0.49	0.01	0.04	4.52	0.51	0.49	0.50	0.01	0.04
4.53	0.52	0.48	0.50	0.01	0.04	4.54	0.54	0.46	0.53	0.01	0.04
4.55	0.53	0.47	0.52	0.01	0.04	4.56	0.55	0.45	0.55	0.01	0.03
4.57	0.52	0.48	0.51	0.01	0.04	4.58	0.53	0.47	0.51	0.01	0.04
4.59	0.52	0.48	0.50	0.01	0.04	4.60	0.52	0.48	0.50	0.01	0.04
4.61	0.52	0.48	0.50	0.01	0.04	4.62	0.52	0.48	0.51	0.01	0.04
4.63	0.52	0.48	0.50	0.01	0.04	4.64	0.51	0.49	0.50	0.01	0.04
4.65	0.51	0.49	0.50	0.01	0.04	4.66	0.51	0.49	0.49	0.01	0.04
4.67	0.50	0.50	0.48	0.01	0.04	4.68	0.49	0.51	0.47	0.01	0.04
4.69	0.48	0.52	0.46	0.01	0.04	4.70	0.48	0.52	0.45	0.01	0.04
4.71	0.47	0.53	0.45	0.01	0.04	4.72	0.48	0.52	0.45	0.01	0.04
4.73	0.48	0.52	0.45	0.01	0.04	4.74	0.49	0.51	0.47	0.01	0.04
4.75	0.50	0.50	0.48	0.01	0.04	4.76	0.51	0.49	0.49	0.01	0.04
4.77	0.52	0.48	0.50	0.01	0.04	4.78	0.53	0.47	0.51	0.01	0.04
4.79	0.53	0.47	0.51	0.01	0.04	4.80	0.52	0.48	0.50	0.01	0.04
4.81	0.51	0.49	0.49	0.01	0.04	4.82	0.48	0.52	0.46	0.01	0.04
4.83	0.50	0.50	0.48	0.01	0.04	4.84	0.49	0.51	0.47	0.01	0.04
4.85	0.51	0.49	0.49	0.01	0.04	4.86	0.53	0.47	0.52	0.01	0.04
4.87	0.56	0.44	0.55	0.01	0.03	4.88	0.58	0.42	0.60	0.01	0.03
4.89	0.62	0.38	0.68	0.01	0.03	4.90	0.71	0.29	0.98	0.01	0.02
4.91	0.74	0.26	1.10	0.01	0.02	4.92	0.71	0.29	0.96	0.01	0.02
4.93	0.71	0.29	0.95	0.01	0.02	4.94	0.67	0.33	0.81	0.01	0.02
4.95	0.53	0.47	0.52	0.01	0.04	4.96	0.53	0.47	0.51	0.01	0.04
4.97	0.55	0.45	0.55	0.01	0.03	4.98	0.53	0.47	0.52	0.01	0.04
4.99	0.51	0.49	0.49	0.01	0.04	5.00	0.49	0.51	0.47	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.01	0.47	0.53	0.44	0.01	0.04	5.02	0.47	0.53	0.44	0.01	0.04
5.03	0.47	0.53	0.45	0.01	0.04	5.04	0.48	0.52	0.46	0.01	0.04
5.05	0.48	0.52	0.46	0.01	0.04	5.06	0.48	0.52	0.46	0.01	0.04
5.07	0.48	0.52	0.46	0.01	0.04	5.08	0.48	0.52	0.46	0.01	0.04
5.09	0.48	0.52	0.46	0.01	0.04	5.10	0.49	0.51	0.47	0.01	0.04
5.11	0.48	0.52	0.46	0.01	0.04	5.12	0.47	0.53	0.45	0.01	0.04
5.13	0.47	0.53	0.45	0.01	0.04	5.14	0.47	0.53	0.44	0.01	0.04
5.15	0.46	0.54	0.44	0.01	0.04	5.16	0.45	0.55	0.43	0.01	0.04
5.17	0.45	0.55	0.43	0.01	0.04	5.18	0.45	0.55	0.42	0.01	0.04
5.19	0.45	0.55	0.42	0.01	0.04	5.20	0.44	0.56	0.42	0.01	0.04
5.21	0.44	0.56	0.42	0.01	0.04	5.22	0.44	0.56	0.42	0.01	0.04
5.23	0.44	0.56	0.42	0.01	0.04	5.24	0.44	0.56	0.42	0.01	0.04
5.25	0.44	0.56	0.42	0.01	0.04	5.26	0.44	0.56	0.42	0.01	0.04
5.27	0.45	0.55	0.43	0.01	0.04	5.28	0.45	0.55	0.43	0.01	0.04
5.29	0.45	0.55	0.43	0.01	0.04	5.30	0.45	0.55	0.43	0.01	0.04
5.31	0.44	0.56	0.42	0.01	0.04	5.32	0.43	0.57	0.41	0.01	0.04
5.33	0.44	0.56	0.41	0.01	0.04	5.34	0.43	0.57	0.41	0.01	0.04
5.35	0.43	0.57	0.41	0.01	0.04	5.36	0.44	0.56	0.42	0.01	0.04
5.37	0.45	0.55	0.42	0.01	0.04	5.38	0.46	0.54	0.43	0.01	0.04
5.39	0.46	0.54	0.44	0.01	0.04	5.40	0.47	0.53	0.45	0.01	0.04
5.41	0.49	0.51	0.47	0.01	0.04	5.42	0.49	0.51	0.47	0.01	0.04
5.43	0.50	0.50	0.48	0.01	0.04	5.44	0.50	0.50	0.47	0.01	0.04
5.45	0.50	0.50	0.47	0.01	0.04	5.46	0.49	0.51	0.47	0.01	0.04
5.47	0.49	0.51	0.47	0.01	0.04	5.48	0.48	0.52	0.46	0.01	0.04
5.49	0.47	0.53	0.45	0.01	0.04	5.50	0.46	0.54	0.44	0.01	0.04
5.51	0.44	0.56	0.42	0.01	0.04	5.52	0.44	0.56	0.42	0.01	0.04
5.53	0.44	0.56	0.42	0.01	0.04	5.54	0.44	0.56	0.42	0.01	0.04
5.55	0.44	0.56	0.42	0.01	0.04	5.56	0.45	0.55	0.42	0.01	0.04
5.57	0.46	0.54	0.43	0.01	0.04	5.58	0.47	0.53	0.44	0.01	0.04
5.59	0.48	0.52	0.45	0.01	0.04	5.60	0.49	0.51	0.46	0.01	0.04
5.61	0.52	0.48	0.50	0.01	0.03	5.62	0.54	0.46	0.53	0.01	0.03
5.63	0.57	0.43	0.58	0.01	0.03	5.64	0.57	0.43	0.58	0.01	0.03
5.65	0.57	0.43	0.58	0.01	0.03	5.66	0.57	0.43	0.57	0.01	0.03
5.67	0.55	0.45	0.54	0.01	0.03	5.68	0.53	0.47	0.52	0.01	0.03
5.69	0.51	0.49	0.49	0.01	0.03	5.70	0.50	0.50	0.48	0.01	0.04
5.71	0.48	0.52	0.45	0.01	0.04	5.72	0.46	0.54	0.44	0.01	0.04
5.73	0.44	0.56	0.42	0.01	0.04	5.74	0.44	0.56	0.42	0.01	0.04
5.75	0.43	0.57	0.41	0.01	0.04	5.76	0.43	0.57	0.41	0.01	0.04
5.77	0.44	0.56	0.42	0.01	0.04	5.78	0.46	0.54	0.43	0.01	0.04
5.79	0.47	0.53	0.45	0.01	0.04	5.80	0.50	0.50	0.48	0.01	0.04
5.81	0.50	0.50	0.48	0.01	0.04	5.82	0.52	0.48	0.51	0.01	0.03
5.83	0.51	0.49	0.49	0.01	0.03	5.84	0.52	0.48	0.51	0.01	0.03
5.85	0.51	0.49	0.50	0.01	0.03	5.86	0.51	0.49	0.49	0.01	0.03
5.87	0.50	0.50	0.48	0.01	0.04	5.88	0.49	0.51	0.47	0.01	0.04
5.89	0.49	0.51	0.46	0.01	0.04	5.90	0.48	0.52	0.46	0.01	0.04
5.91	0.48	0.52	0.46	0.01	0.04	5.92	0.48	0.52	0.45	0.01	0.04
5.93	0.49	0.51	0.47	0.01	0.04	5.94	0.50	0.50	0.48	0.01	0.04
5.95	0.51	0.49	0.50	0.01	0.03	5.96	0.52	0.48	0.50	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.97	0.52	0.48	0.50	0.01	0.03	5.98	0.52	0.48	0.50	0.01	0.03
5.99	0.52	0.48	0.50	0.01	0.03	6.00	0.51	0.49	0.49	0.01	0.03
6.01	0.51	0.49	0.49	0.01	0.03	6.02	0.51	0.49	0.49	0.01	0.03
6.03	0.51	0.49	0.49	0.01	0.03	6.04	0.50	0.50	0.48	0.01	0.04
6.05	0.49	0.51	0.47	0.01	0.04	6.06	0.47	0.53	0.44	0.01	0.04
6.07	0.47	0.53	0.44	0.01	0.04	6.08	0.45	0.55	0.43	0.01	0.04
6.09	0.46	0.54	0.43	0.01	0.04	6.10	0.46	0.54	0.43	0.01	0.04
6.11	0.46	0.54	0.43	0.01	0.04	6.12	0.46	0.54	0.44	0.01	0.04
6.13	0.47	0.53	0.44	0.01	0.04	6.14	0.48	0.52	0.45	0.01	0.04
6.15	0.49	0.51	0.47	0.01	0.04	6.16	0.48	0.52	0.46	0.01	0.04
6.17	0.48	0.52	0.45	0.01	0.04	6.18	0.46	0.54	0.44	0.01	0.04
6.19	0.46	0.54	0.43	0.01	0.04	6.20	0.45	0.55	0.42	0.01	0.04
6.21	0.43	0.57	0.41	0.01	0.04	6.22	0.44	0.56	0.41	0.01	0.04
6.23	0.46	0.54	0.44	0.01	0.04	6.24	0.48	0.52	0.46	0.01	0.04
6.25	0.50	0.50	0.48	0.01	0.03	6.26	0.50	0.50	0.47	0.01	0.03
6.27	0.50	0.50	0.48	0.01	0.03	6.28	0.48	0.52	0.46	0.01	0.04
6.29	0.50	0.50	0.48	0.01	0.03	6.30	0.48	0.52	0.45	0.01	0.04
6.31	0.50	0.50	0.48	0.01	0.03	6.32	0.47	0.53	0.45	0.01	0.04
6.33	0.47	0.53	0.45	0.01	0.04	6.34	0.45	0.55	0.42	0.01	0.04
6.35	0.46	0.54	0.43	0.01	0.04	6.36	0.44	0.56	0.42	0.01	0.04
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	2.00	0.00	0.00	0.01	0.00	6.40	0.48	0.52	0.46	0.01	0.04
6.41	0.47	0.53	0.44	0.01	0.04	6.42	0.49	0.51	0.47	0.01	0.03
6.43	0.52	0.48	0.50	0.01	0.03	6.44	0.51	0.49	0.49	0.01	0.03
6.45	0.52	0.48	0.50	0.01	0.03	6.46	0.51	0.49	0.49	0.01	0.03
6.47	0.51	0.49	0.49	0.01	0.03	6.48	0.51	0.49	0.50	0.01	0.03
6.49	0.50	0.50	0.48	0.01	0.03	6.50	0.52	0.48	0.51	0.01	0.03
6.51	0.50	0.50	0.48	0.01	0.03	6.52	0.50	0.50	0.48	0.01	0.03
6.53	0.51	0.49	0.49	0.01	0.03	6.54	0.48	0.52	0.46	0.01	0.03
6.55	0.49	0.51	0.46	0.01	0.03	6.56	0.47	0.53	0.45	0.01	0.04
6.57	0.49	0.51	0.47	0.01	0.03	6.58	0.51	0.49	0.49	0.01	0.03
6.59	0.55	0.45	0.55	0.01	0.03	6.60	0.55	0.45	0.55	0.01	0.03
6.61	0.56	0.44	0.57	0.01	0.03	6.62	0.58	0.42	0.59	0.01	0.03
6.63	0.58	0.42	0.60	0.01	0.03	6.64	0.57	0.43	0.58	0.01	0.03
6.65	0.57	0.43	0.58	0.01	0.03	6.66	0.56	0.44	0.56	0.01	0.03
6.67	0.55	0.45	0.54	0.01	0.03	6.68	0.54	0.46	0.54	0.01	0.03
6.69	0.53	0.47	0.52	0.01	0.03	6.70	0.53	0.47	0.52	0.01	0.03
6.71	0.53	0.47	0.52	0.01	0.03	6.72	0.52	0.48	0.50	0.01	0.03
6.73	0.51	0.49	0.49	0.01	0.03	6.74	0.50	0.50	0.48	0.01	0.03
6.75	0.50	0.50	0.48	0.01	0.03	6.76	0.49	0.51	0.47	0.01	0.03
6.77	0.49	0.51	0.46	0.01	0.03	6.78	0.49	0.51	0.46	0.01	0.03
6.79	0.47	0.53	0.45	0.01	0.03	6.80	0.48	0.52	0.46	0.01	0.03
6.81	0.47	0.53	0.45	0.01	0.03	6.82	0.46	0.54	0.44	0.01	0.04
6.83	0.45	0.55	0.43	0.01	0.04	6.84	0.44	0.56	0.42	0.01	0.04
6.85	0.44	0.56	0.42	0.01	0.04	6.86	0.44	0.56	0.42	0.01	0.04
6.87	0.44	0.56	0.42	0.01	0.04	6.88	0.45	0.55	0.43	0.01	0.04
6.89	0.45	0.55	0.43	0.01	0.04	6.90	0.46	0.54	0.44	0.01	0.04
6.91	0.46	0.54	0.44	0.01	0.04	6.92	0.46	0.54	0.44	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.93	0.45	0.55	0.43	0.01	0.04	6.94	0.45	0.55	0.43	0.01	0.04
6.95	0.44	0.56	0.42	0.01	0.04	6.96	0.46	0.54	0.43	0.01	0.04
6.97	0.48	0.52	0.45	0.01	0.03	6.98	0.50	0.50	0.47	0.01	0.03
6.99	0.52	0.48	0.50	0.01	0.03	7.00	0.54	0.46	0.52	0.01	0.03
7.01	0.53	0.47	0.52	0.01	0.03	7.02	0.54	0.46	0.53	0.01	0.03
7.03	0.55	0.45	0.55	0.01	0.03	7.04	0.55	0.45	0.54	0.01	0.03
7.05	0.54	0.46	0.52	0.01	0.03	7.06	0.52	0.48	0.51	0.01	0.03
7.07	0.50	0.50	0.48	0.01	0.03	7.08	0.49	0.51	0.47	0.01	0.03
7.09	0.46	0.54	0.43	0.01	0.03	7.10	0.46	0.54	0.44	0.01	0.03
7.11	0.45	0.55	0.43	0.01	0.04	7.12	0.46	0.54	0.44	0.01	0.03
7.13	0.47	0.53	0.45	0.01	0.03	7.14	0.47	0.53	0.44	0.01	0.03
7.15	0.47	0.53	0.44	0.01	0.03	7.16	0.47	0.53	0.44	0.01	0.03
7.17	0.47	0.53	0.44	0.01	0.03	7.18	0.48	0.52	0.45	0.01	0.03
7.19	0.48	0.52	0.46	0.01	0.03	7.20	0.48	0.52	0.45	0.01	0.03
7.21	0.48	0.52	0.45	0.01	0.03	7.22	0.46	0.54	0.44	0.01	0.03
7.23	0.45	0.55	0.43	0.01	0.04	7.24	0.42	0.58	0.40	0.01	0.04
7.25	0.43	0.57	0.41	0.01	0.04	7.26	0.44	0.56	0.42	0.01	0.04
7.27	0.45	0.55	0.43	0.01	0.03	7.28	0.49	0.51	0.46	0.01	0.03
7.29	0.46	0.54	0.44	0.01	0.03	7.30	0.49	0.51	0.47	0.01	0.03
7.31	0.49	0.51	0.46	0.01	0.03	7.32	0.46	0.54	0.44	0.01	0.03
7.33	0.47	0.53	0.44	0.01	0.03	7.34	0.47	0.53	0.44	0.01	0.03
7.35	0.47	0.53	0.44	0.01	0.03	7.36	0.47	0.53	0.45	0.01	0.03
7.37	0.49	0.51	0.46	0.01	0.03	7.38	0.49	0.51	0.47	0.01	0.03
7.39	0.54	0.46	0.53	0.01	0.03	7.40	0.53	0.47	0.51	0.01	0.03
7.41	0.56	0.44	0.56	0.01	0.03	7.42	0.64	0.36	0.72	0.01	0.02
7.43	0.65	0.35	0.74	0.01	0.02	7.44	0.73	0.27	1.07	0.01	0.02
7.45	0.67	0.33	0.82	0.01	0.02	7.46	0.66	0.34	0.78	0.01	0.02
7.47	0.64	0.36	0.71	0.01	0.02	7.48	0.58	0.42	0.59	0.01	0.03
7.49	0.55	0.45	0.54	0.01	0.03	7.50	0.52	0.48	0.50	0.01	0.03
7.51	0.50	0.50	0.48	0.01	0.03	7.52	0.47	0.53	0.45	0.01	0.03
7.53	0.46	0.54	0.44	0.01	0.03	7.54	0.45	0.55	0.42	0.01	0.03
7.55	0.46	0.54	0.43	0.01	0.03	7.56	0.46	0.54	0.44	0.01	0.03
7.57	0.46	0.54	0.44	0.01	0.03	7.58	0.50	0.50	0.47	0.01	0.03
7.59	0.49	0.51	0.47	0.01	0.03	7.60	0.52	0.48	0.50	0.01	0.03
7.61	0.51	0.49	0.50	0.01	0.03	7.62	0.51	0.49	0.49	0.01	0.03
7.63	0.51	0.49	0.50	0.01	0.03	7.64	0.51	0.49	0.49	0.01	0.03
7.65	0.51	0.49	0.49	0.01	0.03	7.66	0.51	0.49	0.49	0.01	0.03
7.67	0.51	0.49	0.49	0.01	0.03	7.68	0.51	0.49	0.50	0.01	0.03
7.69	0.51	0.49	0.49	0.01	0.03	7.70	0.51	0.49	0.50	0.01	0.03
7.71	0.51	0.49	0.49	0.01	0.03	7.72	0.52	0.48	0.51	0.01	0.03
7.73	0.53	0.47	0.51	0.01	0.03	7.74	0.54	0.46	0.53	0.01	0.03
7.75	0.54	0.46	0.53	0.01	0.03	7.76	0.54	0.46	0.54	0.01	0.03
7.77	0.54	0.46	0.54	0.01	0.03	7.78	0.55	0.45	0.55	0.01	0.03
7.79	0.54	0.46	0.54	0.01	0.03	7.80	0.54	0.46	0.53	0.01	0.03
7.81	0.53	0.47	0.52	0.01	0.03	7.82	0.52	0.48	0.50	0.01	0.03
7.83	0.51	0.49	0.50	0.01	0.03	7.84	0.51	0.49	0.49	0.01	0.03
7.85	0.51	0.49	0.49	0.01	0.03	7.86	0.50	0.50	0.48	0.01	0.03
7.87	0.50	0.50	0.48	0.01	0.03	7.88	0.50	0.50	0.47	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.89	0.50	0.50	0.47	0.01	0.03	7.90	0.49	0.51	0.47	0.01	0.03
7.91	0.48	0.52	0.46	0.01	0.03	7.92	0.47	0.53	0.45	0.01	0.03
7.93	0.47	0.53	0.45	0.01	0.03	7.94	0.45	0.55	0.42	0.01	0.03
7.95	0.44	0.56	0.42	0.01	0.03	7.96	0.44	0.56	0.42	0.01	0.03
7.97	0.43	0.57	0.41	0.01	0.03	7.98	0.43	0.57	0.41	0.01	0.03
7.99	0.44	0.56	0.42	0.01	0.03	8.00	0.45	0.55	0.43	0.01	0.03
8.01	0.45	0.55	0.43	0.01	0.03	8.02	0.46	0.54	0.43	0.01	0.03
8.03	0.46	0.54	0.44	0.01	0.03	8.04	0.46	0.54	0.44	0.01	0.03
8.05	0.46	0.54	0.43	0.01	0.03	8.06	0.45	0.55	0.43	0.01	0.03
8.07	0.45	0.55	0.42	0.01	0.03	8.08	0.44	0.56	0.42	0.01	0.03
8.09	0.43	0.57	0.41	0.01	0.03	8.10	0.43	0.57	0.41	0.01	0.03
8.11	0.43	0.57	0.41	0.01	0.03	8.12	0.43	0.57	0.41	0.01	0.03
8.13	0.43	0.57	0.41	0.01	0.03	8.14	0.44	0.56	0.42	0.01	0.03
8.15	0.46	0.54	0.43	0.01	0.03	8.16	0.46	0.54	0.44	0.01	0.03
8.17	0.47	0.53	0.45	0.01	0.03	8.18	0.47	0.53	0.45	0.01	0.03
8.19	0.48	0.52	0.45	0.01	0.03	8.20	0.48	0.52	0.45	0.01	0.03
8.21	0.49	0.51	0.46	0.01	0.03	8.22	0.48	0.52	0.46	0.01	0.03
8.23	0.48	0.52	0.45	0.01	0.03	8.24	0.47	0.53	0.45	0.01	0.03
8.25	0.46	0.54	0.44	0.01	0.03	8.26	0.46	0.54	0.43	0.01	0.03
8.27	0.45	0.55	0.43	0.01	0.03	8.28	0.44	0.56	0.42	0.01	0.03
8.29	0.43	0.57	0.41	0.01	0.03	8.30	0.42	0.58	0.40	0.01	0.03
8.31	0.42	0.58	0.40	0.01	0.03	8.32	0.42	0.58	0.40	0.01	0.03
8.33	0.42	0.58	0.40	0.01	0.03	8.34	0.43	0.57	0.41	0.01	0.03
8.35	0.43	0.57	0.41	0.01	0.03	8.36	0.45	0.55	0.43	0.01	0.03
8.37	0.45	0.55	0.43	0.01	0.03	8.38	0.46	0.54	0.44	0.01	0.03
8.39	0.46	0.54	0.44	0.01	0.03	8.40	0.47	0.53	0.45	0.01	0.03
8.41	0.47	0.53	0.45	0.01	0.03	8.42	0.47	0.53	0.45	0.01	0.03
8.43	0.48	0.52	0.45	0.01	0.03	8.44	0.47	0.53	0.45	0.01	0.03
8.45	0.47	0.53	0.45	0.01	0.03	8.46	0.48	0.52	0.46	0.01	0.03
8.47	0.49	0.51	0.47	0.01	0.03	8.48	0.51	0.49	0.48	0.01	0.03
8.49	0.51	0.49	0.49	0.01	0.03	8.50	0.52	0.48	0.50	0.01	0.03
8.51	0.52	0.48	0.51	0.01	0.03	8.52	0.53	0.47	0.51	0.01	0.03
8.53	0.53	0.47	0.52	0.01	0.03	8.54	0.53	0.47	0.51	0.01	0.03
8.55	0.53	0.47	0.51	0.01	0.03	8.56	0.52	0.48	0.50	0.01	0.03
8.57	0.51	0.49	0.49	0.01	0.03	8.58	0.50	0.50	0.48	0.01	0.03
8.59	0.49	0.51	0.47	0.01	0.03	8.60	0.49	0.51	0.47	0.01	0.03
8.61	0.48	0.52	0.46	0.01	0.03	8.62	0.47	0.53	0.45	0.01	0.03
8.63	0.47	0.53	0.44	0.01	0.03	8.64	0.46	0.54	0.44	0.01	0.03
8.65	0.47	0.53	0.44	0.01	0.03	8.66	0.47	0.53	0.44	0.01	0.03
8.67	0.46	0.54	0.43	0.01	0.03	8.68	0.45	0.55	0.43	0.01	0.03
8.69	0.44	0.56	0.42	0.01	0.03	8.70	0.45	0.55	0.43	0.01	0.03
8.71	0.45	0.55	0.42	0.01	0.03	8.72	0.44	0.56	0.42	0.01	0.03
8.73	0.44	0.56	0.42	0.01	0.03	8.74	0.44	0.56	0.42	0.01	0.03
8.75	0.43	0.57	0.41	0.01	0.03	8.76	0.43	0.57	0.41	0.01	0.03
8.77	0.43	0.57	0.41	0.01	0.03	8.78	0.41	0.59	0.40	0.01	0.03
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	0.47	0.53	0.44	0.01	0.03	8.92	0.46	0.54	0.43	0.01	0.03
8.93	0.47	0.53	0.45	0.01	0.03	8.94	0.46	0.54	0.44	0.01	0.03
8.95	0.47	0.53	0.45	0.01	0.03	8.96	0.47	0.53	0.44	0.01	0.03
8.97	0.46	0.54	0.44	0.01	0.03	8.98	0.47	0.53	0.45	0.01	0.03
8.99	0.46	0.54	0.44	0.01	0.03	9.00	0.47	0.53	0.44	0.01	0.03
9.01	0.46	0.54	0.44	0.01	0.03	9.02	0.46	0.54	0.43	0.01	0.03
9.03	0.46	0.54	0.43	0.01	0.03	9.04	0.45	0.55	0.43	0.01	0.03
9.05	0.45	0.55	0.43	0.01	0.03	9.06	0.45	0.55	0.43	0.01	0.03
9.07	0.45	0.55	0.43	0.01	0.03	9.08	0.45	0.55	0.42	0.01	0.03
9.09	0.44	0.56	0.42	0.01	0.03	9.10	0.44	0.56	0.42	0.01	0.03
9.11	0.45	0.55	0.42	0.01	0.03	9.12	0.45	0.55	0.42	0.01	0.03
9.13	0.45	0.55	0.43	0.01	0.03	9.14	0.45	0.55	0.43	0.01	0.03
9.15	0.45	0.55	0.43	0.01	0.03	9.16	0.46	0.54	0.44	0.01	0.03
9.17	0.46	0.54	0.44	0.01	0.03	9.18	0.47	0.53	0.45	0.01	0.03
9.19	0.47	0.53	0.45	0.01	0.03	9.20	0.48	0.52	0.45	0.01	0.03
9.21	0.49	0.51	0.47	0.01	0.03	9.22	0.50	0.50	0.48	0.01	0.03
9.23	0.52	0.48	0.50	0.01	0.03	9.24	0.50	0.50	0.48	0.01	0.03
9.25	0.50	0.50	0.48	0.01	0.03	9.26	0.50	0.50	0.48	0.01	0.03
9.27	0.48	0.52	0.45	0.01	0.03	9.28	0.47	0.53	0.45	0.01	0.03
9.29	0.46	0.54	0.43	0.01	0.03	9.30	0.45	0.55	0.43	0.01	0.03
9.31	0.45	0.55	0.42	0.01	0.03	9.32	0.44	0.56	0.41	0.01	0.03
9.33	0.42	0.58	0.40	0.01	0.03	9.34	0.41	0.59	0.39	0.01	0.03
9.35	0.41	0.59	0.39	0.01	0.03	9.36	0.41	0.59	0.40	0.01	0.03
9.37	0.42	0.58	0.40	0.01	0.03	9.38	0.43	0.57	0.41	0.01	0.03
9.39	0.44	0.56	0.42	0.01	0.03	9.40	0.45	0.55	0.42	0.01	0.03
9.41	0.45	0.55	0.43	0.01	0.03	9.42	0.45	0.55	0.43	0.01	0.03
9.43	0.46	0.54	0.43	0.01	0.03	9.44	0.45	0.55	0.42	0.01	0.03
9.45	0.45	0.55	0.43	0.01	0.03	9.46	0.44	0.56	0.42	0.01	0.03
9.47	0.43	0.57	0.41	0.01	0.03	9.48	0.43	0.57	0.41	0.01	0.03
9.49	0.43	0.57	0.41	0.01	0.03	9.50	0.43	0.57	0.41	0.01	0.03
9.51	0.43	0.57	0.41	0.01	0.03	9.52	0.43	0.57	0.41	0.01	0.03
9.53	0.43	0.57	0.41	0.01	0.03	9.54	0.43	0.57	0.41	0.01	0.03
9.55	0.43	0.57	0.41	0.01	0.03	9.56	0.43	0.57	0.41	0.01	0.03
9.57	0.43	0.57	0.41	0.01	0.03	9.58	0.43	0.57	0.41	0.01	0.03
9.59	0.43	0.57	0.41	0.01	0.03	9.60	0.44	0.56	0.42	0.01	0.03
9.61	0.44	0.56	0.42	0.01	0.03	9.62	0.44	0.56	0.42	0.01	0.03
9.63	0.45	0.55	0.43	0.01	0.03	9.64	0.46	0.54	0.44	0.01	0.03
9.65	0.47	0.53	0.45	0.01	0.03	9.66	0.47	0.53	0.45	0.01	0.03
9.67	0.49	0.51	0.47	0.01	0.03	9.68	0.49	0.51	0.47	0.01	0.03
9.69	0.51	0.49	0.49	0.01	0.03	9.70	0.51	0.49	0.49	0.01	0.03
9.71	0.52	0.48	0.50	0.01	0.02	9.72	0.51	0.49	0.50	0.01	0.02
9.73	0.53	0.47	0.51	0.01	0.02	9.74	0.53	0.47	0.51	0.01	0.02
9.75	0.52	0.48	0.51	0.01	0.02	9.76	0.53	0.47	0.51	0.01	0.02
9.77	0.53	0.47	0.51	0.01	0.02	9.78	0.53	0.47	0.51	0.01	0.02
9.79	0.52	0.48	0.51	0.01	0.02	9.80	0.52	0.48	0.51	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.81	0.52	0.48	0.50	0.01	0.02	9.82	0.52	0.48	0.50	0.01	0.02
9.83	0.51	0.49	0.49	0.01	0.02	9.84	0.51	0.49	0.49	0.01	0.03
9.85	0.51	0.49	0.48	0.01	0.03	9.86	0.50	0.50	0.48	0.01	0.03
9.87	0.49	0.51	0.47	0.01	0.03	9.88	0.49	0.51	0.47	0.01	0.03
9.89	0.49	0.51	0.47	0.01	0.03	9.90	0.48	0.52	0.46	0.01	0.03
9.91	0.50	0.50	0.48	0.01	0.03	9.92	0.46	0.54	0.44	0.01	0.03
9.93	0.48	0.52	0.46	0.01	0.03	9.94	0.47	0.53	0.44	0.01	0.03
9.95	0.46	0.54	0.44	0.01	0.03	9.96	0.42	0.58	0.40	0.01	0.03
9.97	0.43	0.57	0.41	0.01	0.03	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00

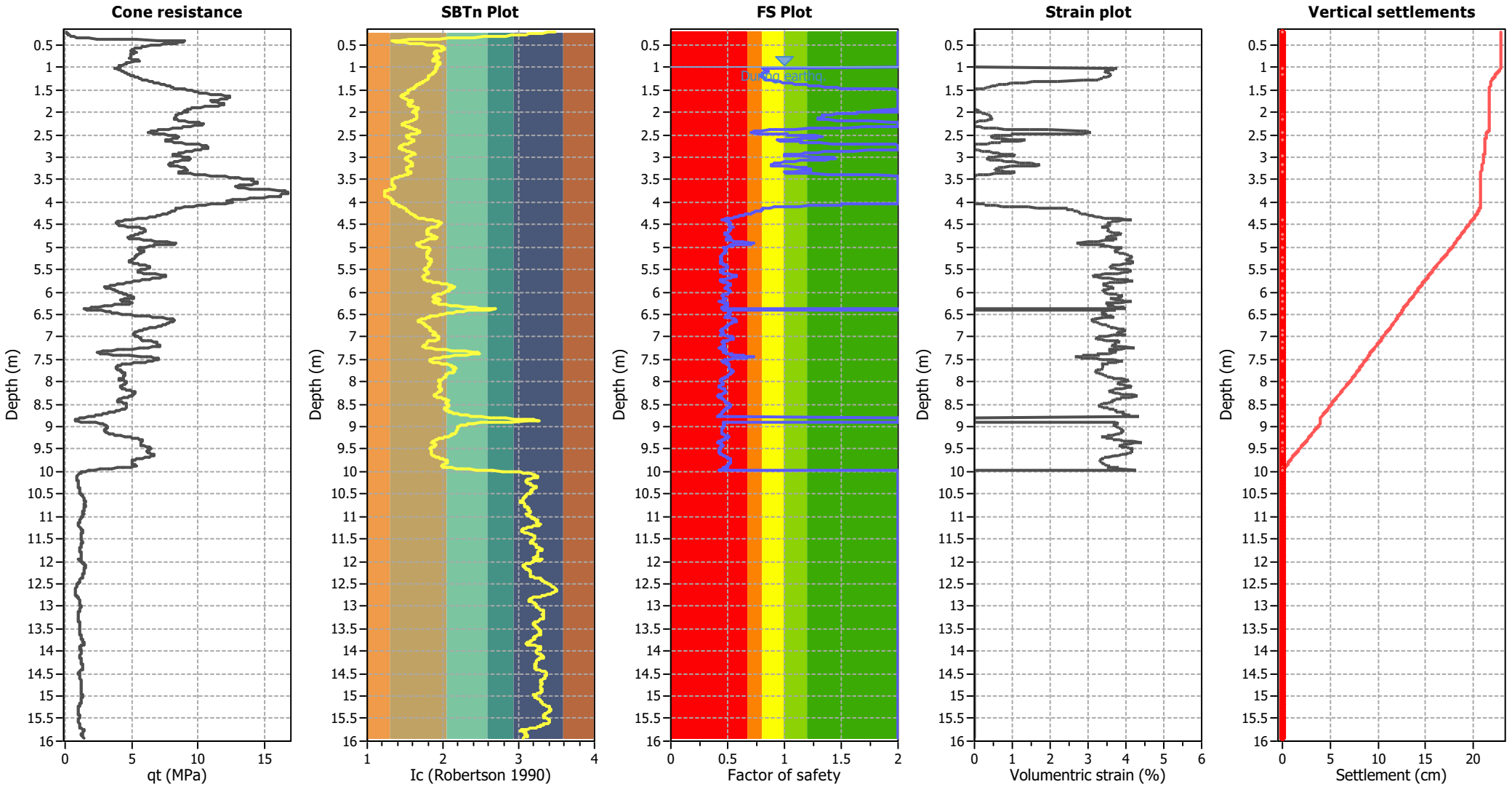
Overall liquefaction potential: 19.37

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	95.32	2.00	0.00	1.00	0.00	1.01	86.82	0.83	3.70	1.00	0.04
1.02	84.85	0.81	3.79	1.00	0.04	1.03	87.35	0.83	3.68	1.00	0.04
1.04	87.37	0.83	3.68	1.00	0.04	1.05	88.88	0.83	3.62	1.00	0.04
1.06	90.50	0.84	3.55	1.00	0.04	1.07	91.51	0.85	3.51	1.00	0.04
1.08	92.69	0.85	3.47	1.00	0.03	1.09	93.22	0.85	3.45	1.00	0.03
1.10	93.68	0.85	3.43	1.00	0.03	1.11	91.77	0.83	3.50	1.00	0.04
1.12	91.68	0.83	3.51	1.00	0.04	1.13	89.92	0.81	3.58	1.00	0.04
1.14	90.07	0.81	3.57	1.00	0.04	1.15	89.93	0.80	3.58	1.00	0.04
1.16	89.37	0.79	3.60	1.00	0.04	1.17	89.42	0.79	3.60	1.00	0.04
1.18	89.46	0.79	3.59	1.00	0.04	1.19	89.76	0.79	3.58	1.00	0.04
1.20	92.12	0.80	3.49	1.00	0.03	1.21	92.76	0.80	3.47	1.00	0.03
1.22	94.64	0.82	3.40	1.00	0.03	1.23	94.66	0.81	3.40	1.00	0.03
1.24	95.52	0.82	3.37	1.00	0.03	1.25	96.69	0.83	3.33	1.00	0.03
1.26	97.61	0.83	3.29	1.00	0.03	1.27	98.66	0.84	3.26	1.00	0.03
1.28	100.08	0.85	3.21	1.00	0.03	1.29	103.88	0.89	2.88	1.00	0.03
1.30	106.27	0.91	2.20	1.00	0.02	1.31	110.55	0.96	1.52	1.00	0.02
1.32	110.55	0.96	1.55	1.00	0.02	1.33	112.75	0.98	1.33	1.00	0.01
1.34	114.61	1.01	1.19	1.00	0.01	1.35	116.64	1.03	1.06	1.00	0.01
1.36	118.67	1.06	0.94	1.00	0.01	1.37	120.70	1.10	0.84	1.00	0.01
1.38	122.96	1.13	0.75	1.00	0.01	1.39	126.00	1.19	0.63	1.00	0.01
1.40	127.56	1.22	0.58	1.00	0.01	1.41	131.47	1.31	0.45	1.00	0.00
1.42	131.47	1.31	0.46	1.00	0.00	1.43	133.57	1.36	0.40	1.00	0.00
1.44	135.30	1.41	0.35	1.00	0.00	1.45	137.16	1.46	0.31	1.00	0.00
1.46	138.72	1.51	0.27	1.00	0.00	1.47	140.66	1.57	0.22	1.00	0.00
1.48	145.90	1.78	0.10	1.00	0.00	1.49	149.64	1.96	0.02	1.00	0.00
1.50	157.68	2.00	0.00	1.00	0.00	1.51	157.68	2.00	0.00	1.00	0.00
1.52	160.97	2.00	0.00	1.00	0.00	1.53	163.77	2.00	0.00	1.00	0.00
1.54	165.65	2.00	0.00	1.00	0.00	1.55	167.04	2.00	0.00	1.00	0.00
1.56	168.13	2.00	0.00	1.00	0.00	1.57	172.89	2.00	0.00	1.00	0.00
1.58	177.42	2.00	0.00	1.00	0.00	1.59	187.73	2.00	0.00	1.00	0.00
1.60	187.73	2.00	0.00	1.00	0.00	1.61	192.71	2.00	0.00	1.00	0.00
1.62	196.33	2.00	0.00	1.00	0.00	1.63	199.86	2.00	0.00	1.00	0.00
1.64	202.90	2.00	0.00	1.00	0.00	1.65	203.40	2.00	0.00	1.00	0.00
1.66	203.10	2.00	0.00	1.00	0.00	1.67	202.11	2.00	0.00	1.00	0.00
1.68	200.67	2.00	0.00	1.00	0.00	1.69	200.33	2.00	0.00	1.00	0.00
1.70	198.26	2.00	0.00	1.00	0.00	1.71	195.23	2.00	0.00	1.00	0.00
1.72	191.14	2.00	0.00	1.00	0.00	1.73	187.08	2.00	0.00	1.00	0.00
1.74	182.73	2.00	0.00	1.00	0.00	1.75	182.57	2.00	0.00	1.00	0.00
1.76	186.25	2.00	0.00	1.00	0.00	1.77	186.09	2.00	0.00	1.00	0.00
1.78	188.24	2.00	0.00	1.00	0.00	1.79	191.00	2.00	0.00	1.00	0.00
1.80	193.64	2.00	0.00	1.00	0.00	1.81	194.47	2.00	0.00	1.00	0.00
1.82	195.03	2.00	0.00	1.00	0.00	1.83	193.72	2.00	0.00	1.00	0.00
1.84	190.44	2.00	0.00	1.00	0.00	1.85	190.28	2.00	0.00	1.00	0.00
1.86	186.32	2.00	0.00	1.00	0.00	1.87	181.79	2.00	0.00	1.00	0.00
1.88	176.37	2.00	0.00	1.00	0.00	1.89	170.95	2.00	0.00	1.00	0.00
1.90	165.24	2.00	0.00	1.00	0.00	1.91	157.29	2.00	0.00	1.00	0.00
1.92	155.97	2.00	0.00	1.00	0.00	1.93	158.87	2.00	0.00	1.00	0.00
1.94	156.97	2.00	0.00	1.00	0.00	1.95	149.88	1.77	0.10	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	149.88	1.77	0.10	1.00	0.00	1.97	154.79	2.00	0.00	1.00	0.00
1.98	156.35	2.00	0.00	1.00	0.00	1.99	154.32	2.00	0.00	1.00	0.00
2.00	152.06	1.87	0.05	1.00	0.00	2.01	147.31	1.64	0.18	1.00	0.00
2.02	147.31	1.64	0.18	1.00	0.00	2.03	144.81	1.53	0.25	1.00	0.00
2.04	142.86	1.46	0.31	1.00	0.00	2.05	141.45	1.41	0.35	1.00	0.00
2.06	140.28	1.37	0.39	1.00	0.00	2.07	139.27	1.33	0.43	1.00	0.00
2.08	139.51	1.34	0.42	1.00	0.00	2.09	139.51	1.34	0.42	1.00	0.00
2.10	139.51	1.34	0.42	1.00	0.00	2.11	139.10	1.32	0.44	1.00	0.00
2.12	138.42	1.30	0.47	1.00	0.00	2.13	138.42	1.30	0.47	1.00	0.00
2.14	138.33	1.29	0.47	1.00	0.00	2.15	138.80	1.30	0.46	1.00	0.00
2.16	141.54	1.39	0.37	1.00	0.00	2.17	141.54	1.39	0.37	1.00	0.00
2.18	143.72	1.46	0.31	1.00	0.00	2.19	146.84	1.58	0.22	1.00	0.00
2.20	150.58	1.74	0.12	1.00	0.00	2.21	154.56	1.95	0.02	1.00	0.00
2.22	161.77	2.00	0.00	1.00	0.00	2.23	164.81	2.00	0.00	1.00	0.00
2.24	167.96	2.00	0.00	1.00	0.00	2.25	167.81	2.00	0.00	1.00	0.00
2.26	168.31	2.00	0.00	1.00	0.00	2.27	167.72	2.00	0.00	1.00	0.00
2.28	166.58	2.00	0.00	1.00	0.00	2.29	164.59	2.00	0.00	1.00	0.00
2.30	159.96	2.00	0.00	1.00	0.00	2.31	156.90	2.00	0.00	1.00	0.00
2.32	150.55	1.71	0.14	1.00	0.00	2.33	150.43	1.70	0.14	1.00	0.00
2.34	146.84	1.54	0.24	1.00	0.00	2.35	142.07	1.37	0.39	1.00	0.00
2.36	136.77	1.21	0.58	1.00	0.01	2.37	131.86	1.09	0.81	1.00	0.01
2.38	122.96	0.93	1.47	1.00	0.01	2.39	119.46	0.87	1.96	1.00	0.02
2.40	113.37	0.79	2.82	1.00	0.03	2.41	113.37	0.79	2.82	1.00	0.03
2.42	110.87	0.76	2.89	1.00	0.03	2.43	108.22	0.74	2.96	1.00	0.03
2.44	105.87	0.71	3.03	1.00	0.03	2.45	104.63	0.70	3.07	1.00	0.03
2.46	105.01	0.70	3.06	1.00	0.03	2.47	112.11	0.77	2.85	1.00	0.03
2.48	118.13	0.84	2.32	1.00	0.02	2.49	129.59	1.03	0.98	1.00	0.01
2.50	129.59	1.03	0.98	1.00	0.01	2.51	134.98	1.15	0.70	1.00	0.01
2.52	139.58	1.27	0.51	1.00	0.01	2.53	142.04	1.34	0.42	1.00	0.00
2.54	141.81	1.33	0.43	1.00	0.00	2.55	140.78	1.30	0.47	1.00	0.00
2.56	140.48	1.29	0.48	1.00	0.00	2.57	140.37	1.28	0.49	1.00	0.00
2.58	138.85	1.24	0.55	1.00	0.01	2.59	135.61	1.15	0.68	1.00	0.01
2.60	131.15	1.05	0.92	1.00	0.01	2.61	127.64	0.98	1.16	1.00	0.01
2.62	125.53	0.94	1.34	1.00	0.01	2.63	127.09	0.97	1.21	1.00	0.01
2.64	130.06	1.02	1.00	1.00	0.01	2.65	135.80	1.15	0.69	1.00	0.01
2.66	135.69	1.14	0.70	1.00	0.01	2.67	137.48	1.19	0.62	1.00	0.01
2.68	139.62	1.25	0.53	1.00	0.01	2.69	142.17	1.32	0.44	1.00	0.00
2.70	145.37	1.43	0.33	1.00	0.00	2.71	153.46	1.78	0.10	1.00	0.00
2.72	157.03	1.98	0.01	1.00	0.00	2.73	162.72	2.00	0.00	1.00	0.00
2.74	162.59	2.00	0.00	1.00	0.00	2.75	164.49	2.00	0.00	1.00	0.00
2.76	165.73	2.00	0.00	1.00	0.00	2.77	165.99	2.00	0.00	1.00	0.00
2.78	166.07	2.00	0.00	1.00	0.00	2.79	165.73	2.00	0.00	1.00	0.00
2.80	164.62	2.00	0.00	1.00	0.00	2.81	160.60	2.00	0.00	1.00	0.00
2.82	160.48	2.00	0.00	1.00	0.00	2.83	158.03	2.00	0.00	1.00	0.00
2.84	155.29	1.85	0.06	1.00	0.00	2.85	152.87	1.73	0.13	1.00	0.00
2.86	150.28	1.60	0.20	1.00	0.00	2.87	147.73	1.49	0.28	1.00	0.00
2.88	143.84	1.35	0.40	1.00	0.00	2.89	141.88	1.29	0.48	1.00	0.00
2.90	138.41	1.19	0.62	1.00	0.01	2.91	138.28	1.18	0.62	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	136.48	1.14	0.71	1.00	0.01	2.93	134.68	1.09	0.80	1.00	0.01
2.94	132.84	1.05	0.90	1.00	0.01	2.95	130.57	1.00	1.04	1.00	0.01
2.96	130.14	1.00	1.08	1.00	0.01	2.97	133.23	1.06	0.88	1.00	0.01
2.98	136.37	1.13	0.72	1.00	0.01	2.99	141.73	1.27	0.49	1.00	0.00
3.00	143.66	1.33	0.42	1.00	0.00	3.01	146.56	1.43	0.33	1.00	0.00
3.02	146.44	1.43	0.33	1.00	0.00	3.03	146.88	1.44	0.32	1.00	0.00
3.04	146.15	1.42	0.34	1.00	0.00	3.05	144.73	1.36	0.39	1.00	0.00
3.06	143.25	1.31	0.45	1.00	0.00	3.07	141.21	1.25	0.52	1.00	0.01
3.08	137.14	1.14	0.70	1.00	0.01	3.09	134.96	1.09	0.81	1.00	0.01
3.10	131.19	1.01	1.04	1.00	0.01	3.11	131.08	1.00	1.05	1.00	0.01
3.12	129.05	0.96	1.20	1.00	0.01	3.13	127.46	0.93	1.34	1.00	0.01
3.14	126.00	0.91	1.49	1.00	0.01	3.15	125.13	0.89	1.60	1.00	0.02
3.16	124.67	0.89	1.66	1.00	0.02	3.17	124.27	0.88	1.72	1.00	0.02
3.18	124.93	0.89	1.64	1.00	0.02	3.19	129.47	0.97	1.18	1.00	0.01
3.20	129.36	0.96	1.20	1.00	0.01	3.21	132.79	1.03	0.95	1.00	0.01
3.22	136.37	1.11	0.76	1.00	0.01	3.23	138.77	1.17	0.64	1.00	0.01
3.24	139.51	1.19	0.61	1.00	0.01	3.25	139.41	1.19	0.62	1.00	0.01
3.26	139.87	1.20	0.60	1.00	0.01	3.27	141.07	1.23	0.55	1.00	0.01
3.28	140.96	1.23	0.56	1.00	0.01	3.29	140.39	1.21	0.58	1.00	0.01
3.30	138.20	1.15	0.68	1.00	0.01	3.31	135.70	1.09	0.80	1.00	0.01
3.32	133.14	1.03	0.95	1.00	0.01	3.33	131.49	1.00	1.06	1.00	0.01
3.34	132.41	1.01	1.00	1.00	0.01	3.35	134.66	1.06	0.87	1.00	0.01
3.36	141.80	1.24	0.53	1.00	0.01	3.37	141.70	1.24	0.54	1.00	0.01
3.38	146.18	1.39	0.37	1.00	0.00	3.39	151.09	1.58	0.22	1.00	0.00
3.40	155.73	1.81	0.09	1.00	0.00	3.41	159.42	2.00	0.00	1.00	0.00
3.42	167.33	2.00	0.00	1.00	0.00	3.43	171.29	2.00	0.00	1.00	0.00
3.44	180.05	2.00	0.00	1.00	0.00	3.45	179.93	2.00	0.00	1.00	0.00
3.46	183.84	2.00	0.00	1.00	0.00	3.47	187.36	2.00	0.00	1.00	0.00
3.48	190.80	2.00	0.00	1.00	0.00	3.49	195.44	2.00	0.00	1.00	0.00
3.50	195.68	2.00	0.00	1.00	0.00	3.51	194.89	2.00	0.00	1.00	0.00
3.52	194.78	2.00	0.00	1.00	0.00	3.53	195.12	2.00	0.00	1.00	0.00
3.54	195.96	2.00	0.00	1.00	0.00	3.55	196.91	2.00	0.00	1.00	0.00
3.56	198.21	2.00	0.00	1.00	0.00	3.57	199.66	2.00	0.00	1.00	0.00
3.58	198.95	2.00	0.00	1.00	0.00	3.59	194.66	2.00	0.00	1.00	0.00
3.60	194.54	2.00	0.00	1.00	0.00	3.61	190.55	2.00	0.00	1.00	0.00
3.62	186.64	2.00	0.00	1.00	0.00	3.63	183.01	2.00	0.00	1.00	0.00
3.64	180.40	2.00	0.00	1.00	0.00	3.65	178.00	2.00	0.00	1.00	0.00
3.66	178.72	2.00	0.00	1.00	0.00	3.67	182.82	2.00	0.00	1.00	0.00
3.68	182.71	2.00	0.00	1.00	0.00	3.69	185.73	2.00	0.00	1.00	0.00
3.70	191.01	2.00	0.00	1.00	0.00	3.71	197.79	2.00	0.00	1.00	0.00
3.72	205.91	2.00	0.00	1.00	0.00	3.73	216.80	2.00	0.00	1.00	0.00
3.74	218.72	2.00	0.00	1.00	0.00	3.75	219.29	2.00	0.00	1.00	0.00
3.76	219.17	2.00	0.00	1.00	0.00	3.77	219.11	2.00	0.00	1.00	0.00
3.78	219.77	2.00	0.00	1.00	0.00	3.79	220.77	2.00	0.00	1.00	0.00
3.80	221.19	2.00	0.00	1.00	0.00	3.81	218.66	2.00	0.00	1.00	0.00
3.82	214.71	2.00	0.00	1.00	0.00	3.83	214.60	2.00	0.00	1.00	0.00
3.84	213.94	2.00	0.00	1.00	0.00	3.85	214.18	2.00	0.00	1.00	0.00
3.86	214.21	2.00	0.00	1.00	0.00	3.87	213.95	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	211.64	2.00	0.00	1.00	0.00	3.89	207.37	2.00	0.00	1.00	0.00
3.90	194.97	2.00	0.00	1.00	0.00	3.91	194.86	2.00	0.00	1.00	0.00
3.92	188.92	2.00	0.00	1.00	0.00	3.93	183.71	2.00	0.00	1.00	0.00
3.94	180.77	2.00	0.00	1.00	0.00	3.95	174.54	2.00	0.00	1.00	0.00
3.96	164.51	2.00	0.00	1.00	0.00	3.97	168.81	2.00	0.00	1.00	0.00
3.98	171.26	2.00	0.00	1.00	0.00	3.99	171.17	2.00	0.00	1.00	0.00
4.00	172.98	2.00	0.00	1.00	0.00	4.01	173.98	2.00	0.00	1.00	0.00
4.02	173.36	2.00	0.00	1.00	0.00	4.03	165.84	2.00	0.00	1.00	0.00
4.04	160.77	2.00	0.00	1.00	0.00	4.05	150.26	1.50	0.27	1.00	0.00
4.06	150.17	1.50	0.28	1.00	0.00	4.07	145.44	1.32	0.44	1.00	0.00
4.08	142.16	1.22	0.57	1.00	0.01	4.09	138.74	1.12	0.72	1.00	0.01
4.10	135.42	1.04	0.90	1.00	0.01	4.11	128.78	0.91	1.42	1.00	0.01
4.12	126.68	0.88	1.66	1.00	0.02	4.13	123.22	0.83	2.23	1.00	0.02
4.14	123.14	0.82	2.25	1.00	0.02	4.15	122.23	0.81	2.46	1.00	0.02
4.16	122.43	0.81	2.41	1.00	0.02	4.17	122.00	0.81	2.52	1.00	0.03
4.18	121.48	0.80	2.62	1.00	0.03	4.19	120.99	0.79	2.63	1.00	0.03
4.20	118.85	0.77	2.68	1.00	0.03	4.21	117.10	0.74	2.73	1.00	0.03
4.22	115.64	0.73	2.76	1.00	0.03	4.23	115.56	0.73	2.76	1.00	0.03
4.24	114.78	0.72	2.78	1.00	0.03	4.25	114.07	0.71	2.80	1.00	0.03
4.26	112.94	0.70	2.83	1.00	0.03	4.27	111.35	0.68	2.87	1.00	0.03
4.28	108.07	0.65	2.97	1.00	0.03	4.29	106.59	0.64	3.01	1.00	0.03
4.30	103.34	0.61	3.11	1.00	0.03	4.31	103.27	0.61	3.11	1.00	0.03
4.32	101.21	0.59	3.17	1.00	0.03	4.33	99.33	0.58	3.24	1.00	0.03
4.34	97.08	0.56	3.31	1.00	0.03	4.35	93.65	0.54	3.43	1.00	0.03
4.36	90.26	0.52	3.56	1.00	0.04	4.37	83.18	0.48	3.86	1.00	0.04
4.38	80.43	0.47	3.99	1.00	0.04	4.39	77.05	0.45	4.16	1.00	0.04
4.40	81.79	0.47	3.92	1.00	0.04	4.41	82.47	0.48	3.89	1.00	0.04
4.42	84.75	0.49	3.79	1.00	0.04	4.43	86.81	0.50	3.70	1.00	0.04
4.44	88.84	0.51	3.62	1.00	0.04	4.45	89.26	0.51	3.60	1.00	0.04
4.46	90.50	0.52	3.55	1.00	0.04	4.47	91.64	0.52	3.51	1.00	0.04
4.48	90.81	0.52	3.54	1.00	0.04	4.49	90.66	0.52	3.55	1.00	0.04
4.50	89.99	0.51	3.57	1.00	0.04	4.51	89.56	0.51	3.59	1.00	0.04
4.52	90.24	0.51	3.56	1.00	0.04	4.53	91.14	0.52	3.53	1.00	0.04
4.54	94.54	0.54	3.40	1.00	0.03	4.55	93.05	0.53	3.46	1.00	0.03
4.56	96.42	0.55	3.33	1.00	0.03	4.57	92.08	0.52	3.49	1.00	0.03
4.58	92.18	0.53	3.49	1.00	0.03	4.59	91.11	0.52	3.53	1.00	0.04
4.60	91.03	0.52	3.53	1.00	0.04	4.61	91.32	0.52	3.52	1.00	0.04
4.62	91.82	0.52	3.50	1.00	0.04	4.63	91.55	0.52	3.51	1.00	0.04
4.64	90.62	0.51	3.55	1.00	0.04	4.65	90.64	0.51	3.55	1.00	0.04
4.66	89.67	0.51	3.59	1.00	0.04	4.67	88.15	0.50	3.65	1.00	0.04
4.68	86.49	0.49	3.72	1.00	0.04	4.69	84.81	0.48	3.79	1.00	0.04
4.70	83.74	0.48	3.84	1.00	0.04	4.71	82.31	0.47	3.90	1.00	0.04
4.72	83.71	0.48	3.84	1.00	0.04	4.73	84.00	0.48	3.82	1.00	0.04
4.74	87.39	0.49	3.68	1.00	0.04	4.75	88.30	0.50	3.64	1.00	0.04
4.76	90.19	0.51	3.57	1.00	0.04	4.77	91.67	0.52	3.51	1.00	0.04
4.78	92.91	0.53	3.46	1.00	0.03	4.79	93.28	0.53	3.45	1.00	0.03
4.80	91.52	0.52	3.51	1.00	0.04	4.81	90.12	0.51	3.57	1.00	0.04
4.82	85.13	0.48	3.77	1.00	0.04	4.83	89.03	0.50	3.61	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	86.68	0.49	3.71	1.00	0.04	4.85	90.51	0.51	3.55	1.00	0.04
4.86	94.34	0.53	3.41	1.00	0.03	4.87	97.95	0.56	3.28	1.00	0.03
4.88	101.77	0.58	3.16	1.00	0.03	4.89	106.75	0.62	3.00	1.00	0.03
4.90	116.12	0.71	2.75	1.00	0.03	4.91	117.99	0.74	2.70	1.00	0.03
4.92	115.69	0.71	2.76	1.00	0.03	4.93	115.61	0.71	2.76	1.00	0.03
4.94	112.18	0.67	2.85	1.00	0.03	4.95	94.09	0.53	3.42	1.00	0.03
4.96	94.03	0.53	3.42	1.00	0.03	4.97	97.71	0.55	3.29	1.00	0.03
4.98	94.37	0.53	3.41	1.00	0.03	4.99	90.83	0.51	3.54	1.00	0.04
5.00	87.60	0.49	3.67	1.00	0.04	5.01	82.70	0.47	3.88	1.00	0.04
5.02	82.52	0.47	3.89	1.00	0.04	5.03	83.53	0.47	3.84	1.00	0.04
5.04	85.16	0.48	3.77	1.00	0.04	5.05	85.75	0.48	3.75	1.00	0.04
5.06	86.33	0.48	3.72	1.00	0.04	5.07	86.40	0.48	3.72	1.00	0.04
5.08	85.65	0.48	3.75	1.00	0.04	5.09	85.95	0.48	3.74	1.00	0.04
5.10	87.46	0.49	3.68	1.00	0.04	5.11	86.63	0.48	3.71	1.00	0.04
5.12	84.02	0.47	3.82	1.00	0.04	5.13	84.20	0.47	3.81	1.00	0.04
5.14	82.70	0.47	3.88	1.00	0.04	5.15	81.39	0.46	3.94	1.00	0.04
5.16	80.49	0.45	3.99	1.00	0.04	5.17	79.56	0.45	4.03	1.00	0.04
5.18	78.97	0.45	4.06	1.00	0.04	5.19	78.50	0.45	4.08	1.00	0.04
5.20	78.22	0.44	4.10	1.00	0.04	5.21	77.07	0.44	4.15	1.00	0.04
5.22	77.01	0.44	4.16	1.00	0.04	5.23	76.80	0.44	4.17	1.00	0.04
5.24	77.23	0.44	4.15	1.00	0.04	5.25	77.72	0.44	4.12	1.00	0.04
5.26	78.53	0.44	4.08	1.00	0.04	5.27	79.35	0.45	4.04	1.00	0.04
5.28	80.07	0.45	4.01	1.00	0.04	5.29	80.47	0.45	3.99	1.00	0.04
5.30	79.91	0.45	4.01	1.00	0.04	5.31	77.77	0.44	4.12	1.00	0.04
5.32	76.39	0.43	4.19	1.00	0.04	5.33	76.53	0.44	4.18	1.00	0.04
5.34	76.02	0.43	4.21	1.00	0.04	5.35	76.12	0.43	4.20	1.00	0.04
5.36	77.23	0.44	4.15	1.00	0.04	5.37	79.13	0.45	4.05	1.00	0.04
5.38	81.25	0.46	3.95	1.00	0.04	5.39	83.25	0.46	3.86	1.00	0.04
5.40	84.62	0.47	3.80	1.00	0.04	5.41	88.63	0.49	3.63	1.00	0.04
5.42	89.15	0.49	3.61	1.00	0.04	5.43	90.13	0.50	3.57	1.00	0.04
5.44	89.66	0.50	3.59	1.00	0.04	5.45	89.69	0.50	3.59	1.00	0.04
5.46	88.87	0.49	3.62	1.00	0.04	5.47	88.43	0.49	3.64	1.00	0.04
5.48	86.96	0.48	3.70	1.00	0.04	5.49	85.38	0.47	3.76	1.00	0.04
5.50	83.14	0.46	3.86	1.00	0.04	5.51	78.93	0.44	4.06	1.00	0.04
5.52	77.73	0.44	4.12	1.00	0.04	5.53	77.41	0.44	4.14	1.00	0.04
5.54	77.83	0.44	4.12	1.00	0.04	5.55	78.69	0.44	4.07	1.00	0.04
5.56	79.90	0.45	4.01	1.00	0.04	5.57	81.83	0.46	3.92	1.00	0.04
5.58	84.18	0.47	3.82	1.00	0.04	5.59	86.57	0.48	3.71	1.00	0.04
5.60	88.42	0.49	3.64	1.00	0.04	5.61	94.06	0.52	3.42	1.00	0.03
5.62	97.62	0.54	3.29	1.00	0.03	5.63	102.43	0.57	3.13	1.00	0.03
5.64	102.36	0.57	3.14	1.00	0.03	5.65	102.46	0.57	3.13	1.00	0.03
5.66	101.27	0.57	3.17	1.00	0.03	5.67	99.09	0.55	3.24	1.00	0.03
5.68	96.20	0.53	3.34	1.00	0.03	5.69	92.84	0.51	3.46	1.00	0.03
5.70	90.31	0.50	3.56	1.00	0.04	5.71	86.48	0.48	3.72	1.00	0.04
5.72	83.62	0.46	3.84	1.00	0.04	5.73	78.73	0.44	4.07	1.00	0.04
5.74	78.83	0.44	4.07	1.00	0.04	5.75	76.76	0.43	4.17	1.00	0.04
5.76	76.49	0.43	4.18	1.00	0.04	5.77	78.50	0.44	4.08	1.00	0.04
5.78	82.21	0.46	3.90	1.00	0.04	5.79	85.87	0.47	3.74	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	90.91	0.50	3.54	1.00	0.04	5.81	91.94	0.50	3.50	1.00	0.03
5.82	95.44	0.52	3.37	1.00	0.03	5.83	93.01	0.51	3.46	1.00	0.03
5.84	95.29	0.52	3.37	1.00	0.03	5.85	93.80	0.51	3.43	1.00	0.03
5.86	92.65	0.51	3.47	1.00	0.03	5.87	91.19	0.50	3.53	1.00	0.04
5.88	90.01	0.49	3.57	1.00	0.04	5.89	88.81	0.49	3.62	1.00	0.04
5.90	88.40	0.48	3.64	1.00	0.04	5.91	88.00	0.48	3.65	1.00	0.04
5.92	87.12	0.48	3.69	1.00	0.04	5.93	90.38	0.49	3.56	1.00	0.04
5.94	91.69	0.50	3.51	1.00	0.04	5.95	93.83	0.51	3.43	1.00	0.03
5.96	94.68	0.52	3.40	1.00	0.03	5.97	94.96	0.52	3.39	1.00	0.03
5.98	94.93	0.52	3.39	1.00	0.03	5.99	94.22	0.52	3.41	1.00	0.03
6.00	93.43	0.51	3.44	1.00	0.03	6.01	93.49	0.51	3.44	1.00	0.03
6.02	93.42	0.51	3.44	1.00	0.03	6.03	93.35	0.51	3.44	1.00	0.03
6.04	91.20	0.50	3.53	1.00	0.04	6.05	89.76	0.49	3.58	1.00	0.04
6.06	85.11	0.47	3.78	1.00	0.04	6.07	84.84	0.47	3.79	1.00	0.04
6.08	82.22	0.45	3.90	1.00	0.04	6.09	82.79	0.46	3.88	1.00	0.04
6.10	82.99	0.46	3.87	1.00	0.04	6.11	82.94	0.46	3.87	1.00	0.04
6.12	83.69	0.46	3.84	1.00	0.04	6.13	85.37	0.47	3.76	1.00	0.04
6.14	87.03	0.48	3.69	1.00	0.04	6.15	90.10	0.49	3.57	1.00	0.04
6.16	87.97	0.48	3.65	1.00	0.04	6.17	87.21	0.48	3.69	1.00	0.04
6.18	84.93	0.46	3.78	1.00	0.04	6.19	82.93	0.46	3.87	1.00	0.04
6.20	81.03	0.45	3.96	1.00	0.04	6.21	77.02	0.43	4.16	1.00	0.04
6.22	78.51	0.44	4.08	1.00	0.04	6.23	83.86	0.46	3.83	1.00	0.04
6.24	88.92	0.48	3.62	1.00	0.04	6.25	92.56	0.50	3.47	1.00	0.03
6.26	91.26	0.50	3.52	1.00	0.04	6.27	92.05	0.50	3.49	1.00	0.03
6.28	88.82	0.48	3.62	1.00	0.04	6.29	91.66	0.50	3.51	1.00	0.04
6.30	87.77	0.48	3.66	1.00	0.04	6.31	92.04	0.50	3.49	1.00	0.03
6.32	87.01	0.47	3.69	1.00	0.04	6.33	86.96	0.47	3.70	1.00	0.04
6.34	81.17	0.45	3.95	1.00	0.04	6.35	83.11	0.46	3.86	1.00	0.04
6.36	80.44	0.44	3.99	1.00	0.04	6.37	21.28	2.00	0.00	1.00	0.00
6.38	17.10	2.00	0.00	1.00	0.00	6.39	19.27	2.00	0.00	1.00	0.00
6.40	88.04	0.48	3.65	1.00	0.04	6.41	85.76	0.47	3.75	1.00	0.04
6.42	90.43	0.49	3.56	1.00	0.04	6.43	94.80	0.52	3.39	1.00	0.03
6.44	93.91	0.51	3.42	1.00	0.03	6.45	95.84	0.52	3.35	1.00	0.03
6.46	94.02	0.51	3.42	1.00	0.03	6.47	93.77	0.51	3.43	1.00	0.03
6.48	94.66	0.51	3.40	1.00	0.03	6.49	91.77	0.50	3.50	1.00	0.04
6.50	96.11	0.52	3.35	1.00	0.03	6.51	92.86	0.50	3.46	1.00	0.03
6.52	92.08	0.50	3.49	1.00	0.03	6.53	94.16	0.51	3.42	1.00	0.03
6.54	88.79	0.48	3.62	1.00	0.04	6.55	89.78	0.49	3.58	1.00	0.04
6.56	87.44	0.47	3.68	1.00	0.04	6.57	91.07	0.49	3.53	1.00	0.04
6.58	93.49	0.51	3.44	1.00	0.03	6.59	100.66	0.55	3.19	1.00	0.03
6.60	100.58	0.55	3.19	1.00	0.03	6.61	102.40	0.56	3.14	1.00	0.03
6.62	104.41	0.58	3.07	1.00	0.03	6.63	104.87	0.58	3.06	1.00	0.03
6.64	103.55	0.57	3.10	1.00	0.03	6.65	103.49	0.57	3.10	1.00	0.03
6.66	102.17	0.56	3.14	1.00	0.03	6.67	100.28	0.55	3.20	1.00	0.03
6.68	99.69	0.54	3.22	1.00	0.03	6.69	98.11	0.53	3.28	1.00	0.03
6.70	98.05	0.53	3.28	1.00	0.03	6.71	97.32	0.53	3.30	1.00	0.03
6.72	95.68	0.52	3.36	1.00	0.03	6.73	94.28	0.51	3.41	1.00	0.03
6.74	92.06	0.50	3.49	1.00	0.03	6.75	92.08	0.50	3.49	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	91.44	0.49	3.52	1.00	0.04	6.77	90.02	0.49	3.57	1.00	0.04
6.78	90.05	0.49	3.57	1.00	0.04	6.79	87.69	0.47	3.67	1.00	0.04
6.80	88.89	0.48	3.62	1.00	0.04	6.81	87.30	0.47	3.68	1.00	0.04
6.82	84.49	0.46	3.80	1.00	0.04	6.83	83.21	0.45	3.86	1.00	0.04
6.84	81.25	0.44	3.95	1.00	0.04	6.85	81.31	0.44	3.95	1.00	0.04
6.86	81.19	0.44	3.95	1.00	0.04	6.87	80.45	0.44	3.99	1.00	0.04
6.88	82.52	0.45	3.89	1.00	0.04	6.89	82.86	0.45	3.88	1.00	0.04
6.90	84.84	0.46	3.79	1.00	0.04	6.91	84.96	0.46	3.78	1.00	0.04
6.92	85.48	0.46	3.76	1.00	0.04	6.93	83.37	0.45	3.85	1.00	0.04
6.94	82.36	0.45	3.90	1.00	0.04	6.95	79.95	0.44	4.01	1.00	0.04
6.96	83.80	0.46	3.83	1.00	0.04	6.97	87.93	0.48	3.66	1.00	0.04
6.98	91.91	0.50	3.50	1.00	0.03	6.99	95.27	0.52	3.37	1.00	0.03
7.00	98.65	0.54	3.26	1.00	0.03	7.01	97.94	0.53	3.28	1.00	0.03
7.02	99.74	0.54	3.22	1.00	0.03	7.03	100.88	0.55	3.18	1.00	0.03
7.04	100.04	0.55	3.21	1.00	0.03	7.05	98.51	0.54	3.26	1.00	0.03
7.06	96.59	0.52	3.33	1.00	0.03	7.07	93.02	0.50	3.46	1.00	0.03
7.08	90.74	0.49	3.54	1.00	0.04	7.09	84.42	0.46	3.81	1.00	0.04
7.10	85.10	0.46	3.78	1.00	0.04	7.11	83.33	0.45	3.85	1.00	0.04
7.12	85.44	0.46	3.76	1.00	0.04	7.13	86.89	0.47	3.70	1.00	0.04
7.14	86.42	0.47	3.72	1.00	0.04	7.15	86.47	0.47	3.72	1.00	0.04
7.16	86.25	0.47	3.73	1.00	0.04	7.17	86.00	0.47	3.74	1.00	0.04
7.18	88.09	0.48	3.65	1.00	0.04	7.19	88.77	0.48	3.62	1.00	0.04
7.20	88.36	0.48	3.64	1.00	0.04	7.21	88.31	0.48	3.64	1.00	0.04
7.22	85.51	0.46	3.76	1.00	0.04	7.23	82.86	0.45	3.88	1.00	0.04
7.24	75.98	0.42	4.21	1.00	0.04	7.25	78.13	0.43	4.10	1.00	0.04
7.26	80.56	0.44	3.98	1.00	0.04	7.27	83.19	0.45	3.86	1.00	0.04
7.28	90.47	0.49	3.55	1.00	0.04	7.29	85.66	0.46	3.75	1.00	0.04
7.30	90.94	0.49	3.54	1.00	0.04	7.31	90.47	0.49	3.55	1.00	0.04
7.32	85.79	0.46	3.75	1.00	0.04	7.33	86.03	0.47	3.74	1.00	0.04
7.34	86.24	0.47	3.73	1.00	0.04	7.35	86.67	0.47	3.71	1.00	0.04
7.36	87.56	0.47	3.67	1.00	0.04	7.37	90.08	0.49	3.57	1.00	0.04
7.38	90.93	0.49	3.54	1.00	0.04	7.39	99.88	0.54	3.22	1.00	0.03
7.40	97.65	0.53	3.29	1.00	0.03	7.41	102.62	0.56	3.13	1.00	0.03
7.42	112.20	0.64	2.85	1.00	0.03	7.43	113.08	0.65	2.83	1.00	0.03
7.44	120.66	0.73	2.64	1.00	0.03	7.45	115.48	0.67	2.77	1.00	0.03
7.46	114.31	0.66	2.80	1.00	0.03	7.47	111.65	0.64	2.87	1.00	0.03
7.48	104.56	0.58	3.07	1.00	0.03	7.49	100.46	0.55	3.20	1.00	0.03
7.50	96.06	0.52	3.35	1.00	0.03	7.51	92.58	0.50	3.47	1.00	0.03
7.52	87.10	0.47	3.69	1.00	0.04	7.53	84.76	0.46	3.79	1.00	0.04
7.54	81.83	0.45	3.92	1.00	0.04	7.55	84.01	0.46	3.82	1.00	0.04
7.56	85.42	0.46	3.76	1.00	0.04	7.57	85.69	0.46	3.75	1.00	0.04
7.58	92.18	0.50	3.49	1.00	0.03	7.59	90.80	0.49	3.54	1.00	0.04
7.60	95.69	0.52	3.36	1.00	0.03	7.61	95.36	0.51	3.37	1.00	0.03
7.62	94.54	0.51	3.40	1.00	0.03	7.63	95.30	0.51	3.37	1.00	0.03
7.64	94.05	0.51	3.42	1.00	0.03	7.65	94.85	0.51	3.39	1.00	0.03
7.66	94.83	0.51	3.39	1.00	0.03	7.67	95.04	0.51	3.38	1.00	0.03
7.68	95.31	0.51	3.37	1.00	0.03	7.69	94.94	0.51	3.39	1.00	0.03
7.70	95.35	0.51	3.37	1.00	0.03	7.71	94.88	0.51	3.39	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	96.62	0.52	3.33	1.00	0.03	7.73	97.46	0.53	3.30	1.00	0.03
7.74	99.08	0.54	3.24	1.00	0.03	7.75	99.14	0.54	3.24	1.00	0.03
7.76	100.09	0.54	3.21	1.00	0.03	7.77	100.11	0.54	3.21	1.00	0.03
7.78	101.12	0.55	3.18	1.00	0.03	7.79	100.19	0.54	3.21	1.00	0.03
7.80	99.79	0.54	3.22	1.00	0.03	7.81	98.13	0.53	3.28	1.00	0.03
7.82	96.24	0.52	3.34	1.00	0.03	7.83	95.28	0.51	3.37	1.00	0.03
7.84	94.63	0.51	3.40	1.00	0.03	7.85	93.89	0.51	3.42	1.00	0.03
7.86	92.95	0.50	3.46	1.00	0.03	7.87	92.43	0.50	3.48	1.00	0.03
7.88	92.21	0.50	3.49	1.00	0.03	7.89	92.07	0.50	3.49	1.00	0.03
7.90	90.92	0.49	3.54	1.00	0.04	7.91	89.20	0.48	3.60	1.00	0.04
7.92	87.01	0.47	3.69	1.00	0.04	7.93	87.58	0.47	3.67	1.00	0.04
7.94	81.81	0.45	3.92	1.00	0.04	7.95	80.04	0.44	4.01	1.00	0.04
7.96	81.52	0.44	3.94	1.00	0.04	7.97	78.70	0.43	4.07	1.00	0.04
7.98	79.34	0.43	4.04	1.00	0.04	7.99	80.88	0.44	3.97	1.00	0.04
8.00	82.48	0.45	3.89	1.00	0.04	8.01	83.74	0.45	3.84	1.00	0.04
8.02	84.33	0.46	3.81	1.00	0.04	8.03	84.91	0.46	3.78	1.00	0.04
8.04	84.82	0.46	3.79	1.00	0.04	8.05	84.42	0.46	3.81	1.00	0.04
8.06	82.97	0.45	3.87	1.00	0.04	8.07	82.06	0.45	3.91	1.00	0.04
8.08	79.86	0.44	4.02	1.00	0.04	8.09	78.11	0.43	4.10	1.00	0.04
8.10	77.63	0.43	4.13	1.00	0.04	8.11	77.17	0.43	4.15	1.00	0.04
8.12	77.84	0.43	4.12	1.00	0.04	8.13	79.16	0.43	4.05	1.00	0.04
8.14	81.61	0.44	3.93	1.00	0.04	8.15	84.65	0.46	3.80	1.00	0.04
8.16	85.70	0.46	3.75	1.00	0.04	8.17	86.90	0.47	3.70	1.00	0.04
8.18	87.41	0.47	3.68	1.00	0.04	8.19	88.44	0.48	3.64	1.00	0.04
8.20	88.46	0.48	3.63	1.00	0.04	8.21	90.39	0.49	3.56	1.00	0.04
8.22	89.46	0.48	3.59	1.00	0.04	8.23	88.57	0.48	3.63	1.00	0.04
8.24	87.11	0.47	3.69	1.00	0.04	8.25	85.03	0.46	3.78	1.00	0.04
8.26	84.02	0.46	3.82	1.00	0.04	8.27	82.89	0.45	3.87	1.00	0.04
8.28	80.79	0.44	3.97	1.00	0.04	8.29	77.84	0.43	4.12	1.00	0.04
8.30	76.07	0.42	4.21	1.00	0.04	8.31	74.39	0.42	4.30	1.00	0.04
8.32	75.18	0.42	4.25	1.00	0.04	8.33	75.22	0.42	4.25	1.00	0.04
8.34	77.49	0.43	4.13	1.00	0.04	8.35	79.14	0.43	4.05	1.00	0.04
8.36	83.14	0.45	3.86	1.00	0.04	8.37	82.96	0.45	3.87	1.00	0.04
8.38	85.69	0.46	3.75	1.00	0.04	8.39	86.00	0.46	3.74	1.00	0.04
8.40	87.07	0.47	3.69	1.00	0.04	8.41	87.10	0.47	3.69	1.00	0.04
8.42	87.48	0.47	3.67	1.00	0.04	8.43	88.74	0.48	3.62	1.00	0.04
8.44	88.01	0.47	3.65	1.00	0.04	8.45	87.89	0.47	3.66	1.00	0.04
8.46	89.44	0.48	3.59	1.00	0.04	8.47	90.83	0.49	3.54	1.00	0.04
8.48	93.85	0.51	3.43	1.00	0.03	8.49	94.78	0.51	3.39	1.00	0.03
8.50	96.16	0.52	3.34	1.00	0.03	8.51	96.66	0.52	3.33	1.00	0.03
8.52	97.44	0.53	3.30	1.00	0.03	8.53	98.33	0.53	3.27	1.00	0.03
8.54	97.82	0.53	3.29	1.00	0.03	8.55	97.63	0.53	3.29	1.00	0.03
8.56	96.50	0.52	3.33	1.00	0.03	8.57	94.50	0.51	3.40	1.00	0.03
8.58	92.67	0.50	3.47	1.00	0.03	8.59	91.24	0.49	3.52	1.00	0.04
8.60	90.72	0.49	3.54	1.00	0.04	8.61	89.48	0.48	3.59	1.00	0.04
8.62	87.17	0.47	3.69	1.00	0.04	8.63	86.79	0.47	3.70	1.00	0.04
8.64	85.25	0.46	3.77	1.00	0.04	8.65	86.38	0.47	3.72	1.00	0.04
8.66	86.11	0.47	3.73	1.00	0.04	8.67	84.03	0.46	3.82	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	83.60	0.45	3.84	1.00	0.04	8.69	81.22	0.44	3.95	1.00	0.04
8.70	82.29	0.45	3.90	1.00	0.04	8.71	81.78	0.45	3.92	1.00	0.04
8.72	81.55	0.44	3.94	1.00	0.04	8.73	80.05	0.44	4.01	1.00	0.04
8.74	80.41	0.44	3.99	1.00	0.04	8.75	77.68	0.43	4.12	1.00	0.04
8.76	78.99	0.43	4.06	1.00	0.04	8.77	78.03	0.43	4.11	1.00	0.04
8.78	73.78	0.41	4.33	1.00	0.04	8.79	17.15	2.00	0.00	1.00	0.00
8.80	13.97	2.00	0.00	1.00	0.00	8.81	13.95	2.00	0.00	1.00	0.00
8.82	12.73	2.00	0.00	1.00	0.00	8.83	11.34	2.00	0.00	1.00	0.00
8.84	9.27	2.00	0.00	1.00	0.00	8.85	8.73	2.00	0.00	1.00	0.00
8.86	8.04	2.00	0.00	1.00	0.00	8.87	8.04	2.00	0.00	1.00	0.00
8.88	8.50	2.00	0.00	1.00	0.00	8.89	14.30	2.00	0.00	1.00	0.00
8.90	19.02	2.00	0.00	1.00	0.00	8.91	86.36	0.47	3.72	1.00	0.04
8.92	84.17	0.46	3.82	1.00	0.04	8.93	87.80	0.47	3.66	1.00	0.04
8.94	85.43	0.46	3.76	1.00	0.04	8.95	86.97	0.47	3.70	1.00	0.04
8.96	86.34	0.47	3.72	1.00	0.04	8.97	85.20	0.46	3.77	1.00	0.04
8.98	87.69	0.47	3.67	1.00	0.04	8.99	85.41	0.46	3.76	1.00	0.04
9.00	86.30	0.47	3.72	1.00	0.04	9.01	85.07	0.46	3.78	1.00	0.04
9.02	84.55	0.46	3.80	1.00	0.04	9.03	83.85	0.46	3.83	1.00	0.04
9.04	83.70	0.45	3.84	1.00	0.04	9.05	83.45	0.45	3.85	1.00	0.04
9.06	82.89	0.45	3.87	1.00	0.04	9.07	82.63	0.45	3.89	1.00	0.04
9.08	81.89	0.45	3.92	1.00	0.04	9.09	81.50	0.44	3.94	1.00	0.04
9.10	81.50	0.44	3.94	1.00	0.04	9.11	81.72	0.45	3.93	1.00	0.04
9.12	82.10	0.45	3.91	1.00	0.04	9.13	83.37	0.45	3.85	1.00	0.04
9.14	82.98	0.45	3.87	1.00	0.04	9.15	83.29	0.45	3.86	1.00	0.04
9.16	85.11	0.46	3.78	1.00	0.04	9.17	85.68	0.46	3.75	1.00	0.04
9.18	87.94	0.47	3.66	1.00	0.04	9.19	87.70	0.47	3.67	1.00	0.04
9.20	88.59	0.48	3.63	1.00	0.04	9.21	91.71	0.49	3.51	1.00	0.04
9.22	92.22	0.50	3.49	1.00	0.03	9.23	96.08	0.52	3.35	1.00	0.03
9.24	93.39	0.50	3.44	1.00	0.03	9.25	92.48	0.50	3.48	1.00	0.03
9.26	92.26	0.50	3.49	1.00	0.03	9.27	88.04	0.48	3.65	1.00	0.04
9.28	87.67	0.47	3.67	1.00	0.04	9.29	84.15	0.46	3.82	1.00	0.04
9.30	83.14	0.45	3.86	1.00	0.04	9.31	81.47	0.45	3.94	1.00	0.04
9.32	79.34	0.44	4.04	1.00	0.04	9.33	76.32	0.42	4.19	1.00	0.04
9.34	72.92	0.41	4.38	1.00	0.04	9.35	72.22	0.41	4.42	1.00	0.04
9.36	73.56	0.41	4.34	1.00	0.04	9.37	75.86	0.42	4.22	1.00	0.04
9.38	78.81	0.43	4.07	1.00	0.04	9.39	80.69	0.44	3.98	1.00	0.04
9.40	81.90	0.45	3.92	1.00	0.04	9.41	82.60	0.45	3.89	1.00	0.04
9.42	82.71	0.45	3.88	1.00	0.04	9.43	84.01	0.46	3.82	1.00	0.04
9.44	81.87	0.45	3.92	1.00	0.04	9.45	82.62	0.45	3.89	1.00	0.04
9.46	79.76	0.44	4.02	1.00	0.04	9.47	78.85	0.43	4.07	1.00	0.04
9.48	77.56	0.43	4.13	1.00	0.04	9.49	77.27	0.43	4.14	1.00	0.04
9.50	76.70	0.43	4.17	1.00	0.04	9.51	77.62	0.43	4.13	1.00	0.04
9.52	77.98	0.43	4.11	1.00	0.04	9.53	76.90	0.43	4.16	1.00	0.04
9.54	77.14	0.43	4.15	1.00	0.04	9.55	76.60	0.43	4.18	1.00	0.04
9.56	77.13	0.43	4.15	1.00	0.04	9.57	77.27	0.43	4.14	1.00	0.04
9.58	77.95	0.43	4.11	1.00	0.04	9.59	78.46	0.43	4.08	1.00	0.04
9.60	80.18	0.44	4.00	1.00	0.04	9.61	79.94	0.44	4.01	1.00	0.04
9.62	80.95	0.44	3.96	1.00	0.04	9.63	82.53	0.45	3.89	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	84.21	0.46	3.81	1.00	0.04	9.65	87.23	0.47	3.69	1.00	0.04
9.66	87.49	0.47	3.67	1.00	0.04	9.67	90.58	0.49	3.55	1.00	0.04
9.68	91.32	0.49	3.52	1.00	0.04	9.69	93.60	0.51	3.44	1.00	0.03
9.70	93.54	0.51	3.44	1.00	0.03	9.71	96.11	0.52	3.35	1.00	0.03
9.72	95.04	0.51	3.38	1.00	0.03	9.73	97.02	0.53	3.31	1.00	0.03
9.74	97.15	0.53	3.31	1.00	0.03	9.75	96.55	0.52	3.33	1.00	0.03
9.76	96.93	0.53	3.32	1.00	0.03	9.77	96.82	0.53	3.32	1.00	0.03
9.78	96.92	0.53	3.32	1.00	0.03	9.79	96.53	0.52	3.33	1.00	0.03
9.80	96.41	0.52	3.33	1.00	0.03	9.81	95.42	0.52	3.37	1.00	0.03
9.82	95.43	0.52	3.37	1.00	0.03	9.83	94.47	0.51	3.40	1.00	0.03
9.84	93.65	0.51	3.43	1.00	0.03	9.85	93.28	0.51	3.45	1.00	0.03
9.86	91.81	0.50	3.50	1.00	0.04	9.87	90.92	0.49	3.54	1.00	0.04
9.88	90.24	0.49	3.56	1.00	0.04	9.89	91.00	0.49	3.53	1.00	0.04
9.90	89.44	0.48	3.59	1.00	0.04	9.91	91.79	0.50	3.50	1.00	0.04
9.92	84.63	0.46	3.80	1.00	0.04	9.93	88.88	0.48	3.62	1.00	0.04
9.94	85.70	0.47	3.75	1.00	0.04	9.95	84.63	0.46	3.80	1.00	0.04
9.96	74.67	0.42	4.28	1.00	0.04	9.97	76.87	0.43	4.17	1.00	0.04
9.98	18.76	2.00	0.00	1.00	0.00	9.99	15.86	2.00	0.00	1.00	0.00
10.00	14.80	2.00	0.00	1.00	0.00	10.01	13.05	2.00	0.00	1.00	0.00
10.02	13.04	2.00	0.00	1.00	0.00	10.03	12.29	2.00	0.00	1.00	0.00
10.04	11.94	2.00	0.00	1.00	0.00	10.05	10.69	2.00	0.00	1.00	0.00
10.06	10.48	2.00	0.00	1.00	0.00	10.07	10.03	2.00	0.00	1.00	0.00
10.08	10.02	2.00	0.00	1.00	0.00	10.09	9.57	2.00	0.00	1.00	0.00
10.10	9.16	2.00	0.00	1.00	0.00	10.11	8.91	2.00	0.00	1.00	0.00
10.12	8.91	2.00	0.00	1.00	0.00	10.13	8.85	2.00	0.00	1.00	0.00
10.14	8.79	2.00	0.00	1.00	0.00	10.15	8.79	2.00	0.00	1.00	0.00
10.16	8.74	2.00	0.00	1.00	0.00	10.17	8.93	2.00	0.00	1.00	0.00
10.18	8.93	2.00	0.00	1.00	0.00	10.19	9.13	2.00	0.00	1.00	0.00
10.20	9.37	2.00	0.00	1.00	0.00	10.21	9.56	2.00	0.00	1.00	0.00
10.22	9.86	2.00	0.00	1.00	0.00	10.23	9.85	2.00	0.00	1.00	0.00
10.24	10.00	2.00	0.00	1.00	0.00	10.25	10.18	2.00	0.00	1.00	0.00
10.26	10.29	2.00	0.00	1.00	0.00	10.27	10.23	2.00	0.00	1.00	0.00
10.28	10.22	2.00	0.00	1.00	0.00	10.29	10.27	2.00	0.00	1.00	0.00
10.30	10.27	2.00	0.00	1.00	0.00	10.31	10.30	2.00	0.00	1.00	0.00
10.32	10.30	2.00	0.00	1.00	0.00	10.33	10.14	2.00	0.00	1.00	0.00
10.34	10.14	2.00	0.00	1.00	0.00	10.35	10.24	2.00	0.00	1.00	0.00
10.36	10.43	2.00	0.00	1.00	0.00	10.37	10.62	2.00	0.00	1.00	0.00
10.38	10.91	2.00	0.00	1.00	0.00	10.39	10.91	2.00	0.00	1.00	0.00
10.40	11.05	2.00	0.00	1.00	0.00	10.41	11.19	2.00	0.00	1.00	0.00
10.42	11.18	2.00	0.00	1.00	0.00	10.43	11.13	2.00	0.00	1.00	0.00
10.44	10.77	2.00	0.00	1.00	0.00	10.45	10.77	2.00	0.00	1.00	0.00
10.46	10.81	2.00	0.00	1.00	0.00	10.47	10.86	2.00	0.00	1.00	0.00
10.48	10.86	2.00	0.00	1.00	0.00	10.49	11.00	2.00	0.00	1.00	0.00
10.50	11.77	2.00	0.00	1.00	0.00	10.51	11.76	2.00	0.00	1.00	0.00
10.52	12.00	2.00	0.00	1.00	0.00	10.53	12.28	2.00	0.00	1.00	0.00
10.54	12.43	2.00	0.00	1.00	0.00	10.55	12.66	2.00	0.00	1.00	0.00
10.56	12.65	2.00	0.00	1.00	0.00	10.57	12.84	2.00	0.00	1.00	0.00
10.58	12.93	2.00	0.00	1.00	0.00	10.59	13.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	13.45	2.00	0.00	1.00	0.00	10.61	13.44	2.00	0.00	1.00	0.00
10.62	13.44	2.00	0.00	1.00	0.00	10.63	13.34	2.00	0.00	1.00	0.00
10.64	13.48	2.00	0.00	1.00	0.00	10.65	13.91	2.00	0.00	1.00	0.00
10.66	14.14	2.00	0.00	1.00	0.00	10.67	14.18	2.00	0.00	1.00	0.00
10.68	14.18	2.00	0.00	1.00	0.00	10.69	14.17	2.00	0.00	1.00	0.00
10.70	13.82	2.00	0.00	1.00	0.00	10.71	13.67	2.00	0.00	1.00	0.00
10.72	13.60	2.00	0.00	1.00	0.00	10.73	13.61	2.00	0.00	1.00	0.00
10.74	13.55	2.00	0.00	1.00	0.00	10.75	13.64	2.00	0.00	1.00	0.00
10.76	13.83	2.00	0.00	1.00	0.00	10.77	13.77	2.00	0.00	1.00	0.00
10.78	13.61	2.00	0.00	1.00	0.00	10.79	13.46	2.00	0.00	1.00	0.00
10.80	13.27	2.00	0.00	1.00	0.00	10.81	13.07	2.00	0.00	1.00	0.00
10.82	12.68	2.00	0.00	1.00	0.00	10.83	12.67	2.00	0.00	1.00	0.00
10.84	12.67	2.00	0.00	1.00	0.00	10.85	12.66	2.00	0.00	1.00	0.00
10.86	12.65	2.00	0.00	1.00	0.00	10.87	12.45	2.00	0.00	1.00	0.00
10.88	12.50	2.00	0.00	1.00	0.00	10.89	12.30	2.00	0.00	1.00	0.00
10.90	12.49	2.00	0.00	1.00	0.00	10.91	12.28	2.00	0.00	1.00	0.00
10.92	12.28	2.00	0.00	1.00	0.00	10.93	12.61	2.00	0.00	1.00	0.00
10.94	12.60	2.00	0.00	1.00	0.00	10.95	13.70	2.00	0.00	1.00	0.00
10.96	12.95	2.00	0.00	1.00	0.00	10.97	12.30	2.00	0.00	1.00	0.00
10.98	12.87	2.00	0.00	1.00	0.00	10.99	12.66	2.00	0.00	1.00	0.00
11.00	12.47	2.00	0.00	1.00	0.00	11.01	12.32	2.00	0.00	1.00	0.00
11.02	12.13	2.00	0.00	1.00	0.00	11.03	12.03	2.00	0.00	1.00	0.00
11.04	11.54	2.00	0.00	1.00	0.00	11.05	11.35	2.00	0.00	1.00	0.00
11.06	10.82	2.00	0.00	1.00	0.00	11.07	10.82	2.00	0.00	1.00	0.00
11.08	10.53	2.00	0.00	1.00	0.00	11.09	10.09	2.00	0.00	1.00	0.00
11.10	9.89	2.00	0.00	1.00	0.00	11.11	9.60	2.00	0.00	1.00	0.00
11.12	9.60	2.00	0.00	1.00	0.00	11.13	9.45	2.00	0.00	1.00	0.00
11.14	9.35	2.00	0.00	1.00	0.00	11.15	9.17	2.00	0.00	1.00	0.00
11.16	9.16	2.00	0.00	1.00	0.00	11.17	9.16	2.00	0.00	1.00	0.00
11.18	9.15	2.00	0.00	1.00	0.00	11.19	9.24	2.00	0.00	1.00	0.00
11.20	9.33	2.00	0.00	1.00	0.00	11.21	9.27	2.00	0.00	1.00	0.00
11.22	9.55	2.00	0.00	1.00	0.00	11.23	10.03	2.00	0.00	1.00	0.00
11.24	10.02	2.00	0.00	1.00	0.00	11.25	10.11	2.00	0.00	1.00	0.00
11.26	10.67	2.00	0.00	1.00	0.00	11.27	10.81	2.00	0.00	1.00	0.00
11.28	11.13	2.00	0.00	1.00	0.00	11.29	11.17	2.00	0.00	1.00	0.00
11.30	11.40	2.00	0.00	1.00	0.00	11.31	11.50	2.00	0.00	1.00	0.00
11.32	11.63	2.00	0.00	1.00	0.00	11.33	11.67	2.00	0.00	1.00	0.00
11.34	11.61	2.00	0.00	1.00	0.00	11.35	11.57	2.00	0.00	1.00	0.00
11.36	11.51	2.00	0.00	1.00	0.00	11.37	11.36	2.00	0.00	1.00	0.00
11.38	11.36	2.00	0.00	1.00	0.00	11.39	11.21	2.00	0.00	1.00	0.00
11.40	11.12	2.00	0.00	1.00	0.00	11.41	11.11	2.00	0.00	1.00	0.00
11.42	11.20	2.00	0.00	1.00	0.00	11.43	11.38	2.00	0.00	1.00	0.00
11.44	11.33	2.00	0.00	1.00	0.00	11.45	11.14	2.00	0.00	1.00	0.00
11.46	11.13	2.00	0.00	1.00	0.00	11.47	11.17	2.00	0.00	1.00	0.00
11.48	10.98	2.00	0.00	1.00	0.00	11.49	10.93	2.00	0.00	1.00	0.00
11.50	10.97	2.00	0.00	1.00	0.00	11.51	10.97	2.00	0.00	1.00	0.00
11.52	11.05	2.00	0.00	1.00	0.00	11.53	11.10	2.00	0.00	1.00	0.00
11.54	11.18	2.00	0.00	1.00	0.00	11.55	11.32	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	11.54	2.00	0.00	1.00	0.00	11.57	11.54	2.00	0.00	1.00	0.00
11.58	11.53	2.00	0.00	1.00	0.00	11.59	11.25	2.00	0.00	1.00	0.00
11.60	11.15	2.00	0.00	1.00	0.00	11.61	10.92	2.00	0.00	1.00	0.00
11.62	10.91	2.00	0.00	1.00	0.00	11.63	10.86	2.00	0.00	1.00	0.00
11.64	10.81	2.00	0.00	1.00	0.00	11.65	10.76	2.00	0.00	1.00	0.00
11.66	10.70	2.00	0.00	1.00	0.00	11.67	10.61	2.00	0.00	1.00	0.00
11.68	10.60	2.00	0.00	1.00	0.00	11.69	10.60	2.00	0.00	1.00	0.00
11.70	10.40	2.00	0.00	1.00	0.00	11.71	10.26	2.00	0.00	1.00	0.00
11.72	10.07	2.00	0.00	1.00	0.00	11.73	10.07	2.00	0.00	1.00	0.00
11.74	10.02	2.00	0.00	1.00	0.00	11.75	9.96	2.00	0.00	1.00	0.00
11.76	10.01	2.00	0.00	1.00	0.00	11.77	10.14	2.00	0.00	1.00	0.00
11.78	10.27	2.00	0.00	1.00	0.00	11.79	10.27	2.00	0.00	1.00	0.00
11.80	10.31	2.00	0.00	1.00	0.00	11.81	10.31	2.00	0.00	1.00	0.00
11.82	10.30	2.00	0.00	1.00	0.00	11.83	10.02	2.00	0.00	1.00	0.00
11.84	10.02	2.00	0.00	1.00	0.00	11.85	9.83	2.00	0.00	1.00	0.00
11.86	9.78	2.00	0.00	1.00	0.00	11.87	9.73	2.00	0.00	1.00	0.00
11.88	9.72	2.00	0.00	1.00	0.00	11.89	9.90	2.00	0.00	1.00	0.00
11.90	9.89	2.00	0.00	1.00	0.00	11.91	9.99	2.00	0.00	1.00	0.00
11.92	10.21	2.00	0.00	1.00	0.00	11.93	10.15	2.00	0.00	1.00	0.00
11.94	10.06	2.00	0.00	1.00	0.00	11.95	8.84	2.00	0.00	1.00	0.00
11.96	7.58	2.00	0.00	1.00	0.00	11.97	8.53	2.00	0.00	1.00	0.00
11.98	10.50	2.00	0.00	1.00	0.00	11.99	10.72	2.00	0.00	1.00	0.00
12.00	10.81	2.00	0.00	1.00	0.00	12.01	10.94	2.00	0.00	1.00	0.00
12.02	11.02	2.00	0.00	1.00	0.00	12.03	11.34	2.00	0.00	1.00	0.00
12.04	11.34	2.00	0.00	1.00	0.00	12.05	11.69	2.00	0.00	1.00	0.00
12.06	12.37	2.00	0.00	1.00	0.00	12.07	12.64	2.00	0.00	1.00	0.00
12.08	12.95	2.00	0.00	1.00	0.00	12.09	12.94	2.00	0.00	1.00	0.00
12.10	12.99	2.00	0.00	1.00	0.00	12.11	13.12	2.00	0.00	1.00	0.00
12.12	12.98	2.00	0.00	1.00	0.00	12.13	12.78	2.00	0.00	1.00	0.00
12.14	12.78	2.00	0.00	1.00	0.00	12.15	12.73	2.00	0.00	1.00	0.00
12.16	12.68	2.00	0.00	1.00	0.00	12.17	12.76	2.00	0.00	1.00	0.00
12.18	12.67	2.00	0.00	1.00	0.00	12.19	12.66	2.00	0.00	1.00	0.00
12.20	12.66	2.00	0.00	1.00	0.00	12.21	12.65	2.00	0.00	1.00	0.00
12.22	12.56	2.00	0.00	1.00	0.00	12.23	12.55	2.00	0.00	1.00	0.00
12.24	12.54	2.00	0.00	1.00	0.00	12.25	12.68	2.00	0.00	1.00	0.00
12.26	12.57	2.00	0.00	1.00	0.00	12.27	12.48	2.00	0.00	1.00	0.00
12.28	12.20	2.00	0.00	1.00	0.00	12.29	12.11	2.00	0.00	1.00	0.00
12.30	12.10	2.00	0.00	1.00	0.00	12.31	12.19	2.00	0.00	1.00	0.00
12.32	12.23	2.00	0.00	1.00	0.00	12.33	12.09	2.00	0.00	1.00	0.00
12.34	11.54	2.00	0.00	1.00	0.00	12.35	11.54	2.00	0.00	1.00	0.00
12.36	11.09	2.00	0.00	1.00	0.00	12.37	10.32	2.00	0.00	1.00	0.00
12.38	10.08	2.00	0.00	1.00	0.00	12.39	9.58	2.00	0.00	1.00	0.00
12.40	9.58	2.00	0.00	1.00	0.00	12.41	9.35	2.00	0.00	1.00	0.00
12.42	9.21	2.00	0.00	1.00	0.00	12.43	9.21	2.00	0.00	1.00	0.00
12.44	9.12	2.00	0.00	1.00	0.00	12.45	8.75	2.00	0.00	1.00	0.00
12.46	8.75	2.00	0.00	1.00	0.00	12.47	8.62	2.00	0.00	1.00	0.00
12.48	8.25	2.00	0.00	1.00	0.00	12.49	8.07	2.00	0.00	1.00	0.00
12.50	7.75	2.00	0.00	1.00	0.00	12.51	7.75	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	7.52	2.00	0.00	1.00	0.00	12.53	7.39	2.00	0.00	1.00	0.00
12.54	7.43	2.00	0.00	1.00	0.00	12.55	7.11	2.00	0.00	1.00	0.00
12.56	7.11	2.00	0.00	1.00	0.00	12.57	6.93	2.00	0.00	1.00	0.00
12.58	6.75	2.00	0.00	1.00	0.00	12.59	6.53	2.00	0.00	1.00	0.00
12.60	6.48	2.00	0.00	1.00	0.00	12.61	6.34	2.00	0.00	1.00	0.00
12.62	6.34	2.00	0.00	1.00	0.00	12.63	6.29	2.00	0.00	1.00	0.00
12.64	6.25	2.00	0.00	1.00	0.00	12.65	6.24	2.00	0.00	1.00	0.00
12.66	6.11	2.00	0.00	1.00	0.00	12.67	6.11	2.00	0.00	1.00	0.00
12.68	6.14	2.00	0.00	1.00	0.00	12.69	6.19	2.00	0.00	1.00	0.00
12.70	6.14	2.00	0.00	1.00	0.00	12.71	6.13	2.00	0.00	1.00	0.00
12.72	6.13	2.00	0.00	1.00	0.00	12.73	6.22	2.00	0.00	1.00	0.00
12.74	6.53	2.00	0.00	1.00	0.00	12.75	6.74	2.00	0.00	1.00	0.00
12.76	6.97	2.00	0.00	1.00	0.00	12.77	6.96	2.00	0.00	1.00	0.00
12.78	7.18	2.00	0.00	1.00	0.00	12.79	7.44	2.00	0.00	1.00	0.00
12.80	7.92	2.00	0.00	1.00	0.00	12.81	8.14	2.00	0.00	1.00	0.00
12.82	8.67	2.00	0.00	1.00	0.00	12.83	8.66	2.00	0.00	1.00	0.00
12.84	8.84	2.00	0.00	1.00	0.00	12.85	9.19	2.00	0.00	1.00	0.00
12.86	9.32	2.00	0.00	1.00	0.00	12.87	9.58	2.00	0.00	1.00	0.00
12.88	9.58	2.00	0.00	1.00	0.00	12.89	9.57	2.00	0.00	1.00	0.00
12.90	9.52	2.00	0.00	1.00	0.00	12.91	9.52	2.00	0.00	1.00	0.00
12.92	9.47	2.00	0.00	1.00	0.00	12.93	9.46	2.00	0.00	1.00	0.00
12.94	9.50	2.00	0.00	1.00	0.00	12.95	9.50	2.00	0.00	1.00	0.00
12.96	9.45	2.00	0.00	1.00	0.00	12.97	9.94	2.00	0.00	1.00	0.00
12.98	9.93	2.00	0.00	1.00	0.00	12.99	10.10	2.00	0.00	1.00	0.00
13.00	10.19	2.00	0.00	1.00	0.00	13.01	10.18	2.00	0.00	1.00	0.00
13.02	10.09	2.00	0.00	1.00	0.00	13.03	10.04	2.00	0.00	1.00	0.00
13.04	9.78	2.00	0.00	1.00	0.00	13.05	9.77	2.00	0.00	1.00	0.00
13.06	9.72	2.00	0.00	1.00	0.00	13.07	9.67	2.00	0.00	1.00	0.00
13.08	9.36	2.00	0.00	1.00	0.00	13.09	9.23	2.00	0.00	1.00	0.00
13.10	9.09	2.00	0.00	1.00	0.00	13.11	9.09	2.00	0.00	1.00	0.00
13.12	8.91	2.00	0.00	1.00	0.00	13.13	8.87	2.00	0.00	1.00	0.00
13.14	8.69	2.00	0.00	1.00	0.00	13.15	8.68	2.00	0.00	1.00	0.00
13.16	8.59	2.00	0.00	1.00	0.00	13.17	8.50	2.00	0.00	1.00	0.00
13.18	8.24	2.00	0.00	1.00	0.00	13.19	8.01	2.00	0.00	1.00	0.00
13.20	7.58	2.00	0.00	1.00	0.00	13.21	7.58	2.00	0.00	1.00	0.00
13.22	7.40	2.00	0.00	1.00	0.00	13.23	7.44	2.00	0.00	1.00	0.00
13.24	7.48	2.00	0.00	1.00	0.00	13.25	7.35	2.00	0.00	1.00	0.00
13.26	7.35	2.00	0.00	1.00	0.00	13.27	7.34	2.00	0.00	1.00	0.00
13.28	7.47	2.00	0.00	1.00	0.00	13.29	7.68	2.00	0.00	1.00	0.00
13.30	8.02	2.00	0.00	1.00	0.00	13.31	8.02	2.00	0.00	1.00	0.00
13.32	8.02	2.00	0.00	1.00	0.00	13.33	8.06	2.00	0.00	1.00	0.00
13.34	8.27	2.00	0.00	1.00	0.00	13.35	8.61	2.00	0.00	1.00	0.00
13.36	8.61	2.00	0.00	1.00	0.00	13.37	8.78	2.00	0.00	1.00	0.00
13.38	8.95	2.00	0.00	1.00	0.00	13.39	9.17	2.00	0.00	1.00	0.00
13.40	9.07	2.00	0.00	1.00	0.00	13.41	9.07	2.00	0.00	1.00	0.00
13.42	9.06	2.00	0.00	1.00	0.00	13.43	9.06	2.00	0.00	1.00	0.00
13.44	9.15	2.00	0.00	1.00	0.00	13.45	9.14	2.00	0.00	1.00	0.00
13.46	8.97	2.00	0.00	1.00	0.00	13.47	8.96	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	8.91	2.00	0.00	1.00	0.00	13.49	9.04	2.00	0.00	1.00	0.00
13.50	9.13	2.00	0.00	1.00	0.00	13.51	9.12	2.00	0.00	1.00	0.00
13.52	9.12	2.00	0.00	1.00	0.00	13.53	9.12	2.00	0.00	1.00	0.00
13.54	8.94	2.00	0.00	1.00	0.00	13.55	8.93	2.00	0.00	1.00	0.00
13.56	9.01	2.00	0.00	1.00	0.00	13.57	9.01	2.00	0.00	1.00	0.00
13.58	9.05	2.00	0.00	1.00	0.00	13.59	9.00	2.00	0.00	1.00	0.00
13.60	9.04	2.00	0.00	1.00	0.00	13.61	9.21	2.00	0.00	1.00	0.00
13.62	9.20	2.00	0.00	1.00	0.00	13.63	9.29	2.00	0.00	1.00	0.00
13.64	9.58	2.00	0.00	1.00	0.00	13.65	9.75	2.00	0.00	1.00	0.00
13.66	10.35	2.00	0.00	1.00	0.00	13.67	10.34	2.00	0.00	1.00	0.00
13.68	10.60	2.00	0.00	1.00	0.00	13.69	10.89	2.00	0.00	1.00	0.00
13.70	10.88	2.00	0.00	1.00	0.00	13.71	10.63	2.00	0.00	1.00	0.00
13.72	10.63	2.00	0.00	1.00	0.00	13.73	10.49	2.00	0.00	1.00	0.00
13.74	10.53	2.00	0.00	1.00	0.00	13.75	10.57	2.00	0.00	1.00	0.00
13.76	10.82	2.00	0.00	1.00	0.00	13.77	10.82	2.00	0.00	1.00	0.00
13.78	10.94	2.00	0.00	1.00	0.00	13.79	11.06	2.00	0.00	1.00	0.00
13.80	11.40	2.00	0.00	1.00	0.00	13.81	11.60	2.00	0.00	1.00	0.00
13.82	11.60	2.00	0.00	1.00	0.00	13.83	11.60	2.00	0.00	1.00	0.00
13.84	11.43	2.00	0.00	1.00	0.00	13.85	11.07	2.00	0.00	1.00	0.00
13.86	10.99	2.00	0.00	1.00	0.00	13.87	10.60	2.00	0.00	1.00	0.00
13.88	10.59	2.00	0.00	1.00	0.00	13.89	10.34	2.00	0.00	1.00	0.00
13.90	10.12	2.00	0.00	1.00	0.00	13.91	10.04	2.00	0.00	1.00	0.00
13.92	9.82	2.00	0.00	1.00	0.00	13.93	9.82	2.00	0.00	1.00	0.00
13.94	9.81	2.00	0.00	1.00	0.00	13.95	9.72	2.00	0.00	1.00	0.00
13.96	9.63	2.00	0.00	1.00	0.00	13.97	9.97	2.00	0.00	1.00	0.00
13.98	9.96	2.00	0.00	1.00	0.00	13.99	9.96	2.00	0.00	1.00	0.00
14.00	9.95	2.00	0.00	1.00	0.00	14.01	10.29	2.00	0.00	1.00	0.00
14.02	10.37	2.00	0.00	1.00	0.00	14.03	10.45	2.00	0.00	1.00	0.00
14.04	10.45	2.00	0.00	1.00	0.00	14.05	10.40	2.00	0.00	1.00	0.00
14.06	10.19	2.00	0.00	1.00	0.00	14.07	10.01	2.00	0.00	1.00	0.00
14.08	9.84	2.00	0.00	1.00	0.00	14.09	9.84	2.00	0.00	1.00	0.00
14.10	9.71	2.00	0.00	1.00	0.00	14.11	9.62	2.00	0.00	1.00	0.00
14.12	9.57	2.00	0.00	1.00	0.00	14.13	9.70	2.00	0.00	1.00	0.00
14.14	9.69	2.00	0.00	1.00	0.00	14.15	9.81	2.00	0.00	1.00	0.00
14.16	9.97	2.00	0.00	1.00	0.00	14.17	10.06	2.00	0.00	1.00	0.00
14.18	10.35	2.00	0.00	1.00	0.00	14.19	10.34	2.00	0.00	1.00	0.00
14.20	10.46	2.00	0.00	1.00	0.00	14.21	10.63	2.00	0.00	1.00	0.00
14.22	10.63	2.00	0.00	1.00	0.00	14.23	10.50	2.00	0.00	1.00	0.00
14.24	10.49	2.00	0.00	1.00	0.00	14.25	10.49	2.00	0.00	1.00	0.00
14.26	10.53	2.00	0.00	1.00	0.00	14.27	10.48	2.00	0.00	1.00	0.00
14.28	10.56	2.00	0.00	1.00	0.00	14.29	10.55	2.00	0.00	1.00	0.00
14.30	10.51	2.00	0.00	1.00	0.00	14.31	10.55	2.00	0.00	1.00	0.00
14.32	10.51	2.00	0.00	1.00	0.00	14.33	10.25	2.00	0.00	1.00	0.00
14.34	10.25	2.00	0.00	1.00	0.00	14.35	10.03	2.00	0.00	1.00	0.00
14.36	9.74	2.00	0.00	1.00	0.00	14.37	9.77	2.00	0.00	1.00	0.00
14.38	9.48	2.00	0.00	1.00	0.00	14.39	9.47	2.00	0.00	1.00	0.00
14.40	9.39	2.00	0.00	1.00	0.00	14.41	9.13	2.00	0.00	1.00	0.00
14.42	8.88	2.00	0.00	1.00	0.00	14.43	8.80	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	8.79	2.00	0.00	1.00	0.00	14.45	8.83	2.00	0.00	1.00	0.00
14.46	8.87	2.00	0.00	1.00	0.00	14.47	8.82	2.00	0.00	1.00	0.00
14.48	8.82	2.00	0.00	1.00	0.00	14.49	8.81	2.00	0.00	1.00	0.00
14.50	8.77	2.00	0.00	1.00	0.00	14.51	8.85	2.00	0.00	1.00	0.00
14.52	8.85	2.00	0.00	1.00	0.00	14.53	8.92	2.00	0.00	1.00	0.00
14.54	8.92	2.00	0.00	1.00	0.00	14.55	9.00	2.00	0.00	1.00	0.00
14.56	9.16	2.00	0.00	1.00	0.00	14.57	9.24	2.00	0.00	1.00	0.00
14.58	9.32	2.00	0.00	1.00	0.00	14.59	9.32	2.00	0.00	1.00	0.00
14.60	9.44	2.00	0.00	1.00	0.00	14.61	9.56	2.00	0.00	1.00	0.00
14.62	9.67	2.00	0.00	1.00	0.00	14.63	10.09	2.00	0.00	1.00	0.00
14.64	10.08	2.00	0.00	1.00	0.00	14.65	10.25	2.00	0.00	1.00	0.00
14.66	10.28	2.00	0.00	1.00	0.00	14.67	10.24	2.00	0.00	1.00	0.00
14.68	10.27	2.00	0.00	1.00	0.00	14.69	10.27	2.00	0.00	1.00	0.00
14.70	10.35	2.00	0.00	1.00	0.00	14.71	10.31	2.00	0.00	1.00	0.00
14.72	10.22	2.00	0.00	1.00	0.00	14.73	10.22	2.00	0.00	1.00	0.00
14.74	10.21	2.00	0.00	1.00	0.00	14.75	10.17	2.00	0.00	1.00	0.00
14.76	10.29	2.00	0.00	1.00	0.00	14.77	10.33	2.00	0.00	1.00	0.00
14.78	10.32	2.00	0.00	1.00	0.00	14.79	10.32	2.00	0.00	1.00	0.00
14.80	10.27	2.00	0.00	1.00	0.00	14.81	10.31	2.00	0.00	1.00	0.00
14.82	10.26	2.00	0.00	1.00	0.00	14.83	10.06	2.00	0.00	1.00	0.00
14.84	10.05	2.00	0.00	1.00	0.00	14.85	10.00	2.00	0.00	1.00	0.00
14.86	10.00	2.00	0.00	1.00	0.00	14.87	9.95	2.00	0.00	1.00	0.00
14.88	9.99	2.00	0.00	1.00	0.00	14.89	9.99	2.00	0.00	1.00	0.00
14.90	9.94	2.00	0.00	1.00	0.00	14.91	10.15	2.00	0.00	1.00	0.00
14.92	10.10	2.00	0.00	1.00	0.00	14.93	10.05	2.00	0.00	1.00	0.00
14.94	10.05	2.00	0.00	1.00	0.00	14.95	10.01	2.00	0.00	1.00	0.00
14.96	10.83	2.00	0.00	1.00	0.00	14.97	10.82	2.00	0.00	1.00	0.00
14.98	10.82	2.00	0.00	1.00	0.00	14.99	10.60	2.00	0.00	1.00	0.00
15.00	10.64	2.00	0.00	1.00	0.00	15.01	10.72	2.00	0.00	1.00	0.00
15.02	10.71	2.00	0.00	1.00	0.00	15.03	10.71	2.00	0.00	1.00	0.00
15.04	10.63	2.00	0.00	1.00	0.00	15.05	10.42	2.00	0.00	1.00	0.00
15.06	10.42	2.00	0.00	1.00	0.00	15.07	10.41	2.00	0.00	1.00	0.00
15.08	10.17	2.00	0.00	1.00	0.00	15.09	10.08	2.00	0.00	1.00	0.00
15.10	9.96	2.00	0.00	1.00	0.00	15.11	9.95	2.00	0.00	1.00	0.00
15.12	9.78	2.00	0.00	1.00	0.00	15.13	9.78	2.00	0.00	1.00	0.00
15.14	9.58	2.00	0.00	1.00	0.00	15.15	9.57	2.00	0.00	1.00	0.00
15.16	9.48	2.00	0.00	1.00	0.00	15.17	9.28	2.00	0.00	1.00	0.00
15.18	9.15	2.00	0.00	1.00	0.00	15.19	9.07	2.00	0.00	1.00	0.00
15.20	9.07	2.00	0.00	1.00	0.00	15.21	8.99	2.00	0.00	1.00	0.00
15.22	8.54	2.00	0.00	1.00	0.00	15.23	8.37	2.00	0.00	1.00	0.00
15.24	8.33	2.00	0.00	1.00	0.00	15.25	8.32	2.00	0.00	1.00	0.00
15.26	8.32	2.00	0.00	1.00	0.00	15.27	8.24	2.00	0.00	1.00	0.00
15.28	8.24	2.00	0.00	1.00	0.00	15.29	8.03	2.00	0.00	1.00	0.00
15.30	8.03	2.00	0.00	1.00	0.00	15.31	8.03	2.00	0.00	1.00	0.00
15.32	8.15	2.00	0.00	1.00	0.00	15.33	8.06	2.00	0.00	1.00	0.00
15.34	8.10	2.00	0.00	1.00	0.00	15.35	8.09	2.00	0.00	1.00	0.00
15.36	8.17	2.00	0.00	1.00	0.00	15.37	8.17	2.00	0.00	1.00	0.00
15.38	8.21	2.00	0.00	1.00	0.00	15.39	8.32	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

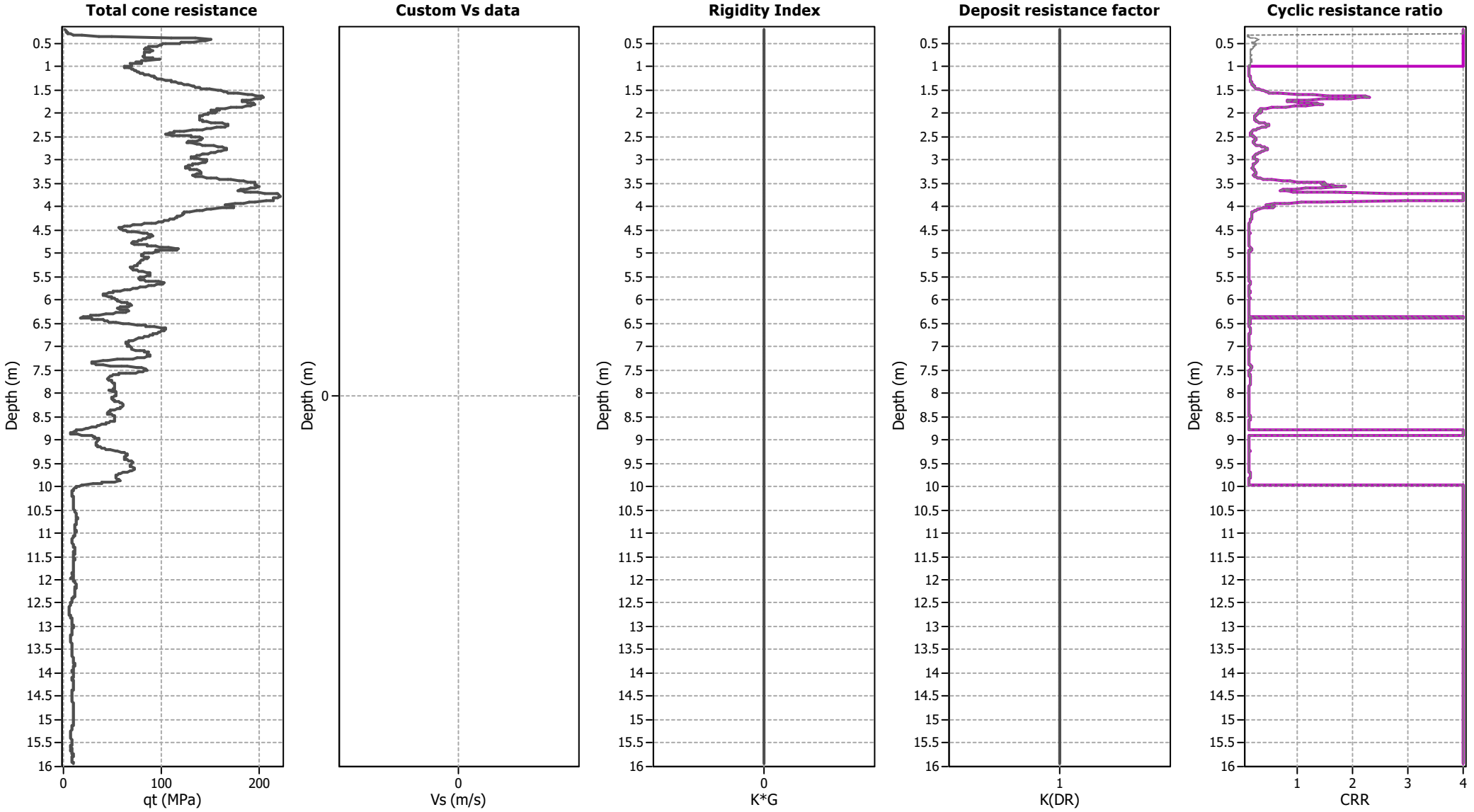
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	8.32	2.00	0.00	1.00	0.00	15.41	8.40	2.00	0.00	1.00	0.00
15.42	8.59	2.00	0.00	1.00	0.00	15.43	8.68	2.00	0.00	1.00	0.00
15.44	8.83	2.00	0.00	1.00	0.00	15.45	8.82	2.00	0.00	1.00	0.00
15.46	8.91	2.00	0.00	1.00	0.00	15.47	8.82	2.00	0.00	1.00	0.00
15.48	8.78	2.00	0.00	1.00	0.00	15.49	8.69	2.00	0.00	1.00	0.00
15.50	8.69	2.00	0.00	1.00	0.00	15.51	8.56	2.00	0.00	1.00	0.00
15.52	8.53	2.00	0.00	1.00	0.00	15.53	8.45	2.00	0.00	1.00	0.00
15.54	8.44	2.00	0.00	1.00	0.00	15.55	8.44	2.00	0.00	1.00	0.00
15.56	8.32	2.00	0.00	1.00	0.00	15.57	8.31	2.00	0.00	1.00	0.00
15.58	8.27	2.00	0.00	1.00	0.00	15.59	8.27	2.00	0.00	1.00	0.00
15.60	8.26	2.00	0.00	1.00	0.00	15.61	8.38	2.00	0.00	1.00	0.00
15.62	8.42	2.00	0.00	1.00	0.00	15.63	8.37	2.00	0.00	1.00	0.00
15.64	8.37	2.00	0.00	1.00	0.00	15.65	8.33	2.00	0.00	1.00	0.00
15.66	8.29	2.00	0.00	1.00	0.00	15.67	8.32	2.00	0.00	1.00	0.00
15.68	8.40	2.00	0.00	1.00	0.00	15.69	8.40	2.00	0.00	1.00	0.00
15.70	8.43	2.00	0.00	1.00	0.00	15.71	8.63	2.00	0.00	1.00	0.00
15.72	8.98	2.00	0.00	1.00	0.00	15.73	9.82	2.00	0.00	1.00	0.00
15.74	9.81	2.00	0.00	1.00	0.00	15.75	10.44	2.00	0.00	1.00	0.00
15.76	10.77	2.00	0.00	1.00	0.00	15.77	10.60	2.00	0.00	1.00	0.00
15.78	10.60	2.00	0.00	1.00	0.00	15.79	10.23	2.00	0.00	1.00	0.00
15.80	9.44	2.00	0.00	1.00	0.00	15.81	8.92	2.00	0.00	1.00	0.00
15.82	8.80	2.00	0.00	1.00	0.00	15.83	8.71	2.00	0.00	1.00	0.00
15.84	8.71	2.00	0.00	1.00	0.00	15.85	8.71	2.00	0.00	1.00	0.00
15.86	8.74	2.00	0.00	1.00	0.00	15.87	9.14	2.00	0.00	1.00	0.00
15.88	9.14	2.00	0.00	1.00	0.00	15.89	9.37	2.00	0.00	1.00	0.00
15.90	9.69	2.00	0.00	1.00	0.00	15.91	9.88	2.00	0.00	1.00	0.00
15.92	10.35	2.00	0.00	1.00	0.00	15.93	10.35	2.00	0.00	1.00	0.00
15.94	10.47	2.00	0.00	1.00	0.00						

Total estimated settlement: 22.89

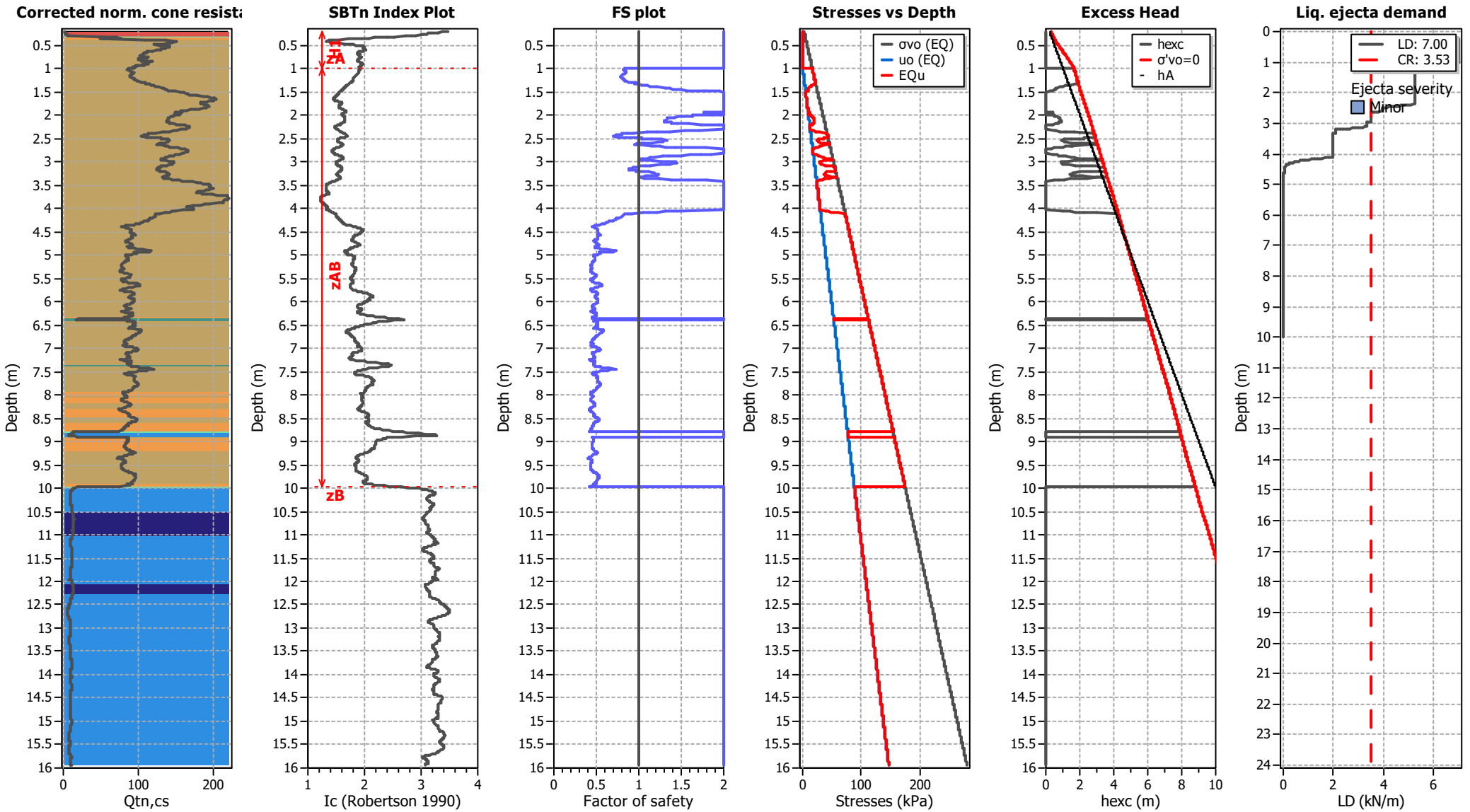
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



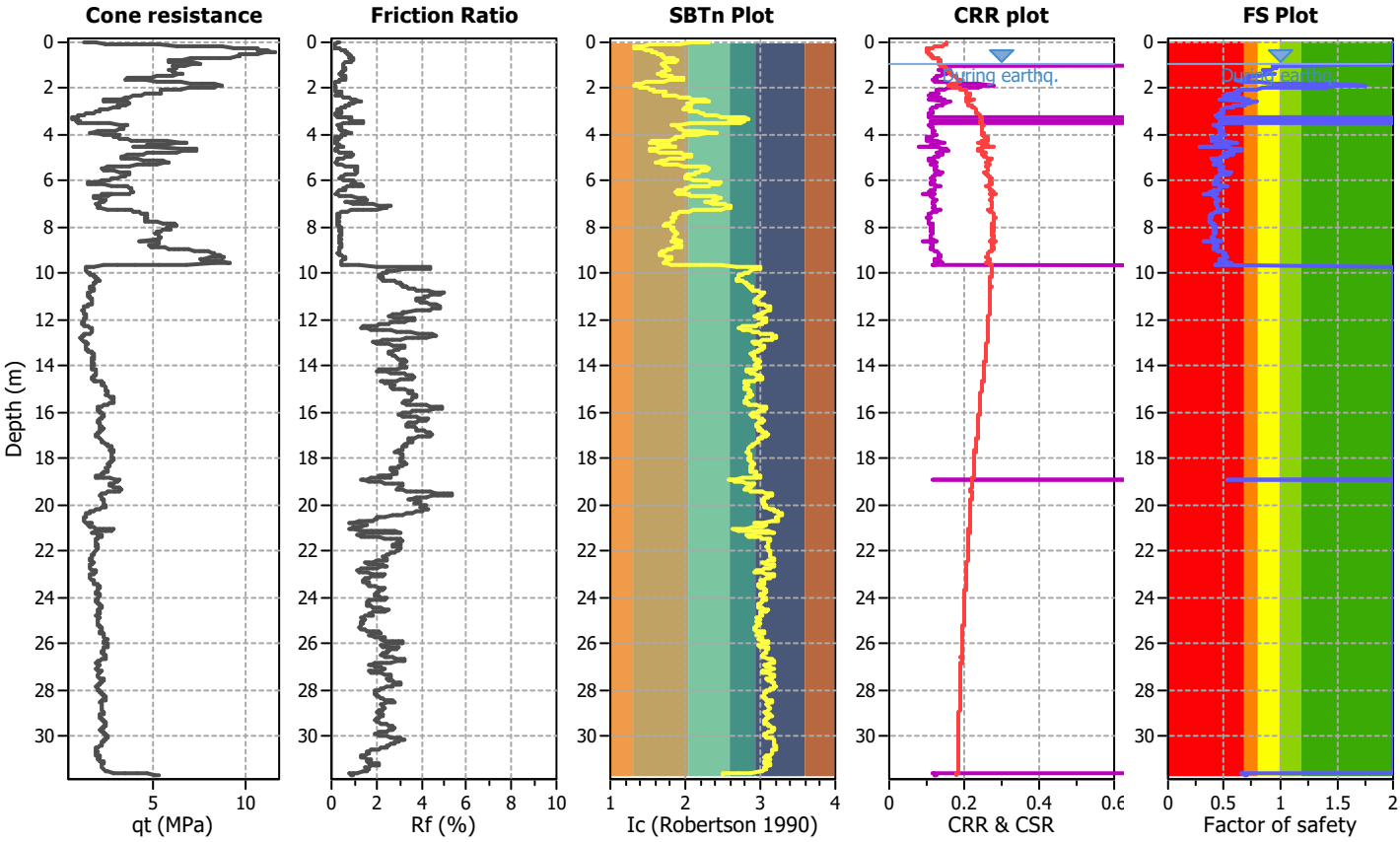
LIQUEFACTION ANALYSIS REPORT

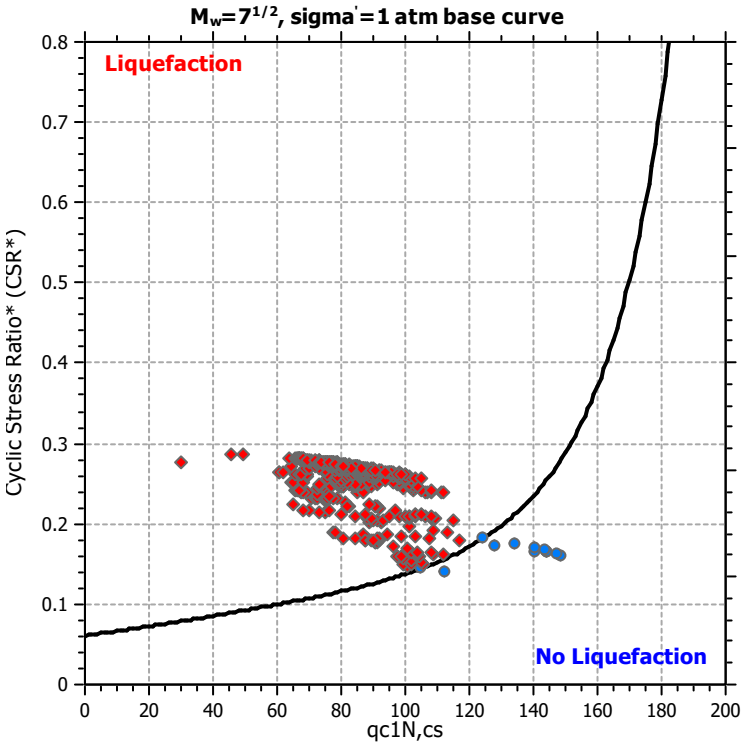
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

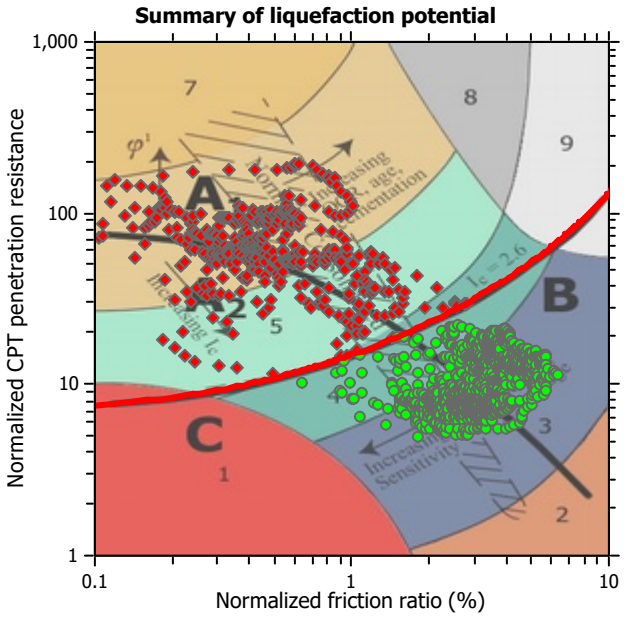
CPT file : 040008P226CPTU226

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

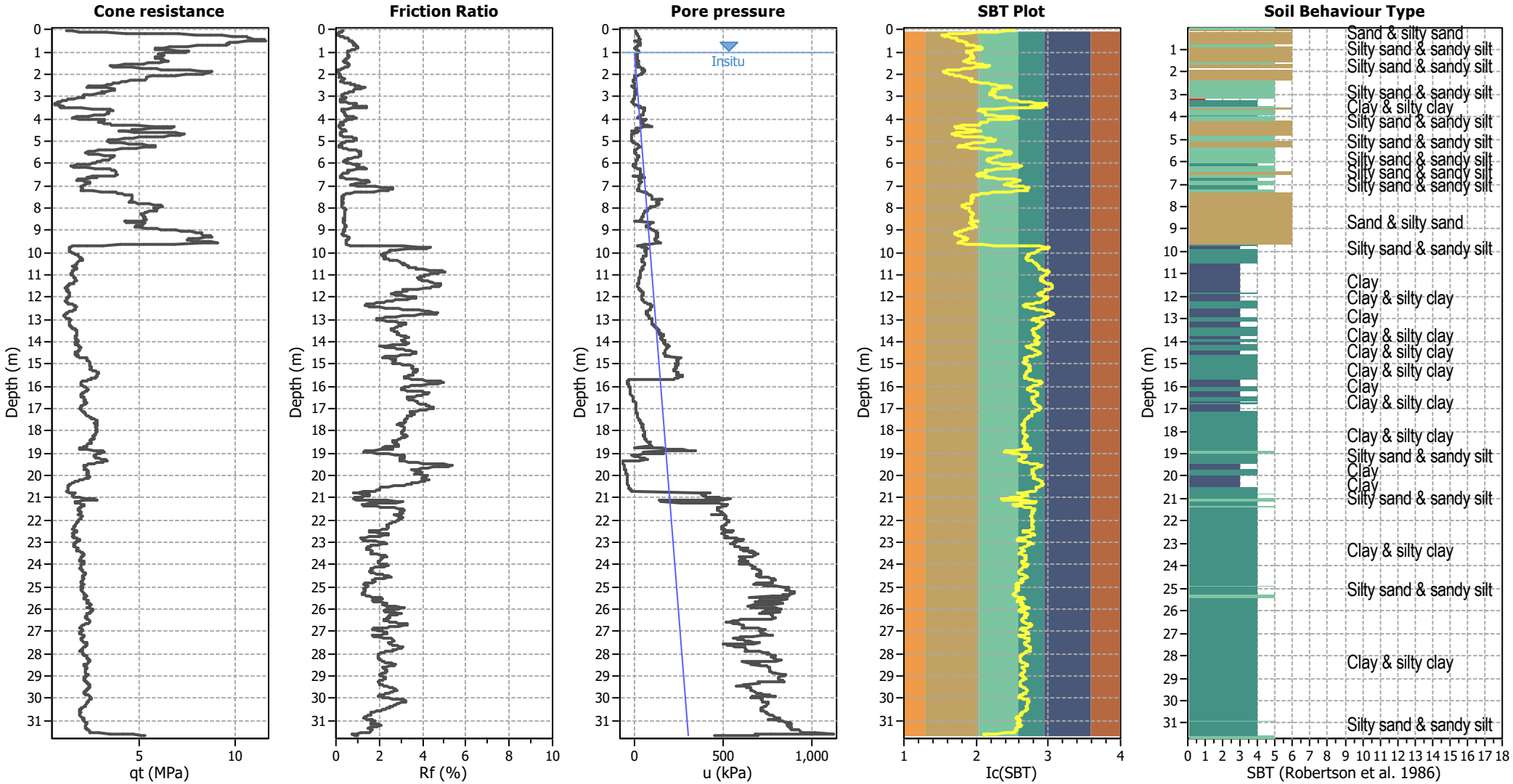






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



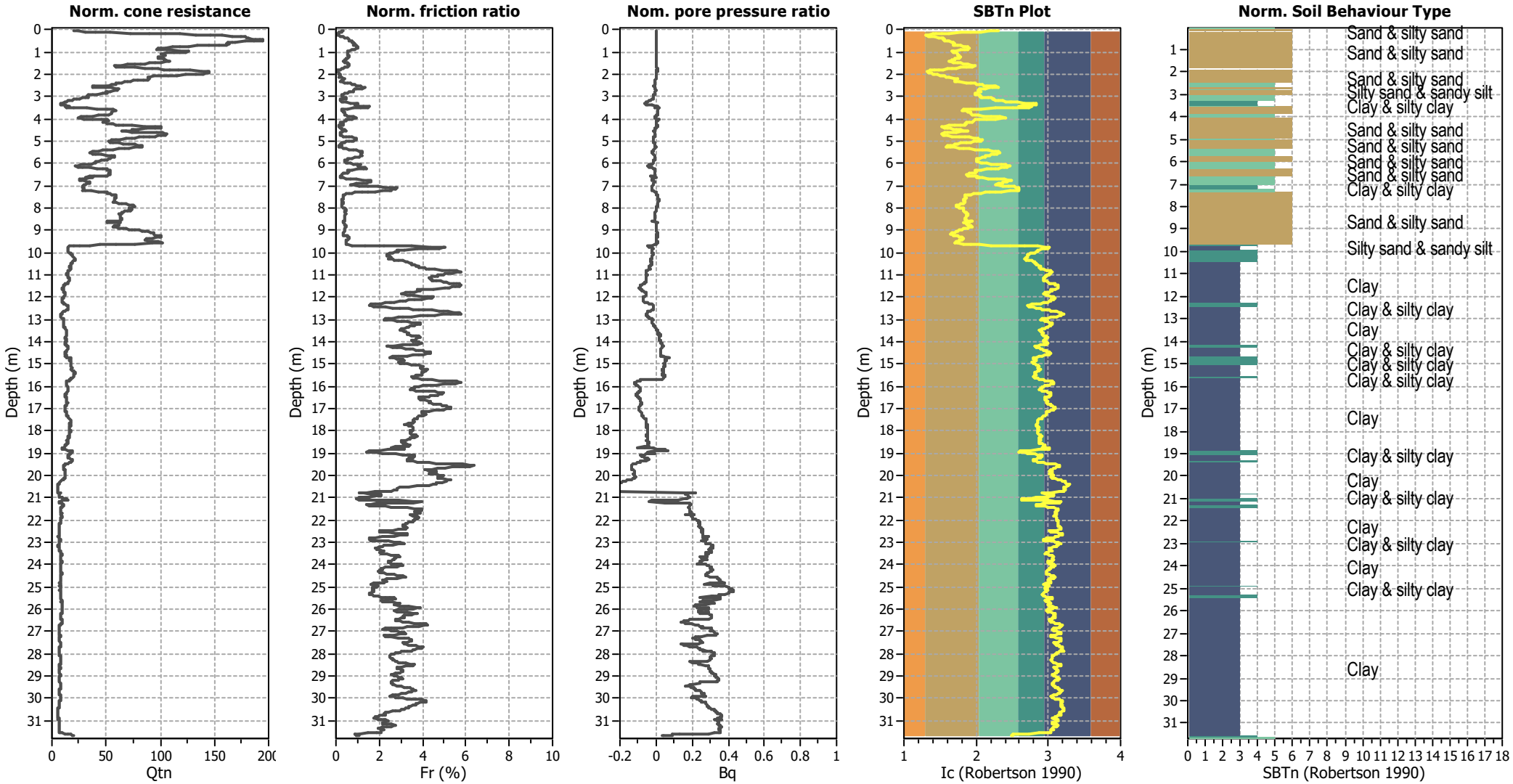
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



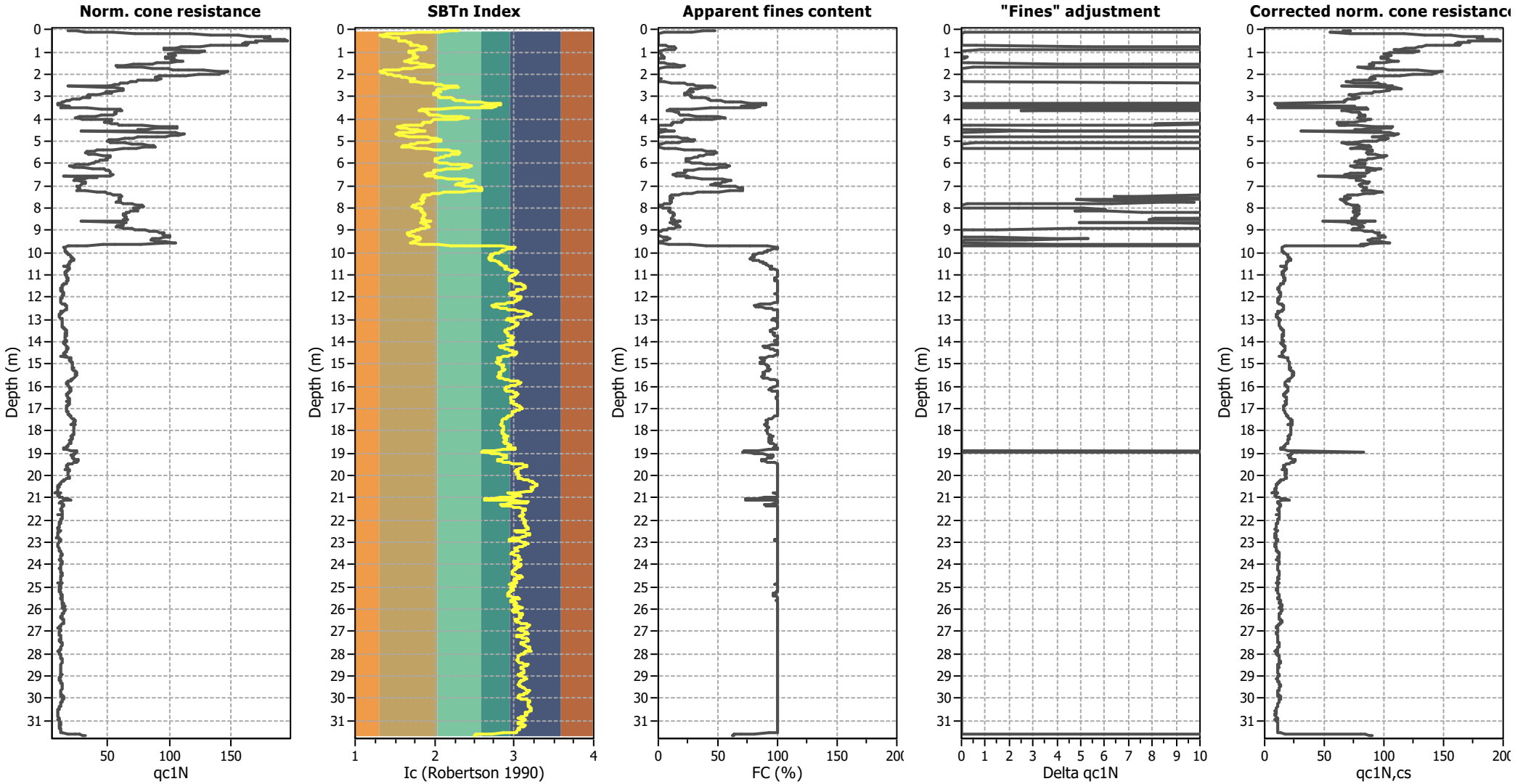
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

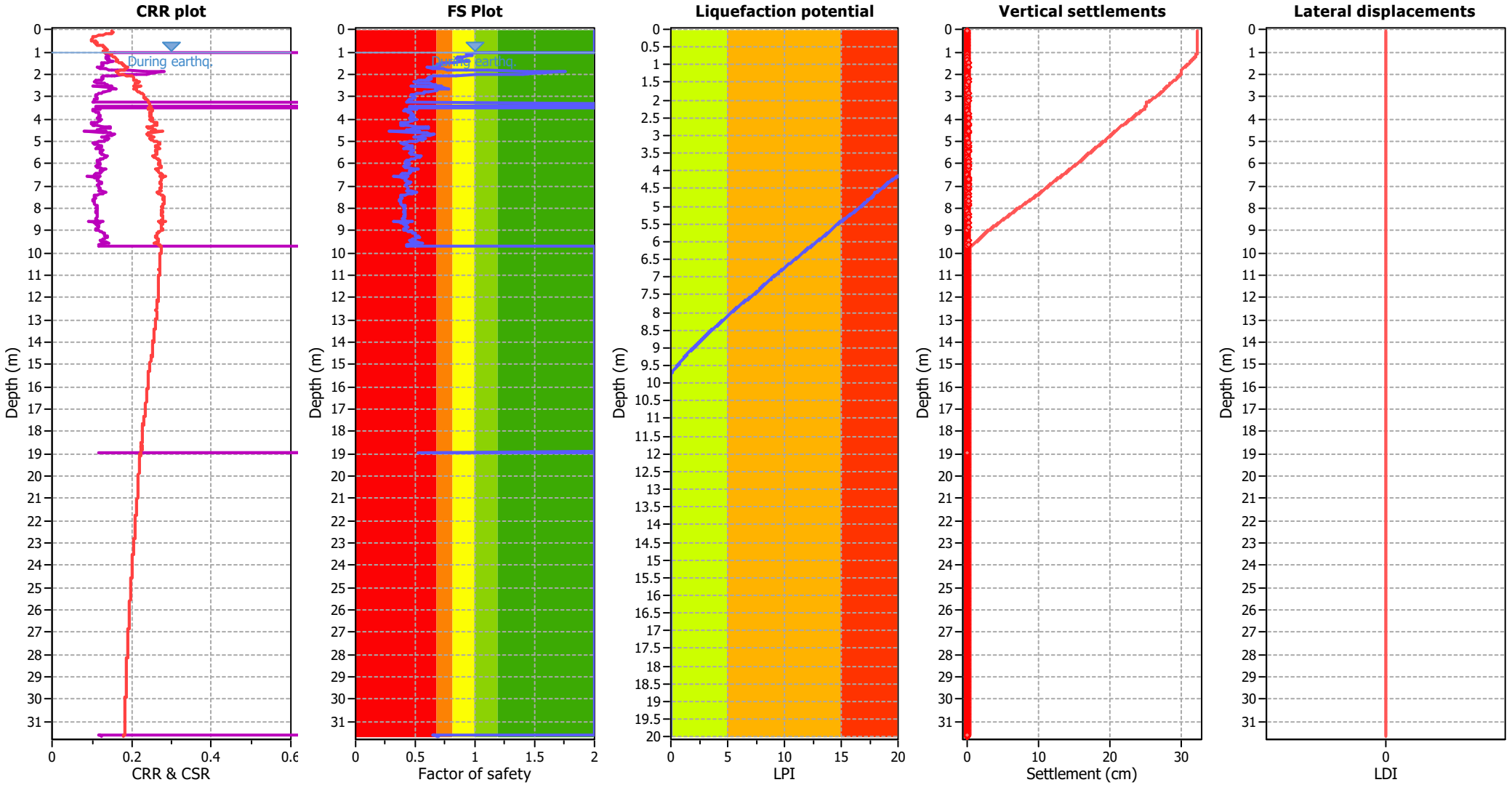
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

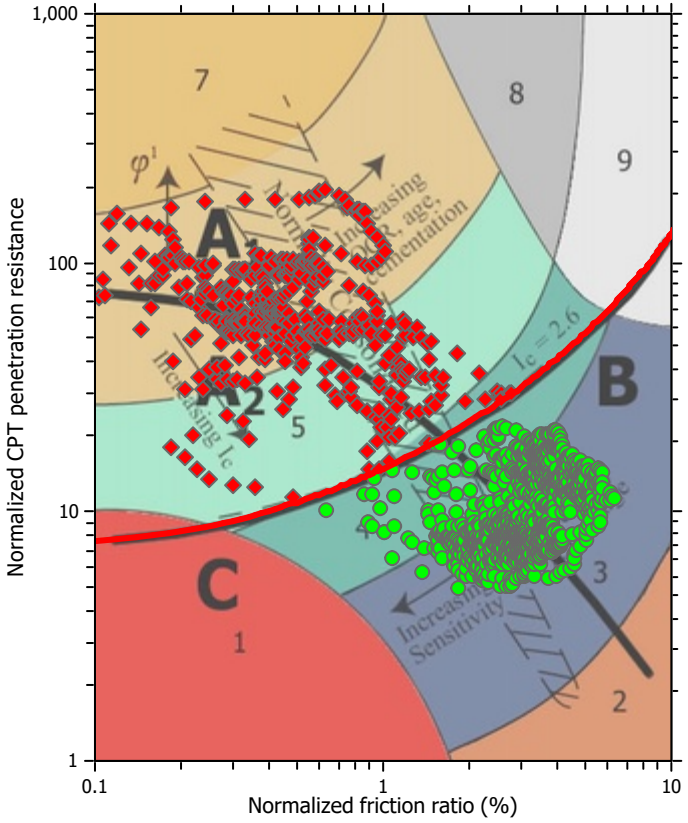
F.S. color scheme

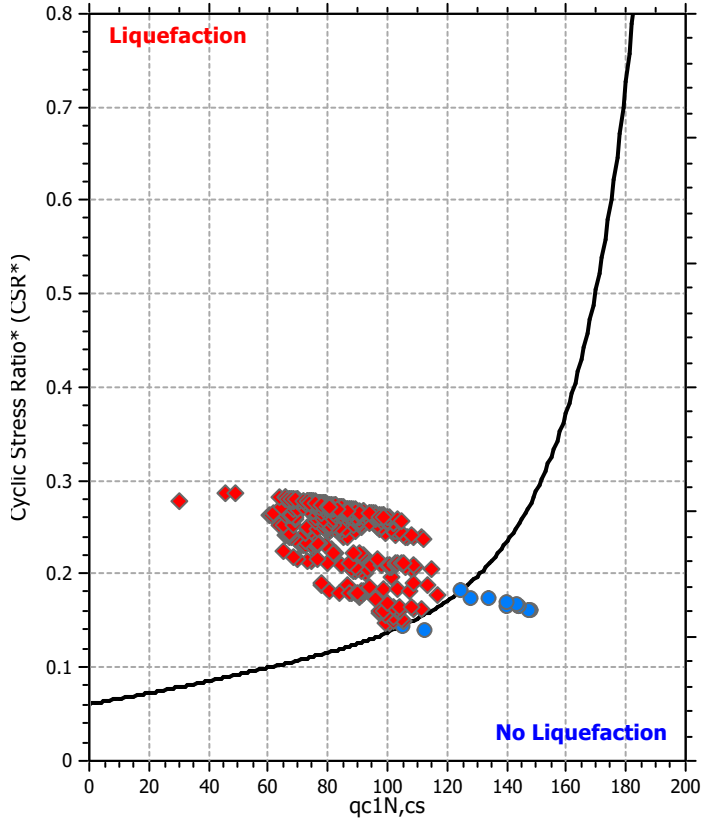
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

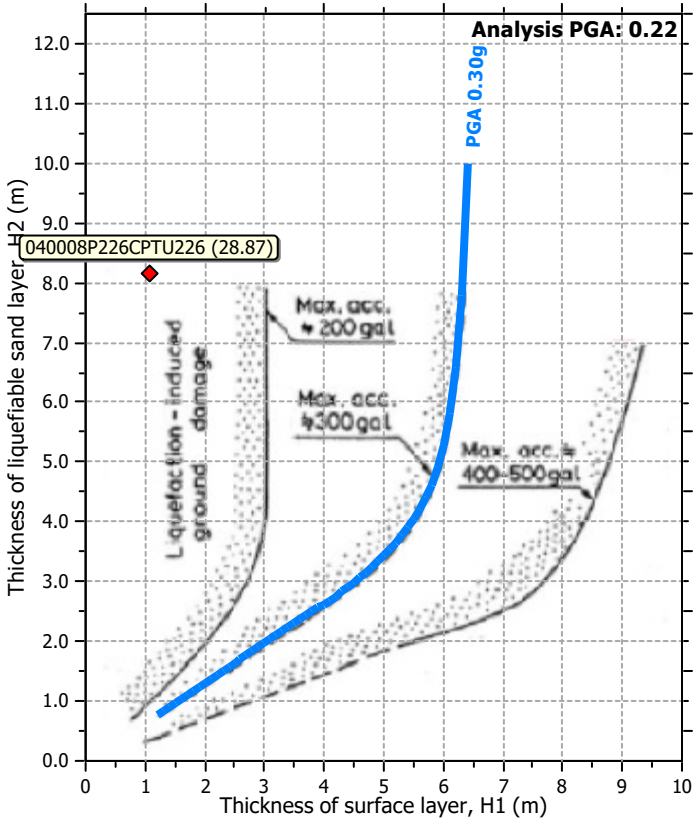
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



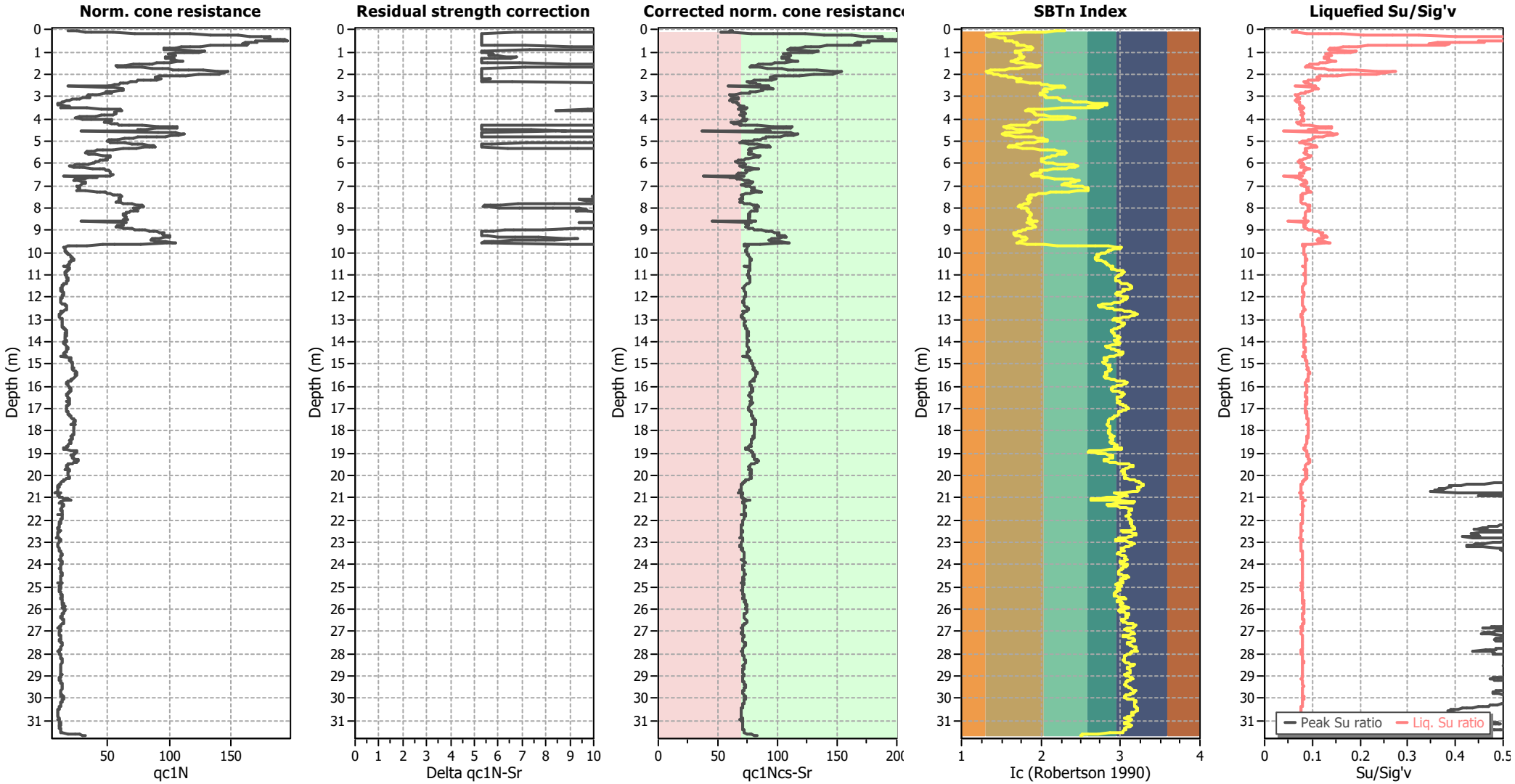




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.04	2.00	0.00	0.00	0.02	0.00	0.06	2.00	0.00	0.00	0.02	0.00
0.08	2.00	0.00	0.00	0.02	0.00	0.10	2.00	0.00	0.00	0.02	0.00
0.12	2.00	0.00	0.00	0.02	0.00	0.14	2.00	0.00	0.00	0.02	0.00
0.16	2.00	0.00	0.00	0.02	0.00	0.18	2.00	0.00	0.00	0.02	0.00
0.20	2.00	0.00	0.00	0.02	0.00	0.22	2.00	0.00	0.00	0.02	0.00
0.24	2.00	0.00	0.00	0.02	0.00	0.26	2.00	0.00	0.00	0.02	0.00
0.28	2.00	0.00	0.00	0.02	0.00	0.30	2.00	0.00	0.00	0.02	0.00
0.32	2.00	0.00	0.00	0.02	0.00	0.34	2.00	0.00	0.00	0.02	0.00
0.36	2.00	0.00	0.00	0.02	0.00	0.38	2.00	0.00	0.00	0.02	0.00
0.40	2.00	0.00	0.00	0.02	0.00	0.42	2.00	0.00	0.00	0.02	0.00
0.44	2.00	0.00	0.00	0.02	0.00	0.46	2.00	0.00	0.00	0.02	0.00
0.48	2.00	0.00	0.00	0.02	0.00	0.50	2.00	0.00	0.00	0.02	0.00
0.52	2.00	0.00	0.00	0.02	0.00	0.54	2.00	0.00	0.00	0.02	0.00
0.56	2.00	0.00	0.00	0.02	0.00	0.58	2.00	0.00	0.00	0.02	0.00
0.60	2.00	0.00	0.00	0.02	0.00	0.62	2.00	0.00	0.00	0.02	0.00
0.64	2.00	0.00	0.00	0.02	0.00	0.66	2.00	0.00	0.00	0.02	0.00
0.68	2.00	0.00	0.00	0.02	0.00	0.70	2.00	0.00	0.00	0.02	0.00
0.72	2.00	0.00	0.00	0.02	0.00	0.74	2.00	0.00	0.00	0.02	0.00
0.76	2.00	0.00	0.00	0.02	0.00	0.78	2.00	0.00	0.00	0.02	0.00
0.80	2.00	0.00	0.00	0.02	0.00	0.82	2.00	0.00	0.00	0.02	0.00
0.84	2.00	0.00	0.00	0.02	0.00	0.86	2.00	0.00	0.00	0.02	0.00
0.88	2.00	0.00	0.00	0.02	0.00	0.90	2.00	0.00	0.00	0.02	0.00
0.93	2.00	0.00	0.00	0.03	0.00	0.95	2.00	0.00	0.00	0.02	0.00
0.97	2.00	0.00	0.00	0.02	0.00	0.99	2.00	0.00	0.00	0.02	0.00
1.00	2.00	0.00	0.00	0.01	0.00	1.03	1.13	0.00	0.00	0.03	0.00
1.05	1.01	0.00	0.00	0.02	0.00	1.07	0.94	0.00	0.00	0.02	0.01
1.09	0.92	0.00	0.00	0.02	0.01	1.11	0.94	0.00	0.00	0.02	0.01
1.13	0.97	0.00	0.00	0.02	0.01	1.15	0.97	0.00	0.00	0.02	0.01
1.16	0.95	0.00	0.00	0.01	0.00	1.19	0.90	0.00	0.00	0.03	0.03
1.21	0.87	0.00	0.00	0.02	0.02	1.23	0.85	0.15	2.61	0.02	0.03
1.25	0.84	0.16	2.35	0.02	0.03	1.27	0.85	0.15	2.55	0.02	0.03
1.29	0.89	0.00	0.00	0.02	0.02	1.30	0.89	0.00	0.00	0.01	0.01
1.32	0.88	0.00	0.00	0.02	0.02	1.35	0.86	0.00	0.00	0.03	0.04
1.37	0.87	0.00	0.00	0.02	0.02	1.39	0.92	0.00	0.00	0.02	0.01
1.41	0.95	0.00	0.00	0.02	0.01	1.43	0.90	0.00	0.00	0.02	0.02
1.45	0.81	0.19	1.82	0.02	0.03	1.46	0.77	0.23	1.33	0.01	0.02
1.49	0.72	0.28	1.00	0.03	0.08	1.51	0.72	0.28	0.99	0.02	0.05
1.53	0.72	0.28	1.00	0.02	0.05	1.55	0.69	0.31	0.87	0.02	0.06
1.57	0.68	0.32	0.86	0.02	0.06	1.59	0.71	0.29	0.96	0.02	0.05
1.61	0.70	0.30	0.94	0.02	0.05	1.62	0.70	0.30	0.91	0.01	0.03
1.65	0.66	0.34	0.77	0.03	0.09	1.67	0.60	0.40	0.64	0.02	0.07
1.69	0.60	0.40	0.64	0.02	0.07	1.71	0.65	0.35	0.75	0.02	0.06
1.73	0.70	0.30	0.92	0.02	0.05	1.75	0.74	0.26	1.10	0.02	0.05
1.77	0.77	0.23	1.36	0.02	0.04	1.78	0.81	0.19	1.88	0.01	0.02
1.81	0.92	0.00	0.00	0.03	0.02	1.83	1.11	0.00	0.00	0.02	0.00
1.85	1.43	0.00	0.00	0.02	0.00	1.87	1.75	0.00	0.00	0.02	0.00
1.89	1.71	0.00	0.00	0.02	0.00	1.91	1.56	0.00	0.00	0.02	0.00
1.93	1.55	0.00	0.00	0.02	0.00	1.95	1.52	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.97	1.41	0.00	0.00	0.02	0.00	1.99	1.22	0.00	0.00	0.02	0.00
2.01	1.01	0.00	0.00	0.02	0.00	2.03	0.84	0.16	2.39	0.02	0.03
2.04	0.78	0.22	1.46	0.01	0.02	2.07	0.71	0.29	0.96	0.03	0.08
2.09	0.64	0.36	0.72	0.02	0.06	2.11	0.61	0.39	0.65	0.02	0.07
2.13	0.61	0.39	0.66	0.02	0.07	2.15	0.63	0.37	0.69	0.02	0.07
2.17	0.61	0.39	0.66	0.02	0.07	2.18	0.60	0.40	0.64	0.01	0.04
2.21	0.63	0.37	0.70	0.03	0.10	2.23	0.61	0.39	0.64	0.02	0.07
2.25	0.57	0.43	0.58	0.02	0.08	2.27	0.55	0.45	0.54	0.02	0.08
2.29	0.52	0.48	0.50	0.02	0.08	2.30	0.51	0.49	0.49	0.01	0.04
2.33	0.50	0.50	0.47	0.03	0.13	2.35	0.49	0.51	0.46	0.02	0.09
2.37	0.52	0.48	0.50	0.02	0.08	2.39	0.58	0.42	0.59	0.02	0.07
2.41	0.63	0.37	0.69	0.02	0.07	2.43	0.65	0.35	0.74	0.02	0.06
2.44	0.67	0.33	0.82	0.01	0.03	2.47	0.67	0.33	0.79	0.03	0.09
2.49	0.66	0.34	0.77	0.02	0.06	2.51	0.66	0.34	0.78	0.02	0.06
2.53	0.72	0.28	1.01	0.02	0.05	2.54	0.46	0.54	0.44	0.01	0.05
2.57	0.70	0.30	0.93	0.03	0.08	2.58	0.67	0.33	0.82	0.01	0.03
2.61	0.73	0.27	1.06	0.03	0.07	2.63	0.79	0.21	1.50	0.02	0.04
2.65	0.72	0.28	0.99	0.02	0.05	2.67	0.67	0.33	0.80	0.02	0.06
2.69	0.67	0.33	0.80	0.02	0.06	2.70	0.68	0.32	0.85	0.01	0.03
2.73	0.68	0.32	0.85	0.03	0.08	2.75	0.61	0.39	0.66	0.02	0.07
2.77	0.58	0.42	0.60	0.02	0.07	2.79	0.57	0.43	0.58	0.02	0.07
2.81	0.57	0.43	0.58	0.02	0.07	2.82	0.57	0.43	0.57	0.01	0.04
2.85	0.56	0.44	0.55	0.03	0.11	2.87	0.52	0.48	0.50	0.02	0.08
2.89	0.49	0.51	0.46	0.02	0.09	2.91	0.47	0.53	0.44	0.02	0.09
2.93	0.47	0.53	0.45	0.02	0.09	2.95	0.47	0.53	0.45	0.02	0.09
2.97	0.48	0.52	0.46	0.02	0.09	2.99	0.48	0.52	0.46	0.02	0.09
3.01	0.48	0.52	0.46	0.02	0.09	3.03	0.48	0.52	0.46	0.02	0.09
3.04	0.50	0.50	0.47	0.01	0.04	3.07	0.49	0.51	0.47	0.03	0.13
3.09	0.48	0.52	0.46	0.02	0.09	3.11	0.46	0.54	0.44	0.02	0.09
3.13	0.45	0.55	0.42	0.02	0.09	3.15	0.44	0.56	0.42	0.02	0.09
3.16	0.44	0.56	0.42	0.01	0.05	3.19	0.43	0.57	0.41	0.03	0.14
3.21	0.43	0.57	0.41	0.02	0.10	3.23	0.43	0.57	0.41	0.02	0.10
3.25	0.43	0.57	0.41	0.02	0.10	3.26	0.43	0.57	0.41	0.01	0.05
3.29	2.00	0.00	0.00	0.03	0.00	3.31	2.00	0.00	0.00	0.02	0.00
3.33	2.00	0.00	0.00	0.02	0.00	3.35	2.00	0.00	0.00	0.02	0.00
3.36	2.00	0.00	0.00	0.01	0.00	3.39	2.00	0.00	0.00	0.03	0.00
3.41	0.45	0.55	0.42	0.02	0.09	3.43	0.46	0.54	0.43	0.02	0.09
3.45	2.00	0.00	0.00	0.02	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.03	0.00	3.51	0.45	0.55	0.43	0.02	0.09
3.53	0.50	0.50	0.48	0.02	0.08	3.55	0.51	0.49	0.49	0.02	0.08
3.57	0.44	0.56	0.42	0.02	0.09	3.59	0.41	0.59	0.40	0.02	0.10
3.61	0.41	0.59	0.39	0.02	0.10	3.63	0.41	0.59	0.39	0.02	0.10
3.65	0.42	0.58	0.40	0.02	0.09	3.67	0.44	0.56	0.42	0.02	0.09
3.69	0.46	0.54	0.43	0.02	0.09	3.71	0.47	0.53	0.44	0.02	0.09
3.73	0.47	0.53	0.45	0.02	0.09	3.74	0.47	0.53	0.45	0.01	0.04
3.77	0.47	0.53	0.44	0.03	0.13	3.79	0.47	0.53	0.44	0.02	0.09
3.81	0.47	0.53	0.45	0.02	0.09	3.83	0.46	0.54	0.44	0.02	0.09
3.84	0.48	0.52	0.46	0.01	0.04	3.87	0.49	0.51	0.46	0.03	0.12

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.89	0.48	0.52	0.45	0.02	0.08	3.91	0.46	0.54	0.44	0.02	0.09
3.93	0.45	0.55	0.43	0.02	0.09	3.94	0.46	0.54	0.43	0.01	0.04
3.97	0.46	0.54	0.44	0.03	0.13	3.99	0.46	0.54	0.44	0.02	0.09
4.01	0.48	0.52	0.46	0.02	0.08	4.03	0.51	0.49	0.49	0.02	0.08
4.05	0.49	0.51	0.47	0.02	0.08	4.07	0.48	0.52	0.46	0.02	0.08
4.09	0.47	0.53	0.44	0.02	0.08	4.11	0.46	0.54	0.44	0.02	0.09
4.13	0.44	0.56	0.42	0.02	0.09	4.15	0.41	0.59	0.39	0.02	0.09
4.16	0.38	0.62	0.37	0.01	0.05	4.19	0.38	0.62	0.37	0.03	0.15
4.21	0.40	0.60	0.38	0.02	0.10	4.23	0.41	0.59	0.39	0.02	0.09
4.25	0.40	0.60	0.39	0.02	0.09	4.26	0.38	0.62	0.37	0.01	0.05
4.29	0.40	0.60	0.39	0.03	0.14	4.31	0.44	0.56	0.42	0.02	0.09
4.33	0.51	0.49	0.49	0.02	0.08	4.35	0.58	0.42	0.60	0.02	0.07
4.37	0.61	0.39	0.66	0.02	0.06	4.39	0.61	0.39	0.65	0.02	0.06
4.41	0.56	0.44	0.56	0.02	0.07	4.43	0.49	0.51	0.47	0.02	0.08
4.45	0.45	0.55	0.43	0.02	0.08	4.47	0.43	0.57	0.41	0.02	0.09
4.48	0.43	0.57	0.41	0.01	0.04	4.51	0.44	0.56	0.42	0.03	0.13
4.53	0.46	0.54	0.43	0.02	0.08	4.55	0.54	0.46	0.53	0.02	0.07
4.56	0.28	0.72	0.31	0.01	0.06	4.59	0.50	0.50	0.48	0.03	0.11
4.61	0.57	0.43	0.58	0.02	0.07	4.62	0.60	0.40	0.62	0.01	0.03
4.65	0.62	0.38	0.68	0.03	0.09	4.67	0.65	0.35	0.74	0.02	0.05
4.69	0.65	0.35	0.76	0.02	0.05	4.71	0.62	0.38	0.67	0.02	0.06
4.73	0.58	0.42	0.59	0.02	0.06	4.75	0.56	0.44	0.57	0.02	0.07
4.77	0.53	0.47	0.52	0.02	0.07	4.79	0.49	0.51	0.47	0.02	0.08
4.81	0.49	0.51	0.47	0.02	0.08	4.83	0.54	0.46	0.53	0.02	0.07
4.84	0.57	0.43	0.58	0.01	0.03	4.87	0.58	0.42	0.59	0.03	0.10
4.89	0.58	0.42	0.59	0.02	0.06	4.91	0.56	0.44	0.56	0.02	0.07
4.93	0.54	0.46	0.53	0.02	0.07	4.95	0.53	0.47	0.51	0.02	0.07
4.97	0.51	0.49	0.49	0.02	0.07	4.99	0.49	0.51	0.47	0.02	0.08
5.01	0.47	0.53	0.45	0.02	0.08	5.03	0.45	0.55	0.43	0.02	0.08
5.04	0.42	0.58	0.40	0.01	0.04	5.07	0.39	0.61	0.38	0.03	0.14
5.09	0.38	0.62	0.37	0.02	0.09	5.11	0.40	0.60	0.38	0.02	0.09
5.13	0.42	0.58	0.40	0.02	0.09	5.14	0.43	0.57	0.41	0.01	0.04
5.17	0.46	0.54	0.43	0.03	0.12	5.19	0.46	0.54	0.44	0.02	0.08
5.21	0.47	0.53	0.45	0.02	0.08	5.23	0.48	0.52	0.45	0.02	0.08
5.26	0.47	0.53	0.44	0.03	0.12	5.27	0.46	0.54	0.43	0.01	0.04
5.29	0.43	0.57	0.41	0.02	0.08	5.31	0.41	0.59	0.39	0.02	0.09
5.33	0.40	0.60	0.39	0.02	0.09	5.34	0.44	0.56	0.42	0.01	0.04
5.37	0.47	0.53	0.45	0.03	0.12	5.39	0.48	0.52	0.46	0.02	0.08
5.41	0.49	0.51	0.46	0.02	0.08	5.44	0.48	0.52	0.46	0.03	0.11
5.44	0.48	0.52	0.45	0.00	0.00	5.47	0.47	0.53	0.44	0.03	0.12
5.49	0.46	0.54	0.44	0.02	0.08	5.51	0.46	0.54	0.43	0.02	0.08
5.53	0.46	0.54	0.44	0.02	0.08	5.55	0.46	0.54	0.44	0.02	0.08
5.57	0.46	0.54	0.44	0.02	0.08	5.59	0.47	0.53	0.44	0.02	0.08
5.61	0.49	0.51	0.47	0.02	0.07	5.63	0.53	0.47	0.51	0.02	0.07
5.65	0.54	0.46	0.53	0.02	0.07	5.67	0.55	0.45	0.55	0.02	0.06
5.68	0.55	0.45	0.55	0.01	0.03	5.71	0.54	0.46	0.52	0.03	0.10
5.73	0.51	0.49	0.49	0.02	0.07	5.75	0.48	0.52	0.46	0.02	0.07
5.77	0.47	0.53	0.44	0.02	0.08	5.78	0.46	0.54	0.44	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.81	0.46	0.54	0.44	0.03	0.12	5.83	0.45	0.55	0.43	0.02	0.08
5.85	0.44	0.56	0.42	0.02	0.08	5.87	0.42	0.58	0.41	0.02	0.08
5.88	0.42	0.58	0.40	0.01	0.04	5.91	0.41	0.59	0.40	0.03	0.12
5.93	0.42	0.58	0.40	0.02	0.08	5.95	0.43	0.57	0.41	0.02	0.08
5.97	0.43	0.57	0.41	0.02	0.08	5.98	0.45	0.55	0.43	0.01	0.04
6.01	0.45	0.55	0.42	0.03	0.12	6.03	0.44	0.56	0.42	0.02	0.08
6.05	0.43	0.57	0.41	0.02	0.08	6.07	0.42	0.58	0.40	0.02	0.08
6.08	0.41	0.59	0.39	0.01	0.04	6.11	0.40	0.60	0.39	0.03	0.12
6.13	0.40	0.60	0.38	0.02	0.08	6.15	0.41	0.59	0.39	0.02	0.08
6.17	0.43	0.57	0.41	0.02	0.08	6.18	0.44	0.56	0.42	0.01	0.04
6.21	0.49	0.51	0.46	0.03	0.11	6.23	0.52	0.48	0.50	0.02	0.07
6.25	0.52	0.48	0.50	0.02	0.07	6.27	0.50	0.50	0.48	0.02	0.07
6.29	0.49	0.51	0.46	0.02	0.07	6.31	0.46	0.54	0.44	0.02	0.07
6.33	0.45	0.55	0.43	0.02	0.07	6.35	0.46	0.54	0.43	0.02	0.07
6.37	0.46	0.54	0.44	0.02	0.07	6.39	0.46	0.54	0.44	0.02	0.07
6.41	0.45	0.55	0.43	0.02	0.07	6.43	0.42	0.58	0.40	0.02	0.08
6.45	0.40	0.60	0.38	0.02	0.08	6.47	0.38	0.62	0.37	0.02	0.08
6.49	0.38	0.62	0.37	0.02	0.08	6.51	0.38	0.62	0.37	0.02	0.08
6.53	0.38	0.62	0.37	0.02	0.08	6.55	0.39	0.61	0.38	0.02	0.08
6.57	0.44	0.56	0.42	0.02	0.07	6.58	0.31	0.69	0.33	0.01	0.05
6.61	0.43	0.57	0.41	0.03	0.11	6.63	0.39	0.61	0.38	0.02	0.08
6.64	0.41	0.59	0.39	0.01	0.04	6.67	0.41	0.59	0.39	0.03	0.12
6.69	0.41	0.59	0.39	0.02	0.08	6.71	0.41	0.59	0.39	0.02	0.08
6.73	0.41	0.59	0.40	0.02	0.08	6.74	0.42	0.58	0.40	0.01	0.04
6.77	0.42	0.58	0.40	0.03	0.12	6.79	0.43	0.57	0.41	0.02	0.08
6.81	0.45	0.55	0.43	0.02	0.07	6.83	0.46	0.54	0.44	0.02	0.07
6.84	0.46	0.54	0.43	0.01	0.04	6.87	0.45	0.55	0.43	0.03	0.11
6.89	0.44	0.56	0.42	0.02	0.07	6.91	0.43	0.57	0.41	0.02	0.07
6.93	0.42	0.58	0.40	0.02	0.08	6.94	0.42	0.58	0.40	0.01	0.04
6.97	0.42	0.58	0.40	0.03	0.11	6.99	0.42	0.58	0.40	0.02	0.07
7.01	0.42	0.58	0.41	0.02	0.07	7.03	0.43	0.57	0.41	0.02	0.07
7.06	0.44	0.56	0.41	0.03	0.11	7.07	0.44	0.56	0.42	0.01	0.04
7.09	0.44	0.56	0.42	0.02	0.07	7.11	0.44	0.56	0.42	0.02	0.07
7.13	0.44	0.56	0.42	0.02	0.07	7.14	0.44	0.56	0.42	0.01	0.04
7.17	0.44	0.56	0.42	0.03	0.11	7.19	0.43	0.57	0.41	0.02	0.07
7.21	0.43	0.57	0.41	0.02	0.07	7.23	0.46	0.54	0.44	0.02	0.07
7.25	0.51	0.49	0.49	0.02	0.06	7.27	0.52	0.48	0.50	0.02	0.06
7.29	0.52	0.48	0.50	0.02	0.06	7.31	0.50	0.50	0.48	0.02	0.06
7.33	0.48	0.52	0.45	0.02	0.07	7.34	0.46	0.54	0.43	0.01	0.03
7.37	0.44	0.56	0.42	0.03	0.11	7.39	0.42	0.58	0.40	0.02	0.07
7.41	0.40	0.60	0.39	0.02	0.08	7.43	0.40	0.60	0.38	0.02	0.08
7.44	0.38	0.62	0.37	0.01	0.04	7.47	0.38	0.62	0.37	0.03	0.12
7.49	0.37	0.63	0.37	0.02	0.08	7.51	0.37	0.63	0.37	0.02	0.08
7.53	0.38	0.62	0.37	0.02	0.08	7.55	0.38	0.62	0.37	0.02	0.08
7.57	0.39	0.61	0.38	0.02	0.08	7.59	0.38	0.62	0.37	0.02	0.08
7.61	0.37	0.63	0.36	0.02	0.08	7.63	0.36	0.64	0.36	0.02	0.08
7.65	0.37	0.63	0.36	0.02	0.08	7.66	0.37	0.63	0.36	0.01	0.04
7.69	0.37	0.63	0.37	0.03	0.12	7.71	0.37	0.63	0.37	0.02	0.08

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.73	0.37	0.63	0.37	0.02	0.08	7.75	0.38	0.62	0.37	0.02	0.08
7.76	0.38	0.62	0.37	0.01	0.04	7.79	0.38	0.62	0.37	0.03	0.11
7.81	0.38	0.62	0.37	0.02	0.08	7.83	0.38	0.62	0.37	0.02	0.08
7.85	0.40	0.60	0.38	0.02	0.07	7.86	0.40	0.60	0.39	0.01	0.04
7.89	0.41	0.59	0.39	0.03	0.11	7.91	0.42	0.58	0.40	0.02	0.07
7.93	0.41	0.59	0.39	0.02	0.07	7.95	0.40	0.60	0.39	0.02	0.07
7.97	0.40	0.60	0.39	0.02	0.07	7.99	0.40	0.60	0.39	0.02	0.07
8.01	0.40	0.60	0.39	0.02	0.07	8.03	0.41	0.59	0.39	0.02	0.07
8.05	0.41	0.59	0.40	0.02	0.07	8.07	0.42	0.58	0.40	0.02	0.07
8.09	0.42	0.58	0.40	0.02	0.07	8.11	0.42	0.58	0.40	0.02	0.07
8.13	0.40	0.60	0.39	0.02	0.07	8.15	0.40	0.60	0.38	0.02	0.07
8.17	0.40	0.60	0.39	0.02	0.07	8.19	0.40	0.60	0.39	0.02	0.07
8.21	0.41	0.59	0.39	0.02	0.07	8.23	0.42	0.58	0.40	0.02	0.07
8.26	0.42	0.58	0.40	0.03	0.10	8.27	0.42	0.58	0.40	0.01	0.03
8.29	0.42	0.58	0.40	0.02	0.07	8.31	0.41	0.59	0.39	0.02	0.07
8.33	0.41	0.59	0.39	0.02	0.07	8.34	0.41	0.59	0.39	0.01	0.03
8.37	0.41	0.59	0.39	0.03	0.10	8.39	0.40	0.60	0.39	0.02	0.07
8.41	0.40	0.60	0.39	0.02	0.07	8.43	0.40	0.60	0.38	0.02	0.07
8.45	0.40	0.60	0.38	0.02	0.07	8.47	0.39	0.61	0.38	0.02	0.07
8.49	0.40	0.60	0.38	0.02	0.07	8.51	0.40	0.60	0.39	0.02	0.07
8.53	0.41	0.59	0.39	0.02	0.07	8.55	0.41	0.59	0.39	0.02	0.07
8.57	0.41	0.59	0.39	0.02	0.07	8.59	0.48	0.52	0.46	0.02	0.06
8.60	0.32	0.68	0.33	0.01	0.04	8.63	0.44	0.56	0.42	0.03	0.10
8.65	0.38	0.62	0.37	0.02	0.07	8.67	0.39	0.61	0.38	0.02	0.07
8.69	0.40	0.60	0.38	0.02	0.07	8.71	0.41	0.59	0.39	0.02	0.07
8.73	0.41	0.59	0.39	0.02	0.07	8.75	0.42	0.58	0.40	0.02	0.07
8.77	0.42	0.58	0.40	0.02	0.07	8.79	0.43	0.57	0.41	0.02	0.06
8.81	0.43	0.57	0.41	0.02	0.06	8.84	0.43	0.57	0.41	0.03	0.09
8.85	0.43	0.57	0.41	0.01	0.03	8.87	0.42	0.58	0.40	0.02	0.06
8.89	0.41	0.59	0.40	0.02	0.07	8.91	0.40	0.60	0.39	0.02	0.07
8.93	0.40	0.60	0.39	0.02	0.07	8.95	0.40	0.60	0.38	0.02	0.07
8.97	0.41	0.59	0.39	0.02	0.07	8.99	0.42	0.58	0.40	0.02	0.06
9.01	0.43	0.57	0.41	0.02	0.06	9.03	0.44	0.56	0.42	0.02	0.06
9.05	0.46	0.54	0.43	0.02	0.06	9.07	0.47	0.53	0.45	0.02	0.06
9.09	0.48	0.52	0.46	0.02	0.06	9.11	0.49	0.51	0.47	0.02	0.06
9.13	0.50	0.50	0.48	0.02	0.05	9.15	0.50	0.50	0.48	0.02	0.05
9.17	0.49	0.51	0.47	0.02	0.05	9.19	0.49	0.51	0.47	0.02	0.05
9.21	0.50	0.50	0.48	0.02	0.05	9.23	0.51	0.49	0.49	0.02	0.05
9.25	0.52	0.48	0.50	0.02	0.05	9.27	0.53	0.47	0.51	0.02	0.05
9.29	0.53	0.47	0.52	0.02	0.05	9.31	0.53	0.47	0.51	0.02	0.05
9.33	0.51	0.49	0.49	0.02	0.05	9.35	0.50	0.50	0.48	0.02	0.05
9.37	0.49	0.51	0.47	0.02	0.05	9.39	0.47	0.53	0.45	0.02	0.06
9.41	0.46	0.54	0.44	0.02	0.06	9.42	0.46	0.54	0.43	0.01	0.03
9.45	0.46	0.54	0.43	0.03	0.09	9.47	0.47	0.53	0.44	0.02	0.06
9.49	0.47	0.53	0.45	0.02	0.06	9.51	0.49	0.51	0.47	0.02	0.05
9.52	0.51	0.49	0.49	0.01	0.03	9.55	0.55	0.45	0.54	0.03	0.07
9.57	0.56	0.44	0.56	0.02	0.05	9.59	0.52	0.48	0.50	0.02	0.05
9.61	0.43	0.57	0.41	0.02	0.06	9.64	0.43	0.57	0.41	0.03	0.09

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.65	0.46	0.54	0.43	0.01	0.03	9.67	0.44	0.56	0.42	0.02	0.06
9.69	0.43	0.57	0.41	0.02	0.06	9.71	2.00	0.00	0.00	0.02	0.00
9.72	2.00	0.00	0.00	0.01	0.00	9.75	2.00	0.00	0.00	0.03	0.00
9.77	2.00	0.00	0.00	0.02	0.00	9.79	2.00	0.00	0.00	0.02	0.00
9.81	2.00	0.00	0.00	0.02	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.03	0.00	9.87	2.00	0.00	0.00	0.02	0.00
9.89	2.00	0.00	0.00	0.02	0.00	9.91	2.00	0.00	0.00	0.02	0.00
9.93	2.00	0.00	0.00	0.02	0.00	9.95	2.00	0.00	0.00	0.02	0.00
9.97	2.00	0.00	0.00	0.02	0.00	9.99	2.00	0.00	0.00	0.02	0.00
10.00	2.00	0.00	0.00	0.01	0.00	10.03	2.00	0.00	0.00	0.03	0.00
10.05	2.00	0.00	0.00	0.02	0.00	10.07	2.00	0.00	0.00	0.02	0.00
10.09	2.00	0.00	0.00	0.02	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.03	0.00	10.15	2.00	0.00	0.00	0.02	0.00
10.17	2.00	0.00	0.00	0.02	0.00	10.20	2.00	0.00	0.00	0.03	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.23	2.00	0.00	0.00	0.02	0.00
10.25	2.00	0.00	0.00	0.02	0.00	10.27	2.00	0.00	0.00	0.02	0.00
10.29	2.00	0.00	0.00	0.02	0.00	10.31	2.00	0.00	0.00	0.02	0.00
10.33	2.00	0.00	0.00	0.02	0.00	10.35	2.00	0.00	0.00	0.02	0.00
10.37	2.00	0.00	0.00	0.02	0.00	10.39	2.00	0.00	0.00	0.02	0.00
10.41	2.00	0.00	0.00	0.02	0.00	10.43	2.00	0.00	0.00	0.02	0.00
10.45	2.00	0.00	0.00	0.02	0.00	10.47	2.00	0.00	0.00	0.02	0.00
10.49	2.00	0.00	0.00	0.02	0.00	10.51	2.00	0.00	0.00	0.02	0.00
10.53	2.00	0.00	0.00	0.02	0.00	10.55	2.00	0.00	0.00	0.02	0.00
10.57	2.00	0.00	0.00	0.02	0.00	10.59	2.00	0.00	0.00	0.02	0.00
10.61	2.00	0.00	0.00	0.02	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.03	0.00	10.67	2.00	0.00	0.00	0.02	0.00
10.69	2.00	0.00	0.00	0.02	0.00	10.71	2.00	0.00	0.00	0.02	0.00
10.73	2.00	0.00	0.00	0.02	0.00	10.75	2.00	0.00	0.00	0.02	0.00
10.77	2.00	0.00	0.00	0.02	0.00	10.79	2.00	0.00	0.00	0.02	0.00
10.81	2.00	0.00	0.00	0.02	0.00	10.83	2.00	0.00	0.00	0.02	0.00
10.85	2.00	0.00	0.00	0.02	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.03	0.00	10.91	2.00	0.00	0.00	0.02	0.00
10.93	2.00	0.00	0.00	0.02	0.00	10.95	2.00	0.00	0.00	0.02	0.00
10.97	2.00	0.00	0.00	0.02	0.00	10.99	2.00	0.00	0.00	0.02	0.00
11.01	2.00	0.00	0.00	0.02	0.00	11.03	2.00	0.00	0.00	0.02	0.00
11.06	2.00	0.00	0.00	0.03	0.00	11.07	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.02	0.00	11.11	2.00	0.00	0.00	0.02	0.00
11.13	2.00	0.00	0.00	0.02	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.03	0.00	11.19	2.00	0.00	0.00	0.02	0.00
11.21	2.00	0.00	0.00	0.02	0.00	11.23	2.00	0.00	0.00	0.02	0.00
11.25	2.00	0.00	0.00	0.02	0.00	11.27	2.00	0.00	0.00	0.02	0.00
11.29	2.00	0.00	0.00	0.02	0.00	11.31	2.00	0.00	0.00	0.02	0.00
11.32	2.00	0.00	0.00	0.01	0.00	11.35	2.00	0.00	0.00	0.03	0.00
11.37	2.00	0.00	0.00	0.02	0.00	11.39	2.00	0.00	0.00	0.02	0.00
11.41	2.00	0.00	0.00	0.02	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.03	0.00	11.47	2.00	0.00	0.00	0.02	0.00
11.49	2.00	0.00	0.00	0.02	0.00	11.51	2.00	0.00	0.00	0.02	0.00
11.53	2.00	0.00	0.00	0.02	0.00	11.55	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.57	2.00	0.00	0.00	0.02	0.00	11.59	2.00	0.00	0.00	0.02	0.00
11.60	2.00	0.00	0.00	0.01	0.00	11.63	2.00	0.00	0.00	0.03	0.00
11.65	2.00	0.00	0.00	0.02	0.00	11.67	2.00	0.00	0.00	0.02	0.00
11.69	2.00	0.00	0.00	0.02	0.00	11.71	2.00	0.00	0.00	0.02	0.00
11.73	2.00	0.00	0.00	0.02	0.00	11.75	2.00	0.00	0.00	0.02	0.00
11.77	2.00	0.00	0.00	0.02	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.03	0.00	11.83	2.00	0.00	0.00	0.02	0.00
11.85	2.00	0.00	0.00	0.02	0.00	11.87	2.00	0.00	0.00	0.02	0.00
11.88	2.00	0.00	0.00	0.01	0.00	11.91	2.00	0.00	0.00	0.03	0.00
11.93	2.00	0.00	0.00	0.02	0.00	11.95	2.00	0.00	0.00	0.02	0.00
11.97	2.00	0.00	0.00	0.02	0.00	11.99	2.00	0.00	0.00	0.02	0.00
12.01	2.00	0.00	0.00	0.02	0.00	12.03	2.00	0.00	0.00	0.02	0.00
12.05	2.00	0.00	0.00	0.02	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.03	0.00	12.11	2.00	0.00	0.00	0.02	0.00
12.13	2.00	0.00	0.00	0.02	0.00	12.15	2.00	0.00	0.00	0.02	0.00
12.17	2.00	0.00	0.00	0.02	0.00	12.19	2.00	0.00	0.00	0.02	0.00
12.21	2.00	0.00	0.00	0.02	0.00	12.23	2.00	0.00	0.00	0.02	0.00
12.25	2.00	0.00	0.00	0.02	0.00	12.27	2.00	0.00	0.00	0.02	0.00
12.29	2.00	0.00	0.00	0.02	0.00	12.31	2.00	0.00	0.00	0.02	0.00
12.33	2.00	0.00	0.00	0.02	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.03	0.00	12.39	2.00	0.00	0.00	0.02	0.00
12.41	2.00	0.00	0.00	0.02	0.00	12.43	2.00	0.00	0.00	0.02	0.00
12.45	2.00	0.00	0.00	0.02	0.00	12.47	2.00	0.00	0.00	0.02	0.00
12.49	2.00	0.00	0.00	0.02	0.00	12.51	2.00	0.00	0.00	0.02	0.00
12.54	2.00	0.00	0.00	0.03	0.00	12.55	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.02	0.00	12.59	2.00	0.00	0.00	0.02	0.00
12.61	2.00	0.00	0.00	0.02	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.64	2.00	0.00	0.00	0.02	0.00	12.67	2.00	0.00	0.00	0.03	0.00
12.69	2.00	0.00	0.00	0.02	0.00	12.71	2.00	0.00	0.00	0.02	0.00
12.73	2.00	0.00	0.00	0.02	0.00	12.75	2.00	0.00	0.00	0.02	0.00
12.77	2.00	0.00	0.00	0.02	0.00	12.79	2.00	0.00	0.00	0.02	0.00
12.82	2.00	0.00	0.00	0.03	0.00	12.83	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.02	0.00	12.87	2.00	0.00	0.00	0.02	0.00
12.89	2.00	0.00	0.00	0.02	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.03	0.00	12.95	2.00	0.00	0.00	0.02	0.00
12.97	2.00	0.00	0.00	0.02	0.00	12.99	2.00	0.00	0.00	0.02	0.00
13.01	2.00	0.00	0.00	0.02	0.00	13.03	2.00	0.00	0.00	0.02	0.00
13.05	2.00	0.00	0.00	0.02	0.00	13.07	2.00	0.00	0.00	0.02	0.00
13.09	2.00	0.00	0.00	0.02	0.00	13.11	2.00	0.00	0.00	0.02	0.00
13.13	2.00	0.00	0.00	0.02	0.00	13.15	2.00	0.00	0.00	0.02	0.00
13.17	2.00	0.00	0.00	0.02	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.03	0.00	13.23	2.00	0.00	0.00	0.02	0.00
13.25	2.00	0.00	0.00	0.02	0.00	13.27	2.00	0.00	0.00	0.02	0.00
13.28	2.00	0.00	0.00	0.01	0.00	13.31	2.00	0.00	0.00	0.03	0.00
13.33	2.00	0.00	0.00	0.02	0.00	13.35	2.00	0.00	0.00	0.02	0.00
13.37	2.00	0.00	0.00	0.02	0.00	13.39	2.00	0.00	0.00	0.02	0.00
13.41	2.00	0.00	0.00	0.02	0.00	13.43	2.00	0.00	0.00	0.02	0.00
13.45	2.00	0.00	0.00	0.02	0.00	13.47	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.49	2.00	0.00	0.00	0.02	0.00	13.51	2.00	0.00	0.00	0.02	0.00
13.53	2.00	0.00	0.00	0.02	0.00	13.55	2.00	0.00	0.00	0.02	0.00
13.56	2.00	0.00	0.00	0.01	0.00	13.59	2.00	0.00	0.00	0.03	0.00
13.61	2.00	0.00	0.00	0.02	0.00	13.63	2.00	0.00	0.00	0.02	0.00
13.65	2.00	0.00	0.00	0.02	0.00	13.67	2.00	0.00	0.00	0.02	0.00
13.69	2.00	0.00	0.00	0.02	0.00	13.71	2.00	0.00	0.00	0.02	0.00
13.73	2.00	0.00	0.00	0.02	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.03	0.00	13.79	2.00	0.00	0.00	0.02	0.00
13.81	2.00	0.00	0.00	0.02	0.00	13.83	2.00	0.00	0.00	0.02	0.00
13.84	2.00	0.00	0.00	0.01	0.00	13.87	2.00	0.00	0.00	0.03	0.00
13.89	2.00	0.00	0.00	0.02	0.00	13.91	2.00	0.00	0.00	0.02	0.00
13.93	2.00	0.00	0.00	0.02	0.00	13.95	2.00	0.00	0.00	0.02	0.00
13.97	2.00	0.00	0.00	0.02	0.00	13.99	2.00	0.00	0.00	0.02	0.00
14.01	2.00	0.00	0.00	0.02	0.00	14.04	2.00	0.00	0.00	0.03	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.07	2.00	0.00	0.00	0.02	0.00
14.09	2.00	0.00	0.00	0.02	0.00	14.11	2.00	0.00	0.00	0.02	0.00
14.12	2.00	0.00	0.00	0.01	0.00	14.15	2.00	0.00	0.00	0.03	0.00
14.17	2.00	0.00	0.00	0.02	0.00	14.19	2.00	0.00	0.00	0.02	0.00
14.21	2.00	0.00	0.00	0.02	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.03	0.00	14.27	2.00	0.00	0.00	0.02	0.00
14.29	2.00	0.00	0.00	0.02	0.00	14.31	2.00	0.00	0.00	0.02	0.00
14.33	2.00	0.00	0.00	0.02	0.00	14.35	2.00	0.00	0.00	0.02	0.00
14.37	2.00	0.00	0.00	0.02	0.00	14.39	2.00	0.00	0.00	0.02	0.00
14.42	2.00	0.00	0.00	0.03	0.00	14.43	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.02	0.00	14.47	2.00	0.00	0.00	0.02	0.00
14.49	2.00	0.00	0.00	0.02	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.03	0.00	14.55	2.00	0.00	0.00	0.02	0.00
14.57	2.00	0.00	0.00	0.02	0.00	14.59	2.00	0.00	0.00	0.02	0.00
14.60	2.00	0.00	0.00	0.01	0.00	14.63	2.00	0.00	0.00	0.03	0.00
14.65	2.00	0.00	0.00	0.02	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.03	0.00	14.71	2.00	0.00	0.00	0.02	0.00
14.73	2.00	0.00	0.00	0.02	0.00	14.75	2.00	0.00	0.00	0.02	0.00
14.77	2.00	0.00	0.00	0.02	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.03	0.00	14.83	2.00	0.00	0.00	0.02	0.00
14.85	2.00	0.00	0.00	0.02	0.00	14.87	2.00	0.00	0.00	0.02	0.00
14.88	2.00	0.00	0.00	0.01	0.00	14.91	2.00	0.00	0.00	0.03	0.00
14.93	2.00	0.00	0.00	0.02	0.00	14.95	2.00	0.00	0.00	0.02	0.00
14.97	2.00	0.00	0.00	0.02	0.00	14.98	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.03	0.00	15.03	2.00	0.00	0.00	0.02	0.00
15.05	2.00	0.00	0.00	0.02	0.00	15.07	2.00	0.00	0.00	0.02	0.00
15.09	2.00	0.00	0.00	0.02	0.00	15.11	2.00	0.00	0.00	0.02	0.00
15.13	2.00	0.00	0.00	0.02	0.00	15.15	2.00	0.00	0.00	0.02	0.00
15.17	2.00	0.00	0.00	0.02	0.00	15.19	2.00	0.00	0.00	0.02	0.00
15.21	2.00	0.00	0.00	0.02	0.00	15.23	2.00	0.00	0.00	0.02	0.00
15.25	2.00	0.00	0.00	0.02	0.00	15.27	2.00	0.00	0.00	0.02	0.00
15.29	2.00	0.00	0.00	0.02	0.00	15.31	2.00	0.00	0.00	0.02	0.00
15.33	2.00	0.00	0.00	0.02	0.00	15.35	2.00	0.00	0.00	0.02	0.00
15.37	2.00	0.00	0.00	0.02	0.00	15.39	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.41	2.00	0.00	0.00	0.02	0.00	15.43	2.00	0.00	0.00	0.02	0.00
15.45	2.00	0.00	0.00	0.02	0.00	15.47	2.00	0.00	0.00	0.02	0.00
15.49	2.00	0.00	0.00	0.02	0.00	15.51	2.00	0.00	0.00	0.02	0.00
15.53	2.00	0.00	0.00	0.02	0.00	15.55	2.00	0.00	0.00	0.02	0.00
15.57	2.00	0.00	0.00	0.02	0.00	15.59	2.00	0.00	0.00	0.02	0.00
15.61	2.00	0.00	0.00	0.02	0.00	15.63	2.00	0.00	0.00	0.02	0.00
15.65	2.00	0.00	0.00	0.02	0.00	15.67	2.00	0.00	0.00	0.02	0.00
15.69	2.00	0.00	0.00	0.02	0.00	15.71	2.00	0.00	0.00	0.02	0.00
15.73	2.00	0.00	0.00	0.02	0.00	15.75	2.00	0.00	0.00	0.02	0.00
15.76	2.00	0.00	0.00	0.01	0.00	15.79	2.00	0.00	0.00	0.03	0.00
15.81	2.00	0.00	0.00	0.02	0.00	15.83	2.00	0.00	0.00	0.02	0.00
15.85	2.00	0.00	0.00	0.02	0.00	15.88	2.00	0.00	0.00	0.03	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.91	2.00	0.00	0.00	0.02	0.00
15.93	2.00	0.00	0.00	0.02	0.00	15.95	2.00	0.00	0.00	0.02	0.00
15.96	2.00	0.00	0.00	0.01	0.00	15.99	2.00	0.00	0.00	0.03	0.00
16.01	2.00	0.00	0.00	0.02	0.00	16.03	2.00	0.00	0.00	0.02	0.00
16.05	2.00	0.00	0.00	0.02	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.03	0.00	16.11	2.00	0.00	0.00	0.02	0.00
16.13	2.00	0.00	0.00	0.02	0.00	16.15	2.00	0.00	0.00	0.02	0.00
16.16	2.00	0.00	0.00	0.01	0.00	16.19	2.00	0.00	0.00	0.03	0.00
16.21	2.00	0.00	0.00	0.02	0.00	16.23	2.00	0.00	0.00	0.02	0.00
16.25	2.00	0.00	0.00	0.02	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.03	0.00	16.31	2.00	0.00	0.00	0.02	0.00
16.33	2.00	0.00	0.00	0.02	0.00	16.35	2.00	0.00	0.00	0.02	0.00
16.36	2.00	0.00	0.00	0.01	0.00	16.39	2.00	0.00	0.00	0.03	0.00
16.41	2.00	0.00	0.00	0.02	0.00	16.43	2.00	0.00	0.00	0.02	0.00
16.45	2.00	0.00	0.00	0.02	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.03	0.00	16.51	2.00	0.00	0.00	0.02	0.00
16.53	2.00	0.00	0.00	0.02	0.00	16.55	2.00	0.00	0.00	0.02	0.00
16.57	2.00	0.00	0.00	0.02	0.00	16.59	2.00	0.00	0.00	0.02	0.00
16.61	2.00	0.00	0.00	0.02	0.00	16.63	2.00	0.00	0.00	0.02	0.00
16.65	2.00	0.00	0.00	0.02	0.00	16.67	2.00	0.00	0.00	0.02	0.00
16.68	2.00	0.00	0.00	0.01	0.00	16.71	2.00	0.00	0.00	0.03	0.00
16.73	2.00	0.00	0.00	0.02	0.00	16.75	2.00	0.00	0.00	0.02	0.00
16.77	2.00	0.00	0.00	0.02	0.00	16.79	2.00	0.00	0.00	0.02	0.00
16.81	2.00	0.00	0.00	0.02	0.00	16.83	2.00	0.00	0.00	0.02	0.00
16.85	2.00	0.00	0.00	0.02	0.00	16.87	2.00	0.00	0.00	0.02	0.00
16.89	2.00	0.00	0.00	0.02	0.00	16.91	2.00	0.00	0.00	0.02	0.00
16.93	2.00	0.00	0.00	0.02	0.00	16.95	2.00	0.00	0.00	0.02	0.00
16.96	2.00	0.00	0.00	0.01	0.00	16.99	2.00	0.00	0.00	0.03	0.00
17.01	2.00	0.00	0.00	0.02	0.00	17.03	2.00	0.00	0.00	0.02	0.00
17.05	2.00	0.00	0.00	0.02	0.00	17.06	2.00	0.00	0.00	0.01	0.00
17.09	2.00	0.00	0.00	0.03	0.00	17.11	2.00	0.00	0.00	0.02	0.00
17.13	2.00	0.00	0.00	0.02	0.00	17.15	2.00	0.00	0.00	0.02	0.00
17.16	2.00	0.00	0.00	0.01	0.00	17.19	2.00	0.00	0.00	0.03	0.00
17.21	2.00	0.00	0.00	0.02	0.00	17.23	2.00	0.00	0.00	0.02	0.00
17.25	2.00	0.00	0.00	0.02	0.00	17.26	2.00	0.00	0.00	0.01	0.00
17.29	2.00	0.00	0.00	0.03	0.00	17.31	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.33	2.00	0.00	0.00	0.02	0.00	17.35	2.00	0.00	0.00	0.02	0.00
17.37	2.00	0.00	0.00	0.02	0.00	17.39	2.00	0.00	0.00	0.02	0.00
17.41	2.00	0.00	0.00	0.02	0.00	17.43	2.00	0.00	0.00	0.02	0.00
17.45	2.00	0.00	0.00	0.02	0.00	17.47	2.00	0.00	0.00	0.02	0.00
17.49	2.00	0.00	0.00	0.02	0.00	17.51	2.00	0.00	0.00	0.02	0.00
17.53	2.00	0.00	0.00	0.02	0.00	17.55	2.00	0.00	0.00	0.02	0.00
17.57	2.00	0.00	0.00	0.02	0.00	17.58	2.00	0.00	0.00	0.01	0.00
17.61	2.00	0.00	0.00	0.03	0.00	17.63	2.00	0.00	0.00	0.02	0.00
17.65	2.00	0.00	0.00	0.02	0.00	17.67	2.00	0.00	0.00	0.02	0.00
17.68	2.00	0.00	0.00	0.01	0.00	17.71	2.00	0.00	0.00	0.03	0.00
17.73	2.00	0.00	0.00	0.02	0.00	17.75	2.00	0.00	0.00	0.02	0.00
17.77	2.00	0.00	0.00	0.02	0.00	17.78	2.00	0.00	0.00	0.01	0.00
17.81	2.00	0.00	0.00	0.03	0.00	17.83	2.00	0.00	0.00	0.02	0.00
17.85	2.00	0.00	0.00	0.02	0.00	17.87	2.00	0.00	0.00	0.02	0.00
17.88	2.00	0.00	0.00	0.01	0.00	17.91	2.00	0.00	0.00	0.03	0.00
17.93	2.00	0.00	0.00	0.02	0.00	17.95	2.00	0.00	0.00	0.02	0.00
17.97	2.00	0.00	0.00	0.02	0.00	17.99	2.00	0.00	0.00	0.02	0.00
18.00	2.00	0.00	0.00	0.01	0.00	18.03	2.00	0.00	0.00	0.03	0.00
18.05	2.00	0.00	0.00	0.02	0.00	18.07	2.00	0.00	0.00	0.02	0.00
18.09	2.00	0.00	0.00	0.02	0.00	18.10	2.00	0.00	0.00	0.01	0.00
18.13	2.00	0.00	0.00	0.03	0.00	18.15	2.00	0.00	0.00	0.02	0.00
18.17	2.00	0.00	0.00	0.02	0.00	18.19	2.00	0.00	0.00	0.02	0.00
18.21	2.00	0.00	0.00	0.02	0.00	18.23	2.00	0.00	0.00	0.02	0.00
18.25	2.00	0.00	0.00	0.02	0.00	18.27	2.00	0.00	0.00	0.02	0.00
18.29	2.00	0.00	0.00	0.02	0.00	18.32	2.00	0.00	0.00	0.03	0.00
18.32	2.00	0.00	0.00	0.00	0.00	18.35	2.00	0.00	0.00	0.03	0.00
18.37	2.00	0.00	0.00	0.02	0.00	18.39	2.00	0.00	0.00	0.02	0.00
18.41	2.00	0.00	0.00	0.02	0.00	18.44	2.00	0.00	0.00	0.03	0.00
18.45	2.00	0.00	0.00	0.01	0.00	18.47	2.00	0.00	0.00	0.02	0.00
18.49	2.00	0.00	0.00	0.02	0.00	18.51	2.00	0.00	0.00	0.02	0.00
18.53	2.00	0.00	0.00	0.02	0.00	18.55	2.00	0.00	0.00	0.02	0.00
18.57	2.00	0.00	0.00	0.02	0.00	18.59	2.00	0.00	0.00	0.02	0.00
18.61	2.00	0.00	0.00	0.02	0.00	18.63	2.00	0.00	0.00	0.02	0.00
18.64	2.00	0.00	0.00	0.01	0.00	18.67	2.00	0.00	0.00	0.03	0.00
18.69	2.00	0.00	0.00	0.02	0.00	18.71	2.00	0.00	0.00	0.02	0.00
18.73	2.00	0.00	0.00	0.02	0.00	18.75	2.00	0.00	0.00	0.02	0.00
18.77	2.00	0.00	0.00	0.02	0.00	18.79	2.00	0.00	0.00	0.02	0.00
18.80	2.00	0.00	0.00	0.01	0.00	18.83	2.00	0.00	0.00	0.03	0.00
18.85	2.00	0.00	0.00	0.02	0.00	18.87	2.00	0.00	0.00	0.02	0.00
18.89	2.00	0.00	0.00	0.02	0.00	18.91	2.00	0.00	0.00	0.02	0.00
18.93	0.53	0.47	0.52	0.02	0.00	18.95	0.53	0.47	0.52	0.02	0.00
18.96	2.00	0.00	0.00	0.01	0.00	18.99	2.00	0.00	0.00	0.03	0.00
19.01	2.00	0.00	0.00	0.02	0.00	19.03	2.00	0.00	0.00	0.02	0.00
19.05	2.00	0.00	0.00	0.02	0.00	19.06	2.00	0.00	0.00	0.01	0.00
19.08	2.00	0.00	0.00	0.02	0.00	19.11	2.00	0.00	0.00	0.03	0.00
19.13	2.00	0.00	0.00	0.02	0.00	19.15	2.00	0.00	0.00	0.02	0.00
19.17	2.00	0.00	0.00	0.02	0.00	19.19	2.00	0.00	0.00	0.02	0.00
19.21	2.00	0.00	0.00	0.02	0.00	19.22	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.25	2.00	0.00	0.00	0.03	0.00	19.27	2.00	0.00	0.00	0.02	0.00
19.29	2.00	0.00	0.00	0.02	0.00	19.31	2.00	0.00	0.00	0.02	0.00
19.33	2.00	0.00	0.00	0.02	0.00	19.35	2.00	0.00	0.00	0.02	0.00
19.36	2.00	0.00	0.00	0.01	0.00	19.39	2.00	0.00	0.00	0.03	0.00
19.41	2.00	0.00	0.00	0.02	0.00	19.43	2.00	0.00	0.00	0.02	0.00
19.45	2.00	0.00	0.00	0.02	0.00	19.47	2.00	0.00	0.00	0.02	0.00
19.49	2.00	0.00	0.00	0.02	0.00	19.50	2.00	0.00	0.00	0.01	0.00
19.53	2.00	0.00	0.00	0.03	0.00	19.55	2.00	0.00	0.00	0.02	0.00
19.57	2.00	0.00	0.00	0.02	0.00	19.59	2.00	0.00	0.00	0.02	0.00
19.61	2.00	0.00	0.00	0.02	0.00	19.63	2.00	0.00	0.00	0.02	0.00
19.64	2.00	0.00	0.00	0.01	0.00	19.67	2.00	0.00	0.00	0.03	0.00
19.69	2.00	0.00	0.00	0.02	0.00	19.71	2.00	0.00	0.00	0.02	0.00
19.73	2.00	0.00	0.00	0.02	0.00	19.75	2.00	0.00	0.00	0.02	0.00
19.77	2.00	0.00	0.00	0.02	0.00	19.79	2.00	0.00	0.00	0.02	0.00
19.81	2.00	0.00	0.00	0.02	0.00	19.83	2.00	0.00	0.00	0.02	0.00
19.84	2.00	0.00	0.00	0.01	0.00	19.87	2.00	0.00	0.00	0.03	0.00
19.89	2.00	0.00	0.00	0.02	0.00	19.91	2.00	0.00	0.00	0.02	0.00
19.93	2.00	0.00	0.00	0.02	0.00	19.95	2.00	0.00	0.00	0.02	0.00
19.96	2.00	0.00	0.00	0.01	0.00	19.99	2.00	0.00	0.00	0.03	0.00
20.01	2.00	0.00	0.00	0.02	0.00	20.03	2.00	0.00	0.00	0.02	0.00
20.05	2.00	0.00	0.00	0.02	0.00	20.07	2.00	0.00	0.00	0.02	0.00
20.08	2.00	0.00	0.00	0.01	0.00	20.11	2.00	0.00	0.00	0.03	0.00
20.13	2.00	0.00	0.00	0.02	0.00	20.15	2.00	0.00	0.00	0.02	0.00
20.17	2.00	0.00	0.00	0.02	0.00	20.19	2.00	0.00	0.00	0.02	0.00
20.20	2.00	0.00	0.00	0.01	0.00	20.23	2.00	0.00	0.00	0.03	0.00
20.25	2.00	0.00	0.00	0.02	0.00	20.27	2.00	0.00	0.00	0.02	0.00
20.29	2.00	0.00	0.00	0.02	0.00	20.31	2.00	0.00	0.00	0.02	0.00
20.33	2.00	0.00	0.00	0.02	0.00	20.34	2.00	0.00	0.00	0.01	0.00
20.37	2.00	0.00	0.00	0.03	0.00	20.39	2.00	0.00	0.00	0.02	0.00
20.41	2.00	0.00	0.00	0.02	0.00	20.43	2.00	0.00	0.00	0.02	0.00
20.45	2.00	0.00	0.00	0.02	0.00	20.46	2.00	0.00	0.00	0.01	0.00
20.49	2.00	0.00	0.00	0.03	0.00	20.51	2.00	0.00	0.00	0.02	0.00
20.53	2.00	0.00	0.00	0.02	0.00	20.55	2.00	0.00	0.00	0.02	0.00
20.57	2.00	0.00	0.00	0.02	0.00	20.59	2.00	0.00	0.00	0.02	0.00
20.61	2.00	0.00	0.00	0.02	0.00	20.63	2.00	0.00	0.00	0.02	0.00
20.65	2.00	0.00	0.00	0.02	0.00	20.67	2.00	0.00	0.00	0.02	0.00
20.69	2.00	0.00	0.00	0.02	0.00	20.71	2.00	0.00	0.00	0.02	0.00
20.72	2.00	0.00	0.00	0.01	0.00	20.75	2.00	0.00	0.00	0.03	0.00
20.76	2.00	0.00	0.00	0.01	0.00	20.79	2.00	0.00	0.00	0.03	0.00
20.81	2.00	0.00	0.00	0.02	0.00	20.83	2.00	0.00	0.00	0.02	0.00
20.85	2.00	0.00	0.00	0.02	0.00	20.87	2.00	0.00	0.00	0.02	0.00
20.89	2.00	0.00	0.00	0.02	0.00	20.91	2.00	0.00	0.00	0.02	0.00
20.93	2.00	0.00	0.00	0.02	0.00	20.95	2.00	0.00	0.00	0.02	0.00
20.97	2.00	0.00	0.00	0.02	0.00	20.99	2.00	0.00	0.00	0.02	0.00
21.01	2.00	0.00	0.00	0.02	0.00	21.02	2.00	0.00	0.00	0.01	0.00
21.05	2.00	0.00	0.00	0.03	0.00	21.07	2.00	0.00	0.00	0.02	0.00
21.09	2.00	0.00	0.00	0.02	0.00	21.11	2.00	0.00	0.00	0.02	0.00
21.13	2.00	0.00	0.00	0.02	0.00	21.14	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
21.17	2.00	0.00	0.00	0.03	0.00	21.19	2.00	0.00	0.00	0.02	0.00
21.21	2.00	0.00	0.00	0.02	0.00	21.23	2.00	0.00	0.00	0.02	0.00
21.25	2.00	0.00	0.00	0.02	0.00	21.26	2.00	0.00	0.00	0.01	0.00
21.29	2.00	0.00	0.00	0.03	0.00	21.31	2.00	0.00	0.00	0.02	0.00
21.33	2.00	0.00	0.00	0.02	0.00	21.35	2.00	0.00	0.00	0.02	0.00
21.37	2.00	0.00	0.00	0.02	0.00	21.39	2.00	0.00	0.00	0.02	0.00
21.40	2.00	0.00	0.00	0.01	0.00	21.43	2.00	0.00	0.00	0.03	0.00
21.45	2.00	0.00	0.00	0.02	0.00	21.47	2.00	0.00	0.00	0.02	0.00
21.49	2.00	0.00	0.00	0.02	0.00	21.51	2.00	0.00	0.00	0.02	0.00
21.52	2.00	0.00	0.00	0.01	0.00	21.55	2.00	0.00	0.00	0.03	0.00
21.57	2.00	0.00	0.00	0.02	0.00	21.59	2.00	0.00	0.00	0.02	0.00
21.61	2.00	0.00	0.00	0.02	0.00	21.63	2.00	0.00	0.00	0.02	0.00
21.65	2.00	0.00	0.00	0.02	0.00	21.66	2.00	0.00	0.00	0.01	0.00
21.69	2.00	0.00	0.00	0.03	0.00	21.71	2.00	0.00	0.00	0.02	0.00
21.73	2.00	0.00	0.00	0.02	0.00	21.75	2.00	0.00	0.00	0.02	0.00
21.76	2.00	0.00	0.00	0.01	0.00	21.78	2.00	0.00	0.00	0.02	0.00
21.81	2.00	0.00	0.00	0.03	0.00	21.83	2.00	0.00	0.00	0.02	0.00
21.85	2.00	0.00	0.00	0.02	0.00	21.87	2.00	0.00	0.00	0.02	0.00
21.89	2.00	0.00	0.00	0.02	0.00	21.91	2.00	0.00	0.00	0.02	0.00
21.93	2.00	0.00	0.00	0.02	0.00	21.95	2.00	0.00	0.00	0.02	0.00
21.97	2.00	0.00	0.00	0.02	0.00	21.99	2.00	0.00	0.00	0.02	0.00
22.01	2.00	0.00	0.00	0.02	0.00	22.03	2.00	0.00	0.00	0.02	0.00
22.05	2.00	0.00	0.00	0.02	0.00	22.06	2.00	0.00	0.00	0.01	0.00
22.09	2.00	0.00	0.00	0.03	0.00	22.11	2.00	0.00	0.00	0.02	0.00
22.13	2.00	0.00	0.00	0.02	0.00	22.15	2.00	0.00	0.00	0.02	0.00
22.17	2.00	0.00	0.00	0.02	0.00	22.19	2.00	0.00	0.00	0.02	0.00
22.21	2.00	0.00	0.00	0.02	0.00	22.23	2.00	0.00	0.00	0.02	0.00
22.25	2.00	0.00	0.00	0.02	0.00	22.27	2.00	0.00	0.00	0.02	0.00
22.29	2.00	0.00	0.00	0.02	0.00	22.31	2.00	0.00	0.00	0.02	0.00
22.32	2.00	0.00	0.00	0.01	0.00	22.35	2.00	0.00	0.00	0.03	0.00
22.37	2.00	0.00	0.00	0.02	0.00	22.39	2.00	0.00	0.00	0.02	0.00
22.41	2.00	0.00	0.00	0.02	0.00	22.43	2.00	0.00	0.00	0.02	0.00
22.45	2.00	0.00	0.00	0.02	0.00	22.46	2.00	0.00	0.00	0.01	0.00
22.49	2.00	0.00	0.00	0.03	0.00	22.51	2.00	0.00	0.00	0.02	0.00
22.53	2.00	0.00	0.00	0.02	0.00	22.55	2.00	0.00	0.00	0.02	0.00
22.57	2.00	0.00	0.00	0.02	0.00	22.59	2.00	0.00	0.00	0.02	0.00
22.60	2.00	0.00	0.00	0.01	0.00	22.63	2.00	0.00	0.00	0.03	0.00
22.65	2.00	0.00	0.00	0.02	0.00	22.67	2.00	0.00	0.00	0.02	0.00
22.69	2.00	0.00	0.00	0.02	0.00	22.71	2.00	0.00	0.00	0.02	0.00
22.73	2.00	0.00	0.00	0.02	0.00	22.74	2.00	0.00	0.00	0.01	0.00
22.77	2.00	0.00	0.00	0.03	0.00	22.78	2.00	0.00	0.00	0.01	0.00
22.81	2.00	0.00	0.00	0.03	0.00	22.83	2.00	0.00	0.00	0.02	0.00
22.85	2.00	0.00	0.00	0.02	0.00	22.86	2.00	0.00	0.00	0.01	0.00
22.88	2.00	0.00	0.00	0.02	0.00	22.91	2.00	0.00	0.00	0.03	0.00
22.93	2.00	0.00	0.00	0.02	0.00	22.95	2.00	0.00	0.00	0.02	0.00
22.97	2.00	0.00	0.00	0.02	0.00	22.99	2.00	0.00	0.00	0.02	0.00
23.01	2.00	0.00	0.00	0.02	0.00	23.04	2.00	0.00	0.00	0.03	0.00
23.04	2.00	0.00	0.00	0.00	0.00	23.07	2.00	0.00	0.00	0.03	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
23.09	2.00	0.00	0.00	0.02	0.00	23.11	2.00	0.00	0.00	0.02	0.00
23.13	2.00	0.00	0.00	0.02	0.00	23.15	2.00	0.00	0.00	0.02	0.00
23.17	2.00	0.00	0.00	0.02	0.00	23.19	2.00	0.00	0.00	0.02	0.00
23.21	2.00	0.00	0.00	0.02	0.00	23.23	2.00	0.00	0.00	0.02	0.00
23.25	2.00	0.00	0.00	0.02	0.00	23.27	2.00	0.00	0.00	0.02	0.00
23.29	2.00	0.00	0.00	0.02	0.00	23.31	2.00	0.00	0.00	0.02	0.00
23.32	2.00	0.00	0.00	0.01	0.00	23.35	2.00	0.00	0.00	0.03	0.00
23.37	2.00	0.00	0.00	0.02	0.00	23.39	2.00	0.00	0.00	0.02	0.00
23.41	2.00	0.00	0.00	0.02	0.00	23.43	2.00	0.00	0.00	0.02	0.00
23.45	2.00	0.00	0.00	0.02	0.00	23.46	2.00	0.00	0.00	0.01	0.00
23.49	2.00	0.00	0.00	0.03	0.00	23.51	2.00	0.00	0.00	0.02	0.00
23.53	2.00	0.00	0.00	0.02	0.00	23.55	2.00	0.00	0.00	0.02	0.00
23.57	2.00	0.00	0.00	0.02	0.00	23.59	2.00	0.00	0.00	0.02	0.00
23.61	2.00	0.00	0.00	0.02	0.00	23.63	2.00	0.00	0.00	0.02	0.00
23.65	2.00	0.00	0.00	0.02	0.00	23.67	2.00	0.00	0.00	0.02	0.00
23.69	2.00	0.00	0.00	0.02	0.00	23.71	2.00	0.00	0.00	0.02	0.00
23.73	2.00	0.00	0.00	0.02	0.00	23.75	2.00	0.00	0.00	0.02	0.00
23.76	2.00	0.00	0.00	0.01	0.00	23.79	2.00	0.00	0.00	0.03	0.00
23.80	2.00	0.00	0.00	0.01	0.00	23.83	2.00	0.00	0.00	0.03	0.00
23.85	2.00	0.00	0.00	0.02	0.00	23.87	2.00	0.00	0.00	0.02	0.00
23.88	2.00	0.00	0.00	0.01	0.00	23.91	2.00	0.00	0.00	0.03	0.00
23.93	2.00	0.00	0.00	0.02	0.00	23.95	2.00	0.00	0.00	0.02	0.00
23.97	2.00	0.00	0.00	0.02	0.00	23.99	2.00	0.00	0.00	0.02	0.00
24.01	2.00	0.00	0.00	0.02	0.00	24.03	2.00	0.00	0.00	0.02	0.00
24.04	2.00	0.00	0.00	0.01	0.00	24.07	2.00	0.00	0.00	0.03	0.00
24.09	2.00	0.00	0.00	0.02	0.00	24.11	2.00	0.00	0.00	0.02	0.00
24.13	2.00	0.00	0.00	0.02	0.00	24.15	2.00	0.00	0.00	0.02	0.00
24.17	2.00	0.00	0.00	0.02	0.00	24.18	2.00	0.00	0.00	0.01	0.00
24.21	2.00	0.00	0.00	0.03	0.00	24.23	2.00	0.00	0.00	0.02	0.00
24.25	2.00	0.00	0.00	0.02	0.00	24.27	2.00	0.00	0.00	0.02	0.00
24.29	2.00	0.00	0.00	0.02	0.00	24.31	2.00	0.00	0.00	0.02	0.00
24.32	2.00	0.00	0.00	0.01	0.00	24.35	2.00	0.00	0.00	0.03	0.00
24.37	2.00	0.00	0.00	0.02	0.00	24.39	2.00	0.00	0.00	0.02	0.00
24.41	2.00	0.00	0.00	0.02	0.00	24.43	2.00	0.00	0.00	0.02	0.00
24.45	2.00	0.00	0.00	0.02	0.00	24.47	2.00	0.00	0.00	0.02	0.00
24.48	2.00	0.00	0.00	0.01	0.00	24.51	2.00	0.00	0.00	0.03	0.00
24.53	2.00	0.00	0.00	0.02	0.00	24.55	2.00	0.00	0.00	0.02	0.00
24.57	2.00	0.00	0.00	0.02	0.00	24.59	2.00	0.00	0.00	0.02	0.00
24.61	2.00	0.00	0.00	0.02	0.00	24.62	2.00	0.00	0.00	0.01	0.00
24.65	2.00	0.00	0.00	0.03	0.00	24.67	2.00	0.00	0.00	0.02	0.00
24.69	2.00	0.00	0.00	0.02	0.00	24.71	2.00	0.00	0.00	0.02	0.00
24.73	2.00	0.00	0.00	0.02	0.00	24.75	2.00	0.00	0.00	0.02	0.00
24.76	2.00	0.00	0.00	0.01	0.00	24.79	2.00	0.00	0.00	0.03	0.00
24.81	2.00	0.00	0.00	0.02	0.00	24.82	2.00	0.00	0.00	0.01	0.00
24.85	2.00	0.00	0.00	0.03	0.00	24.87	2.00	0.00	0.00	0.02	0.00
24.89	2.00	0.00	0.00	0.02	0.00	24.90	2.00	0.00	0.00	0.01	0.00
24.93	2.00	0.00	0.00	0.03	0.00	24.95	2.00	0.00	0.00	0.02	0.00
24.97	2.00	0.00	0.00	0.02	0.00	24.99	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
25.01	2.00	0.00	0.00	0.02	0.00	25.03	2.00	0.00	0.00	0.02	0.00
25.05	2.00	0.00	0.00	0.02	0.00	25.06	2.00	0.00	0.00	0.01	0.00
25.09	2.00	0.00	0.00	0.03	0.00	25.11	2.00	0.00	0.00	0.02	0.00
25.13	2.00	0.00	0.00	0.02	0.00	25.15	2.00	0.00	0.00	0.02	0.00
25.17	2.00	0.00	0.00	0.02	0.00	25.19	2.00	0.00	0.00	0.02	0.00
25.20	2.00	0.00	0.00	0.01	0.00	25.23	2.00	0.00	0.00	0.03	0.00
25.25	2.00	0.00	0.00	0.02	0.00	25.27	2.00	0.00	0.00	0.02	0.00
25.29	2.00	0.00	0.00	0.02	0.00	25.31	2.00	0.00	0.00	0.02	0.00
25.33	2.00	0.00	0.00	0.02	0.00	25.34	2.00	0.00	0.00	0.01	0.00
25.37	2.00	0.00	0.00	0.03	0.00	25.39	2.00	0.00	0.00	0.02	0.00
25.41	2.00	0.00	0.00	0.02	0.00	25.43	2.00	0.00	0.00	0.02	0.00
25.45	2.00	0.00	0.00	0.02	0.00	25.47	2.00	0.00	0.00	0.02	0.00
25.49	2.00	0.00	0.00	0.02	0.00	25.50	2.00	0.00	0.00	0.01	0.00
25.53	2.00	0.00	0.00	0.03	0.00	25.55	2.00	0.00	0.00	0.02	0.00
25.57	2.00	0.00	0.00	0.02	0.00	25.59	2.00	0.00	0.00	0.02	0.00
25.61	2.00	0.00	0.00	0.02	0.00	25.63	2.00	0.00	0.00	0.02	0.00
25.64	2.00	0.00	0.00	0.01	0.00	25.67	2.00	0.00	0.00	0.03	0.00
25.69	2.00	0.00	0.00	0.02	0.00	25.71	2.00	0.00	0.00	0.02	0.00
25.73	2.00	0.00	0.00	0.02	0.00	25.75	2.00	0.00	0.00	0.02	0.00
25.77	2.00	0.00	0.00	0.02	0.00	25.79	2.00	0.00	0.00	0.02	0.00
25.80	2.00	0.00	0.00	0.01	0.00	25.83	2.00	0.00	0.00	0.03	0.00
25.84	2.00	0.00	0.00	0.01	0.00	25.87	2.00	0.00	0.00	0.03	0.00
25.89	2.00	0.00	0.00	0.02	0.00	25.91	2.00	0.00	0.00	0.02	0.00
25.92	2.00	0.00	0.00	0.01	0.00	25.95	2.00	0.00	0.00	0.03	0.00
25.97	2.00	0.00	0.00	0.02	0.00	25.99	2.00	0.00	0.00	0.02	0.00
26.01	2.00	0.00	0.00	0.02	0.00	26.03	2.00	0.00	0.00	0.02	0.00
26.05	2.00	0.00	0.00	0.02	0.00	26.07	2.00	0.00	0.00	0.02	0.00
26.08	2.00	0.00	0.00	0.01	0.00	26.11	2.00	0.00	0.00	0.03	0.00
26.13	2.00	0.00	0.00	0.02	0.00	26.15	2.00	0.00	0.00	0.02	0.00
26.17	2.00	0.00	0.00	0.02	0.00	26.19	2.00	0.00	0.00	0.02	0.00
26.21	2.00	0.00	0.00	0.02	0.00	26.23	2.00	0.00	0.00	0.02	0.00
26.25	2.00	0.00	0.00	0.02	0.00	26.27	2.00	0.00	0.00	0.02	0.00
26.29	2.00	0.00	0.00	0.02	0.00	26.31	2.00	0.00	0.00	0.02	0.00
26.33	2.00	0.00	0.00	0.02	0.00	26.35	2.00	0.00	0.00	0.02	0.00
26.37	2.00	0.00	0.00	0.02	0.00	26.38	2.00	0.00	0.00	0.01	0.00
26.41	2.00	0.00	0.00	0.03	0.00	26.43	2.00	0.00	0.00	0.02	0.00
26.45	2.00	0.00	0.00	0.02	0.00	26.47	2.00	0.00	0.00	0.02	0.00
26.49	2.00	0.00	0.00	0.02	0.00	26.51	2.00	0.00	0.00	0.02	0.00
26.53	2.00	0.00	0.00	0.02	0.00	26.54	2.00	0.00	0.00	0.01	0.00
26.57	2.00	0.00	0.00	0.03	0.00	26.59	2.00	0.00	0.00	0.02	0.00
26.61	2.00	0.00	0.00	0.02	0.00	26.63	2.00	0.00	0.00	0.02	0.00
26.65	2.00	0.00	0.00	0.02	0.00	26.67	2.00	0.00	0.00	0.02	0.00
26.68	2.00	0.00	0.00	0.01	0.00	26.71	2.00	0.00	0.00	0.03	0.00
26.73	2.00	0.00	0.00	0.02	0.00	26.75	2.00	0.00	0.00	0.02	0.00
26.77	2.00	0.00	0.00	0.02	0.00	26.79	2.00	0.00	0.00	0.02	0.00
26.81	2.00	0.00	0.00	0.02	0.00	26.82	2.00	0.00	0.00	0.01	0.00
26.84	2.00	0.00	0.00	0.02	0.00	26.86	2.00	0.00	0.00	0.02	0.00
26.88	2.00	0.00	0.00	0.02	0.00	26.91	2.00	0.00	0.00	0.03	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
26.93	2.00	0.00	0.00	0.02	0.00	26.95	2.00	0.00	0.00	0.02	0.00
26.97	2.00	0.00	0.00	0.02	0.00	26.99	2.00	0.00	0.00	0.02	0.00
27.01	2.00	0.00	0.00	0.02	0.00	27.03	2.00	0.00	0.00	0.02	0.00
27.05	2.00	0.00	0.00	0.02	0.00	27.06	2.00	0.00	0.00	0.01	0.00
27.09	2.00	0.00	0.00	0.03	0.00	27.11	2.00	0.00	0.00	0.02	0.00
27.13	2.00	0.00	0.00	0.02	0.00	27.15	2.00	0.00	0.00	0.02	0.00
27.17	2.00	0.00	0.00	0.02	0.00	27.19	2.00	0.00	0.00	0.02	0.00
27.21	2.00	0.00	0.00	0.02	0.00	27.23	2.00	0.00	0.00	0.02	0.00
27.24	2.00	0.00	0.00	0.01	0.00	27.27	2.00	0.00	0.00	0.03	0.00
27.29	2.00	0.00	0.00	0.02	0.00	27.31	2.00	0.00	0.00	0.02	0.00
27.33	2.00	0.00	0.00	0.02	0.00	27.35	2.00	0.00	0.00	0.02	0.00
27.37	2.00	0.00	0.00	0.02	0.00	27.39	2.00	0.00	0.00	0.02	0.00
27.40	2.00	0.00	0.00	0.01	0.00	27.43	2.00	0.00	0.00	0.03	0.00
27.45	2.00	0.00	0.00	0.02	0.00	27.47	2.00	0.00	0.00	0.02	0.00
27.49	2.00	0.00	0.00	0.02	0.00	27.51	2.00	0.00	0.00	0.02	0.00
27.53	2.00	0.00	0.00	0.02	0.00	27.55	2.00	0.00	0.00	0.02	0.00
27.57	2.00	0.00	0.00	0.02	0.00	27.58	2.00	0.00	0.00	0.01	0.00
27.61	2.00	0.00	0.00	0.03	0.00	27.63	2.00	0.00	0.00	0.02	0.00
27.65	2.00	0.00	0.00	0.02	0.00	27.67	2.00	0.00	0.00	0.02	0.00
27.69	2.00	0.00	0.00	0.02	0.00	27.71	2.00	0.00	0.00	0.02	0.00
27.73	2.00	0.00	0.00	0.02	0.00	27.75	2.00	0.00	0.00	0.02	0.00
27.77	2.00	0.00	0.00	0.02	0.00	27.78	2.00	0.00	0.00	0.01	0.00
27.81	2.00	0.00	0.00	0.03	0.00	27.83	2.00	0.00	0.00	0.02	0.00
27.85	2.00	0.00	0.00	0.02	0.00	27.87	2.00	0.00	0.00	0.02	0.00
27.88	2.00	0.00	0.00	0.01	0.00	27.91	2.00	0.00	0.00	0.03	0.00
27.92	2.00	0.00	0.00	0.01	0.00	27.95	2.00	0.00	0.00	0.03	0.00
27.97	2.00	0.00	0.00	0.02	0.00	27.99	2.00	0.00	0.00	0.02	0.00
28.01	2.00	0.00	0.00	0.02	0.00	28.03	2.00	0.00	0.00	0.02	0.00
28.05	2.00	0.00	0.00	0.02	0.00	28.07	2.00	0.00	0.00	0.02	0.00
28.09	2.00	0.00	0.00	0.02	0.00	28.11	2.00	0.00	0.00	0.02	0.00
28.12	2.00	0.00	0.00	0.01	0.00	28.14	2.00	0.00	0.00	0.02	0.00
28.17	2.00	0.00	0.00	0.03	0.00	28.19	2.00	0.00	0.00	0.02	0.00
28.21	2.00	0.00	0.00	0.02	0.00	28.23	2.00	0.00	0.00	0.02	0.00
28.25	2.00	0.00	0.00	0.02	0.00	28.27	2.00	0.00	0.00	0.02	0.00
28.29	2.00	0.00	0.00	0.02	0.00	28.31	2.00	0.00	0.00	0.02	0.00
28.32	2.00	0.00	0.00	0.01	0.00	28.35	2.00	0.00	0.00	0.03	0.00
28.37	2.00	0.00	0.00	0.02	0.00	28.39	2.00	0.00	0.00	0.02	0.00
28.41	2.00	0.00	0.00	0.02	0.00	28.43	2.00	0.00	0.00	0.02	0.00
28.45	2.00	0.00	0.00	0.02	0.00	28.47	2.00	0.00	0.00	0.02	0.00
28.49	2.00	0.00	0.00	0.02	0.00	28.50	2.00	0.00	0.00	0.01	0.00
28.52	2.00	0.00	0.00	0.02	0.00	28.55	2.00	0.00	0.00	0.03	0.00
28.57	2.00	0.00	0.00	0.02	0.00	28.59	2.00	0.00	0.00	0.02	0.00
28.61	2.00	0.00	0.00	0.02	0.00	28.63	2.00	0.00	0.00	0.02	0.00
28.65	2.00	0.00	0.00	0.02	0.00	28.67	2.00	0.00	0.00	0.02	0.00
28.69	2.00	0.00	0.00	0.02	0.00	28.70	2.00	0.00	0.00	0.01	0.00
28.73	2.00	0.00	0.00	0.03	0.00	28.75	2.00	0.00	0.00	0.02	0.00
28.77	2.00	0.00	0.00	0.02	0.00	28.79	2.00	0.00	0.00	0.02	0.00
28.81	2.00	0.00	0.00	0.02	0.00	28.83	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
28.85	2.00	0.00	0.00	0.02	0.00	28.87	2.00	0.00	0.00	0.02	0.00
28.88	2.00	0.00	0.00	0.01	0.00	28.90	2.00	0.00	0.00	0.02	0.00
28.93	2.00	0.00	0.00	0.03	0.00	28.95	2.00	0.00	0.00	0.02	0.00
28.97	2.00	0.00	0.00	0.02	0.00	28.99	2.00	0.00	0.00	0.02	0.00
29.01	2.00	0.00	0.00	0.02	0.00	29.02	2.00	0.00	0.00	0.01	0.00
29.05	2.00	0.00	0.00	0.03	0.00	29.07	2.00	0.00	0.00	0.02	0.00
29.09	2.00	0.00	0.00	0.02	0.00	29.11	2.00	0.00	0.00	0.02	0.00
29.13	2.00	0.00	0.00	0.02	0.00	29.15	2.00	0.00	0.00	0.02	0.00
29.17	2.00	0.00	0.00	0.02	0.00	29.19	2.00	0.00	0.00	0.02	0.00
29.21	2.00	0.00	0.00	0.02	0.00	29.23	2.00	0.00	0.00	0.02	0.00
29.25	2.00	0.00	0.00	0.02	0.00	29.27	2.00	0.00	0.00	0.02	0.00
29.29	2.00	0.00	0.00	0.02	0.00	29.30	2.00	0.00	0.00	0.01	0.00
29.33	2.00	0.00	0.00	0.03	0.00	29.35	2.00	0.00	0.00	0.02	0.00
29.37	2.00	0.00	0.00	0.02	0.00	29.39	2.00	0.00	0.00	0.02	0.00
29.41	2.00	0.00	0.00	0.02	0.00	29.43	2.00	0.00	0.00	0.02	0.00
29.44	2.00	0.00	0.00	0.01	0.00	29.47	2.00	0.00	0.00	0.03	0.00
29.49	2.00	0.00	0.00	0.02	0.00	29.51	2.00	0.00	0.00	0.02	0.00
29.53	2.00	0.00	0.00	0.02	0.00	29.55	2.00	0.00	0.00	0.02	0.00
29.57	2.00	0.00	0.00	0.02	0.00	29.59	2.00	0.00	0.00	0.02	0.00
29.61	2.00	0.00	0.00	0.02	0.00	29.63	2.00	0.00	0.00	0.02	0.00
29.65	2.00	0.00	0.00	0.02	0.00	29.67	2.00	0.00	0.00	0.02	0.00
29.69	2.00	0.00	0.00	0.02	0.00	29.71	2.00	0.00	0.00	0.02	0.00
29.72	2.00	0.00	0.00	0.01	0.00	29.75	2.00	0.00	0.00	0.03	0.00
29.77	2.00	0.00	0.00	0.02	0.00	29.79	2.00	0.00	0.00	0.02	0.00
29.81	2.00	0.00	0.00	0.02	0.00	29.83	2.00	0.00	0.00	0.02	0.00
29.85	2.00	0.00	0.00	0.02	0.00	29.87	2.00	0.00	0.00	0.02	0.00
29.89	2.00	0.00	0.00	0.02	0.00	29.91	2.00	0.00	0.00	0.02	0.00
29.92	2.00	0.00	0.00	0.01	0.00	29.94	2.00	0.00	0.00	0.02	0.00
29.97	2.00	0.00	0.00	0.03	0.00	29.99	2.00	0.00	0.00	0.02	0.00
30.01	2.00	0.00	0.00	0.02	0.00	30.03	2.00	0.00	0.00	0.02	0.00
30.05	2.00	0.00	0.00	0.02	0.00	30.07	2.00	0.00	0.00	0.02	0.00
30.08	2.00	0.00	0.00	0.01	0.00	30.11	2.00	0.00	0.00	0.03	0.00
30.13	2.00	0.00	0.00	0.02	0.00	30.15	2.00	0.00	0.00	0.02	0.00
30.17	2.00	0.00	0.00	0.02	0.00	30.19	2.00	0.00	0.00	0.02	0.00
30.21	2.00	0.00	0.00	0.02	0.00	30.23	2.00	0.00	0.00	0.02	0.00
30.24	2.00	0.00	0.00	0.01	0.00	30.27	2.00	0.00	0.00	0.03	0.00
30.29	2.00	0.00	0.00	0.02	0.00	30.31	2.00	0.00	0.00	0.02	0.00
30.33	2.00	0.00	0.00	0.02	0.00	30.35	2.00	0.00	0.00	0.02	0.00
30.37	2.00	0.00	0.00	0.02	0.00	30.39	2.00	0.00	0.00	0.02	0.00
30.40	2.00	0.00	0.00	0.01	0.00	30.43	2.00	0.00	0.00	0.03	0.00
30.45	2.00	0.00	0.00	0.02	0.00	30.47	2.00	0.00	0.00	0.02	0.00
30.49	2.00	0.00	0.00	0.02	0.00	30.51	2.00	0.00	0.00	0.02	0.00
30.53	2.00	0.00	0.00	0.02	0.00	30.54	2.00	0.00	0.00	0.01	0.00
30.57	2.00	0.00	0.00	0.03	0.00	30.59	2.00	0.00	0.00	0.02	0.00
30.61	2.00	0.00	0.00	0.02	0.00	30.63	2.00	0.00	0.00	0.02	0.00
30.65	2.00	0.00	0.00	0.02	0.00	30.67	2.00	0.00	0.00	0.02	0.00
30.68	2.00	0.00	0.00	0.01	0.00	30.71	2.00	0.00	0.00	0.03	0.00
30.73	2.00	0.00	0.00	0.02	0.00	30.75	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
30.77	2.00	0.00	0.00	0.02	0.00	30.79	2.00	0.00	0.00	0.02	0.00
30.81	2.00	0.00	0.00	0.02	0.00	30.82	2.00	0.00	0.00	0.01	0.00
30.85	2.00	0.00	0.00	0.03	0.00	30.87	2.00	0.00	0.00	0.02	0.00
30.89	2.00	0.00	0.00	0.02	0.00	30.91	2.00	0.00	0.00	0.02	0.00
30.93	2.00	0.00	0.00	0.02	0.00	30.94	2.00	0.00	0.00	0.01	0.00
30.97	2.00	0.00	0.00	0.03	0.00	30.99	2.00	0.00	0.00	0.02	0.00
31.00	2.00	0.00	0.00	0.01	0.00	31.03	2.00	0.00	0.00	0.03	0.00
31.05	2.00	0.00	0.00	0.02	0.00	31.07	2.00	0.00	0.00	0.02	0.00
31.09	2.00	0.00	0.00	0.02	0.00	31.11	2.00	0.00	0.00	0.02	0.00
31.13	2.00	0.00	0.00	0.02	0.00	31.14	2.00	0.00	0.00	0.01	0.00
31.16	2.00	0.00	0.00	0.02	0.00	31.19	2.00	0.00	0.00	0.03	0.00
31.21	2.00	0.00	0.00	0.02	0.00	31.23	2.00	0.00	0.00	0.02	0.00
31.25	2.00	0.00	0.00	0.02	0.00	31.27	2.00	0.00	0.00	0.02	0.00
31.28	2.00	0.00	0.00	0.01	0.00	31.31	2.00	0.00	0.00	0.03	0.00
31.33	2.00	0.00	0.00	0.02	0.00	31.35	2.00	0.00	0.00	0.02	0.00
31.37	2.00	0.00	0.00	0.02	0.00	31.39	2.00	0.00	0.00	0.02	0.00
31.41	2.00	0.00	0.00	0.02	0.00	31.43	2.00	0.00	0.00	0.02	0.00
31.45	2.00	0.00	0.00	0.02	0.00	31.47	2.00	0.00	0.00	0.02	0.00
31.49	2.00	0.00	0.00	0.02	0.00	31.51	2.00	0.00	0.00	0.02	0.00
31.53	2.00	0.00	0.00	0.02	0.00	31.54	2.00	0.00	0.00	0.01	0.00
31.57	2.00	0.00	0.00	0.03	0.00	31.59	2.00	0.00	0.00	0.02	0.00
31.61	0.64	0.00	0.00	0.02	0.00	31.63	0.66	0.00	0.00	0.02	0.00
31.65	0.68	0.00	0.00	0.02	0.00	31.67	0.69	0.00	0.00	0.02	0.00
31.68	0.70	0.00	0.00	0.01	0.00						

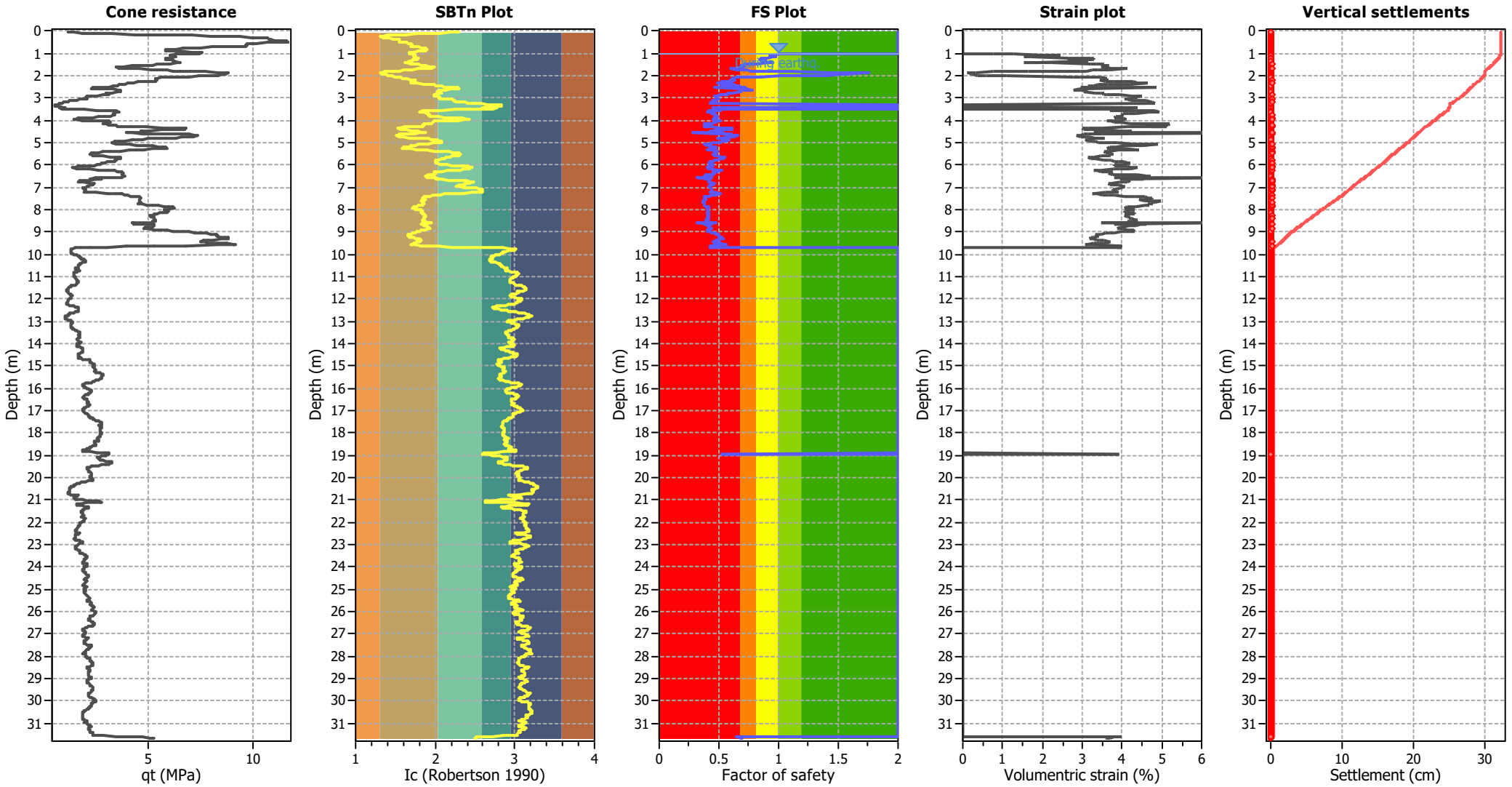
Overall liquefaction potential: 28.87

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	119.79	2.00	0.00	1.00	0.00	1.03	112.58	1.13	0.78	1.00	0.02
1.05	105.20	1.01	1.29	1.00	0.03	1.07	100.67	0.94	2.01	1.00	0.04
1.09	99.66	0.92	2.44	1.00	0.05	1.11	102.18	0.94	1.95	1.00	0.04
1.13	105.36	0.97	1.54	1.00	0.03	1.15	105.70	0.97	1.57	1.00	0.03
1.16	104.86	0.95	1.73	1.00	0.02	1.19	101.71	0.90	2.65	1.00	0.08
1.21	99.36	0.87	3.23	1.00	0.06	1.23	97.54	0.85	3.30	1.00	0.07
1.25	97.25	0.84	3.31	1.00	0.07	1.27	98.65	0.85	3.26	1.00	0.07
1.29	103.52	0.89	2.81	1.00	0.06	1.30	104.19	0.89	2.64	1.00	0.03
1.32	103.52	0.88	3.07	1.00	0.06	1.35	102.18	0.86	3.14	1.00	0.09
1.37	103.85	0.87	3.09	1.00	0.06	1.39	109.06	0.92	1.88	1.00	0.04
1.41	111.74	0.95	1.54	1.00	0.03	1.43	108.05	0.90	2.23	1.00	0.04
1.45	100.33	0.81	3.20	1.00	0.06	1.46	95.97	0.77	3.35	1.00	0.03
1.49	90.38	0.72	3.56	1.00	0.11	1.51	90.81	0.72	3.54	1.00	0.07
1.53	91.50	0.72	3.51	1.00	0.07	1.55	87.78	0.69	3.66	1.00	0.07
1.57	87.97	0.68	3.65	1.00	0.07	1.59	92.05	0.71	3.49	1.00	0.07
1.61	91.72	0.70	3.51	1.00	0.07	1.62	91.13	0.70	3.53	1.00	0.04
1.65	86.34	0.66	3.72	1.00	0.11	1.67	77.70	0.60	4.12	1.00	0.08
1.69	78.16	0.60	4.10	1.00	0.08	1.71	86.57	0.65	3.71	1.00	0.07
1.73	94.12	0.70	3.42	1.00	0.07	1.75	98.82	0.74	3.25	1.00	0.07
1.77	103.18	0.77	3.11	1.00	0.06	1.78	107.55	0.81	2.98	1.00	0.03
1.81	116.60	0.92	1.65	1.00	0.05	1.83	128.01	1.11	0.78	1.00	0.02
1.85	140.43	1.43	0.33	1.00	0.01	1.87	148.65	1.75	0.11	1.00	0.00
1.89	147.81	1.71	0.14	1.00	0.00	1.91	144.46	1.56	0.23	1.00	0.00
1.93	144.29	1.55	0.24	1.00	0.00	1.95	143.62	1.52	0.26	1.00	0.01
1.97	140.60	1.41	0.35	1.00	0.01	1.99	134.22	1.22	0.58	1.00	0.01
2.01	124.66	1.01	1.08	1.00	0.02	2.03	113.42	0.84	2.79	1.00	0.06
2.04	108.55	0.78	2.95	1.00	0.03	2.07	101.17	0.71	3.18	1.00	0.10
2.09	92.61	0.64	3.47	1.00	0.07	2.11	88.59	0.61	3.63	1.00	0.07
2.13	89.26	0.61	3.60	1.00	0.07	2.15	91.44	0.63	3.52	1.00	0.07
2.17	89.76	0.61	3.58	1.00	0.07	2.18	88.25	0.60	3.64	1.00	0.04
2.21	93.12	0.63	3.45	1.00	0.10	2.23	89.59	0.61	3.59	1.00	0.07
2.25	84.56	0.57	3.80	1.00	0.08	2.27	79.69	0.55	4.02	1.00	0.08
2.29	74.83	0.52	4.27	1.00	0.09	2.30	72.98	0.51	4.37	1.00	0.04
2.33	69.96	0.50	4.55	1.00	0.14	2.35	68.22	0.49	4.66	1.00	0.09
2.37	76.21	0.52	4.20	1.00	0.08	2.39	87.55	0.58	3.67	1.00	0.07
2.41	94.92	0.63	3.39	1.00	0.07	2.43	98.03	0.65	3.28	1.00	0.07
2.44	101.52	0.67	3.16	1.00	0.03	2.47	100.97	0.67	3.18	1.00	0.10
2.49	99.99	0.66	3.21	1.00	0.06	2.51	100.97	0.66	3.18	1.00	0.06
2.53	107.83	0.72	2.97	1.00	0.06	2.54	65.15	0.46	4.86	1.00	0.05
2.57	106.27	0.70	3.02	1.00	0.09	2.58	102.98	0.67	3.12	1.00	0.03
2.61	109.42	0.73	2.93	1.00	0.09	2.63	114.81	0.79	2.78	1.00	0.06
2.65	108.41	0.72	2.96	1.00	0.06	2.67	102.96	0.67	3.12	1.00	0.06
2.69	103.32	0.67	3.11	1.00	0.06	2.70	104.88	0.68	3.06	1.00	0.03
2.73	105.14	0.68	3.05	1.00	0.09	2.75	96.82	0.61	3.32	1.00	0.07
2.77	92.16	0.58	3.49	1.00	0.07	2.79	90.89	0.57	3.54	1.00	0.07
2.81	91.23	0.57	3.52	1.00	0.07	2.82	90.39	0.57	3.56	1.00	0.04
2.85	88.46	0.56	3.63	1.00	0.11	2.87	81.44	0.52	3.94	1.00	0.08
2.89	75.25	0.49	4.25	1.00	0.09	2.91	70.84	0.47	4.50	1.00	0.09

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.93	71.92	0.47	4.44	1.00	0.09	2.95	72.73	0.47	4.39	1.00	0.09
2.97	74.62	0.48	4.28	1.00	0.09	2.99	74.74	0.48	4.28	1.00	0.09
3.01	76.07	0.48	4.21	1.00	0.08	3.03	75.84	0.48	4.22	1.00	0.08
3.04	78.96	0.50	4.06	1.00	0.04	3.07	77.50	0.49	4.13	1.00	0.12
3.09	76.20	0.48	4.20	1.00	0.08	3.11	72.63	0.46	4.39	1.00	0.09
3.13	69.08	0.45	4.60	1.00	0.09	3.15	67.25	0.44	4.72	1.00	0.09
3.16	67.83	0.44	4.68	1.00	0.05	3.19	66.78	0.43	4.75	1.00	0.14
3.21	65.80	0.43	4.82	1.00	0.10	3.23	66.53	0.43	4.77	1.00	0.10
3.25	66.94	0.43	4.74	1.00	0.09	3.26	67.15	0.43	4.73	1.00	0.05
3.29	10.74	2.00	0.00	1.00	0.00	3.31	9.56	2.00	0.00	1.00	0.00
3.33	8.89	2.00	0.00	1.00	0.00	3.35	9.23	2.00	0.00	1.00	0.00
3.36	9.56	2.00	0.00	1.00	0.00	3.39	11.07	2.00	0.00	1.00	0.00
3.41	72.41	0.45	4.41	1.00	0.09	3.43	75.04	0.46	4.26	1.00	0.09
3.45	14.60	2.00	0.00	1.00	0.00	3.46	12.08	2.00	0.00	1.00	0.00
3.49	11.24	2.00	0.00	1.00	0.00	3.51	74.44	0.45	4.29	1.00	0.09
3.53	85.14	0.50	3.77	1.00	0.08	3.55	86.84	0.51	3.70	1.00	0.07
3.57	73.04	0.44	4.37	1.00	0.09	3.59	65.43	0.41	4.84	1.00	0.10
3.61	64.07	0.41	4.93	1.00	0.10	3.63	64.82	0.41	4.88	1.00	0.10
3.65	68.12	0.42	4.66	1.00	0.09	3.67	73.14	0.44	4.37	1.00	0.09
3.69	76.74	0.46	4.17	1.00	0.08	3.71	79.59	0.47	4.03	1.00	0.08
3.73	80.47	0.47	3.99	1.00	0.08	3.74	80.77	0.47	3.97	1.00	0.04
3.77	80.02	0.47	4.01	1.00	0.12	3.79	79.49	0.47	4.03	1.00	0.08
3.81	80.91	0.47	3.97	1.00	0.08	3.83	79.63	0.46	4.03	1.00	0.08
3.84	83.86	0.48	3.83	1.00	0.04	3.87	84.33	0.49	3.81	1.00	0.11
3.89	82.31	0.48	3.90	1.00	0.08	3.91	80.05	0.46	4.01	1.00	0.08
3.93	78.02	0.45	4.11	1.00	0.08	3.94	78.49	0.46	4.08	1.00	0.04
3.97	79.53	0.46	4.03	1.00	0.12	3.99	80.47	0.46	3.99	1.00	0.08
4.01	84.21	0.48	3.81	1.00	0.08	4.03	89.19	0.51	3.61	1.00	0.07
4.05	86.20	0.49	3.73	1.00	0.07	4.07	84.09	0.48	3.82	1.00	0.08
4.09	81.84	0.47	3.92	1.00	0.08	4.11	80.29	0.46	3.99	1.00	0.08
4.13	75.74	0.44	4.22	1.00	0.08	4.15	69.15	0.41	4.60	1.00	0.09
4.16	60.57	0.38	5.19	1.00	0.05	4.19	60.77	0.38	5.17	1.00	0.16
4.21	65.46	0.40	4.84	1.00	0.10	4.23	69.42	0.41	4.58	1.00	0.09
4.25	66.97	0.40	4.74	1.00	0.09	4.26	61.62	0.38	5.11	1.00	0.05
4.29	67.78	0.40	4.69	1.00	0.14	4.31	77.82	0.44	4.12	1.00	0.08
4.33	91.49	0.51	3.51	1.00	0.07	4.35	102.55	0.58	3.13	1.00	0.06
4.37	106.76	0.61	3.00	1.00	0.06	4.39	106.09	0.61	3.02	1.00	0.06
4.41	99.29	0.56	3.24	1.00	0.06	4.43	88.68	0.49	3.63	1.00	0.07
4.45	81.10	0.45	3.96	1.00	0.08	4.47	76.32	0.43	4.19	1.00	0.08
4.48	75.56	0.43	4.23	1.00	0.04	4.51	78.60	0.44	4.08	1.00	0.12
4.53	81.74	0.46	3.93	1.00	0.08	4.55	97.22	0.54	3.31	1.00	0.07
4.56	30.17	0.28	9.17	1.00	0.09	4.59	91.61	0.50	3.51	1.00	0.11
4.61	101.90	0.57	3.15	1.00	0.06	4.62	105.30	0.60	3.05	1.00	0.03
4.65	108.40	0.62	2.96	1.00	0.09	4.67	111.28	0.65	2.88	1.00	0.06
4.69	112.02	0.65	2.86	1.00	0.06	4.71	108.21	0.62	2.96	1.00	0.06
4.73	103.24	0.58	3.11	1.00	0.06	4.75	101.34	0.56	3.17	1.00	0.06
4.77	96.52	0.53	3.33	1.00	0.07	4.79	90.15	0.49	3.57	1.00	0.07
4.81	90.47	0.49	3.55	1.00	0.07	4.83	97.92	0.54	3.28	1.00	0.07

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	102.63	0.57	3.13	1.00	0.03	4.87	103.70	0.58	3.10	1.00	0.09
4.89	103.85	0.58	3.09	1.00	0.06	4.91	101.36	0.56	3.17	1.00	0.06
4.93	98.30	0.54	3.27	1.00	0.07	4.95	96.39	0.53	3.34	1.00	0.07
4.97	94.02	0.51	3.42	1.00	0.07	4.99	90.47	0.49	3.55	1.00	0.07
5.01	86.49	0.47	3.72	1.00	0.07	5.03	82.55	0.45	3.89	1.00	0.08
5.04	74.61	0.42	4.29	1.00	0.04	5.07	68.65	0.39	4.63	1.00	0.14
5.09	64.66	0.38	4.89	1.00	0.10	5.11	69.96	0.40	4.55	1.00	0.09
5.13	74.94	0.42	4.27	1.00	0.09	5.14	77.95	0.43	4.11	1.00	0.04
5.17	83.94	0.46	3.83	1.00	0.11	5.19	86.03	0.46	3.74	1.00	0.07
5.21	87.21	0.47	3.69	1.00	0.07	5.23	88.77	0.48	3.62	1.00	0.07
5.26	86.43	0.47	3.72	1.00	0.11	5.27	84.44	0.46	3.80	1.00	0.04
5.29	79.13	0.43	4.05	1.00	0.08	5.31	73.00	0.41	4.37	1.00	0.09
5.33	72.12	0.40	4.42	1.00	0.09	5.34	81.84	0.44	3.92	1.00	0.04
5.37	88.00	0.47	3.65	1.00	0.11	5.39	90.10	0.48	3.57	1.00	0.07
5.41	90.70	0.49	3.55	1.00	0.07	5.44	89.79	0.48	3.58	1.00	0.11
5.44	89.39	0.48	3.60	1.00	0.00	5.47	86.92	0.47	3.70	1.00	0.11
5.49	85.67	0.46	3.75	1.00	0.08	5.51	85.02	0.46	3.78	1.00	0.08
5.53	86.07	0.46	3.73	1.00	0.07	5.55	86.96	0.46	3.70	1.00	0.07
5.57	87.04	0.46	3.69	1.00	0.07	5.59	87.11	0.47	3.69	1.00	0.07
5.61	92.14	0.49	3.49	1.00	0.07	5.63	98.06	0.53	3.28	1.00	0.07
5.65	99.78	0.54	3.22	1.00	0.06	5.67	102.13	0.55	3.14	1.00	0.06
5.68	101.79	0.55	3.16	1.00	0.03	5.71	99.74	0.54	3.22	1.00	0.10
5.73	96.12	0.51	3.34	1.00	0.07	5.75	90.74	0.48	3.54	1.00	0.07
5.77	87.95	0.47	3.66	1.00	0.07	5.78	86.91	0.46	3.70	1.00	0.04
5.81	86.38	0.46	3.72	1.00	0.11	5.83	84.80	0.45	3.79	1.00	0.08
5.85	81.72	0.44	3.93	1.00	0.08	5.87	78.76	0.42	4.07	1.00	0.08
5.88	77.80	0.42	4.12	1.00	0.04	5.91	76.10	0.41	4.21	1.00	0.13
5.93	77.11	0.42	4.15	1.00	0.08	5.95	79.63	0.43	4.03	1.00	0.08
5.97	80.91	0.43	3.97	1.00	0.08	5.98	84.32	0.45	3.81	1.00	0.04
6.01	84.18	0.45	3.82	1.00	0.11	6.03	83.32	0.44	3.85	1.00	0.08
6.05	80.50	0.43	3.99	1.00	0.08	6.07	77.51	0.42	4.13	1.00	0.08
6.08	76.05	0.41	4.21	1.00	0.04	6.11	74.23	0.40	4.31	1.00	0.13
6.13	72.56	0.40	4.40	1.00	0.09	6.15	75.79	0.41	4.22	1.00	0.08
6.17	80.90	0.43	3.97	1.00	0.08	6.18	84.04	0.44	3.82	1.00	0.04
6.21	92.40	0.49	3.48	1.00	0.10	6.23	97.51	0.52	3.30	1.00	0.07
6.25	98.00	0.52	3.28	1.00	0.07	6.27	95.71	0.50	3.36	1.00	0.07
6.29	92.23	0.49	3.49	1.00	0.07	6.31	87.50	0.46	3.67	1.00	0.07
6.33	85.64	0.45	3.75	1.00	0.08	6.35	86.67	0.46	3.71	1.00	0.07
6.37	87.71	0.46	3.67	1.00	0.07	6.39	88.03	0.46	3.65	1.00	0.07
6.41	85.43	0.45	3.76	1.00	0.08	6.43	78.62	0.42	4.08	1.00	0.08
6.45	72.51	0.40	4.40	1.00	0.09	6.47	68.57	0.38	4.64	1.00	0.09
6.49	68.49	0.38	4.64	1.00	0.09	6.51	67.19	0.38	4.72	1.00	0.09
6.53	67.87	0.38	4.68	1.00	0.09	6.55	69.93	0.39	4.55	1.00	0.09
6.57	84.03	0.44	3.82	1.00	0.08	6.58	45.57	0.31	6.63	1.00	0.07
6.61	80.91	0.43	3.97	1.00	0.12	6.63	70.45	0.39	4.52	1.00	0.09
6.64	76.32	0.41	4.19	1.00	0.04	6.67	76.99	0.41	4.16	1.00	0.12
6.69	77.00	0.41	4.16	1.00	0.08	6.71	76.31	0.41	4.19	1.00	0.08
6.73	77.36	0.41	4.14	1.00	0.08	6.74	79.04	0.42	4.06	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.77	79.23	0.42	4.05	1.00	0.12	6.79	81.44	0.43	3.94	1.00	0.08
6.81	85.73	0.45	3.75	1.00	0.07	6.83	88.26	0.46	3.64	1.00	0.07
6.84	87.65	0.46	3.67	1.00	0.04	6.87	87.05	0.45	3.69	1.00	0.11
6.89	84.91	0.44	3.78	1.00	0.08	6.91	82.28	0.43	3.90	1.00	0.08
6.93	79.87	0.42	4.02	1.00	0.08	6.94	78.76	0.42	4.07	1.00	0.04
6.97	79.30	0.42	4.04	1.00	0.12	6.99	80.40	0.42	3.99	1.00	0.08
7.01	80.52	0.42	3.98	1.00	0.08	7.03	81.55	0.43	3.94	1.00	0.08
7.06	82.99	0.44	3.87	1.00	0.12	7.07	83.91	0.44	3.83	1.00	0.04
7.09	84.76	0.44	3.79	1.00	0.08	7.11	84.94	0.44	3.78	1.00	0.08
7.13	84.85	0.44	3.79	1.00	0.08	7.14	84.40	0.44	3.81	1.00	0.04
7.17	84.75	0.44	3.79	1.00	0.11	7.19	82.73	0.43	3.88	1.00	0.08
7.21	82.24	0.43	3.90	1.00	0.08	7.23	89.23	0.46	3.60	1.00	0.07
7.25	97.99	0.51	3.28	1.00	0.07	7.27	98.78	0.52	3.25	1.00	0.07
7.29	98.62	0.52	3.26	1.00	0.07	7.31	95.82	0.50	3.36	1.00	0.07
7.33	91.88	0.48	3.50	1.00	0.07	7.34	87.83	0.46	3.66	1.00	0.04
7.37	84.08	0.44	3.82	1.00	0.11	7.39	78.65	0.42	4.08	1.00	0.08
7.41	74.31	0.40	4.30	1.00	0.09	7.43	73.21	0.40	4.36	1.00	0.09
7.44	69.68	0.38	4.57	1.00	0.05	7.47	68.37	0.38	4.65	1.00	0.14
7.49	66.84	0.37	4.75	1.00	0.09	7.51	66.91	0.37	4.74	1.00	0.09
7.53	67.48	0.38	4.71	1.00	0.09	7.55	69.92	0.38	4.55	1.00	0.09
7.57	72.01	0.39	4.43	1.00	0.09	7.59	69.66	0.38	4.57	1.00	0.09
7.61	65.98	0.37	4.80	1.00	0.10	7.63	63.66	0.36	4.96	1.00	0.10
7.65	65.57	0.37	4.83	1.00	0.10	7.66	66.06	0.37	4.80	1.00	0.05
7.69	66.89	0.37	4.74	1.00	0.14	7.71	66.79	0.37	4.75	1.00	0.10
7.73	66.58	0.37	4.76	1.00	0.10	7.75	67.61	0.38	4.70	1.00	0.09
7.76	68.24	0.38	4.66	1.00	0.05	7.79	68.65	0.38	4.63	1.00	0.14
7.81	68.02	0.38	4.67	1.00	0.09	7.83	69.81	0.38	4.56	1.00	0.09
7.85	73.37	0.40	4.35	1.00	0.09	7.86	74.72	0.40	4.28	1.00	0.04
7.89	77.49	0.41	4.13	1.00	0.12	7.91	78.68	0.42	4.07	1.00	0.08
7.93	77.43	0.41	4.14	1.00	0.08	7.95	75.73	0.40	4.22	1.00	0.08
7.97	75.19	0.40	4.25	1.00	0.09	7.99	74.31	0.40	4.30	1.00	0.09
8.01	74.87	0.40	4.27	1.00	0.09	8.03	76.16	0.41	4.20	1.00	0.08
8.05	78.21	0.41	4.10	1.00	0.08	8.07	78.98	0.42	4.06	1.00	0.08
8.09	78.68	0.42	4.07	1.00	0.08	8.11	78.97	0.42	4.06	1.00	0.08
8.13	75.65	0.40	4.23	1.00	0.08	8.15	74.04	0.40	4.32	1.00	0.09
8.17	74.30	0.40	4.30	1.00	0.09	8.19	75.69	0.40	4.23	1.00	0.08
8.21	77.21	0.41	4.15	1.00	0.08	8.23	78.56	0.42	4.08	1.00	0.08
8.26	79.18	0.42	4.05	1.00	0.12	8.27	79.17	0.42	4.05	1.00	0.04
8.29	78.67	0.42	4.07	1.00	0.08	8.31	77.35	0.41	4.14	1.00	0.08
8.33	77.57	0.41	4.13	1.00	0.08	8.34	75.91	0.41	4.22	1.00	0.04
8.37	76.74	0.41	4.17	1.00	0.13	8.39	75.37	0.40	4.24	1.00	0.08
8.41	75.57	0.40	4.23	1.00	0.08	8.43	73.98	0.40	4.32	1.00	0.09
8.45	74.03	0.40	4.32	1.00	0.09	8.47	72.84	0.39	4.38	1.00	0.09
8.49	73.73	0.40	4.33	1.00	0.09	8.51	74.23	0.40	4.31	1.00	0.09
8.53	76.20	0.41	4.20	1.00	0.08	8.55	77.18	0.41	4.15	1.00	0.08
8.57	77.01	0.41	4.16	1.00	0.08	8.59	92.07	0.48	3.49	1.00	0.07
8.60	49.15	0.32	6.23	1.00	0.06	8.63	84.26	0.44	3.81	1.00	0.11
8.65	69.24	0.38	4.60	1.00	0.09	8.67	71.67	0.39	4.45	1.00	0.09

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.69	73.23	0.40	4.36	1.00	0.09	8.71	77.05	0.41	4.16	1.00	0.08
8.73	76.93	0.41	4.16	1.00	0.08	8.75	79.44	0.42	4.04	1.00	0.08
8.77	78.77	0.42	4.07	1.00	0.08	8.79	81.16	0.43	3.95	1.00	0.08
8.81	81.35	0.43	3.94	1.00	0.08	8.84	82.58	0.43	3.89	1.00	0.12
8.85	82.39	0.43	3.90	1.00	0.04	8.87	79.91	0.42	4.01	1.00	0.08
8.89	77.79	0.41	4.12	1.00	0.08	8.91	74.74	0.40	4.28	1.00	0.09
8.93	74.78	0.40	4.28	1.00	0.09	8.95	73.70	0.40	4.33	1.00	0.09
8.97	76.17	0.41	4.20	1.00	0.08	8.99	78.18	0.42	4.10	1.00	0.08
9.01	80.65	0.43	3.98	1.00	0.08	9.03	84.50	0.44	3.80	1.00	0.08
9.05	87.16	0.46	3.69	1.00	0.07	9.07	90.12	0.47	3.57	1.00	0.07
9.09	92.21	0.48	3.49	1.00	0.07	9.11	94.29	0.49	3.41	1.00	0.07
9.13	96.06	0.50	3.35	1.00	0.07	9.15	95.32	0.50	3.37	1.00	0.07
9.17	94.77	0.49	3.39	1.00	0.07	9.19	94.78	0.49	3.39	1.00	0.07
9.21	95.25	0.50	3.38	1.00	0.07	9.23	97.51	0.51	3.30	1.00	0.07
9.25	98.49	0.52	3.26	1.00	0.07	9.27	100.20	0.53	3.21	1.00	0.06
9.29	100.96	0.53	3.18	1.00	0.06	9.31	99.96	0.53	3.21	1.00	0.06
9.33	97.14	0.51	3.31	1.00	0.07	9.35	95.88	0.50	3.35	1.00	0.07
9.37	93.71	0.49	3.43	1.00	0.07	9.39	90.75	0.47	3.54	1.00	0.07
9.41	87.79	0.46	3.66	1.00	0.07	9.42	86.75	0.46	3.70	1.00	0.04
9.45	86.72	0.46	3.71	1.00	0.11	9.47	89.21	0.47	3.60	1.00	0.07
9.49	90.62	0.47	3.55	1.00	0.07	9.51	93.74	0.49	3.43	1.00	0.07
9.52	97.55	0.51	3.30	1.00	0.03	9.55	103.24	0.55	3.11	1.00	0.09
9.57	104.96	0.56	3.06	1.00	0.06	9.59	98.48	0.52	3.26	1.00	0.07
9.61	80.43	0.43	3.99	1.00	0.08	9.64	80.11	0.43	4.00	1.00	0.12
9.65	86.55	0.46	3.71	1.00	0.04	9.67	82.98	0.44	3.87	1.00	0.08
9.69	80.33	0.43	3.99	1.00	0.08	9.71	18.43	2.00	0.00	1.00	0.00
9.72	17.17	2.00	0.00	1.00	0.00	9.75	14.78	2.00	0.00	1.00	0.00
9.77	14.09	2.00	0.00	1.00	0.00	9.79	14.19	2.00	0.00	1.00	0.00
9.81	14.62	2.00	0.00	1.00	0.00	9.82	14.73	2.00	0.00	1.00	0.00
9.85	14.93	2.00	0.00	1.00	0.00	9.87	14.69	2.00	0.00	1.00	0.00
9.89	14.57	2.00	0.00	1.00	0.00	9.91	14.66	2.00	0.00	1.00	0.00
9.93	14.54	2.00	0.00	1.00	0.00	9.95	14.97	2.00	0.00	1.00	0.00
9.97	15.62	2.00	0.00	1.00	0.00	9.99	15.94	2.00	0.00	1.00	0.00
10.00	16.15	2.00	0.00	1.00	0.00	10.03	16.46	2.00	0.00	1.00	0.00
10.05	17.33	2.00	0.00	1.00	0.00	10.07	17.87	2.00	0.00	1.00	0.00
10.09	18.73	2.00	0.00	1.00	0.00	10.10	19.05	2.00	0.00	1.00	0.00
10.13	19.35	2.00	0.00	1.00	0.00	10.15	19.33	2.00	0.00	1.00	0.00
10.17	19.42	2.00	0.00	1.00	0.00	10.20	20.04	2.00	0.00	1.00	0.00
10.21	20.47	2.00	0.00	1.00	0.00	10.23	21.11	2.00	0.00	1.00	0.00
10.25	21.19	2.00	0.00	1.00	0.00	10.27	21.72	2.00	0.00	1.00	0.00
10.29	21.91	2.00	0.00	1.00	0.00	10.31	21.78	2.00	0.00	1.00	0.00
10.33	22.19	2.00	0.00	1.00	0.00	10.35	21.40	2.00	0.00	1.00	0.00
10.37	19.86	2.00	0.00	1.00	0.00	10.39	19.52	2.00	0.00	1.00	0.00
10.41	19.50	2.00	0.00	1.00	0.00	10.43	18.83	2.00	0.00	1.00	0.00
10.45	18.70	2.00	0.00	1.00	0.00	10.47	18.46	2.00	0.00	1.00	0.00
10.49	18.33	2.00	0.00	1.00	0.00	10.51	18.32	2.00	0.00	1.00	0.00
10.53	17.87	2.00	0.00	1.00	0.00	10.55	17.95	2.00	0.00	1.00	0.00
10.57	17.72	2.00	0.00	1.00	0.00	10.59	17.59	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.61	17.47	2.00	0.00	1.00	0.00	10.62	13.16	2.00	0.00	1.00	0.00
10.65	18.18	2.00	0.00	1.00	0.00	10.67	18.27	2.00	0.00	1.00	0.00
10.69	17.82	2.00	0.00	1.00	0.00	10.71	18.13	2.00	0.00	1.00	0.00
10.73	18.32	2.00	0.00	1.00	0.00	10.75	18.09	2.00	0.00	1.00	0.00
10.77	17.43	2.00	0.00	1.00	0.00	10.79	16.88	2.00	0.00	1.00	0.00
10.81	16.01	2.00	0.00	1.00	0.00	10.83	15.78	2.00	0.00	1.00	0.00
10.85	15.23	2.00	0.00	1.00	0.00	10.86	15.54	2.00	0.00	1.00	0.00
10.89	15.20	2.00	0.00	1.00	0.00	10.91	15.29	2.00	0.00	1.00	0.00
10.93	15.17	2.00	0.00	1.00	0.00	10.95	15.04	2.00	0.00	1.00	0.00
10.97	14.92	2.00	0.00	1.00	0.00	10.99	14.91	2.00	0.00	1.00	0.00
11.01	15.31	2.00	0.00	1.00	0.00	11.03	15.62	2.00	0.00	1.00	0.00
11.06	16.12	2.00	0.00	1.00	0.00	11.07	16.01	2.00	0.00	1.00	0.00
11.09	16.30	2.00	0.00	1.00	0.00	11.11	16.39	2.00	0.00	1.00	0.00
11.13	16.59	2.00	0.00	1.00	0.00	11.14	17.00	2.00	0.00	1.00	0.00
11.17	16.87	2.00	0.00	1.00	0.00	11.19	16.85	2.00	0.00	1.00	0.00
11.21	17.15	2.00	0.00	1.00	0.00	11.23	17.44	2.00	0.00	1.00	0.00
11.25	17.32	2.00	0.00	1.00	0.00	11.27	17.20	2.00	0.00	1.00	0.00
11.29	16.45	2.00	0.00	1.00	0.00	11.31	16.33	2.00	0.00	1.00	0.00
11.32	16.33	2.00	0.00	1.00	0.00	11.35	16.30	2.00	0.00	1.00	0.00
11.37	15.97	2.00	0.00	1.00	0.00	11.39	15.02	2.00	0.00	1.00	0.00
11.41	14.18	2.00	0.00	1.00	0.00	11.42	13.97	2.00	0.00	1.00	0.00
11.45	13.32	2.00	0.00	1.00	0.00	11.47	12.90	2.00	0.00	1.00	0.00
11.49	12.26	2.00	0.00	1.00	0.00	11.51	12.25	2.00	0.00	1.00	0.00
11.53	12.24	2.00	0.00	1.00	0.00	11.55	12.02	2.00	0.00	1.00	0.00
11.57	12.11	2.00	0.00	1.00	0.00	11.59	11.38	2.00	0.00	1.00	0.00
11.60	11.17	2.00	0.00	1.00	0.00	11.63	11.46	2.00	0.00	1.00	0.00
11.65	12.07	2.00	0.00	1.00	0.00	11.67	12.47	2.00	0.00	1.00	0.00
11.69	12.15	2.00	0.00	1.00	0.00	11.71	12.03	2.00	0.00	1.00	0.00
11.73	11.92	2.00	0.00	1.00	0.00	11.75	12.12	2.00	0.00	1.00	0.00
11.77	12.62	2.00	0.00	1.00	0.00	11.78	12.92	2.00	0.00	1.00	0.00
11.81	13.31	2.00	0.00	1.00	0.00	11.83	13.50	2.00	0.00	1.00	0.00
11.85	13.49	2.00	0.00	1.00	0.00	11.87	13.58	2.00	0.00	1.00	0.00
11.88	13.57	2.00	0.00	1.00	0.00	11.91	13.35	2.00	0.00	1.00	0.00
11.93	13.03	2.00	0.00	1.00	0.00	11.95	13.02	2.00	0.00	1.00	0.00
11.97	12.50	2.00	0.00	1.00	0.00	11.99	12.49	2.00	0.00	1.00	0.00
12.01	12.28	2.00	0.00	1.00	0.00	12.03	12.07	2.00	0.00	1.00	0.00
12.05	11.75	2.00	0.00	1.00	0.00	12.06	11.54	2.00	0.00	1.00	0.00
12.09	11.63	2.00	0.00	1.00	0.00	12.11	11.52	2.00	0.00	1.00	0.00
12.13	11.61	2.00	0.00	1.00	0.00	12.15	11.30	2.00	0.00	1.00	0.00
12.17	10.89	2.00	0.00	1.00	0.00	12.19	11.08	2.00	0.00	1.00	0.00
12.21	11.07	2.00	0.00	1.00	0.00	12.23	11.26	2.00	0.00	1.00	0.00
12.25	11.55	2.00	0.00	1.00	0.00	12.27	11.54	2.00	0.00	1.00	0.00
12.29	12.34	2.00	0.00	1.00	0.00	12.31	13.23	2.00	0.00	1.00	0.00
12.33	14.32	2.00	0.00	1.00	0.00	12.34	14.81	2.00	0.00	1.00	0.00
12.37	15.39	2.00	0.00	1.00	0.00	12.39	15.88	2.00	0.00	1.00	0.00
12.41	16.37	2.00	0.00	1.00	0.00	12.43	16.15	2.00	0.00	1.00	0.00
12.45	16.04	2.00	0.00	1.00	0.00	12.47	16.03	2.00	0.00	1.00	0.00
12.49	15.91	2.00	0.00	1.00	0.00	12.51	15.90	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.54	15.88	2.00	0.00	1.00	0.00	12.55	15.87	2.00	0.00	1.00	0.00
12.57	15.56	2.00	0.00	1.00	0.00	12.59	14.95	2.00	0.00	1.00	0.00
12.61	14.05	2.00	0.00	1.00	0.00	12.62	13.74	2.00	0.00	1.00	0.00
12.64	10.77	2.00	0.00	1.00	0.00	12.67	12.43	2.00	0.00	1.00	0.00
12.69	11.83	2.00	0.00	1.00	0.00	12.71	11.33	2.00	0.00	1.00	0.00
12.73	11.02	2.00	0.00	1.00	0.00	12.75	10.42	2.00	0.00	1.00	0.00
12.77	10.31	2.00	0.00	1.00	0.00	12.79	10.21	2.00	0.00	1.00	0.00
12.82	9.80	2.00	0.00	1.00	0.00	12.83	9.70	2.00	0.00	1.00	0.00
12.85	9.89	2.00	0.00	1.00	0.00	12.87	9.88	2.00	0.00	1.00	0.00
12.89	10.36	2.00	0.00	1.00	0.00	12.90	10.65	2.00	0.00	1.00	0.00
12.93	10.74	2.00	0.00	1.00	0.00	12.95	11.70	2.00	0.00	1.00	0.00
12.97	12.38	2.00	0.00	1.00	0.00	12.99	12.66	2.00	0.00	1.00	0.00
13.01	12.75	2.00	0.00	1.00	0.00	13.03	12.93	2.00	0.00	1.00	0.00
13.05	12.73	2.00	0.00	1.00	0.00	13.07	12.72	2.00	0.00	1.00	0.00
13.09	12.71	2.00	0.00	1.00	0.00	13.11	12.60	2.00	0.00	1.00	0.00
13.13	12.20	2.00	0.00	1.00	0.00	13.15	12.29	2.00	0.00	1.00	0.00
13.17	12.37	2.00	0.00	1.00	0.00	13.18	12.08	2.00	0.00	1.00	0.00
13.21	12.26	2.00	0.00	1.00	0.00	13.23	12.44	2.00	0.00	1.00	0.00
13.25	12.43	2.00	0.00	1.00	0.00	13.27	12.32	2.00	0.00	1.00	0.00
13.28	12.51	2.00	0.00	1.00	0.00	13.31	12.79	2.00	0.00	1.00	0.00
13.33	13.06	2.00	0.00	1.00	0.00	13.35	13.34	2.00	0.00	1.00	0.00
13.37	13.33	2.00	0.00	1.00	0.00	13.39	13.80	2.00	0.00	1.00	0.00
13.41	14.27	2.00	0.00	1.00	0.00	13.43	14.55	2.00	0.00	1.00	0.00
13.45	15.11	2.00	0.00	1.00	0.00	13.47	15.67	2.00	0.00	1.00	0.00
13.49	15.85	2.00	0.00	1.00	0.00	13.51	15.93	2.00	0.00	1.00	0.00
13.53	15.82	2.00	0.00	1.00	0.00	13.55	15.81	2.00	0.00	1.00	0.00
13.56	15.81	2.00	0.00	1.00	0.00	13.59	15.69	2.00	0.00	1.00	0.00
13.61	15.49	2.00	0.00	1.00	0.00	13.63	15.57	2.00	0.00	1.00	0.00
13.65	14.99	2.00	0.00	1.00	0.00	13.67	15.93	2.00	0.00	1.00	0.00
13.69	15.63	2.00	0.00	1.00	0.00	13.71	15.71	2.00	0.00	1.00	0.00
13.73	15.51	2.00	0.00	1.00	0.00	13.74	15.31	2.00	0.00	1.00	0.00
13.77	14.91	2.00	0.00	1.00	0.00	13.79	14.52	2.00	0.00	1.00	0.00
13.81	14.32	2.00	0.00	1.00	0.00	13.83	14.40	2.00	0.00	1.00	0.00
13.84	14.68	2.00	0.00	1.00	0.00	13.87	14.95	2.00	0.00	1.00	0.00
13.89	14.93	2.00	0.00	1.00	0.00	13.91	15.21	2.00	0.00	1.00	0.00
13.93	15.85	2.00	0.00	1.00	0.00	13.95	16.03	2.00	0.00	1.00	0.00
13.97	15.73	2.00	0.00	1.00	0.00	13.99	14.97	2.00	0.00	1.00	0.00
14.01	14.30	2.00	0.00	1.00	0.00	14.04	14.28	2.00	0.00	1.00	0.00
14.05	14.46	2.00	0.00	1.00	0.00	14.07	13.98	2.00	0.00	1.00	0.00
14.09	13.97	2.00	0.00	1.00	0.00	14.11	14.33	2.00	0.00	1.00	0.00
14.12	14.89	2.00	0.00	1.00	0.00	14.15	15.43	2.00	0.00	1.00	0.00
14.17	15.98	2.00	0.00	1.00	0.00	14.19	16.53	2.00	0.00	1.00	0.00
14.21	16.42	2.00	0.00	1.00	0.00	14.22	16.51	2.00	0.00	1.00	0.00
14.25	16.86	2.00	0.00	1.00	0.00	14.27	16.76	2.00	0.00	1.00	0.00
14.29	16.65	2.00	0.00	1.00	0.00	14.31	16.73	2.00	0.00	1.00	0.00
14.33	16.53	2.00	0.00	1.00	0.00	14.35	16.61	2.00	0.00	1.00	0.00
14.37	16.60	2.00	0.00	1.00	0.00	14.39	16.03	2.00	0.00	1.00	0.00
14.42	15.83	2.00	0.00	1.00	0.00	14.43	15.64	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.45	15.07	2.00	0.00	1.00	0.00	14.47	14.87	2.00	0.00	1.00	0.00
14.49	14.40	2.00	0.00	1.00	0.00	14.50	14.30	2.00	0.00	1.00	0.00
14.53	14.19	2.00	0.00	1.00	0.00	14.55	14.27	2.00	0.00	1.00	0.00
14.57	14.26	2.00	0.00	1.00	0.00	14.59	14.89	2.00	0.00	1.00	0.00
14.60	15.07	2.00	0.00	1.00	0.00	14.63	15.70	2.00	0.00	1.00	0.00
14.65	16.24	2.00	0.00	1.00	0.00	14.66	11.92	2.00	0.00	1.00	0.00
14.69	18.14	2.00	0.00	1.00	0.00	14.71	18.30	2.00	0.00	1.00	0.00
14.73	19.03	2.00	0.00	1.00	0.00	14.75	19.29	2.00	0.00	1.00	0.00
14.77	19.46	2.00	0.00	1.00	0.00	14.78	19.08	2.00	0.00	1.00	0.00
14.81	18.97	2.00	0.00	1.00	0.00	14.83	19.05	2.00	0.00	1.00	0.00
14.85	19.12	2.00	0.00	1.00	0.00	14.87	19.66	2.00	0.00	1.00	0.00
14.88	19.92	2.00	0.00	1.00	0.00	14.91	20.17	2.00	0.00	1.00	0.00
14.93	20.89	2.00	0.00	1.00	0.00	14.95	20.96	2.00	0.00	1.00	0.00
14.97	20.40	2.00	0.00	1.00	0.00	14.98	20.49	2.00	0.00	1.00	0.00
15.01	20.55	2.00	0.00	1.00	0.00	15.03	20.54	2.00	0.00	1.00	0.00
15.05	20.61	2.00	0.00	1.00	0.00	15.07	20.60	2.00	0.00	1.00	0.00
15.09	20.58	2.00	0.00	1.00	0.00	15.11	20.75	2.00	0.00	1.00	0.00
15.13	20.82	2.00	0.00	1.00	0.00	15.15	21.44	2.00	0.00	1.00	0.00
15.17	21.52	2.00	0.00	1.00	0.00	15.19	21.32	2.00	0.00	1.00	0.00
15.21	21.03	2.00	0.00	1.00	0.00	15.23	20.47	2.00	0.00	1.00	0.00
15.25	20.82	2.00	0.00	1.00	0.00	15.27	21.16	2.00	0.00	1.00	0.00
15.29	21.51	2.00	0.00	1.00	0.00	15.31	22.30	2.00	0.00	1.00	0.00
15.33	23.37	2.00	0.00	1.00	0.00	15.35	23.89	2.00	0.00	1.00	0.00
15.37	24.32	2.00	0.00	1.00	0.00	15.39	24.39	2.00	0.00	1.00	0.00
15.41	24.56	2.00	0.00	1.00	0.00	15.43	24.18	2.00	0.00	1.00	0.00
15.45	23.62	2.00	0.00	1.00	0.00	15.47	23.69	2.00	0.00	1.00	0.00
15.49	23.31	2.00	0.00	1.00	0.00	15.51	23.65	2.00	0.00	1.00	0.00
15.53	23.90	2.00	0.00	1.00	0.00	15.55	23.61	2.00	0.00	1.00	0.00
15.57	23.50	2.00	0.00	1.00	0.00	15.59	23.31	2.00	0.00	1.00	0.00
15.61	22.48	2.00	0.00	1.00	0.00	15.63	21.84	2.00	0.00	1.00	0.00
15.65	21.47	2.00	0.00	1.00	0.00	15.67	20.03	2.00	0.00	1.00	0.00
15.69	21.09	2.00	0.00	1.00	0.00	15.71	20.63	2.00	0.00	1.00	0.00
15.73	20.17	2.00	0.00	1.00	0.00	15.75	18.82	2.00	0.00	1.00	0.00
15.76	18.37	2.00	0.00	1.00	0.00	15.79	17.73	2.00	0.00	1.00	0.00
15.81	17.18	2.00	0.00	1.00	0.00	15.83	16.82	2.00	0.00	1.00	0.00
15.85	16.54	2.00	0.00	1.00	0.00	15.88	16.61	2.00	0.00	1.00	0.00
15.89	16.78	2.00	0.00	1.00	0.00	15.91	16.50	2.00	0.00	1.00	0.00
15.93	16.84	2.00	0.00	1.00	0.00	15.95	17.36	2.00	0.00	1.00	0.00
15.96	17.44	2.00	0.00	1.00	0.00	15.99	17.86	2.00	0.00	1.00	0.00
16.01	18.02	2.00	0.00	1.00	0.00	16.03	18.71	2.00	0.00	1.00	0.00
16.05	19.05	2.00	0.00	1.00	0.00	16.06	18.95	2.00	0.00	1.00	0.00
16.09	19.28	2.00	0.00	1.00	0.00	16.11	19.88	2.00	0.00	1.00	0.00
16.13	19.60	2.00	0.00	1.00	0.00	16.15	19.59	2.00	0.00	1.00	0.00
16.16	19.76	2.00	0.00	1.00	0.00	16.19	19.30	2.00	0.00	1.00	0.00
16.21	19.11	2.00	0.00	1.00	0.00	16.23	18.40	2.00	0.00	1.00	0.00
16.25	18.47	2.00	0.00	1.00	0.00	16.26	18.38	2.00	0.00	1.00	0.00
16.29	17.75	2.00	0.00	1.00	0.00	16.31	17.30	2.00	0.00	1.00	0.00
16.33	16.77	2.00	0.00	1.00	0.00	16.35	16.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	16.40	2.00	0.00	1.00	0.00	16.39	16.12	2.00	0.00	1.00	0.00
16.41	16.29	2.00	0.00	1.00	0.00	16.43	16.36	2.00	0.00	1.00	0.00
16.45	16.78	2.00	0.00	1.00	0.00	16.46	16.95	2.00	0.00	1.00	0.00
16.49	17.80	2.00	0.00	1.00	0.00	16.51	17.78	2.00	0.00	1.00	0.00
16.53	17.68	2.00	0.00	1.00	0.00	16.55	17.93	2.00	0.00	1.00	0.00
16.57	17.83	2.00	0.00	1.00	0.00	16.59	17.91	2.00	0.00	1.00	0.00
16.61	17.89	2.00	0.00	1.00	0.00	16.63	18.31	2.00	0.00	1.00	0.00
16.65	18.21	2.00	0.00	1.00	0.00	16.67	17.94	2.00	0.00	1.00	0.00
16.68	16.56	2.00	0.00	1.00	0.00	16.71	18.69	2.00	0.00	1.00	0.00
16.73	18.76	2.00	0.00	1.00	0.00	16.75	18.75	2.00	0.00	1.00	0.00
16.77	18.82	2.00	0.00	1.00	0.00	16.79	18.38	2.00	0.00	1.00	0.00
16.81	17.51	2.00	0.00	1.00	0.00	16.83	17.41	2.00	0.00	1.00	0.00
16.85	16.97	2.00	0.00	1.00	0.00	16.87	16.70	2.00	0.00	1.00	0.00
16.89	16.35	2.00	0.00	1.00	0.00	16.91	15.91	2.00	0.00	1.00	0.00
16.93	15.90	2.00	0.00	1.00	0.00	16.95	15.89	2.00	0.00	1.00	0.00
16.96	15.80	2.00	0.00	1.00	0.00	16.99	15.61	2.00	0.00	1.00	0.00
17.01	15.51	2.00	0.00	1.00	0.00	17.03	15.93	2.00	0.00	1.00	0.00
17.05	15.83	2.00	0.00	1.00	0.00	17.06	15.83	2.00	0.00	1.00	0.00
17.09	16.40	2.00	0.00	1.00	0.00	17.11	16.65	2.00	0.00	1.00	0.00
17.13	17.06	2.00	0.00	1.00	0.00	17.15	17.22	2.00	0.00	1.00	0.00
17.16	17.55	2.00	0.00	1.00	0.00	17.19	17.45	2.00	0.00	1.00	0.00
17.21	17.60	2.00	0.00	1.00	0.00	17.23	17.85	2.00	0.00	1.00	0.00
17.25	18.00	2.00	0.00	1.00	0.00	17.26	17.91	2.00	0.00	1.00	0.00
17.29	17.98	2.00	0.00	1.00	0.00	17.31	18.30	2.00	0.00	1.00	0.00
17.33	18.80	2.00	0.00	1.00	0.00	17.35	19.20	2.00	0.00	1.00	0.00
17.37	19.78	2.00	0.00	1.00	0.00	17.39	19.77	2.00	0.00	1.00	0.00
17.41	19.92	2.00	0.00	1.00	0.00	17.43	20.41	2.00	0.00	1.00	0.00
17.45	20.82	2.00	0.00	1.00	0.00	17.47	21.40	2.00	0.00	1.00	0.00
17.49	21.72	2.00	0.00	1.00	0.00	17.51	22.30	2.00	0.00	1.00	0.00
17.53	22.70	2.00	0.00	1.00	0.00	17.55	22.69	2.00	0.00	1.00	0.00
17.57	22.50	2.00	0.00	1.00	0.00	17.58	22.66	2.00	0.00	1.00	0.00
17.61	22.47	2.00	0.00	1.00	0.00	17.63	22.29	2.00	0.00	1.00	0.00
17.65	22.53	2.00	0.00	1.00	0.00	17.67	22.59	2.00	0.00	1.00	0.00
17.68	22.59	2.00	0.00	1.00	0.00	17.71	19.54	2.00	0.00	1.00	0.00
17.73	23.22	2.00	0.00	1.00	0.00	17.75	22.61	2.00	0.00	1.00	0.00
17.77	22.18	2.00	0.00	1.00	0.00	17.78	22.18	2.00	0.00	1.00	0.00
17.81	21.82	2.00	0.00	1.00	0.00	17.83	21.81	2.00	0.00	1.00	0.00
17.85	21.96	2.00	0.00	1.00	0.00	17.87	22.03	2.00	0.00	1.00	0.00
17.88	22.10	2.00	0.00	1.00	0.00	17.91	22.00	2.00	0.00	1.00	0.00
17.93	22.15	2.00	0.00	1.00	0.00	17.95	22.05	2.00	0.00	1.00	0.00
17.97	21.87	2.00	0.00	1.00	0.00	17.99	22.44	2.00	0.00	1.00	0.00
18.00	22.51	2.00	0.00	1.00	0.00	18.03	22.41	2.00	0.00	1.00	0.00
18.05	22.06	2.00	0.00	1.00	0.00	18.07	22.05	2.00	0.00	1.00	0.00
18.09	21.70	2.00	0.00	1.00	0.00	18.10	21.78	2.00	0.00	1.00	0.00
18.13	21.59	2.00	0.00	1.00	0.00	18.15	21.49	2.00	0.00	1.00	0.00
18.17	21.23	2.00	0.00	1.00	0.00	18.19	20.97	2.00	0.00	1.00	0.00
18.21	20.54	2.00	0.00	1.00	0.00	18.23	20.53	2.00	0.00	1.00	0.00
18.25	20.02	2.00	0.00	1.00	0.00	18.27	20.01	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.29	20.57	2.00	0.00	1.00	0.00	18.32	21.21	2.00	0.00	1.00	0.00
18.32	21.13	2.00	0.00	1.00	0.00	18.35	20.78	2.00	0.00	1.00	0.00
18.37	19.94	2.00	0.00	1.00	0.00	18.39	19.27	2.00	0.00	1.00	0.00
18.41	18.93	2.00	0.00	1.00	0.00	18.44	18.91	2.00	0.00	1.00	0.00
18.45	19.15	2.00	0.00	1.00	0.00	18.47	19.47	2.00	0.00	1.00	0.00
18.49	19.54	2.00	0.00	1.00	0.00	18.51	19.61	2.00	0.00	1.00	0.00
18.53	19.59	2.00	0.00	1.00	0.00	18.55	19.42	2.00	0.00	1.00	0.00
18.57	18.84	2.00	0.00	1.00	0.00	18.59	18.18	2.00	0.00	1.00	0.00
18.61	17.44	2.00	0.00	1.00	0.00	18.63	16.94	2.00	0.00	1.00	0.00
18.64	17.18	2.00	0.00	1.00	0.00	18.67	17.65	2.00	0.00	1.00	0.00
18.69	16.99	2.00	0.00	1.00	0.00	18.71	15.77	2.00	0.00	1.00	0.00
18.73	16.32	2.00	0.00	1.00	0.00	18.75	16.07	2.00	0.00	1.00	0.00
18.77	14.86	2.00	0.00	1.00	0.00	18.79	13.65	2.00	0.00	1.00	0.00
18.80	13.56	2.00	0.00	1.00	0.00	18.83	14.43	2.00	0.00	1.00	0.00
18.85	16.33	2.00	0.00	1.00	0.00	18.87	19.29	2.00	0.00	1.00	0.00
18.89	22.51	2.00	0.00	1.00	0.00	18.91	24.11	2.00	0.00	1.00	0.00
18.93	82.38	0.53	3.90	1.00	0.08	18.95	81.83	0.53	3.92	1.00	0.08
18.96	24.16	2.00	0.00	1.00	0.00	18.99	23.58	2.00	0.00	1.00	0.00
19.01	23.25	2.00	0.00	1.00	0.00	19.03	21.95	2.00	0.00	1.00	0.00
19.05	21.79	2.00	0.00	1.00	0.00	19.06	21.46	2.00	0.00	1.00	0.00
19.08	20.65	2.00	0.00	1.00	0.00	19.11	20.07	2.00	0.00	1.00	0.00
19.13	20.38	2.00	0.00	1.00	0.00	19.15	20.69	2.00	0.00	1.00	0.00
19.17	20.75	2.00	0.00	1.00	0.00	19.19	20.90	2.00	0.00	1.00	0.00
19.21	21.29	2.00	0.00	1.00	0.00	19.22	21.76	2.00	0.00	1.00	0.00
19.25	22.06	2.00	0.00	1.00	0.00	19.27	22.61	2.00	0.00	1.00	0.00
19.29	24.38	2.00	0.00	1.00	0.00	19.31	25.57	2.00	0.00	1.00	0.00
19.33	26.05	2.00	0.00	1.00	0.00	19.35	25.55	2.00	0.00	1.00	0.00
19.36	25.22	2.00	0.00	1.00	0.00	19.39	24.63	2.00	0.00	1.00	0.00
19.41	23.17	2.00	0.00	1.00	0.00	19.43	21.95	2.00	0.00	1.00	0.00
19.45	20.66	2.00	0.00	1.00	0.00	19.47	19.29	2.00	0.00	1.00	0.00
19.49	18.40	2.00	0.00	1.00	0.00	19.50	17.84	2.00	0.00	1.00	0.00
19.53	17.27	2.00	0.00	1.00	0.00	19.55	16.46	2.00	0.00	1.00	0.00
19.57	16.53	2.00	0.00	1.00	0.00	19.59	16.21	2.00	0.00	1.00	0.00
19.61	16.35	2.00	0.00	1.00	0.00	19.63	16.18	2.00	0.00	1.00	0.00
19.64	16.10	2.00	0.00	1.00	0.00	19.67	16.32	2.00	0.00	1.00	0.00
19.69	16.86	2.00	0.00	1.00	0.00	19.71	17.01	2.00	0.00	1.00	0.00
19.73	16.84	2.00	0.00	1.00	0.00	19.75	15.11	2.00	0.00	1.00	0.00
19.77	17.92	2.00	0.00	1.00	0.00	19.79	17.99	2.00	0.00	1.00	0.00
19.81	17.75	2.00	0.00	1.00	0.00	19.83	17.42	2.00	0.00	1.00	0.00
19.84	17.41	2.00	0.00	1.00	0.00	19.87	17.56	2.00	0.00	1.00	0.00
19.89	17.78	2.00	0.00	1.00	0.00	19.91	17.77	2.00	0.00	1.00	0.00
19.93	17.68	2.00	0.00	1.00	0.00	19.95	17.20	2.00	0.00	1.00	0.00
19.96	17.04	2.00	0.00	1.00	0.00	19.99	17.02	2.00	0.00	1.00	0.00
20.01	17.25	2.00	0.00	1.00	0.00	20.03	17.39	2.00	0.00	1.00	0.00
20.05	17.93	2.00	0.00	1.00	0.00	20.07	18.07	2.00	0.00	1.00	0.00
20.08	17.91	2.00	0.00	1.00	0.00	20.11	17.90	2.00	0.00	1.00	0.00
20.13	17.57	2.00	0.00	1.00	0.00	20.15	16.47	2.00	0.00	1.00	0.00
20.17	15.38	2.00	0.00	1.00	0.00	20.19	14.36	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
20.20	14.05	2.00	0.00	1.00	0.00	20.23	13.73	2.00	0.00	1.00	0.00
20.25	13.41	2.00	0.00	1.00	0.00	20.27	12.56	2.00	0.00	1.00	0.00
20.29	12.02	2.00	0.00	1.00	0.00	20.31	11.71	2.00	0.00	1.00	0.00
20.33	11.32	2.00	0.00	1.00	0.00	20.34	11.09	2.00	0.00	1.00	0.00
20.37	10.78	2.00	0.00	1.00	0.00	20.39	10.24	2.00	0.00	1.00	0.00
20.41	10.01	2.00	0.00	1.00	0.00	20.43	9.85	2.00	0.00	1.00	0.00
20.45	9.70	2.00	0.00	1.00	0.00	20.46	9.47	2.00	0.00	1.00	0.00
20.49	9.31	2.00	0.00	1.00	0.00	20.51	9.45	2.00	0.00	1.00	0.00
20.53	9.60	2.00	0.00	1.00	0.00	20.55	9.37	2.00	0.00	1.00	0.00
20.57	9.21	2.00	0.00	1.00	0.00	20.59	9.21	2.00	0.00	1.00	0.00
20.61	8.98	2.00	0.00	1.00	0.00	20.63	8.90	2.00	0.00	1.00	0.00
20.65	9.05	2.00	0.00	1.00	0.00	20.67	8.74	2.00	0.00	1.00	0.00
20.69	8.81	2.00	0.00	1.00	0.00	20.71	9.11	2.00	0.00	1.00	0.00
20.72	9.26	2.00	0.00	1.00	0.00	20.75	9.10	2.00	0.00	1.00	0.00
20.76	6.57	2.00	0.00	1.00	0.00	20.79	10.96	2.00	0.00	1.00	0.00
20.81	10.73	2.00	0.00	1.00	0.00	20.83	10.28	2.00	0.00	1.00	0.00
20.85	9.68	2.00	0.00	1.00	0.00	20.87	9.45	2.00	0.00	1.00	0.00
20.89	9.15	2.00	0.00	1.00	0.00	20.91	9.22	2.00	0.00	1.00	0.00
20.93	9.58	2.00	0.00	1.00	0.00	20.95	9.95	2.00	0.00	1.00	0.00
20.97	10.10	2.00	0.00	1.00	0.00	20.99	10.53	2.00	0.00	1.00	0.00
21.01	12.32	2.00	0.00	1.00	0.00	21.02	13.50	2.00	0.00	1.00	0.00
21.05	15.37	2.00	0.00	1.00	0.00	21.07	17.32	2.00	0.00	1.00	0.00
21.09	20.14	2.00	0.00	1.00	0.00	21.11	20.23	2.00	0.00	1.00	0.00
21.13	16.74	2.00	0.00	1.00	0.00	21.14	15.24	2.00	0.00	1.00	0.00
21.17	11.91	2.00	0.00	1.00	0.00	21.19	10.86	2.00	0.00	1.00	0.00
21.21	10.70	2.00	0.00	1.00	0.00	21.23	11.15	2.00	0.00	1.00	0.00
21.25	12.03	2.00	0.00	1.00	0.00	21.26	12.10	2.00	0.00	1.00	0.00
21.29	12.61	2.00	0.00	1.00	0.00	21.31	13.49	2.00	0.00	1.00	0.00
21.33	13.94	2.00	0.00	1.00	0.00	21.35	13.93	2.00	0.00	1.00	0.00
21.37	13.63	2.00	0.00	1.00	0.00	21.39	13.33	2.00	0.00	1.00	0.00
21.40	13.11	2.00	0.00	1.00	0.00	21.43	12.65	2.00	0.00	1.00	0.00
21.45	12.35	2.00	0.00	1.00	0.00	21.47	12.04	2.00	0.00	1.00	0.00
21.49	11.89	2.00	0.00	1.00	0.00	21.51	11.66	2.00	0.00	1.00	0.00
21.52	11.58	2.00	0.00	1.00	0.00	21.55	11.50	2.00	0.00	1.00	0.00
21.57	11.79	2.00	0.00	1.00	0.00	21.59	11.93	2.00	0.00	1.00	0.00
21.61	12.07	2.00	0.00	1.00	0.00	21.63	12.21	2.00	0.00	1.00	0.00
21.65	12.13	2.00	0.00	1.00	0.00	21.66	12.20	2.00	0.00	1.00	0.00
21.69	12.12	2.00	0.00	1.00	0.00	21.71	12.26	2.00	0.00	1.00	0.00
21.73	12.55	2.00	0.00	1.00	0.00	21.75	12.54	2.00	0.00	1.00	0.00
21.76	9.16	2.00	0.00	1.00	0.00	21.78	12.61	2.00	0.00	1.00	0.00
21.81	12.74	2.00	0.00	1.00	0.00	21.83	12.66	2.00	0.00	1.00	0.00
21.85	12.43	2.00	0.00	1.00	0.00	21.87	12.28	2.00	0.00	1.00	0.00
21.89	12.20	2.00	0.00	1.00	0.00	21.91	12.27	2.00	0.00	1.00	0.00
21.93	12.11	2.00	0.00	1.00	0.00	21.95	11.89	2.00	0.00	1.00	0.00
21.97	11.81	2.00	0.00	1.00	0.00	21.99	11.58	2.00	0.00	1.00	0.00
22.01	11.21	2.00	0.00	1.00	0.00	22.03	11.13	2.00	0.00	1.00	0.00
22.05	10.90	2.00	0.00	1.00	0.00	22.06	10.83	2.00	0.00	1.00	0.00
22.09	10.75	2.00	0.00	1.00	0.00	22.11	10.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
22.13	10.74	2.00	0.00	1.00	0.00	22.15	10.37	2.00	0.00	1.00	0.00
22.17	10.22	2.00	0.00	1.00	0.00	22.19	10.14	2.00	0.00	1.00	0.00
22.21	10.13	2.00	0.00	1.00	0.00	22.23	9.98	2.00	0.00	1.00	0.00
22.25	10.20	2.00	0.00	1.00	0.00	22.27	9.83	2.00	0.00	1.00	0.00
22.29	9.75	2.00	0.00	1.00	0.00	22.31	9.67	2.00	0.00	1.00	0.00
22.32	9.46	2.00	0.00	1.00	0.00	22.35	9.59	2.00	0.00	1.00	0.00
22.37	9.52	2.00	0.00	1.00	0.00	22.39	9.08	2.00	0.00	1.00	0.00
22.41	9.08	2.00	0.00	1.00	0.00	22.43	9.14	2.00	0.00	1.00	0.00
22.45	9.79	2.00	0.00	1.00	0.00	22.46	10.00	2.00	0.00	1.00	0.00
22.49	10.35	2.00	0.00	1.00	0.00	22.51	10.78	2.00	0.00	1.00	0.00
22.53	10.27	2.00	0.00	1.00	0.00	22.55	9.76	2.00	0.00	1.00	0.00
22.57	9.26	2.00	0.00	1.00	0.00	22.59	8.96	2.00	0.00	1.00	0.00
22.60	8.96	2.00	0.00	1.00	0.00	22.63	9.10	2.00	0.00	1.00	0.00
22.65	9.09	2.00	0.00	1.00	0.00	22.67	9.09	2.00	0.00	1.00	0.00
22.69	9.30	2.00	0.00	1.00	0.00	22.71	9.37	2.00	0.00	1.00	0.00
22.73	9.29	2.00	0.00	1.00	0.00	22.74	9.22	2.00	0.00	1.00	0.00
22.77	8.93	2.00	0.00	1.00	0.00	22.78	7.93	2.00	0.00	1.00	0.00
22.81	10.27	2.00	0.00	1.00	0.00	22.83	10.27	2.00	0.00	1.00	0.00
22.85	10.19	2.00	0.00	1.00	0.00	22.86	10.69	2.00	0.00	1.00	0.00
22.88	11.40	2.00	0.00	1.00	0.00	22.91	11.54	2.00	0.00	1.00	0.00
22.93	11.03	2.00	0.00	1.00	0.00	22.95	10.46	2.00	0.00	1.00	0.00
22.97	10.17	2.00	0.00	1.00	0.00	22.99	10.02	2.00	0.00	1.00	0.00
23.01	9.94	2.00	0.00	1.00	0.00	23.04	9.30	2.00	0.00	1.00	0.00
23.04	9.15	2.00	0.00	1.00	0.00	23.07	9.22	2.00	0.00	1.00	0.00
23.09	9.14	2.00	0.00	1.00	0.00	23.11	8.93	2.00	0.00	1.00	0.00
23.13	8.92	2.00	0.00	1.00	0.00	23.15	8.64	2.00	0.00	1.00	0.00
23.17	8.77	2.00	0.00	1.00	0.00	23.19	8.98	2.00	0.00	1.00	0.00
23.21	8.84	2.00	0.00	1.00	0.00	23.23	9.26	2.00	0.00	1.00	0.00
23.25	9.89	2.00	0.00	1.00	0.00	23.27	10.31	2.00	0.00	1.00	0.00
23.29	10.30	2.00	0.00	1.00	0.00	23.31	10.16	2.00	0.00	1.00	0.00
23.32	9.94	2.00	0.00	1.00	0.00	23.35	9.87	2.00	0.00	1.00	0.00
23.37	10.14	2.00	0.00	1.00	0.00	23.39	10.21	2.00	0.00	1.00	0.00
23.41	10.84	2.00	0.00	1.00	0.00	23.43	11.48	2.00	0.00	1.00	0.00
23.45	11.47	2.00	0.00	1.00	0.00	23.46	11.40	2.00	0.00	1.00	0.00
23.49	11.60	2.00	0.00	1.00	0.00	23.51	12.16	2.00	0.00	1.00	0.00
23.53	12.37	2.00	0.00	1.00	0.00	23.55	12.51	2.00	0.00	1.00	0.00
23.57	12.29	2.00	0.00	1.00	0.00	23.59	12.07	2.00	0.00	1.00	0.00
23.61	11.85	2.00	0.00	1.00	0.00	23.63	11.77	2.00	0.00	1.00	0.00
23.65	11.49	2.00	0.00	1.00	0.00	23.67	11.48	2.00	0.00	1.00	0.00
23.69	11.47	2.00	0.00	1.00	0.00	23.71	11.61	2.00	0.00	1.00	0.00
23.73	11.32	2.00	0.00	1.00	0.00	23.75	11.39	2.00	0.00	1.00	0.00
23.76	11.31	2.00	0.00	1.00	0.00	23.79	11.17	2.00	0.00	1.00	0.00
23.80	9.90	2.00	0.00	1.00	0.00	23.83	11.65	2.00	0.00	1.00	0.00
23.85	11.92	2.00	0.00	1.00	0.00	23.87	12.41	2.00	0.00	1.00	0.00
23.88	12.41	2.00	0.00	1.00	0.00	23.91	12.68	2.00	0.00	1.00	0.00
23.93	12.47	2.00	0.00	1.00	0.00	23.95	12.25	2.00	0.00	1.00	0.00
23.97	11.96	2.00	0.00	1.00	0.00	23.99	11.60	2.00	0.00	1.00	0.00
24.01	11.53	2.00	0.00	1.00	0.00	24.03	11.24	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
24.04	11.38	2.00	0.00	1.00	0.00	24.07	11.23	2.00	0.00	1.00	0.00
24.09	11.30	2.00	0.00	1.00	0.00	24.11	11.08	2.00	0.00	1.00	0.00
24.13	11.07	2.00	0.00	1.00	0.00	24.15	10.65	2.00	0.00	1.00	0.00
24.17	10.65	2.00	0.00	1.00	0.00	24.18	10.64	2.00	0.00	1.00	0.00
24.21	10.92	2.00	0.00	1.00	0.00	24.23	10.98	2.00	0.00	1.00	0.00
24.25	11.11	2.00	0.00	1.00	0.00	24.27	11.39	2.00	0.00	1.00	0.00
24.29	11.59	2.00	0.00	1.00	0.00	24.31	11.66	2.00	0.00	1.00	0.00
24.32	11.79	2.00	0.00	1.00	0.00	24.35	11.79	2.00	0.00	1.00	0.00
24.37	12.27	2.00	0.00	1.00	0.00	24.39	12.47	2.00	0.00	1.00	0.00
24.41	12.54	2.00	0.00	1.00	0.00	24.43	12.60	2.00	0.00	1.00	0.00
24.45	12.53	2.00	0.00	1.00	0.00	24.47	12.38	2.00	0.00	1.00	0.00
24.48	12.17	2.00	0.00	1.00	0.00	24.51	12.16	2.00	0.00	1.00	0.00
24.53	11.74	2.00	0.00	1.00	0.00	24.55	11.31	2.00	0.00	1.00	0.00
24.57	11.17	2.00	0.00	1.00	0.00	24.59	10.96	2.00	0.00	1.00	0.00
24.61	11.23	2.00	0.00	1.00	0.00	24.62	11.57	2.00	0.00	1.00	0.00
24.65	11.63	2.00	0.00	1.00	0.00	24.67	11.35	2.00	0.00	1.00	0.00
24.69	11.14	2.00	0.00	1.00	0.00	24.71	11.20	2.00	0.00	1.00	0.00
24.73	11.20	2.00	0.00	1.00	0.00	24.75	10.99	2.00	0.00	1.00	0.00
24.76	10.78	2.00	0.00	1.00	0.00	24.79	10.84	2.00	0.00	1.00	0.00
24.81	10.97	2.00	0.00	1.00	0.00	24.82	9.53	2.00	0.00	1.00	0.00
24.85	12.27	2.00	0.00	1.00	0.00	24.87	11.50	2.00	0.00	1.00	0.00
24.89	11.43	2.00	0.00	1.00	0.00	24.90	11.36	2.00	0.00	1.00	0.00
24.93	11.29	2.00	0.00	1.00	0.00	24.95	10.87	2.00	0.00	1.00	0.00
24.97	10.45	2.00	0.00	1.00	0.00	24.99	10.38	2.00	0.00	1.00	0.00
25.01	10.65	2.00	0.00	1.00	0.00	25.03	10.92	2.00	0.00	1.00	0.00
25.05	10.91	2.00	0.00	1.00	0.00	25.06	10.84	2.00	0.00	1.00	0.00
25.09	10.70	2.00	0.00	1.00	0.00	25.11	10.35	2.00	0.00	1.00	0.00
25.13	10.21	2.00	0.00	1.00	0.00	25.15	10.07	2.00	0.00	1.00	0.00
25.17	10.41	2.00	0.00	1.00	0.00	25.19	10.68	2.00	0.00	1.00	0.00
25.20	10.74	2.00	0.00	1.00	0.00	25.23	11.01	2.00	0.00	1.00	0.00
25.25	11.00	2.00	0.00	1.00	0.00	25.27	11.00	2.00	0.00	1.00	0.00
25.29	11.13	2.00	0.00	1.00	0.00	25.31	11.26	2.00	0.00	1.00	0.00
25.33	11.59	2.00	0.00	1.00	0.00	25.34	11.66	2.00	0.00	1.00	0.00
25.37	11.99	2.00	0.00	1.00	0.00	25.39	12.40	2.00	0.00	1.00	0.00
25.41	12.33	2.00	0.00	1.00	0.00	25.43	12.46	2.00	0.00	1.00	0.00
25.45	12.39	2.00	0.00	1.00	0.00	25.47	11.70	2.00	0.00	1.00	0.00
25.49	11.42	2.00	0.00	1.00	0.00	25.50	11.28	2.00	0.00	1.00	0.00
25.53	11.07	2.00	0.00	1.00	0.00	25.55	11.34	2.00	0.00	1.00	0.00
25.57	12.22	2.00	0.00	1.00	0.00	25.59	12.83	2.00	0.00	1.00	0.00
25.61	12.96	2.00	0.00	1.00	0.00	25.63	12.95	2.00	0.00	1.00	0.00
25.64	13.09	2.00	0.00	1.00	0.00	25.67	13.08	2.00	0.00	1.00	0.00
25.69	12.80	2.00	0.00	1.00	0.00	25.71	12.45	2.00	0.00	1.00	0.00
25.73	12.93	2.00	0.00	1.00	0.00	25.75	12.78	2.00	0.00	1.00	0.00
25.77	13.25	2.00	0.00	1.00	0.00	25.79	13.86	2.00	0.00	1.00	0.00
25.80	14.07	2.00	0.00	1.00	0.00	25.83	14.13	2.00	0.00	1.00	0.00
25.84	13.03	2.00	0.00	1.00	0.00	25.87	14.52	2.00	0.00	1.00	0.00
25.89	13.90	2.00	0.00	1.00	0.00	25.91	12.67	2.00	0.00	1.00	0.00
25.92	12.66	2.00	0.00	1.00	0.00	25.95	13.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
25.97	13.26	2.00	0.00	1.00	0.00	25.99	13.73	2.00	0.00	1.00	0.00
26.01	14.20	2.00	0.00	1.00	0.00	26.03	14.54	2.00	0.00	1.00	0.00
26.05	14.53	2.00	0.00	1.00	0.00	26.07	14.52	2.00	0.00	1.00	0.00
26.08	14.38	2.00	0.00	1.00	0.00	26.11	13.76	2.00	0.00	1.00	0.00
26.13	13.89	2.00	0.00	1.00	0.00	26.15	14.02	2.00	0.00	1.00	0.00
26.17	13.20	2.00	0.00	1.00	0.00	26.19	13.06	2.00	0.00	1.00	0.00
26.21	12.65	2.00	0.00	1.00	0.00	26.23	12.50	2.00	0.00	1.00	0.00
26.25	12.36	2.00	0.00	1.00	0.00	26.27	12.29	2.00	0.00	1.00	0.00
26.29	12.29	2.00	0.00	1.00	0.00	26.31	12.28	2.00	0.00	1.00	0.00
26.33	12.07	2.00	0.00	1.00	0.00	26.35	11.87	2.00	0.00	1.00	0.00
26.37	11.86	2.00	0.00	1.00	0.00	26.38	12.06	2.00	0.00	1.00	0.00
26.41	12.39	2.00	0.00	1.00	0.00	26.43	12.65	2.00	0.00	1.00	0.00
26.45	12.98	2.00	0.00	1.00	0.00	26.47	13.38	2.00	0.00	1.00	0.00
26.49	13.37	2.00	0.00	1.00	0.00	26.51	13.84	2.00	0.00	1.00	0.00
26.53	14.03	2.00	0.00	1.00	0.00	26.54	13.96	2.00	0.00	1.00	0.00
26.57	14.16	2.00	0.00	1.00	0.00	26.59	14.08	2.00	0.00	1.00	0.00
26.61	14.01	2.00	0.00	1.00	0.00	26.63	13.60	2.00	0.00	1.00	0.00
26.65	12.99	2.00	0.00	1.00	0.00	26.67	12.51	2.00	0.00	1.00	0.00
26.68	12.38	2.00	0.00	1.00	0.00	26.71	11.90	2.00	0.00	1.00	0.00
26.73	11.43	2.00	0.00	1.00	0.00	26.75	11.23	2.00	0.00	1.00	0.00
26.77	10.76	2.00	0.00	1.00	0.00	26.79	10.62	2.00	0.00	1.00	0.00
26.81	10.35	2.00	0.00	1.00	0.00	26.82	10.42	2.00	0.00	1.00	0.00
26.84	10.28	2.00	0.00	1.00	0.00	26.86	9.49	2.00	0.00	1.00	0.00
26.88	10.60	2.00	0.00	1.00	0.00	26.91	11.06	2.00	0.00	1.00	0.00
26.93	10.99	2.00	0.00	1.00	0.00	26.95	11.05	2.00	0.00	1.00	0.00
26.97	10.91	2.00	0.00	1.00	0.00	26.99	10.51	2.00	0.00	1.00	0.00
27.01	10.37	2.00	0.00	1.00	0.00	27.03	10.37	2.00	0.00	1.00	0.00
27.05	10.10	2.00	0.00	1.00	0.00	27.06	9.97	2.00	0.00	1.00	0.00
27.09	9.70	2.00	0.00	1.00	0.00	27.11	9.70	2.00	0.00	1.00	0.00
27.13	10.15	2.00	0.00	1.00	0.00	27.15	10.61	2.00	0.00	1.00	0.00
27.17	10.99	2.00	0.00	1.00	0.00	27.19	11.45	2.00	0.00	1.00	0.00
27.21	11.58	2.00	0.00	1.00	0.00	27.23	11.51	2.00	0.00	1.00	0.00
27.24	11.44	2.00	0.00	1.00	0.00	27.27	11.43	2.00	0.00	1.00	0.00
27.29	11.29	2.00	0.00	1.00	0.00	27.31	10.90	2.00	0.00	1.00	0.00
27.33	10.89	2.00	0.00	1.00	0.00	27.35	10.76	2.00	0.00	1.00	0.00
27.37	10.75	2.00	0.00	1.00	0.00	27.39	10.68	2.00	0.00	1.00	0.00
27.40	10.74	2.00	0.00	1.00	0.00	27.43	10.67	2.00	0.00	1.00	0.00
27.45	10.86	2.00	0.00	1.00	0.00	27.47	11.12	2.00	0.00	1.00	0.00
27.49	11.38	2.00	0.00	1.00	0.00	27.51	12.09	2.00	0.00	1.00	0.00
27.53	12.61	2.00	0.00	1.00	0.00	27.55	12.61	2.00	0.00	1.00	0.00
27.57	12.73	2.00	0.00	1.00	0.00	27.58	12.60	2.00	0.00	1.00	0.00
27.61	12.59	2.00	0.00	1.00	0.00	27.63	12.32	2.00	0.00	1.00	0.00
27.65	12.32	2.00	0.00	1.00	0.00	27.67	11.79	2.00	0.00	1.00	0.00
27.69	11.65	2.00	0.00	1.00	0.00	27.71	11.45	2.00	0.00	1.00	0.00
27.73	11.38	2.00	0.00	1.00	0.00	27.75	11.12	2.00	0.00	1.00	0.00
27.77	10.85	2.00	0.00	1.00	0.00	27.78	10.85	2.00	0.00	1.00	0.00
27.81	10.78	2.00	0.00	1.00	0.00	27.83	10.77	2.00	0.00	1.00	0.00
27.85	10.19	2.00	0.00	1.00	0.00	27.87	10.18	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
27.88	9.09	2.00	0.00	1.00	0.00	27.91	10.56	2.00	0.00	1.00	0.00
27.92	10.49	2.00	0.00	1.00	0.00	27.95	10.36	2.00	0.00	1.00	0.00
27.97	10.48	2.00	0.00	1.00	0.00	27.99	10.54	2.00	0.00	1.00	0.00
28.01	10.41	2.00	0.00	1.00	0.00	28.03	10.34	2.00	0.00	1.00	0.00
28.05	10.85	2.00	0.00	1.00	0.00	28.07	11.17	2.00	0.00	1.00	0.00
28.09	11.23	2.00	0.00	1.00	0.00	28.11	11.61	2.00	0.00	1.00	0.00
28.12	11.68	2.00	0.00	1.00	0.00	28.14	11.74	2.00	0.00	1.00	0.00
28.17	11.60	2.00	0.00	1.00	0.00	28.19	11.72	2.00	0.00	1.00	0.00
28.21	11.65	2.00	0.00	1.00	0.00	28.23	11.91	2.00	0.00	1.00	0.00
28.25	12.10	2.00	0.00	1.00	0.00	28.27	12.29	2.00	0.00	1.00	0.00
28.29	12.41	2.00	0.00	1.00	0.00	28.31	12.60	2.00	0.00	1.00	0.00
28.32	12.60	2.00	0.00	1.00	0.00	28.35	12.91	2.00	0.00	1.00	0.00
28.37	12.65	2.00	0.00	1.00	0.00	28.39	12.90	2.00	0.00	1.00	0.00
28.41	12.77	2.00	0.00	1.00	0.00	28.43	12.57	2.00	0.00	1.00	0.00
28.45	12.56	2.00	0.00	1.00	0.00	28.47	11.91	2.00	0.00	1.00	0.00
28.49	11.33	2.00	0.00	1.00	0.00	28.50	11.45	2.00	0.00	1.00	0.00
28.52	10.94	2.00	0.00	1.00	0.00	28.55	10.99	2.00	0.00	1.00	0.00
28.57	11.37	2.00	0.00	1.00	0.00	28.59	11.43	2.00	0.00	1.00	0.00
28.61	11.68	2.00	0.00	1.00	0.00	28.63	11.87	2.00	0.00	1.00	0.00
28.65	11.55	2.00	0.00	1.00	0.00	28.67	11.29	2.00	0.00	1.00	0.00
28.69	11.28	2.00	0.00	1.00	0.00	28.70	11.41	2.00	0.00	1.00	0.00
28.73	11.27	2.00	0.00	1.00	0.00	28.75	11.27	2.00	0.00	1.00	0.00
28.77	11.26	2.00	0.00	1.00	0.00	28.79	11.07	2.00	0.00	1.00	0.00
28.81	11.13	2.00	0.00	1.00	0.00	28.83	11.12	2.00	0.00	1.00	0.00
28.85	11.18	2.00	0.00	1.00	0.00	28.87	11.30	2.00	0.00	1.00	0.00
28.88	11.24	2.00	0.00	1.00	0.00	28.90	10.79	2.00	0.00	1.00	0.00
28.93	11.80	2.00	0.00	1.00	0.00	28.95	12.05	2.00	0.00	1.00	0.00
28.97	11.79	2.00	0.00	1.00	0.00	28.99	11.72	2.00	0.00	1.00	0.00
29.01	11.33	2.00	0.00	1.00	0.00	29.02	11.27	2.00	0.00	1.00	0.00
29.05	10.82	2.00	0.00	1.00	0.00	29.07	10.75	2.00	0.00	1.00	0.00
29.09	10.49	2.00	0.00	1.00	0.00	29.11	10.36	2.00	0.00	1.00	0.00
29.13	10.42	2.00	0.00	1.00	0.00	29.15	10.42	2.00	0.00	1.00	0.00
29.17	10.73	2.00	0.00	1.00	0.00	29.19	10.47	2.00	0.00	1.00	0.00
29.21	10.91	2.00	0.00	1.00	0.00	29.23	10.90	2.00	0.00	1.00	0.00
29.25	11.15	2.00	0.00	1.00	0.00	29.27	11.40	2.00	0.00	1.00	0.00
29.29	11.71	2.00	0.00	1.00	0.00	29.30	11.77	2.00	0.00	1.00	0.00
29.33	12.15	2.00	0.00	1.00	0.00	29.35	12.21	2.00	0.00	1.00	0.00
29.37	12.52	2.00	0.00	1.00	0.00	29.39	12.77	2.00	0.00	1.00	0.00
29.41	12.83	2.00	0.00	1.00	0.00	29.43	12.95	2.00	0.00	1.00	0.00
29.44	12.95	2.00	0.00	1.00	0.00	29.47	12.94	2.00	0.00	1.00	0.00
29.49	12.93	2.00	0.00	1.00	0.00	29.51	12.74	2.00	0.00	1.00	0.00
29.53	12.60	2.00	0.00	1.00	0.00	29.55	12.28	2.00	0.00	1.00	0.00
29.57	12.34	2.00	0.00	1.00	0.00	29.59	12.15	2.00	0.00	1.00	0.00
29.61	12.08	2.00	0.00	1.00	0.00	29.63	11.76	2.00	0.00	1.00	0.00
29.65	11.31	2.00	0.00	1.00	0.00	29.67	10.99	2.00	0.00	1.00	0.00
29.69	11.18	2.00	0.00	1.00	0.00	29.71	11.24	2.00	0.00	1.00	0.00
29.72	11.05	2.00	0.00	1.00	0.00	29.75	11.04	2.00	0.00	1.00	0.00
29.77	10.85	2.00	0.00	1.00	0.00	29.79	11.09	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
29.81	11.21	2.00	0.00	1.00	0.00	29.83	11.33	2.00	0.00	1.00	0.00
29.85	11.45	2.00	0.00	1.00	0.00	29.87	11.95	2.00	0.00	1.00	0.00
29.89	12.45	2.00	0.00	1.00	0.00	29.91	13.01	2.00	0.00	1.00	0.00
29.92	11.56	2.00	0.00	1.00	0.00	29.94	13.13	2.00	0.00	1.00	0.00
29.97	13.31	2.00	0.00	1.00	0.00	29.99	13.43	2.00	0.00	1.00	0.00
30.01	13.24	2.00	0.00	1.00	0.00	30.03	13.23	2.00	0.00	1.00	0.00
30.05	13.16	2.00	0.00	1.00	0.00	30.07	12.91	2.00	0.00	1.00	0.00
30.08	12.53	2.00	0.00	1.00	0.00	30.11	12.08	2.00	0.00	1.00	0.00
30.13	11.95	2.00	0.00	1.00	0.00	30.15	11.95	2.00	0.00	1.00	0.00
30.17	11.75	2.00	0.00	1.00	0.00	30.19	11.62	2.00	0.00	1.00	0.00
30.21	11.74	2.00	0.00	1.00	0.00	30.23	11.55	2.00	0.00	1.00	0.00
30.24	11.55	2.00	0.00	1.00	0.00	30.27	11.29	2.00	0.00	1.00	0.00
30.29	11.10	2.00	0.00	1.00	0.00	30.31	10.97	2.00	0.00	1.00	0.00
30.33	10.85	2.00	0.00	1.00	0.00	30.35	10.78	2.00	0.00	1.00	0.00
30.37	10.78	2.00	0.00	1.00	0.00	30.39	10.59	2.00	0.00	1.00	0.00
30.40	10.40	2.00	0.00	1.00	0.00	30.43	10.21	2.00	0.00	1.00	0.00
30.45	9.90	2.00	0.00	1.00	0.00	30.47	9.71	2.00	0.00	1.00	0.00
30.49	9.58	2.00	0.00	1.00	0.00	30.51	9.34	2.00	0.00	1.00	0.00
30.53	9.15	2.00	0.00	1.00	0.00	30.54	9.21	2.00	0.00	1.00	0.00
30.57	9.08	2.00	0.00	1.00	0.00	30.59	9.08	2.00	0.00	1.00	0.00
30.61	9.20	2.00	0.00	1.00	0.00	30.63	9.44	2.00	0.00	1.00	0.00
30.65	9.31	2.00	0.00	1.00	0.00	30.67	9.19	2.00	0.00	1.00	0.00
30.68	9.25	2.00	0.00	1.00	0.00	30.71	9.12	2.00	0.00	1.00	0.00
30.73	8.93	2.00	0.00	1.00	0.00	30.75	8.93	2.00	0.00	1.00	0.00
30.77	8.99	2.00	0.00	1.00	0.00	30.79	9.05	2.00	0.00	1.00	0.00
30.81	9.16	2.00	0.00	1.00	0.00	30.82	9.28	2.00	0.00	1.00	0.00
30.85	9.52	2.00	0.00	1.00	0.00	30.87	9.70	2.00	0.00	1.00	0.00
30.89	10.18	2.00	0.00	1.00	0.00	30.91	10.42	2.00	0.00	1.00	0.00
30.93	10.42	2.00	0.00	1.00	0.00	30.94	8.36	2.00	0.00	1.00	0.00
30.97	10.23	2.00	0.00	1.00	0.00	30.99	10.10	2.00	0.00	1.00	0.00
31.00	9.98	2.00	0.00	1.00	0.00	31.03	9.98	2.00	0.00	1.00	0.00
31.05	10.15	2.00	0.00	1.00	0.00	31.07	10.58	2.00	0.00	1.00	0.00
31.09	10.88	2.00	0.00	1.00	0.00	31.11	11.00	2.00	0.00	1.00	0.00
31.13	11.11	2.00	0.00	1.00	0.00	31.14	11.11	2.00	0.00	1.00	0.00
31.16	11.11	2.00	0.00	1.00	0.00	31.19	10.55	2.00	0.00	1.00	0.00
31.21	10.79	2.00	0.00	1.00	0.00	31.23	10.42	2.00	0.00	1.00	0.00
31.25	10.42	2.00	0.00	1.00	0.00	31.27	10.54	2.00	0.00	1.00	0.00
31.28	10.41	2.00	0.00	1.00	0.00	31.31	10.53	2.00	0.00	1.00	0.00
31.33	10.77	2.00	0.00	1.00	0.00	31.35	10.64	2.00	0.00	1.00	0.00
31.37	10.70	2.00	0.00	1.00	0.00	31.39	10.82	2.00	0.00	1.00	0.00
31.41	10.88	2.00	0.00	1.00	0.00	31.43	10.93	2.00	0.00	1.00	0.00
31.45	11.41	2.00	0.00	1.00	0.00	31.47	11.53	2.00	0.00	1.00	0.00
31.49	11.47	2.00	0.00	1.00	0.00	31.51	11.46	2.00	0.00	1.00	0.00
31.53	11.34	2.00	0.00	1.00	0.00	31.54	11.46	2.00	0.00	1.00	0.00
31.57	12.90	2.00	0.00	1.00	0.00	31.59	17.62	2.00	0.00	1.00	0.00
31.61	80.70	0.64	3.98	1.00	0.08	31.63	84.13	0.66	3.82	1.00	0.08
31.65	87.27	0.68	3.68	1.00	0.07	31.67	89.15	0.69	3.61	1.00	0.07
31.68	89.85	0.70	3.58	1.00	0.04						

:: Post-earthquake settlement due to soil liquefaction :: (continued)

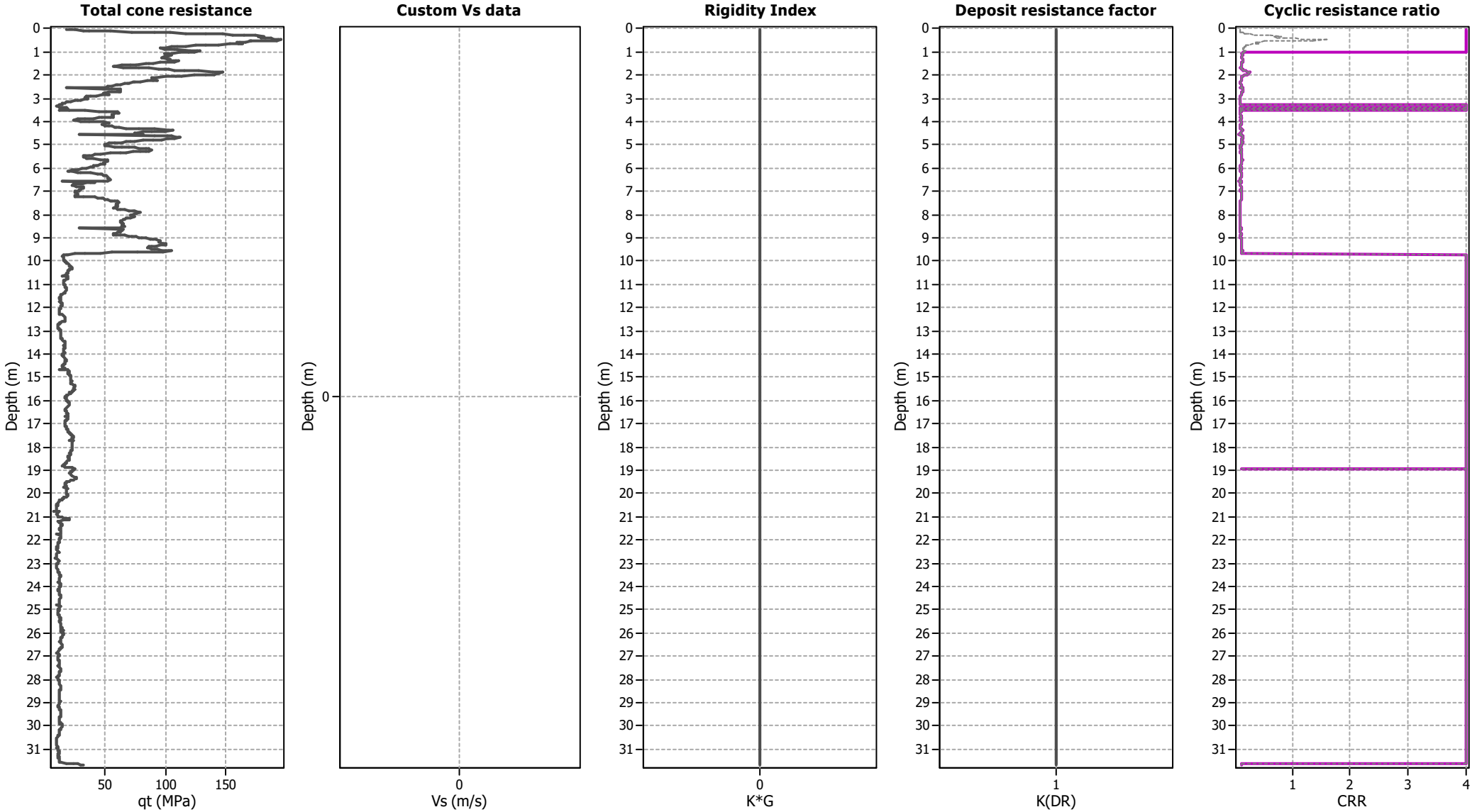
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)

Total estimated settlement: 32.26

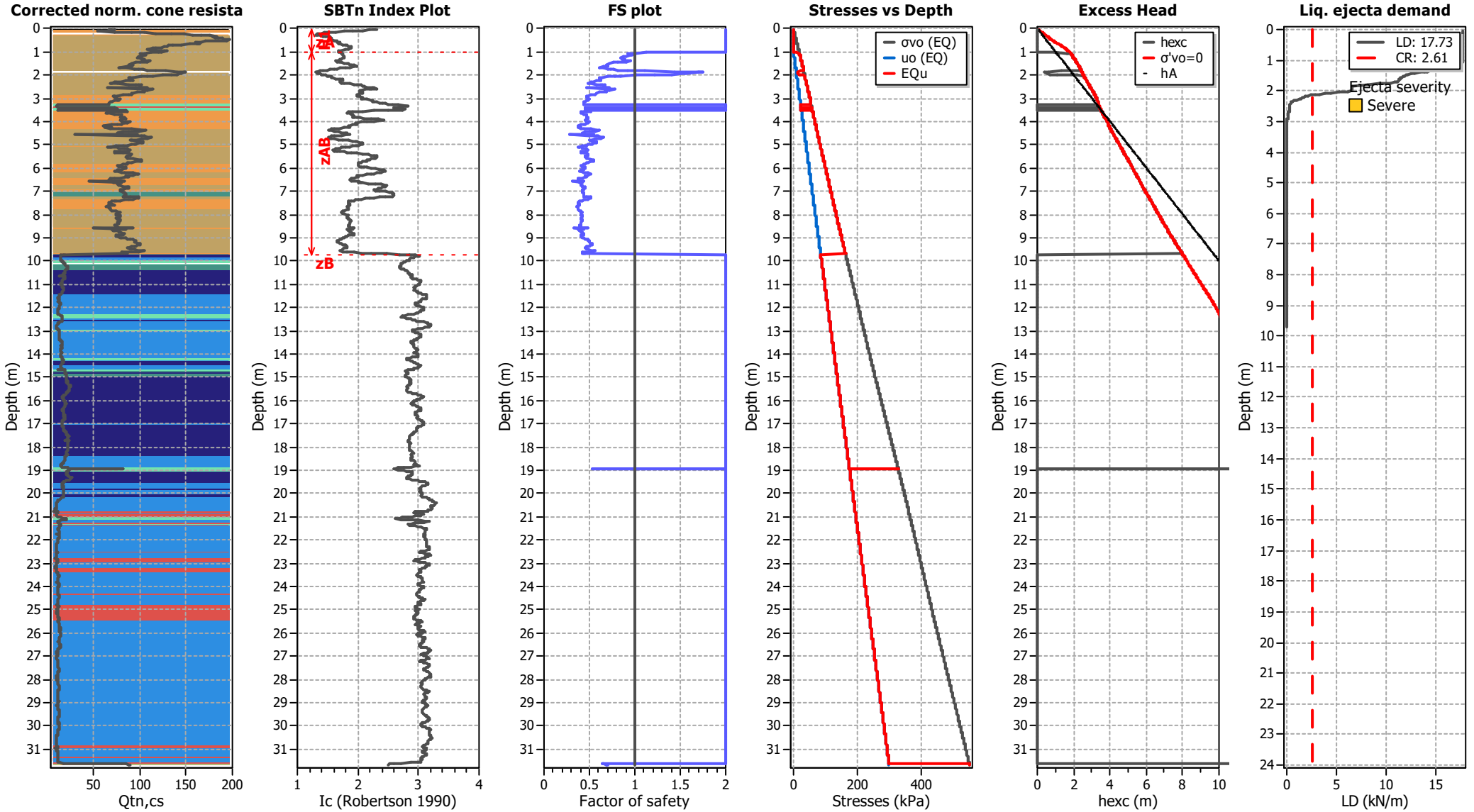
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



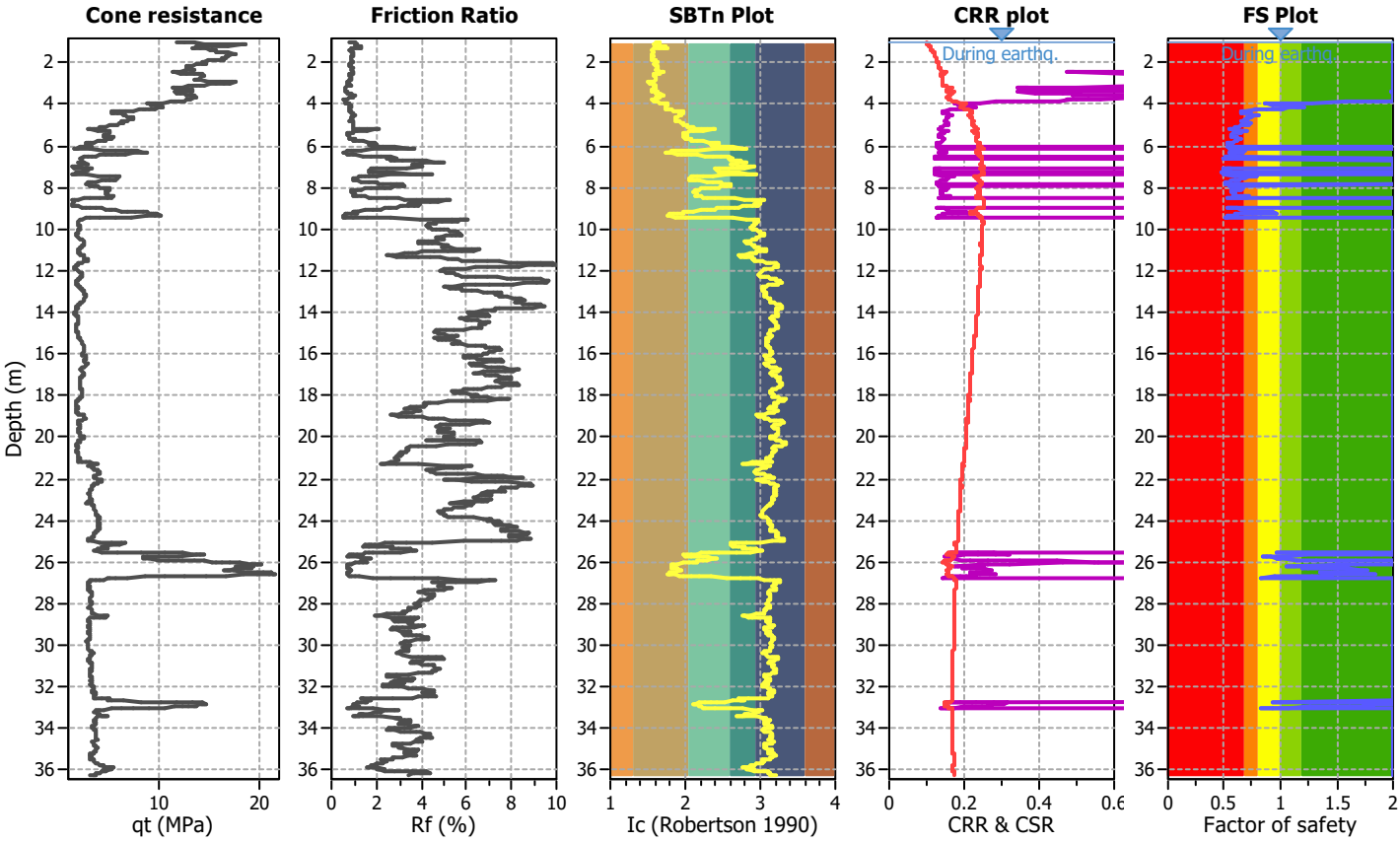
LIQUEFACTION ANALYSIS REPORT

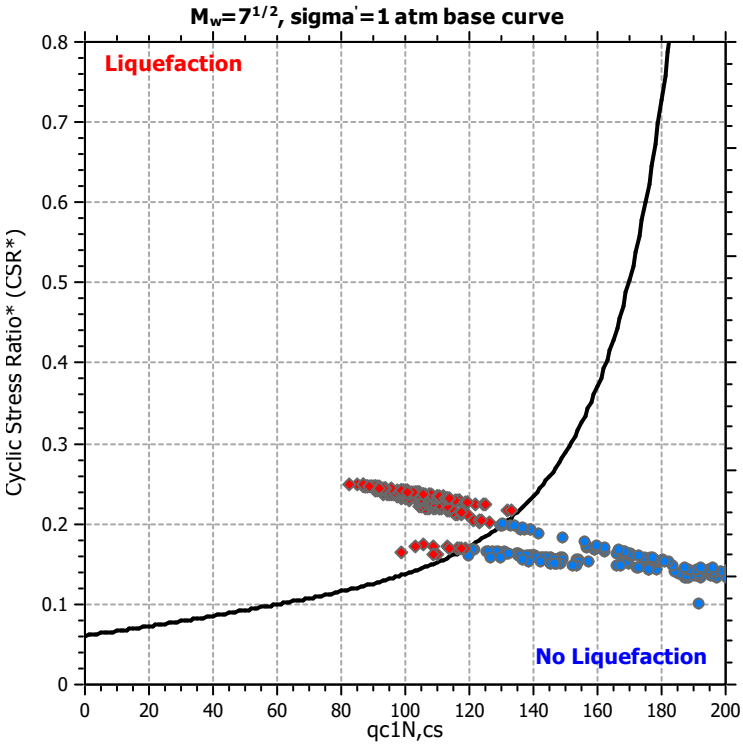
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

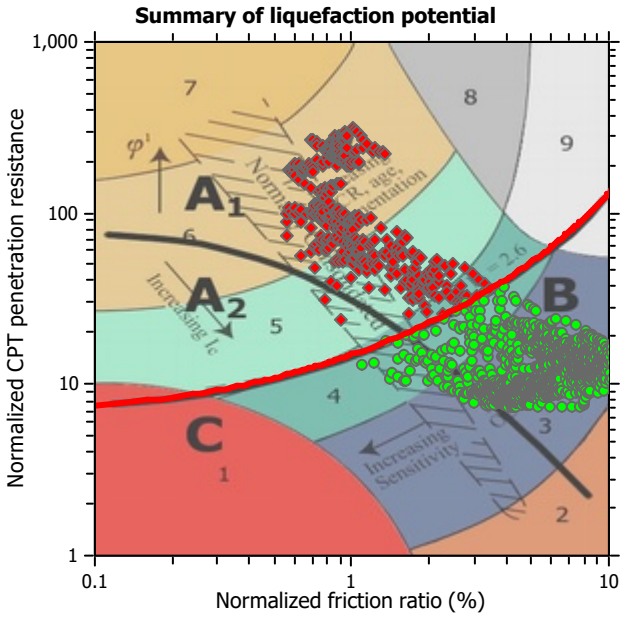
CPT file : 040008P240CPTU240

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

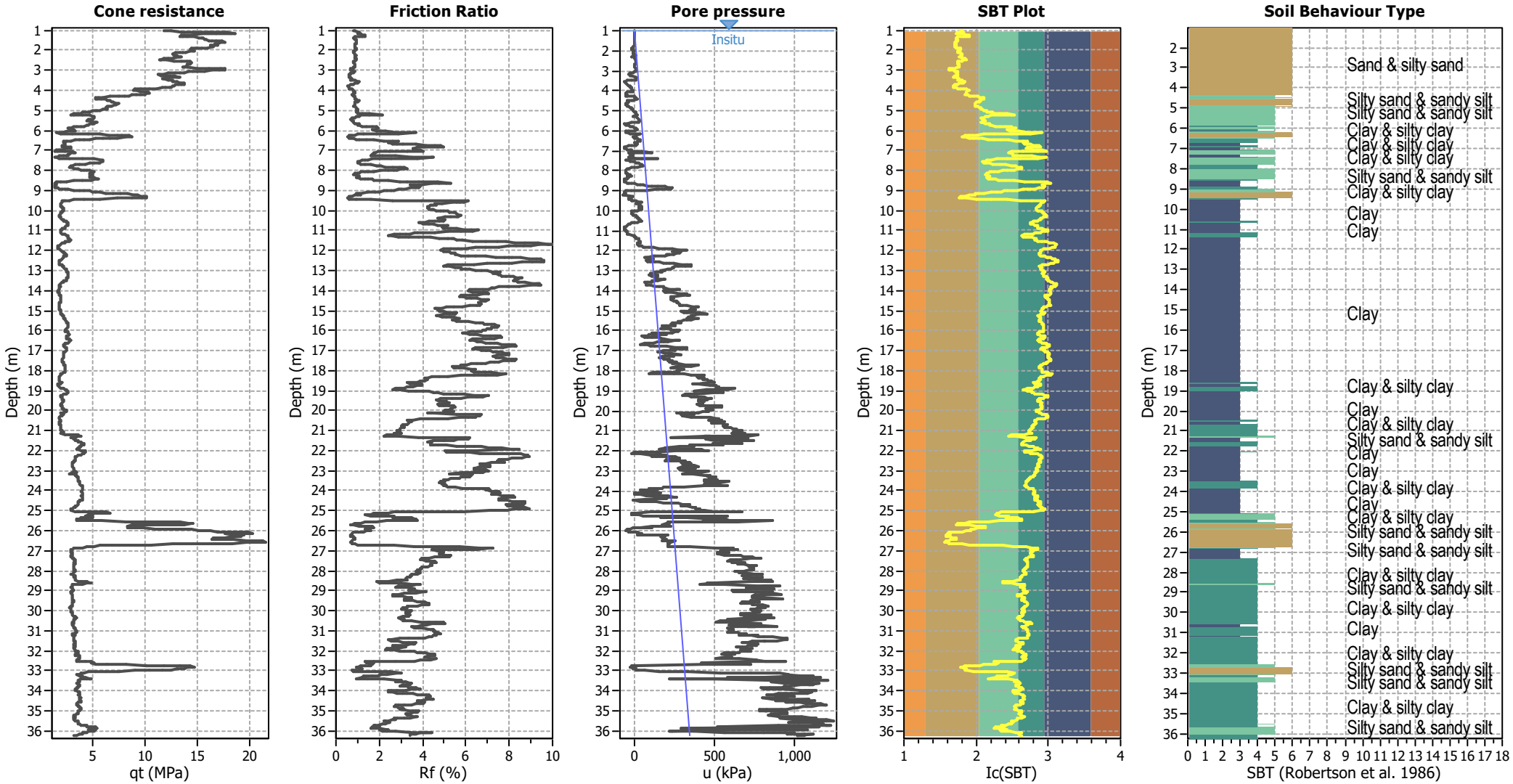






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



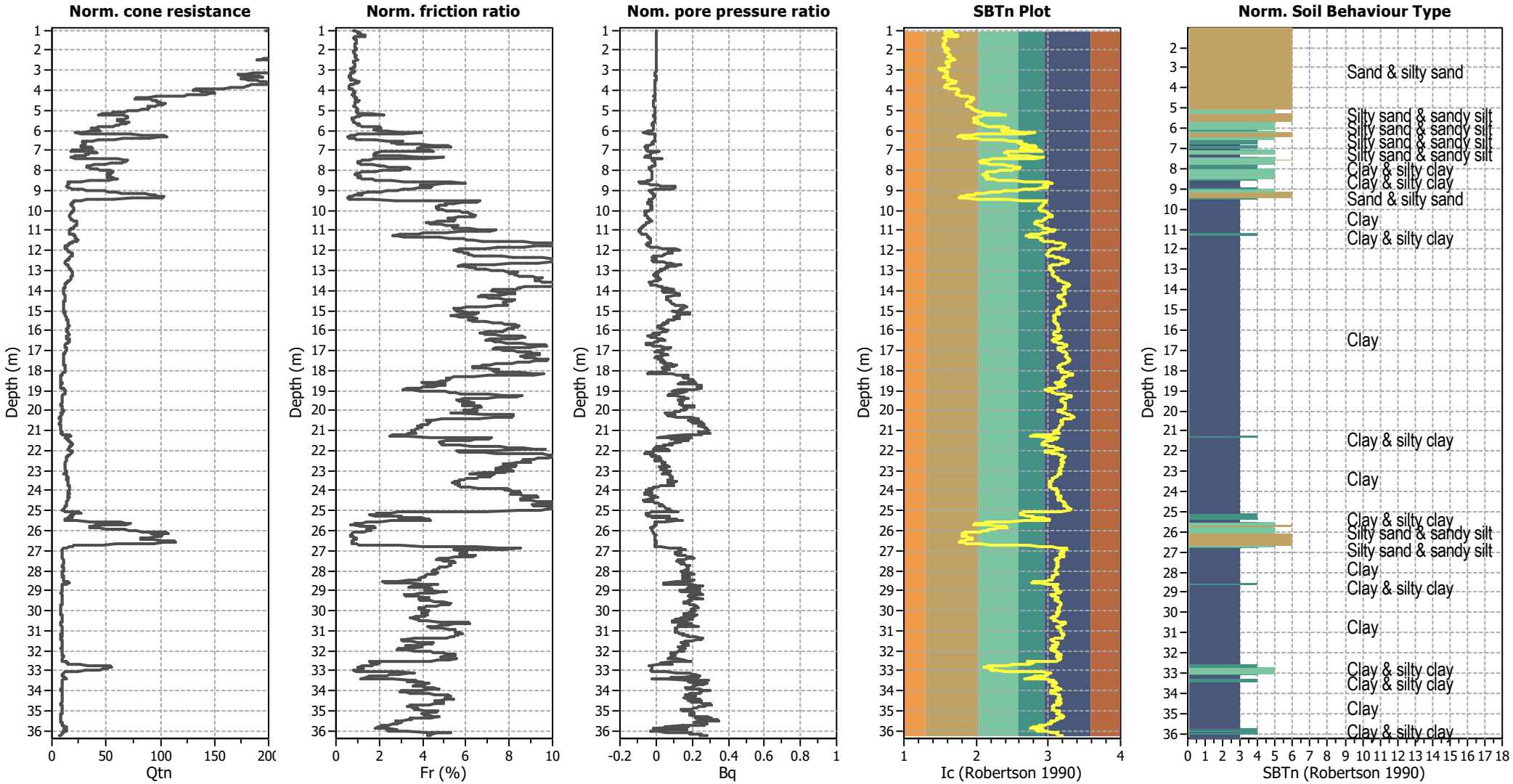
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



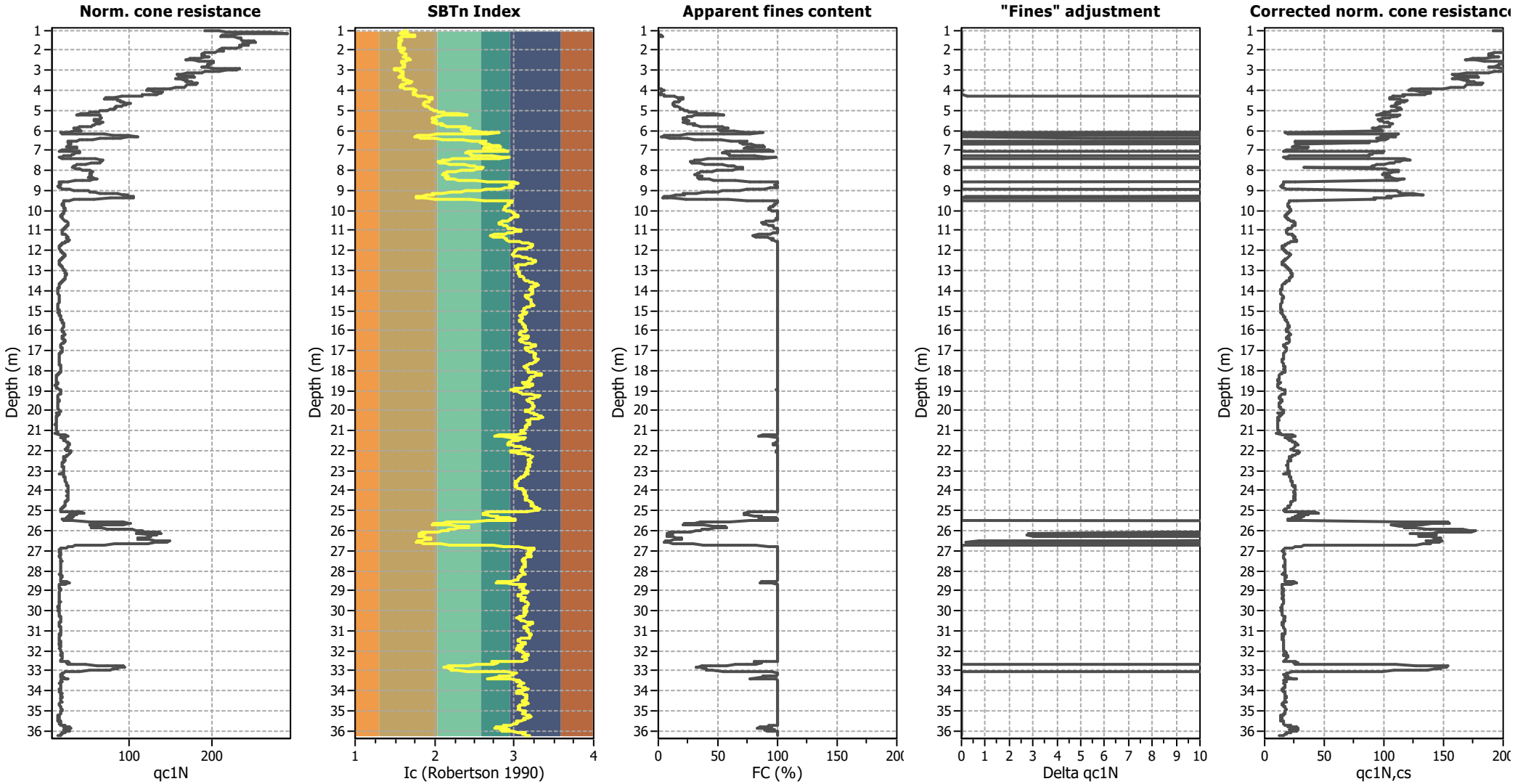
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

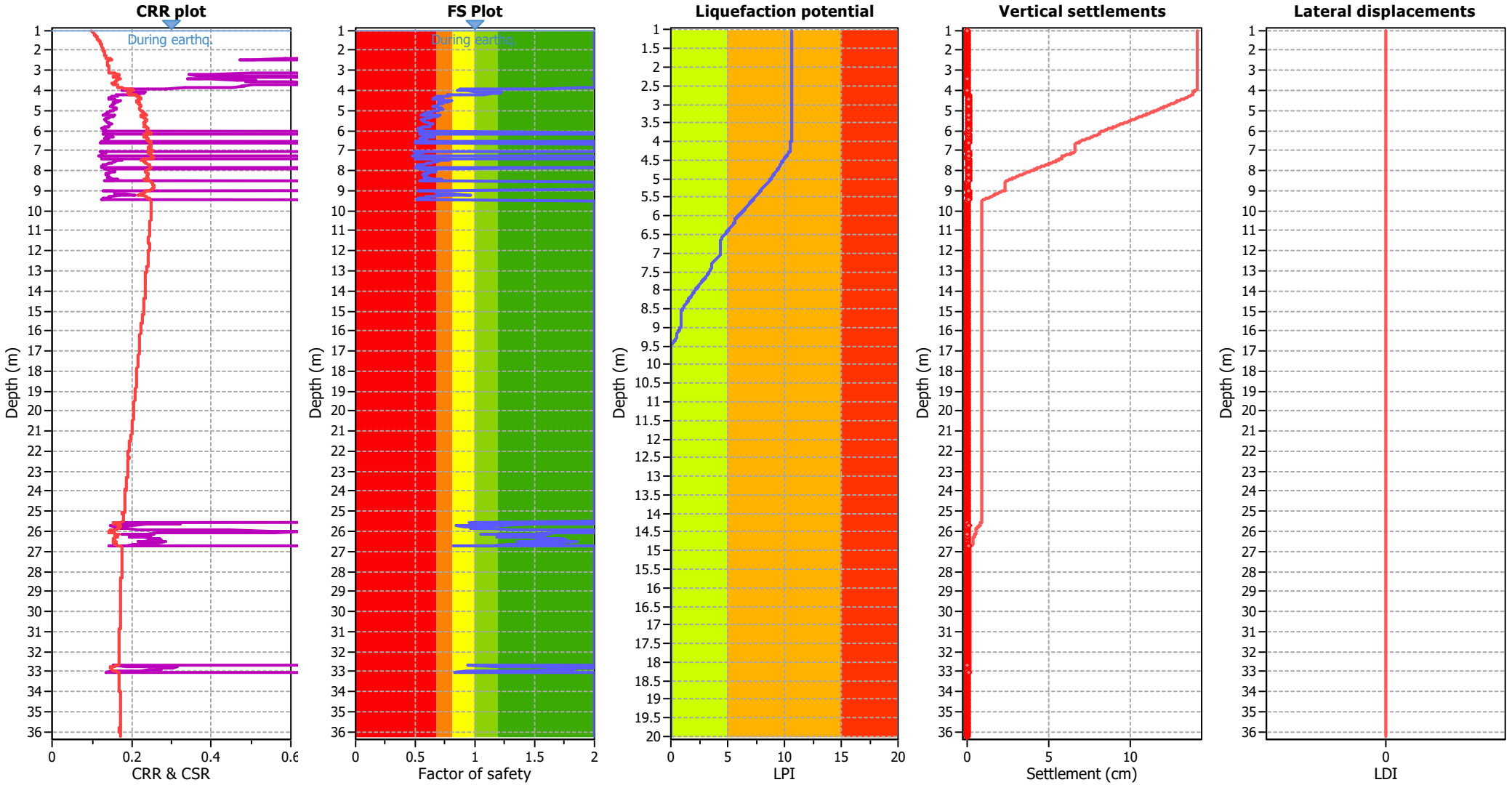
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

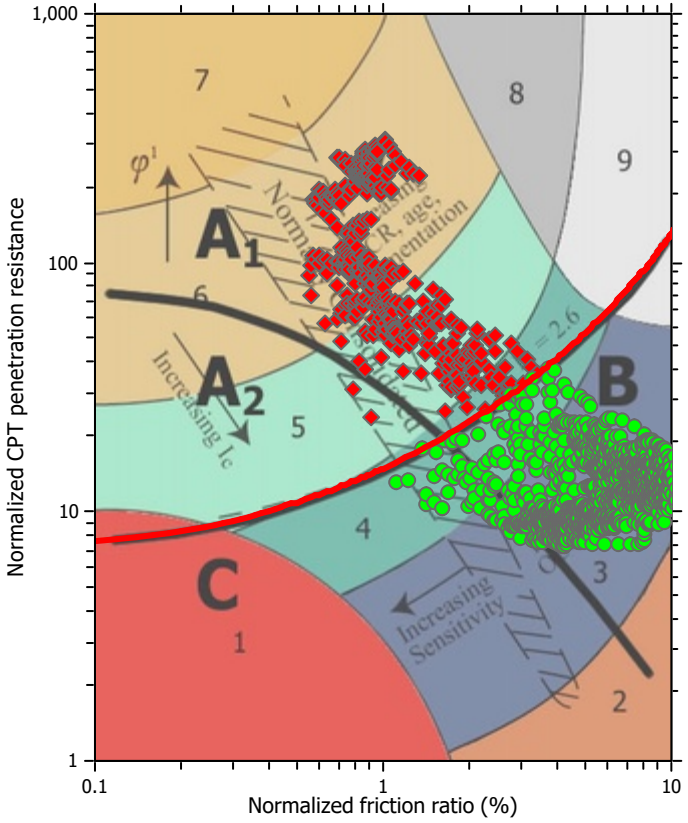
F.S. color scheme

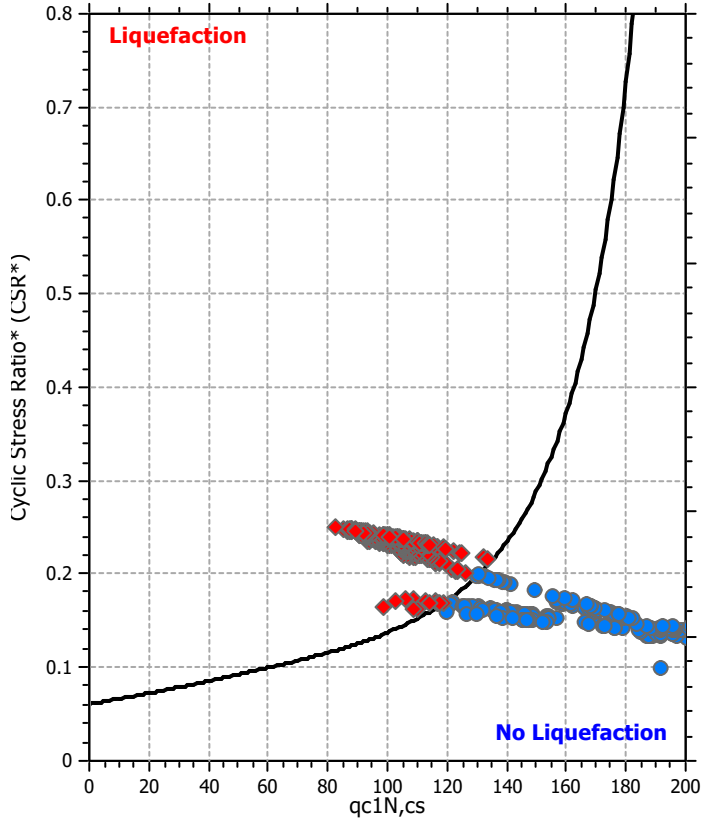
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

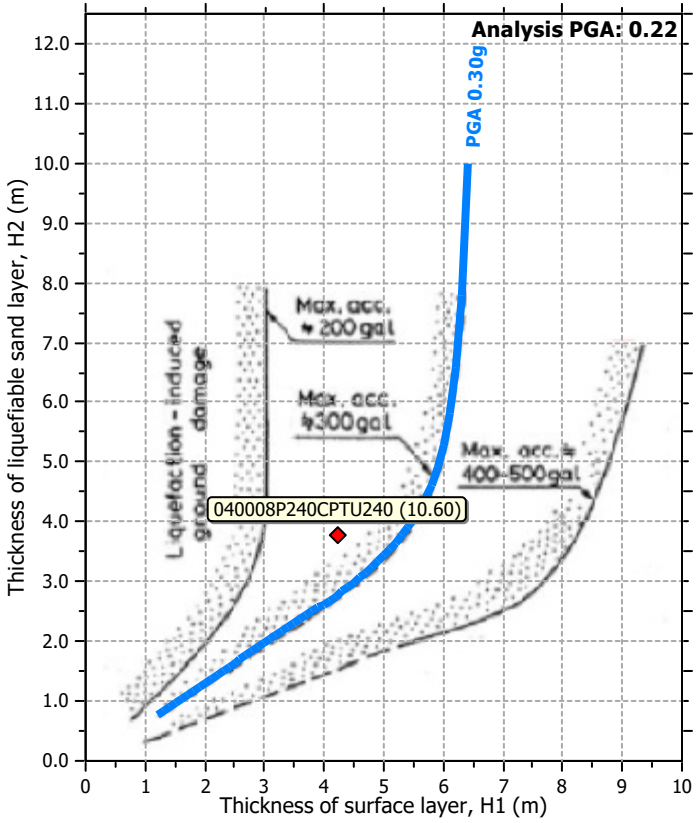
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



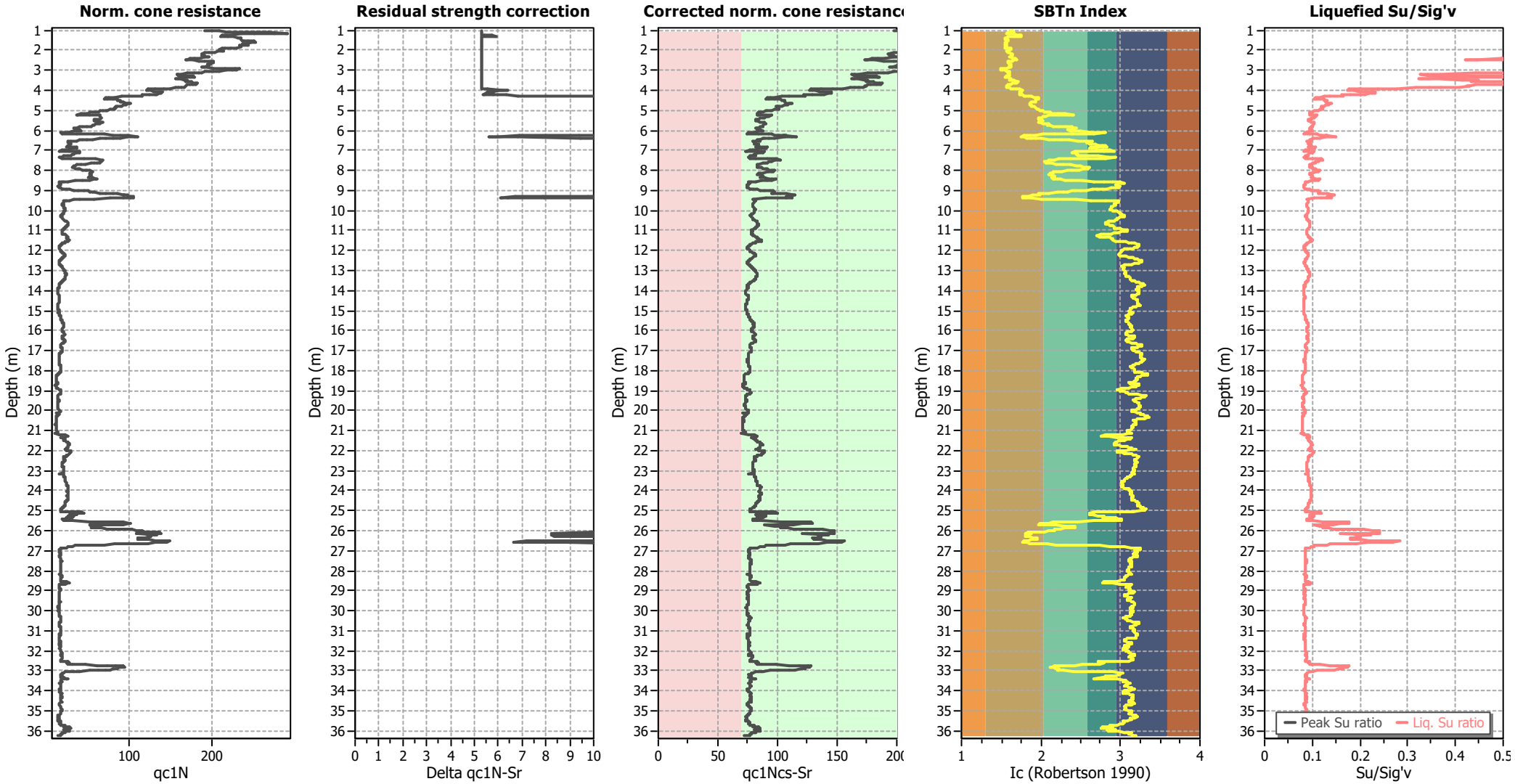




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.02	2.00	0.00	0.00	0.02	0.00	1.04	2.00	0.00	0.00	0.02	0.00
1.06	2.00	0.00	0.00	0.02	0.00	1.08	2.00	0.00	0.00	0.02	0.00
1.10	2.00	0.00	0.00	0.02	0.00	1.12	2.00	0.00	0.00	0.02	0.00
1.14	2.00	0.00	0.00	0.02	0.00	1.16	2.00	0.00	0.00	0.02	0.00
1.18	2.00	0.00	0.00	0.02	0.00	1.20	2.00	0.00	0.00	0.02	0.00
1.22	2.00	0.00	0.00	0.02	0.00	1.24	2.00	0.00	0.00	0.02	0.00
1.26	2.00	0.00	0.00	0.02	0.00	1.28	2.00	0.00	0.00	0.02	0.00
1.30	2.00	0.00	0.00	0.02	0.00	1.32	2.00	0.00	0.00	0.02	0.00
1.34	2.00	0.00	0.00	0.02	0.00	1.36	2.00	0.00	0.00	0.02	0.00
1.38	2.00	0.00	0.00	0.02	0.00	1.40	2.00	0.00	0.00	0.02	0.00
1.42	2.00	0.00	0.00	0.02	0.00	1.44	2.00	0.00	0.00	0.02	0.00
1.46	2.00	0.00	0.00	0.02	0.00	1.48	2.00	0.00	0.00	0.02	0.00
1.50	2.00	0.00	0.00	0.02	0.00	1.52	2.00	0.00	0.00	0.02	0.00
1.54	2.00	0.00	0.00	0.02	0.00	1.56	2.00	0.00	0.00	0.02	0.00
1.58	2.00	0.00	0.00	0.02	0.00	1.60	2.00	0.00	0.00	0.02	0.00
1.62	2.00	0.00	0.00	0.02	0.00	1.64	2.00	0.00	0.00	0.02	0.00
1.66	2.00	0.00	0.00	0.02	0.00	1.68	2.00	0.00	0.00	0.02	0.00
1.70	2.00	0.00	0.00	0.02	0.00	1.72	2.00	0.00	0.00	0.02	0.00
1.74	2.00	0.00	0.00	0.02	0.00	1.76	2.00	0.00	0.00	0.02	0.00
1.78	2.00	0.00	0.00	0.02	0.00	1.80	2.00	0.00	0.00	0.02	0.00
1.82	2.00	0.00	0.00	0.02	0.00	1.84	2.00	0.00	0.00	0.02	0.00
1.86	2.00	0.00	0.00	0.02	0.00	1.88	2.00	0.00	0.00	0.02	0.00
1.90	2.00	0.00	0.00	0.02	0.00	1.92	2.00	0.00	0.00	0.02	0.00
1.94	2.00	0.00	0.00	0.02	0.00	1.96	2.00	0.00	0.00	0.02	0.00
1.98	2.00	0.00	0.00	0.02	0.00	2.00	2.00	0.00	0.00	0.02	0.00
2.02	2.00	0.00	0.00	0.02	0.00	2.04	2.00	0.00	0.00	0.02	0.00
2.06	2.00	0.00	0.00	0.02	0.00	2.08	2.00	0.00	0.00	0.02	0.00
2.10	2.00	0.00	0.00	0.02	0.00	2.12	2.00	0.00	0.00	0.02	0.00
2.14	2.00	0.00	0.00	0.02	0.00	2.16	2.00	0.00	0.00	0.02	0.00
2.18	2.00	0.00	0.00	0.02	0.00	2.20	2.00	0.00	0.00	0.02	0.00
2.22	2.00	0.00	0.00	0.02	0.00	2.24	2.00	0.00	0.00	0.02	0.00
2.26	2.00	0.00	0.00	0.02	0.00	2.28	2.00	0.00	0.00	0.02	0.00
2.30	2.00	0.00	0.00	0.02	0.00	2.32	2.00	0.00	0.00	0.02	0.00
2.34	2.00	0.00	0.00	0.02	0.00	2.36	2.00	0.00	0.00	0.02	0.00
2.38	2.00	0.00	0.00	0.02	0.00	2.40	2.00	0.00	0.00	0.02	0.00
2.42	2.00	0.00	0.00	0.02	0.00	2.44	2.00	0.00	0.00	0.02	0.00
2.46	2.00	0.00	0.00	0.02	0.00	2.48	2.00	0.00	0.00	0.02	0.00
2.50	2.00	0.00	0.00	0.02	0.00	2.52	2.00	0.00	0.00	0.02	0.00
2.54	2.00	0.00	0.00	0.02	0.00	2.56	2.00	0.00	0.00	0.02	0.00
2.58	2.00	0.00	0.00	0.02	0.00	2.60	2.00	0.00	0.00	0.02	0.00
2.62	2.00	0.00	0.00	0.02	0.00	2.64	2.00	0.00	0.00	0.02	0.00
2.66	2.00	0.00	0.00	0.02	0.00	2.68	2.00	0.00	0.00	0.02	0.00
2.70	2.00	0.00	0.00	0.02	0.00	2.72	2.00	0.00	0.00	0.02	0.00
2.74	2.00	0.00	0.00	0.02	0.00	2.76	2.00	0.00	0.00	0.02	0.00
2.78	2.00	0.00	0.00	0.02	0.00	2.80	2.00	0.00	0.00	0.02	0.00
2.82	2.00	0.00	0.00	0.02	0.00	2.84	2.00	0.00	0.00	0.02	0.00
2.86	2.00	0.00	0.00	0.02	0.00	2.88	2.00	0.00	0.00	0.02	0.00
2.90	2.00	0.00	0.00	0.02	0.00	2.92	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.94	2.00	0.00	0.00	0.02	0.00	2.96	2.00	0.00	0.00	0.02	0.00
2.98	2.00	0.00	0.00	0.02	0.00	3.00	2.00	0.00	0.00	0.02	0.00
3.02	2.00	0.00	0.00	0.02	0.00	3.04	2.00	0.00	0.00	0.02	0.00
3.06	2.00	0.00	0.00	0.02	0.00	3.08	2.00	0.00	0.00	0.02	0.00
3.10	2.00	0.00	0.00	0.02	0.00	3.12	2.00	0.00	0.00	0.02	0.00
3.14	2.00	0.00	0.00	0.02	0.00	3.16	2.00	0.00	0.00	0.02	0.00
3.18	2.00	0.00	0.00	0.02	0.00	3.20	2.00	0.00	0.00	0.02	0.00
3.22	2.00	0.00	0.00	0.02	0.00	3.24	2.00	0.00	0.00	0.02	0.00
3.26	2.00	0.00	0.00	0.02	0.00	3.28	2.00	0.00	0.00	0.02	0.00
3.30	2.00	0.00	0.00	0.02	0.00	3.32	2.00	0.00	0.00	0.02	0.00
3.34	2.00	0.00	0.00	0.02	0.00	3.36	2.00	0.00	0.00	0.02	0.00
3.38	2.00	0.00	0.00	0.02	0.00	3.40	2.00	0.00	0.00	0.02	0.00
3.42	1.99	0.00	0.00	0.02	0.00	3.44	2.00	0.00	0.00	0.02	0.00
3.46	2.00	0.00	0.00	0.02	0.00	3.48	2.00	0.00	0.00	0.02	0.00
3.50	2.00	0.00	0.00	0.02	0.00	3.52	2.00	0.00	0.00	0.02	0.00
3.54	2.00	0.00	0.00	0.02	0.00	3.56	2.00	0.00	0.00	0.02	0.00
3.58	2.00	0.00	0.00	0.02	0.00	3.60	2.00	0.00	0.00	0.02	0.00
3.62	2.00	0.00	0.00	0.02	0.00	3.64	2.00	0.00	0.00	0.02	0.00
3.66	2.00	0.00	0.00	0.02	0.00	3.68	2.00	0.00	0.00	0.02	0.00
3.70	2.00	0.00	0.00	0.02	0.00	3.72	2.00	0.00	0.00	0.02	0.00
3.74	2.00	0.00	0.00	0.02	0.00	3.76	2.00	0.00	0.00	0.02	0.00
3.78	2.00	0.00	0.00	0.02	0.00	3.80	2.00	0.00	0.00	0.02	0.00
3.82	2.00	0.00	0.00	0.02	0.00	3.84	2.00	0.00	0.00	0.02	0.00
3.86	2.00	0.00	0.00	0.02	0.00	3.88	1.90	0.00	0.00	0.02	0.00
3.90	1.58	0.00	0.00	0.02	0.00	3.92	1.29	0.00	0.00	0.02	0.00
3.94	1.02	0.00	0.00	0.02	0.00	3.96	0.88	0.00	0.00	0.02	0.02
3.98	0.85	0.00	0.00	0.02	0.02	4.00	0.88	0.00	0.00	0.02	0.02
4.02	0.93	0.00	0.00	0.02	0.01	4.04	1.00	0.00	0.00	0.02	0.00
4.06	1.06	0.00	0.00	0.02	0.00	4.08	1.14	0.00	0.00	0.02	0.00
4.10	1.22	0.00	0.00	0.02	0.00	4.12	1.21	0.00	0.00	0.02	0.00
4.14	1.17	0.00	0.00	0.02	0.00	4.16	1.15	0.00	0.00	0.02	0.00
4.18	1.08	0.00	0.00	0.02	0.00	4.20	1.01	0.00	0.00	0.02	0.00
4.22	0.88	0.00	0.00	0.02	0.02	4.24	0.77	0.00	0.00	0.02	0.04
4.26	0.77	0.00	0.00	0.02	0.04	4.28	0.78	0.00	0.00	0.02	0.03
4.30	0.68	0.00	0.00	0.02	0.05	4.32	0.69	0.00	0.00	0.02	0.05
4.34	0.67	0.00	0.00	0.02	0.05	4.36	0.67	0.00	0.00	0.02	0.05
4.38	0.65	0.00	0.00	0.02	0.05	4.40	0.65	0.00	0.00	0.02	0.05
4.42	0.65	0.00	0.00	0.02	0.05	4.44	0.69	0.00	0.00	0.02	0.05
4.46	0.73	0.00	0.00	0.02	0.04	4.48	0.74	0.00	0.00	0.02	0.04
4.50	0.75	0.00	0.00	0.02	0.04	4.52	0.78	0.00	0.00	0.02	0.03
4.54	0.80	0.00	0.00	0.02	0.03	4.56	0.77	0.00	0.00	0.02	0.03
4.58	0.74	0.00	0.00	0.02	0.04	4.60	0.70	0.00	0.00	0.02	0.05
4.62	0.69	0.00	0.00	0.02	0.05	4.64	0.73	0.00	0.00	0.02	0.04
4.66	0.73	0.00	0.00	0.02	0.04	4.68	0.70	0.00	0.00	0.02	0.05
4.70	0.70	0.00	0.00	0.02	0.05	4.72	0.69	0.00	0.00	0.02	0.05
4.74	0.68	0.00	0.00	0.02	0.05	4.76	0.67	0.00	0.00	0.02	0.05
4.78	0.65	0.00	0.00	0.02	0.05	4.80	0.65	0.00	0.00	0.02	0.05
4.82	0.67	0.00	0.00	0.02	0.05	4.84	0.70	0.00	0.00	0.02	0.05

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.86	0.72	0.00	0.00	0.02	0.04	4.88	0.72	0.00	0.00	0.02	0.04
4.90	0.73	0.00	0.00	0.02	0.04	4.92	0.73	0.00	0.00	0.02	0.04
4.94	0.73	0.00	0.00	0.02	0.04	4.96	0.71	0.00	0.00	0.02	0.04
4.98	0.70	0.00	0.00	0.02	0.05	5.00	0.68	0.00	0.00	0.02	0.05
5.02	0.66	0.00	0.00	0.02	0.05	5.04	0.65	0.00	0.00	0.02	0.05
5.06	0.63	0.37	0.70	0.02	0.06	5.08	0.62	0.38	0.68	0.02	0.06
5.10	0.60	0.40	0.64	0.02	0.06	5.12	0.59	0.41	0.62	0.02	0.06
5.14	0.59	0.41	0.60	0.02	0.06	5.16	0.60	0.40	0.63	0.02	0.06
5.18	0.58	0.42	0.59	0.02	0.06	5.20	0.55	0.45	0.54	0.02	0.07
5.22	0.55	0.45	0.55	0.02	0.07	5.24	0.64	0.00	0.00	0.02	0.05
5.26	0.71	0.00	0.00	0.02	0.04	5.28	0.68	0.00	0.00	0.02	0.05
5.30	0.66	0.00	0.00	0.02	0.05	5.32	0.66	0.00	0.00	0.02	0.05
5.34	0.64	0.36	0.72	0.02	0.05	5.36	0.63	0.37	0.69	0.02	0.05
5.38	0.60	0.40	0.63	0.02	0.06	5.40	0.58	0.42	0.60	0.02	0.06
5.42	0.57	0.43	0.58	0.02	0.06	5.44	0.56	0.44	0.56	0.02	0.06
5.46	0.55	0.45	0.55	0.02	0.06	5.48	0.56	0.44	0.56	0.02	0.06
5.50	0.57	0.43	0.57	0.02	0.06	5.52	0.57	0.43	0.57	0.02	0.06
5.54	0.58	0.42	0.59	0.02	0.06	5.56	0.59	0.41	0.61	0.02	0.06
5.58	0.61	0.39	0.66	0.02	0.06	5.60	0.61	0.39	0.65	0.02	0.06
5.62	0.61	0.39	0.66	0.02	0.06	5.64	0.62	0.38	0.68	0.02	0.05
5.66	0.63	0.37	0.70	0.02	0.05	5.68	0.65	0.00	0.00	0.02	0.05
5.70	0.64	0.36	0.71	0.02	0.05	5.72	0.62	0.38	0.67	0.02	0.05
5.74	0.62	0.38	0.67	0.02	0.05	5.76	0.62	0.38	0.67	0.02	0.05
5.78	0.62	0.38	0.68	0.02	0.05	5.80	0.60	0.40	0.63	0.02	0.06
5.82	0.58	0.42	0.59	0.02	0.06	5.84	0.56	0.44	0.56	0.02	0.06
5.86	0.54	0.46	0.53	0.02	0.07	5.88	0.53	0.47	0.51	0.02	0.07
5.90	0.52	0.48	0.50	0.02	0.07	5.92	0.52	0.48	0.51	0.02	0.07
5.94	0.53	0.47	0.52	0.02	0.07	5.96	0.55	0.45	0.54	0.02	0.06
5.98	0.56	0.44	0.56	0.02	0.06	6.00	0.57	0.43	0.58	0.02	0.06
6.02	0.57	0.43	0.58	0.02	0.06	6.04	0.55	0.45	0.55	0.02	0.06
6.06	0.52	0.48	0.51	0.02	0.07	6.08	2.00	0.00	0.00	0.02	0.00
6.10	2.00	0.00	0.00	0.02	0.00	6.12	2.00	0.00	0.00	0.02	0.00
6.14	2.00	0.00	0.00	0.02	0.00	6.16	0.54	0.46	0.53	0.02	0.06
6.18	0.66	0.00	0.00	0.02	0.05	6.20	0.68	0.00	0.00	0.02	0.04
6.22	0.65	0.00	0.00	0.02	0.05	6.24	0.60	0.40	0.63	0.02	0.06
6.26	0.60	0.40	0.63	0.02	0.05	6.28	0.56	0.44	0.57	0.02	0.06
6.30	0.66	0.00	0.00	0.02	0.05	6.32	0.63	0.37	0.70	0.02	0.05
6.34	0.57	0.43	0.58	0.02	0.06	6.36	0.54	0.46	0.53	0.02	0.06
6.38	0.56	0.44	0.56	0.02	0.06	6.40	0.58	0.42	0.59	0.02	0.06
6.42	0.60	0.40	0.63	0.02	0.05	6.44	0.59	0.41	0.60	0.02	0.06
6.46	0.57	0.43	0.57	0.02	0.06	6.48	0.57	0.43	0.57	0.02	0.06
6.50	0.56	0.44	0.55	0.02	0.06	6.52	0.54	0.46	0.53	0.02	0.06
6.54	0.50	0.50	0.48	0.02	0.07	6.56	2.00	0.00	0.00	0.02	0.00
6.58	2.00	0.00	0.00	0.02	0.00	6.60	0.50	0.50	0.48	0.02	0.07
6.62	0.50	0.50	0.48	0.02	0.07	6.64	0.49	0.51	0.47	0.02	0.07
6.66	2.00	0.00	0.00	0.02	0.00	6.68	2.00	0.00	0.00	0.02	0.00
6.70	2.00	0.00	0.00	0.02	0.00	6.72	2.00	0.00	0.00	0.02	0.00
6.74	2.00	0.00	0.00	0.02	0.00	6.76	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.78	2.00	0.00	0.00	0.02	0.00	6.80	2.00	0.00	0.00	0.02	0.00
6.82	2.00	0.00	0.00	0.02	0.00	6.84	2.00	0.00	0.00	0.02	0.00
6.86	2.00	0.00	0.00	0.02	0.00	6.88	2.00	0.00	0.00	0.02	0.00
6.90	2.00	0.00	0.00	0.02	0.00	6.92	2.00	0.00	0.00	0.02	0.00
6.94	2.00	0.00	0.00	0.02	0.00	6.96	2.00	0.00	0.00	0.02	0.00
6.98	2.00	0.00	0.00	0.02	0.00	7.00	2.00	0.00	0.00	0.02	0.00
7.02	2.00	0.00	0.00	0.02	0.00	7.04	2.00	0.00	0.00	0.02	0.00
7.06	0.49	0.51	0.46	0.02	0.07	7.08	0.57	0.43	0.57	0.02	0.06
7.10	0.56	0.44	0.56	0.02	0.06	7.12	0.53	0.47	0.52	0.02	0.06
7.14	0.52	0.48	0.50	0.02	0.06	7.16	0.51	0.49	0.49	0.02	0.06
7.18	0.50	0.50	0.48	0.02	0.06	7.20	0.50	0.50	0.48	0.02	0.06
7.22	0.50	0.50	0.48	0.02	0.06	7.24	0.49	0.51	0.47	0.02	0.06
7.26	0.50	0.50	0.48	0.02	0.06	7.28	0.47	0.53	0.45	0.02	0.07
7.30	2.00	0.00	0.00	0.02	0.00	7.32	2.00	0.00	0.00	0.02	0.00
7.34	2.00	0.00	0.00	0.02	0.00	7.36	2.00	0.00	0.00	0.02	0.00
7.38	2.00	0.00	0.00	0.02	0.00	7.40	0.49	0.51	0.47	0.02	0.06
7.42	0.60	0.40	0.63	0.02	0.05	7.44	0.72	0.00	0.00	0.02	0.03
7.46	0.78	0.00	0.00	0.02	0.03	7.48	0.75	0.00	0.00	0.02	0.03
7.50	0.71	0.00	0.00	0.02	0.04	7.52	0.68	0.00	0.00	0.02	0.04
7.54	0.67	0.00	0.00	0.02	0.04	7.56	0.66	0.00	0.00	0.02	0.04
7.58	0.65	0.00	0.00	0.02	0.04	7.60	0.64	0.36	0.72	0.02	0.04
7.62	0.63	0.37	0.69	0.02	0.05	7.64	0.62	0.38	0.67	0.02	0.05
7.66	0.60	0.40	0.63	0.02	0.05	7.68	0.57	0.43	0.57	0.02	0.05
7.70	0.55	0.45	0.55	0.02	0.06	7.72	0.53	0.47	0.52	0.02	0.06
7.74	0.52	0.48	0.50	0.02	0.06	7.76	0.51	0.49	0.49	0.02	0.06
7.78	0.51	0.49	0.49	0.02	0.06	7.80	0.51	0.49	0.49	0.02	0.06
7.82	0.50	0.50	0.48	0.02	0.06	7.84	0.51	0.49	0.49	0.02	0.06
7.86	0.52	0.48	0.50	0.02	0.06	7.88	2.00	0.00	0.00	0.02	0.00
7.90	0.54	0.46	0.53	0.02	0.06	7.92	0.56	0.44	0.56	0.02	0.05
7.94	0.57	0.43	0.58	0.02	0.05	7.96	0.60	0.40	0.62	0.02	0.05
7.98	0.62	0.38	0.68	0.02	0.05	8.00	0.65	0.00	0.00	0.02	0.04
8.02	0.67	0.00	0.00	0.02	0.04	8.04	0.68	0.00	0.00	0.02	0.04
8.06	0.67	0.00	0.00	0.02	0.04	8.08	0.65	0.00	0.00	0.02	0.04
8.10	0.63	0.37	0.70	0.02	0.04	8.12	0.60	0.40	0.64	0.02	0.05
8.14	0.58	0.42	0.59	0.02	0.05	8.16	0.57	0.43	0.57	0.02	0.05
8.18	0.56	0.44	0.56	0.02	0.05	8.20	0.56	0.44	0.56	0.02	0.05
8.22	0.57	0.43	0.58	0.02	0.05	8.24	0.58	0.42	0.59	0.02	0.05
8.26	0.60	0.40	0.63	0.02	0.05	8.28	0.60	0.40	0.63	0.02	0.05
8.30	0.59	0.41	0.62	0.02	0.05	8.32	0.58	0.42	0.59	0.02	0.05
8.34	0.57	0.43	0.58	0.02	0.05	8.36	0.58	0.42	0.60	0.02	0.05
8.38	0.61	0.39	0.65	0.02	0.05	8.40	0.65	0.00	0.00	0.02	0.04
8.42	0.68	0.00	0.00	0.02	0.04	8.44	0.72	0.00	0.00	0.02	0.03
8.46	0.70	0.00	0.00	0.02	0.03	8.48	0.65	0.00	0.00	0.02	0.04
8.50	0.59	0.41	0.61	0.02	0.05	8.52	0.53	0.47	0.52	0.02	0.05
8.54	2.00	0.00	0.00	0.02	0.00	8.56	2.00	0.00	0.00	0.02	0.00
8.58	2.00	0.00	0.00	0.02	0.00	8.60	2.00	0.00	0.00	0.02	0.00
8.62	2.00	0.00	0.00	0.02	0.00	8.64	2.00	0.00	0.00	0.02	0.00
8.66	2.00	0.00	0.00	0.02	0.00	8.68	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.70	2.00	0.00	0.00	0.02	0.00	8.72	2.00	0.00	0.00	0.02	0.00
8.74	2.00	0.00	0.00	0.02	0.00	8.76	2.00	0.00	0.00	0.02	0.00
8.78	2.00	0.00	0.00	0.02	0.00	8.80	2.00	0.00	0.00	0.02	0.00
8.82	2.00	0.00	0.00	0.02	0.00	8.84	2.00	0.00	0.00	0.02	0.00
8.86	2.00	0.00	0.00	0.02	0.00	8.88	2.00	0.00	0.00	0.02	0.00
8.90	2.00	0.00	0.00	0.02	0.00	8.92	2.00	0.00	0.00	0.02	0.00
8.94	2.00	0.00	0.00	0.02	0.00	8.96	2.00	0.00	0.00	0.02	0.00
8.98	0.52	0.48	0.51	0.02	0.05	9.00	0.56	0.44	0.56	0.02	0.05
9.02	0.61	0.39	0.65	0.02	0.04	9.04	0.65	0.00	0.00	0.02	0.04
9.06	0.68	0.00	0.00	0.02	0.04	9.08	0.68	0.00	0.00	0.02	0.03
9.10	0.68	0.00	0.00	0.02	0.03	9.12	0.68	0.00	0.00	0.02	0.03
9.14	0.69	0.00	0.00	0.02	0.03	9.16	0.74	0.00	0.00	0.02	0.03
9.18	0.81	0.00	0.00	0.02	0.02	9.20	0.94	0.00	0.00	0.02	0.01
9.22	0.97	0.00	0.00	0.02	0.00	9.24	0.82	0.00	0.00	0.02	0.02
9.26	0.75	0.00	0.00	0.02	0.03	9.28	0.60	0.40	0.64	0.02	0.04
9.30	0.59	0.41	0.61	0.02	0.04	9.32	0.61	0.39	0.66	0.02	0.04
9.34	0.61	0.39	0.66	0.02	0.04	9.36	0.58	0.42	0.59	0.02	0.04
9.38	0.53	0.47	0.52	0.02	0.05	9.40	0.52	0.48	0.51	0.02	0.05
9.42	0.53	0.47	0.51	0.02	0.05	9.44	0.52	0.48	0.51	0.02	0.05
9.46	0.51	0.49	0.49	0.02	0.05	9.48	2.00	0.00	0.00	0.02	0.00
9.50	2.00	0.00	0.00	0.02	0.00	9.52	2.00	0.00	0.00	0.02	0.00
9.54	2.00	0.00	0.00	0.02	0.00	9.56	2.00	0.00	0.00	0.02	0.00
9.58	2.00	0.00	0.00	0.02	0.00	9.60	2.00	0.00	0.00	0.02	0.00
9.62	2.00	0.00	0.00	0.02	0.00	9.64	2.00	0.00	0.00	0.02	0.00
9.66	2.00	0.00	0.00	0.02	0.00	9.68	2.00	0.00	0.00	0.02	0.00
9.70	2.00	0.00	0.00	0.02	0.00	9.72	2.00	0.00	0.00	0.02	0.00
9.74	2.00	0.00	0.00	0.02	0.00	9.76	2.00	0.00	0.00	0.02	0.00
9.78	2.00	0.00	0.00	0.02	0.00	9.80	2.00	0.00	0.00	0.02	0.00
9.82	2.00	0.00	0.00	0.02	0.00	9.84	2.00	0.00	0.00	0.02	0.00
9.86	2.00	0.00	0.00	0.02	0.00	9.88	2.00	0.00	0.00	0.02	0.00
9.90	2.00	0.00	0.00	0.02	0.00	9.92	2.00	0.00	0.00	0.02	0.00
9.94	2.00	0.00	0.00	0.02	0.00	9.96	2.00	0.00	0.00	0.02	0.00
9.98	2.00	0.00	0.00	0.02	0.00	10.00	2.00	0.00	0.00	0.02	0.00
10.02	2.00	0.00	0.00	0.02	0.00	10.04	2.00	0.00	0.00	0.02	0.00
10.06	2.00	0.00	0.00	0.02	0.00	10.08	2.00	0.00	0.00	0.02	0.00
10.10	2.00	0.00	0.00	0.02	0.00	10.12	2.00	0.00	0.00	0.02	0.00
10.14	2.00	0.00	0.00	0.02	0.00	10.16	2.00	0.00	0.00	0.02	0.00
10.18	2.00	0.00	0.00	0.02	0.00	10.20	2.00	0.00	0.00	0.02	0.00
10.22	2.00	0.00	0.00	0.02	0.00	10.24	2.00	0.00	0.00	0.02	0.00
10.26	2.00	0.00	0.00	0.02	0.00	10.28	2.00	0.00	0.00	0.02	0.00
10.30	2.00	0.00	0.00	0.02	0.00	10.32	2.00	0.00	0.00	0.02	0.00
10.34	2.00	0.00	0.00	0.02	0.00	10.36	2.00	0.00	0.00	0.02	0.00
10.38	2.00	0.00	0.00	0.02	0.00	10.40	2.00	0.00	0.00	0.02	0.00
10.42	2.00	0.00	0.00	0.02	0.00	10.44	2.00	0.00	0.00	0.02	0.00
10.46	2.00	0.00	0.00	0.02	0.00	10.48	2.00	0.00	0.00	0.02	0.00
10.50	2.00	0.00	0.00	0.02	0.00	10.52	2.00	0.00	0.00	0.02	0.00
10.54	2.00	0.00	0.00	0.02	0.00	10.56	2.00	0.00	0.00	0.02	0.00
10.58	2.00	0.00	0.00	0.02	0.00	10.60	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.62	2.00	0.00	0.00	0.02	0.00	10.64	2.00	0.00	0.00	0.02	0.00
10.66	2.00	0.00	0.00	0.02	0.00	10.68	2.00	0.00	0.00	0.02	0.00
10.70	2.00	0.00	0.00	0.02	0.00	10.72	2.00	0.00	0.00	0.02	0.00
10.74	2.00	0.00	0.00	0.02	0.00	10.76	2.00	0.00	0.00	0.02	0.00
10.78	2.00	0.00	0.00	0.02	0.00	10.80	2.00	0.00	0.00	0.02	0.00
10.82	2.00	0.00	0.00	0.02	0.00	10.84	2.00	0.00	0.00	0.02	0.00
10.86	2.00	0.00	0.00	0.02	0.00	10.88	2.00	0.00	0.00	0.02	0.00
10.90	2.00	0.00	0.00	0.02	0.00	10.92	2.00	0.00	0.00	0.02	0.00
10.94	2.00	0.00	0.00	0.02	0.00	10.96	2.00	0.00	0.00	0.02	0.00
10.98	2.00	0.00	0.00	0.02	0.00	11.00	2.00	0.00	0.00	0.02	0.00
11.02	2.00	0.00	0.00	0.02	0.00	11.04	2.00	0.00	0.00	0.02	0.00
11.06	2.00	0.00	0.00	0.02	0.00	11.08	2.00	0.00	0.00	0.02	0.00
11.10	2.00	0.00	0.00	0.02	0.00	11.12	2.00	0.00	0.00	0.02	0.00
11.14	2.00	0.00	0.00	0.02	0.00	11.16	2.00	0.00	0.00	0.02	0.00
11.18	2.00	0.00	0.00	0.02	0.00	11.20	2.00	0.00	0.00	0.02	0.00
11.22	2.00	0.00	0.00	0.02	0.00	11.24	2.00	0.00	0.00	0.02	0.00
11.26	2.00	0.00	0.00	0.02	0.00	11.28	2.00	0.00	0.00	0.02	0.00
11.30	2.00	0.00	0.00	0.02	0.00	11.32	2.00	0.00	0.00	0.02	0.00
11.34	2.00	0.00	0.00	0.02	0.00	11.36	2.00	0.00	0.00	0.02	0.00
11.38	2.00	0.00	0.00	0.02	0.00	11.40	2.00	0.00	0.00	0.02	0.00
11.42	2.00	0.00	0.00	0.02	0.00	11.44	2.00	0.00	0.00	0.02	0.00
11.46	2.00	0.00	0.00	0.02	0.00	11.48	2.00	0.00	0.00	0.02	0.00
11.50	2.00	0.00	0.00	0.02	0.00	11.52	2.00	0.00	0.00	0.02	0.00
11.54	2.00	0.00	0.00	0.02	0.00	11.56	2.00	0.00	0.00	0.02	0.00
11.58	2.00	0.00	0.00	0.02	0.00	11.60	2.00	0.00	0.00	0.02	0.00
11.62	2.00	0.00	0.00	0.02	0.00	11.64	2.00	0.00	0.00	0.02	0.00
11.66	2.00	0.00	0.00	0.02	0.00	11.68	2.00	0.00	0.00	0.02	0.00
11.70	2.00	0.00	0.00	0.02	0.00	11.72	2.00	0.00	0.00	0.02	0.00
11.74	2.00	0.00	0.00	0.02	0.00	11.76	2.00	0.00	0.00	0.02	0.00
11.78	2.00	0.00	0.00	0.02	0.00	11.80	2.00	0.00	0.00	0.02	0.00
11.82	2.00	0.00	0.00	0.02	0.00	11.84	2.00	0.00	0.00	0.02	0.00
11.86	2.00	0.00	0.00	0.02	0.00	11.88	2.00	0.00	0.00	0.02	0.00
11.90	2.00	0.00	0.00	0.02	0.00	11.92	2.00	0.00	0.00	0.02	0.00
11.94	2.00	0.00	0.00	0.02	0.00	11.96	2.00	0.00	0.00	0.02	0.00
11.98	2.00	0.00	0.00	0.02	0.00	12.00	2.00	0.00	0.00	0.02	0.00
12.02	2.00	0.00	0.00	0.02	0.00	12.04	2.00	0.00	0.00	0.02	0.00
12.06	2.00	0.00	0.00	0.02	0.00	12.08	2.00	0.00	0.00	0.02	0.00
12.10	2.00	0.00	0.00	0.02	0.00	12.12	2.00	0.00	0.00	0.02	0.00
12.14	2.00	0.00	0.00	0.02	0.00	12.16	2.00	0.00	0.00	0.02	0.00
12.18	2.00	0.00	0.00	0.02	0.00	12.20	2.00	0.00	0.00	0.02	0.00
12.22	2.00	0.00	0.00	0.02	0.00	12.24	2.00	0.00	0.00	0.02	0.00
12.26	2.00	0.00	0.00	0.02	0.00	12.28	2.00	0.00	0.00	0.02	0.00
12.30	2.00	0.00	0.00	0.02	0.00	12.32	2.00	0.00	0.00	0.02	0.00
12.34	2.00	0.00	0.00	0.02	0.00	12.36	2.00	0.00	0.00	0.02	0.00
12.38	2.00	0.00	0.00	0.02	0.00	12.40	2.00	0.00	0.00	0.02	0.00
12.42	2.00	0.00	0.00	0.02	0.00	12.44	2.00	0.00	0.00	0.02	0.00
12.46	2.00	0.00	0.00	0.02	0.00	12.48	2.00	0.00	0.00	0.02	0.00
12.50	2.00	0.00	0.00	0.02	0.00	12.52	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.54	2.00	0.00	0.00	0.02	0.00	12.56	2.00	0.00	0.00	0.02	0.00
12.58	2.00	0.00	0.00	0.02	0.00	12.60	2.00	0.00	0.00	0.02	0.00
12.62	2.00	0.00	0.00	0.02	0.00	12.64	2.00	0.00	0.00	0.02	0.00
12.66	2.00	0.00	0.00	0.02	0.00	12.68	2.00	0.00	0.00	0.02	0.00
12.70	2.00	0.00	0.00	0.02	0.00	12.72	2.00	0.00	0.00	0.02	0.00
12.74	2.00	0.00	0.00	0.02	0.00	12.76	2.00	0.00	0.00	0.02	0.00
12.78	2.00	0.00	0.00	0.02	0.00	12.80	2.00	0.00	0.00	0.02	0.00
12.82	2.00	0.00	0.00	0.02	0.00	12.84	2.00	0.00	0.00	0.02	0.00
12.86	2.00	0.00	0.00	0.02	0.00	12.88	2.00	0.00	0.00	0.02	0.00
12.90	2.00	0.00	0.00	0.02	0.00	12.92	2.00	0.00	0.00	0.02	0.00
12.94	2.00	0.00	0.00	0.02	0.00	12.96	2.00	0.00	0.00	0.02	0.00
12.98	2.00	0.00	0.00	0.02	0.00	13.00	2.00	0.00	0.00	0.02	0.00
13.02	2.00	0.00	0.00	0.02	0.00	13.04	2.00	0.00	0.00	0.02	0.00
13.06	2.00	0.00	0.00	0.02	0.00	13.08	2.00	0.00	0.00	0.02	0.00
13.10	2.00	0.00	0.00	0.02	0.00	13.12	2.00	0.00	0.00	0.02	0.00
13.14	2.00	0.00	0.00	0.02	0.00	13.16	2.00	0.00	0.00	0.02	0.00
13.18	2.00	0.00	0.00	0.02	0.00	13.20	2.00	0.00	0.00	0.02	0.00
13.22	2.00	0.00	0.00	0.02	0.00	13.24	2.00	0.00	0.00	0.02	0.00
13.26	2.00	0.00	0.00	0.02	0.00	13.28	2.00	0.00	0.00	0.02	0.00
13.30	2.00	0.00	0.00	0.02	0.00	13.32	2.00	0.00	0.00	0.02	0.00
13.34	2.00	0.00	0.00	0.02	0.00	13.36	2.00	0.00	0.00	0.02	0.00
13.38	2.00	0.00	0.00	0.02	0.00	13.40	2.00	0.00	0.00	0.02	0.00
13.42	2.00	0.00	0.00	0.02	0.00	13.44	2.00	0.00	0.00	0.02	0.00
13.46	2.00	0.00	0.00	0.02	0.00	13.48	2.00	0.00	0.00	0.02	0.00
13.50	2.00	0.00	0.00	0.02	0.00	13.52	2.00	0.00	0.00	0.02	0.00
13.54	2.00	0.00	0.00	0.02	0.00	13.56	2.00	0.00	0.00	0.02	0.00
13.58	2.00	0.00	0.00	0.02	0.00	13.60	2.00	0.00	0.00	0.02	0.00
13.62	2.00	0.00	0.00	0.02	0.00	13.64	2.00	0.00	0.00	0.02	0.00
13.66	2.00	0.00	0.00	0.02	0.00	13.68	2.00	0.00	0.00	0.02	0.00
13.70	2.00	0.00	0.00	0.02	0.00	13.72	2.00	0.00	0.00	0.02	0.00
13.74	2.00	0.00	0.00	0.02	0.00	13.76	2.00	0.00	0.00	0.02	0.00
13.78	2.00	0.00	0.00	0.02	0.00	13.80	2.00	0.00	0.00	0.02	0.00
13.82	2.00	0.00	0.00	0.02	0.00	13.84	2.00	0.00	0.00	0.02	0.00
13.86	2.00	0.00	0.00	0.02	0.00	13.88	2.00	0.00	0.00	0.02	0.00
13.90	2.00	0.00	0.00	0.02	0.00	13.92	2.00	0.00	0.00	0.02	0.00
13.94	2.00	0.00	0.00	0.02	0.00	13.96	2.00	0.00	0.00	0.02	0.00
13.98	2.00	0.00	0.00	0.02	0.00	14.00	2.00	0.00	0.00	0.02	0.00
14.02	2.00	0.00	0.00	0.02	0.00	14.04	2.00	0.00	0.00	0.02	0.00
14.06	2.00	0.00	0.00	0.02	0.00	14.08	2.00	0.00	0.00	0.02	0.00
14.10	2.00	0.00	0.00	0.02	0.00	14.12	2.00	0.00	0.00	0.02	0.00
14.14	2.00	0.00	0.00	0.02	0.00	14.16	2.00	0.00	0.00	0.02	0.00
14.18	2.00	0.00	0.00	0.02	0.00	14.20	2.00	0.00	0.00	0.02	0.00
14.22	2.00	0.00	0.00	0.02	0.00	14.24	2.00	0.00	0.00	0.02	0.00
14.26	2.00	0.00	0.00	0.02	0.00	14.28	2.00	0.00	0.00	0.02	0.00
14.30	2.00	0.00	0.00	0.02	0.00	14.32	2.00	0.00	0.00	0.02	0.00
14.34	2.00	0.00	0.00	0.02	0.00	14.36	2.00	0.00	0.00	0.02	0.00
14.38	2.00	0.00	0.00	0.02	0.00	14.40	2.00	0.00	0.00	0.02	0.00
14.42	2.00	0.00	0.00	0.02	0.00	14.44	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.46	2.00	0.00	0.00	0.02	0.00	14.48	2.00	0.00	0.00	0.02	0.00
14.50	2.00	0.00	0.00	0.02	0.00	14.52	2.00	0.00	0.00	0.02	0.00
14.54	2.00	0.00	0.00	0.02	0.00	14.56	2.00	0.00	0.00	0.02	0.00
14.58	2.00	0.00	0.00	0.02	0.00	14.60	2.00	0.00	0.00	0.02	0.00
14.62	2.00	0.00	0.00	0.02	0.00	14.64	2.00	0.00	0.00	0.02	0.00
14.66	2.00	0.00	0.00	0.02	0.00	14.68	2.00	0.00	0.00	0.02	0.00
14.70	2.00	0.00	0.00	0.02	0.00	14.72	2.00	0.00	0.00	0.02	0.00
14.74	2.00	0.00	0.00	0.02	0.00	14.76	2.00	0.00	0.00	0.02	0.00
14.78	2.00	0.00	0.00	0.02	0.00	14.80	2.00	0.00	0.00	0.02	0.00
14.82	2.00	0.00	0.00	0.02	0.00	14.84	2.00	0.00	0.00	0.02	0.00
14.86	2.00	0.00	0.00	0.02	0.00	14.88	2.00	0.00	0.00	0.02	0.00
14.90	2.00	0.00	0.00	0.02	0.00	14.92	2.00	0.00	0.00	0.02	0.00
14.94	2.00	0.00	0.00	0.02	0.00	14.96	2.00	0.00	0.00	0.02	0.00
14.98	2.00	0.00	0.00	0.02	0.00	15.00	2.00	0.00	0.00	0.02	0.00
15.02	2.00	0.00	0.00	0.02	0.00	15.04	2.00	0.00	0.00	0.02	0.00
15.06	2.00	0.00	0.00	0.02	0.00	15.08	2.00	0.00	0.00	0.02	0.00
15.10	2.00	0.00	0.00	0.02	0.00	15.12	2.00	0.00	0.00	0.02	0.00
15.14	2.00	0.00	0.00	0.02	0.00	15.16	2.00	0.00	0.00	0.02	0.00
15.18	2.00	0.00	0.00	0.02	0.00	15.20	2.00	0.00	0.00	0.02	0.00
15.22	2.00	0.00	0.00	0.02	0.00	15.24	2.00	0.00	0.00	0.02	0.00
15.26	2.00	0.00	0.00	0.02	0.00	15.28	2.00	0.00	0.00	0.02	0.00
15.30	2.00	0.00	0.00	0.02	0.00	15.32	2.00	0.00	0.00	0.02	0.00
15.34	2.00	0.00	0.00	0.02	0.00	15.36	2.00	0.00	0.00	0.02	0.00
15.38	2.00	0.00	0.00	0.02	0.00	15.40	2.00	0.00	0.00	0.02	0.00
15.42	2.00	0.00	0.00	0.02	0.00	15.44	2.00	0.00	0.00	0.02	0.00
15.46	2.00	0.00	0.00	0.02	0.00	15.48	2.00	0.00	0.00	0.02	0.00
15.50	2.00	0.00	0.00	0.02	0.00	15.52	2.00	0.00	0.00	0.02	0.00
15.54	2.00	0.00	0.00	0.02	0.00	15.56	2.00	0.00	0.00	0.02	0.00
15.58	2.00	0.00	0.00	0.02	0.00	15.60	2.00	0.00	0.00	0.02	0.00
15.62	2.00	0.00	0.00	0.02	0.00	15.64	2.00	0.00	0.00	0.02	0.00
15.66	2.00	0.00	0.00	0.02	0.00	15.68	2.00	0.00	0.00	0.02	0.00
15.70	2.00	0.00	0.00	0.02	0.00	15.72	2.00	0.00	0.00	0.02	0.00
15.74	2.00	0.00	0.00	0.02	0.00	15.76	2.00	0.00	0.00	0.02	0.00
15.78	2.00	0.00	0.00	0.02	0.00	15.80	2.00	0.00	0.00	0.02	0.00
15.82	2.00	0.00	0.00	0.02	0.00	15.84	2.00	0.00	0.00	0.02	0.00
15.86	2.00	0.00	0.00	0.02	0.00	15.88	2.00	0.00	0.00	0.02	0.00
15.90	2.00	0.00	0.00	0.02	0.00	15.92	2.00	0.00	0.00	0.02	0.00
15.94	2.00	0.00	0.00	0.02	0.00	15.96	2.00	0.00	0.00	0.02	0.00
15.98	2.00	0.00	0.00	0.02	0.00	16.00	2.00	0.00	0.00	0.02	0.00
16.02	2.00	0.00	0.00	0.02	0.00	16.04	2.00	0.00	0.00	0.02	0.00
16.06	2.00	0.00	0.00	0.02	0.00	16.08	2.00	0.00	0.00	0.02	0.00
16.10	2.00	0.00	0.00	0.02	0.00	16.12	2.00	0.00	0.00	0.02	0.00
16.14	2.00	0.00	0.00	0.02	0.00	16.16	2.00	0.00	0.00	0.02	0.00
16.18	2.00	0.00	0.00	0.02	0.00	16.20	2.00	0.00	0.00	0.02	0.00
16.22	2.00	0.00	0.00	0.02	0.00	16.24	2.00	0.00	0.00	0.02	0.00
16.26	2.00	0.00	0.00	0.02	0.00	16.28	2.00	0.00	0.00	0.02	0.00
16.30	2.00	0.00	0.00	0.02	0.00	16.32	2.00	0.00	0.00	0.02	0.00
16.34	2.00	0.00	0.00	0.02	0.00	16.36	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.38	2.00	0.00	0.00	0.02	0.00	16.40	2.00	0.00	0.00	0.02	0.00
16.42	2.00	0.00	0.00	0.02	0.00	16.44	2.00	0.00	0.00	0.02	0.00
16.46	2.00	0.00	0.00	0.02	0.00	16.48	2.00	0.00	0.00	0.02	0.00
16.50	2.00	0.00	0.00	0.02	0.00	16.52	2.00	0.00	0.00	0.02	0.00
16.54	2.00	0.00	0.00	0.02	0.00	16.56	2.00	0.00	0.00	0.02	0.00
16.58	2.00	0.00	0.00	0.02	0.00	16.60	2.00	0.00	0.00	0.02	0.00
16.62	2.00	0.00	0.00	0.02	0.00	16.64	2.00	0.00	0.00	0.02	0.00
16.66	2.00	0.00	0.00	0.02	0.00	16.68	2.00	0.00	0.00	0.02	0.00
16.70	2.00	0.00	0.00	0.02	0.00	16.72	2.00	0.00	0.00	0.02	0.00
16.74	2.00	0.00	0.00	0.02	0.00	16.76	2.00	0.00	0.00	0.02	0.00
16.78	2.00	0.00	0.00	0.02	0.00	16.80	2.00	0.00	0.00	0.02	0.00
16.82	2.00	0.00	0.00	0.02	0.00	16.84	2.00	0.00	0.00	0.02	0.00
16.86	2.00	0.00	0.00	0.02	0.00	16.88	2.00	0.00	0.00	0.02	0.00
16.90	2.00	0.00	0.00	0.02	0.00	16.92	2.00	0.00	0.00	0.02	0.00
16.94	2.00	0.00	0.00	0.02	0.00	16.96	2.00	0.00	0.00	0.02	0.00
16.98	2.00	0.00	0.00	0.02	0.00	17.00	2.00	0.00	0.00	0.02	0.00
17.02	2.00	0.00	0.00	0.02	0.00	17.04	2.00	0.00	0.00	0.02	0.00
17.06	2.00	0.00	0.00	0.02	0.00	17.08	2.00	0.00	0.00	0.02	0.00
17.10	2.00	0.00	0.00	0.02	0.00	17.12	2.00	0.00	0.00	0.02	0.00
17.14	2.00	0.00	0.00	0.02	0.00	17.16	2.00	0.00	0.00	0.02	0.00
17.18	2.00	0.00	0.00	0.02	0.00	17.20	2.00	0.00	0.00	0.02	0.00
17.22	2.00	0.00	0.00	0.02	0.00	17.24	2.00	0.00	0.00	0.02	0.00
17.26	2.00	0.00	0.00	0.02	0.00	17.28	2.00	0.00	0.00	0.02	0.00
17.30	2.00	0.00	0.00	0.02	0.00	17.32	2.00	0.00	0.00	0.02	0.00
17.34	2.00	0.00	0.00	0.02	0.00	17.36	2.00	0.00	0.00	0.02	0.00
17.38	2.00	0.00	0.00	0.02	0.00	17.40	2.00	0.00	0.00	0.02	0.00
17.42	2.00	0.00	0.00	0.02	0.00	17.44	2.00	0.00	0.00	0.02	0.00
17.46	2.00	0.00	0.00	0.02	0.00	17.48	2.00	0.00	0.00	0.02	0.00
17.50	2.00	0.00	0.00	0.02	0.00	17.52	2.00	0.00	0.00	0.02	0.00
17.54	2.00	0.00	0.00	0.02	0.00	17.56	2.00	0.00	0.00	0.02	0.00
17.58	2.00	0.00	0.00	0.02	0.00	17.60	2.00	0.00	0.00	0.02	0.00
17.62	2.00	0.00	0.00	0.02	0.00	17.64	2.00	0.00	0.00	0.02	0.00
17.66	2.00	0.00	0.00	0.02	0.00	17.68	2.00	0.00	0.00	0.02	0.00
17.70	2.00	0.00	0.00	0.02	0.00	17.72	2.00	0.00	0.00	0.02	0.00
17.74	2.00	0.00	0.00	0.02	0.00	17.76	2.00	0.00	0.00	0.02	0.00
17.78	2.00	0.00	0.00	0.02	0.00	17.80	2.00	0.00	0.00	0.02	0.00
17.82	2.00	0.00	0.00	0.02	0.00	17.84	2.00	0.00	0.00	0.02	0.00
17.86	2.00	0.00	0.00	0.02	0.00	17.88	2.00	0.00	0.00	0.02	0.00
17.90	2.00	0.00	0.00	0.02	0.00	17.92	2.00	0.00	0.00	0.02	0.00
17.94	2.00	0.00	0.00	0.02	0.00	17.96	2.00	0.00	0.00	0.02	0.00
17.98	2.00	0.00	0.00	0.02	0.00	18.00	2.00	0.00	0.00	0.02	0.00
18.02	2.00	0.00	0.00	0.02	0.00	18.04	2.00	0.00	0.00	0.02	0.00
18.06	2.00	0.00	0.00	0.02	0.00	18.08	2.00	0.00	0.00	0.02	0.00
18.10	2.00	0.00	0.00	0.02	0.00	18.12	2.00	0.00	0.00	0.02	0.00
18.14	2.00	0.00	0.00	0.02	0.00	18.16	2.00	0.00	0.00	0.02	0.00
18.18	2.00	0.00	0.00	0.02	0.00	18.20	2.00	0.00	0.00	0.02	0.00
18.22	2.00	0.00	0.00	0.02	0.00	18.24	2.00	0.00	0.00	0.02	0.00
18.26	2.00	0.00	0.00	0.02	0.00	18.28	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
18.30	2.00	0.00	0.00	0.02	0.00	18.32	2.00	0.00	0.00	0.02	0.00
18.34	2.00	0.00	0.00	0.02	0.00	18.36	2.00	0.00	0.00	0.02	0.00
18.38	2.00	0.00	0.00	0.02	0.00	18.40	2.00	0.00	0.00	0.02	0.00
18.42	2.00	0.00	0.00	0.02	0.00	18.44	2.00	0.00	0.00	0.02	0.00
18.46	2.00	0.00	0.00	0.02	0.00	18.48	2.00	0.00	0.00	0.02	0.00
18.50	2.00	0.00	0.00	0.02	0.00	18.52	2.00	0.00	0.00	0.02	0.00
18.54	2.00	0.00	0.00	0.02	0.00	18.56	2.00	0.00	0.00	0.02	0.00
18.58	2.00	0.00	0.00	0.02	0.00	18.60	2.00	0.00	0.00	0.02	0.00
18.62	2.00	0.00	0.00	0.02	0.00	18.64	2.00	0.00	0.00	0.02	0.00
18.66	2.00	0.00	0.00	0.02	0.00	18.68	2.00	0.00	0.00	0.02	0.00
18.70	2.00	0.00	0.00	0.02	0.00	18.72	2.00	0.00	0.00	0.02	0.00
18.74	2.00	0.00	0.00	0.02	0.00	18.76	2.00	0.00	0.00	0.02	0.00
18.78	2.00	0.00	0.00	0.02	0.00	18.80	2.00	0.00	0.00	0.02	0.00
18.82	2.00	0.00	0.00	0.02	0.00	18.84	2.00	0.00	0.00	0.02	0.00
18.86	2.00	0.00	0.00	0.02	0.00	18.88	2.00	0.00	0.00	0.02	0.00
18.90	2.00	0.00	0.00	0.02	0.00	18.92	2.00	0.00	0.00	0.02	0.00
18.94	2.00	0.00	0.00	0.02	0.00	18.96	2.00	0.00	0.00	0.02	0.00
18.98	2.00	0.00	0.00	0.02	0.00	19.00	2.00	0.00	0.00	0.02	0.00
19.02	2.00	0.00	0.00	0.02	0.00	19.04	2.00	0.00	0.00	0.02	0.00
19.06	2.00	0.00	0.00	0.02	0.00	19.08	2.00	0.00	0.00	0.02	0.00
19.10	2.00	0.00	0.00	0.02	0.00	19.12	2.00	0.00	0.00	0.02	0.00
19.14	2.00	0.00	0.00	0.02	0.00	19.16	2.00	0.00	0.00	0.02	0.00
19.18	2.00	0.00	0.00	0.02	0.00	19.20	2.00	0.00	0.00	0.02	0.00
19.22	2.00	0.00	0.00	0.02	0.00	19.24	2.00	0.00	0.00	0.02	0.00
19.26	2.00	0.00	0.00	0.02	0.00	19.28	2.00	0.00	0.00	0.02	0.00
19.30	2.00	0.00	0.00	0.02	0.00	19.32	2.00	0.00	0.00	0.02	0.00
19.34	2.00	0.00	0.00	0.02	0.00	19.36	2.00	0.00	0.00	0.02	0.00
19.38	2.00	0.00	0.00	0.02	0.00	19.40	2.00	0.00	0.00	0.02	0.00
19.42	2.00	0.00	0.00	0.02	0.00	19.44	2.00	0.00	0.00	0.02	0.00
19.46	2.00	0.00	0.00	0.02	0.00	19.48	2.00	0.00	0.00	0.02	0.00
19.50	2.00	0.00	0.00	0.02	0.00	19.52	2.00	0.00	0.00	0.02	0.00
19.54	2.00	0.00	0.00	0.02	0.00	19.56	2.00	0.00	0.00	0.02	0.00
19.58	2.00	0.00	0.00	0.02	0.00	19.60	2.00	0.00	0.00	0.02	0.00
19.62	2.00	0.00	0.00	0.02	0.00	19.64	2.00	0.00	0.00	0.02	0.00
19.66	2.00	0.00	0.00	0.02	0.00	19.68	2.00	0.00	0.00	0.02	0.00
19.70	2.00	0.00	0.00	0.02	0.00	19.72	2.00	0.00	0.00	0.02	0.00
19.74	2.00	0.00	0.00	0.02	0.00	19.76	2.00	0.00	0.00	0.02	0.00
19.78	2.00	0.00	0.00	0.02	0.00	19.80	2.00	0.00	0.00	0.02	0.00
19.82	2.00	0.00	0.00	0.02	0.00	19.84	2.00	0.00	0.00	0.02	0.00
19.86	2.00	0.00	0.00	0.02	0.00	19.88	2.00	0.00	0.00	0.02	0.00
19.90	2.00	0.00	0.00	0.02	0.00	19.92	2.00	0.00	0.00	0.02	0.00
19.94	2.00	0.00	0.00	0.02	0.00	19.96	2.00	0.00	0.00	0.02	0.00
19.98	2.00	0.00	0.00	0.02	0.00	20.00	2.00	0.00	0.00	0.02	0.00
20.02	2.00	0.00	0.00	0.02	0.00	20.04	2.00	0.00	0.00	0.02	0.00
20.06	2.00	0.00	0.00	0.02	0.00	20.08	2.00	0.00	0.00	0.02	0.00
20.10	2.00	0.00	0.00	0.02	0.00	20.12	2.00	0.00	0.00	0.02	0.00
20.14	2.00	0.00	0.00	0.02	0.00	20.16	2.00	0.00	0.00	0.02	0.00
20.18	2.00	0.00	0.00	0.02	0.00	20.20	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
20.22	2.00	0.00	0.00	0.02	0.00	20.24	2.00	0.00	0.00	0.02	0.00
20.26	2.00	0.00	0.00	0.02	0.00	20.28	2.00	0.00	0.00	0.02	0.00
20.30	2.00	0.00	0.00	0.02	0.00	20.32	2.00	0.00	0.00	0.02	0.00
20.34	2.00	0.00	0.00	0.02	0.00	20.36	2.00	0.00	0.00	0.02	0.00
20.38	2.00	0.00	0.00	0.02	0.00	20.40	2.00	0.00	0.00	0.02	0.00
20.42	2.00	0.00	0.00	0.02	0.00	20.44	2.00	0.00	0.00	0.02	0.00
20.46	2.00	0.00	0.00	0.02	0.00	20.48	2.00	0.00	0.00	0.02	0.00
20.50	2.00	0.00	0.00	0.02	0.00	20.52	2.00	0.00	0.00	0.02	0.00
20.54	2.00	0.00	0.00	0.02	0.00	20.56	2.00	0.00	0.00	0.02	0.00
20.58	2.00	0.00	0.00	0.02	0.00	20.60	2.00	0.00	0.00	0.02	0.00
20.62	2.00	0.00	0.00	0.02	0.00	20.64	2.00	0.00	0.00	0.02	0.00
20.66	2.00	0.00	0.00	0.02	0.00	20.68	2.00	0.00	0.00	0.02	0.00
20.70	2.00	0.00	0.00	0.02	0.00	20.72	2.00	0.00	0.00	0.02	0.00
20.74	2.00	0.00	0.00	0.02	0.00	20.76	2.00	0.00	0.00	0.02	0.00
20.78	2.00	0.00	0.00	0.02	0.00	20.80	2.00	0.00	0.00	0.02	0.00
20.82	2.00	0.00	0.00	0.02	0.00	20.84	2.00	0.00	0.00	0.02	0.00
20.86	2.00	0.00	0.00	0.02	0.00	20.88	2.00	0.00	0.00	0.02	0.00
20.90	2.00	0.00	0.00	0.02	0.00	20.92	2.00	0.00	0.00	0.02	0.00
20.94	2.00	0.00	0.00	0.02	0.00	20.96	2.00	0.00	0.00	0.02	0.00
20.98	2.00	0.00	0.00	0.02	0.00	21.00	2.00	0.00	0.00	0.02	0.00
21.02	2.00	0.00	0.00	0.02	0.00	21.04	2.00	0.00	0.00	0.02	0.00
21.06	2.00	0.00	0.00	0.02	0.00	21.08	2.00	0.00	0.00	0.02	0.00
21.10	2.00	0.00	0.00	0.02	0.00	21.12	2.00	0.00	0.00	0.02	0.00
21.14	2.00	0.00	0.00	0.02	0.00	21.16	2.00	0.00	0.00	0.02	0.00
21.18	2.00	0.00	0.00	0.02	0.00	21.20	2.00	0.00	0.00	0.02	0.00
21.22	2.00	0.00	0.00	0.02	0.00	21.24	2.00	0.00	0.00	0.02	0.00
21.26	2.00	0.00	0.00	0.02	0.00	21.28	2.00	0.00	0.00	0.02	0.00
21.30	2.00	0.00	0.00	0.02	0.00	21.32	2.00	0.00	0.00	0.02	0.00
21.34	2.00	0.00	0.00	0.02	0.00	21.36	2.00	0.00	0.00	0.02	0.00
21.38	2.00	0.00	0.00	0.02	0.00	21.40	2.00	0.00	0.00	0.02	0.00
21.42	2.00	0.00	0.00	0.02	0.00	21.44	2.00	0.00	0.00	0.02	0.00
21.46	2.00	0.00	0.00	0.02	0.00	21.48	2.00	0.00	0.00	0.02	0.00
21.50	2.00	0.00	0.00	0.02	0.00	21.52	2.00	0.00	0.00	0.02	0.00
21.54	2.00	0.00	0.00	0.02	0.00	21.56	2.00	0.00	0.00	0.02	0.00
21.58	2.00	0.00	0.00	0.02	0.00	21.60	2.00	0.00	0.00	0.02	0.00
21.62	2.00	0.00	0.00	0.02	0.00	21.64	2.00	0.00	0.00	0.02	0.00
21.66	2.00	0.00	0.00	0.02	0.00	21.68	2.00	0.00	0.00	0.02	0.00
21.70	2.00	0.00	0.00	0.02	0.00	21.72	2.00	0.00	0.00	0.02	0.00
21.74	2.00	0.00	0.00	0.02	0.00	21.76	2.00	0.00	0.00	0.02	0.00
21.78	2.00	0.00	0.00	0.02	0.00	21.80	2.00	0.00	0.00	0.02	0.00
21.82	2.00	0.00	0.00	0.02	0.00	21.84	2.00	0.00	0.00	0.02	0.00
21.86	2.00	0.00	0.00	0.02	0.00	21.88	2.00	0.00	0.00	0.02	0.00
21.90	2.00	0.00	0.00	0.02	0.00	21.92	2.00	0.00	0.00	0.02	0.00
21.94	2.00	0.00	0.00	0.02	0.00	21.96	2.00	0.00	0.00	0.02	0.00
21.98	2.00	0.00	0.00	0.02	0.00	22.00	2.00	0.00	0.00	0.02	0.00
22.02	2.00	0.00	0.00	0.02	0.00	22.04	2.00	0.00	0.00	0.02	0.00
22.06	2.00	0.00	0.00	0.02	0.00	22.08	2.00	0.00	0.00	0.02	0.00
22.10	2.00	0.00	0.00	0.02	0.00	22.12	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
22.14	2.00	0.00	0.00	0.02	0.00	22.16	2.00	0.00	0.00	0.02	0.00
22.18	2.00	0.00	0.00	0.02	0.00	22.20	2.00	0.00	0.00	0.02	0.00
22.22	2.00	0.00	0.00	0.02	0.00	22.24	2.00	0.00	0.00	0.02	0.00
22.26	2.00	0.00	0.00	0.02	0.00	22.28	2.00	0.00	0.00	0.02	0.00
22.30	2.00	0.00	0.00	0.02	0.00	22.32	2.00	0.00	0.00	0.02	0.00
22.34	2.00	0.00	0.00	0.02	0.00	22.36	2.00	0.00	0.00	0.02	0.00
22.38	2.00	0.00	0.00	0.02	0.00	22.40	2.00	0.00	0.00	0.02	0.00
22.42	2.00	0.00	0.00	0.02	0.00	22.44	2.00	0.00	0.00	0.02	0.00
22.46	2.00	0.00	0.00	0.02	0.00	22.48	2.00	0.00	0.00	0.02	0.00
22.50	2.00	0.00	0.00	0.02	0.00	22.52	2.00	0.00	0.00	0.02	0.00
22.54	2.00	0.00	0.00	0.02	0.00	22.56	2.00	0.00	0.00	0.02	0.00
22.58	2.00	0.00	0.00	0.02	0.00	22.60	2.00	0.00	0.00	0.02	0.00
22.62	2.00	0.00	0.00	0.02	0.00	22.64	2.00	0.00	0.00	0.02	0.00
22.66	2.00	0.00	0.00	0.02	0.00	22.68	2.00	0.00	0.00	0.02	0.00
22.70	2.00	0.00	0.00	0.02	0.00	22.72	2.00	0.00	0.00	0.02	0.00
22.74	2.00	0.00	0.00	0.02	0.00	22.76	2.00	0.00	0.00	0.02	0.00
22.78	2.00	0.00	0.00	0.02	0.00	22.80	2.00	0.00	0.00	0.02	0.00
22.82	2.00	0.00	0.00	0.02	0.00	22.84	2.00	0.00	0.00	0.02	0.00
22.86	2.00	0.00	0.00	0.02	0.00	22.88	2.00	0.00	0.00	0.02	0.00
22.90	2.00	0.00	0.00	0.02	0.00	22.92	2.00	0.00	0.00	0.02	0.00
22.94	2.00	0.00	0.00	0.02	0.00	22.96	2.00	0.00	0.00	0.02	0.00
22.98	2.00	0.00	0.00	0.02	0.00	23.00	2.00	0.00	0.00	0.02	0.00
23.02	2.00	0.00	0.00	0.02	0.00	23.04	2.00	0.00	0.00	0.02	0.00
23.06	2.00	0.00	0.00	0.02	0.00	23.08	2.00	0.00	0.00	0.02	0.00
23.10	2.00	0.00	0.00	0.02	0.00	23.12	2.00	0.00	0.00	0.02	0.00
23.14	2.00	0.00	0.00	0.02	0.00	23.16	2.00	0.00	0.00	0.02	0.00
23.18	2.00	0.00	0.00	0.02	0.00	23.20	2.00	0.00	0.00	0.02	0.00
23.22	2.00	0.00	0.00	0.02	0.00	23.24	2.00	0.00	0.00	0.02	0.00
23.26	2.00	0.00	0.00	0.02	0.00	23.28	2.00	0.00	0.00	0.02	0.00
23.30	2.00	0.00	0.00	0.02	0.00	23.32	2.00	0.00	0.00	0.02	0.00
23.34	2.00	0.00	0.00	0.02	0.00	23.36	2.00	0.00	0.00	0.02	0.00
23.38	2.00	0.00	0.00	0.02	0.00	23.40	2.00	0.00	0.00	0.02	0.00
23.42	2.00	0.00	0.00	0.02	0.00	23.44	2.00	0.00	0.00	0.02	0.00
23.46	2.00	0.00	0.00	0.02	0.00	23.48	2.00	0.00	0.00	0.02	0.00
23.50	2.00	0.00	0.00	0.02	0.00	23.52	2.00	0.00	0.00	0.02	0.00
23.54	2.00	0.00	0.00	0.02	0.00	23.56	2.00	0.00	0.00	0.02	0.00
23.58	2.00	0.00	0.00	0.02	0.00	23.60	2.00	0.00	0.00	0.02	0.00
23.62	2.00	0.00	0.00	0.02	0.00	23.64	2.00	0.00	0.00	0.02	0.00
23.66	2.00	0.00	0.00	0.02	0.00	23.68	2.00	0.00	0.00	0.02	0.00
23.70	2.00	0.00	0.00	0.02	0.00	23.72	2.00	0.00	0.00	0.02	0.00
23.74	2.00	0.00	0.00	0.02	0.00	23.76	2.00	0.00	0.00	0.02	0.00
23.78	2.00	0.00	0.00	0.02	0.00	23.80	2.00	0.00	0.00	0.02	0.00
23.82	2.00	0.00	0.00	0.02	0.00	23.84	2.00	0.00	0.00	0.02	0.00
23.86	2.00	0.00	0.00	0.02	0.00	23.88	2.00	0.00	0.00	0.02	0.00
23.90	2.00	0.00	0.00	0.02	0.00	23.92	2.00	0.00	0.00	0.02	0.00
23.94	2.00	0.00	0.00	0.02	0.00	23.96	2.00	0.00	0.00	0.02	0.00
23.98	2.00	0.00	0.00	0.02	0.00	24.00	2.00	0.00	0.00	0.02	0.00
24.02	2.00	0.00	0.00	0.02	0.00	24.04	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
24.06	2.00	0.00	0.00	0.02	0.00	24.08	2.00	0.00	0.00	0.02	0.00
24.10	2.00	0.00	0.00	0.02	0.00	24.12	2.00	0.00	0.00	0.02	0.00
24.14	2.00	0.00	0.00	0.02	0.00	24.16	2.00	0.00	0.00	0.02	0.00
24.18	2.00	0.00	0.00	0.02	0.00	24.20	2.00	0.00	0.00	0.02	0.00
24.22	2.00	0.00	0.00	0.02	0.00	24.24	2.00	0.00	0.00	0.02	0.00
24.26	2.00	0.00	0.00	0.02	0.00	24.28	2.00	0.00	0.00	0.02	0.00
24.30	2.00	0.00	0.00	0.02	0.00	24.32	2.00	0.00	0.00	0.02	0.00
24.34	2.00	0.00	0.00	0.02	0.00	24.36	2.00	0.00	0.00	0.02	0.00
24.38	2.00	0.00	0.00	0.02	0.00	24.40	2.00	0.00	0.00	0.02	0.00
24.42	2.00	0.00	0.00	0.02	0.00	24.44	2.00	0.00	0.00	0.02	0.00
24.46	2.00	0.00	0.00	0.02	0.00	24.48	2.00	0.00	0.00	0.02	0.00
24.50	2.00	0.00	0.00	0.02	0.00	24.52	2.00	0.00	0.00	0.02	0.00
24.54	2.00	0.00	0.00	0.02	0.00	24.56	2.00	0.00	0.00	0.02	0.00
24.58	2.00	0.00	0.00	0.02	0.00	24.60	2.00	0.00	0.00	0.02	0.00
24.62	2.00	0.00	0.00	0.02	0.00	24.64	2.00	0.00	0.00	0.02	0.00
24.66	2.00	0.00	0.00	0.02	0.00	24.68	2.00	0.00	0.00	0.02	0.00
24.70	2.00	0.00	0.00	0.02	0.00	24.72	2.00	0.00	0.00	0.02	0.00
24.74	2.00	0.00	0.00	0.02	0.00	24.76	2.00	0.00	0.00	0.02	0.00
24.78	2.00	0.00	0.00	0.02	0.00	24.80	2.00	0.00	0.00	0.02	0.00
24.82	2.00	0.00	0.00	0.02	0.00	24.84	2.00	0.00	0.00	0.02	0.00
24.86	2.00	0.00	0.00	0.02	0.00	24.88	2.00	0.00	0.00	0.02	0.00
24.90	2.00	0.00	0.00	0.02	0.00	24.92	2.00	0.00	0.00	0.02	0.00
24.94	2.00	0.00	0.00	0.02	0.00	24.96	2.00	0.00	0.00	0.02	0.00
24.98	2.00	0.00	0.00	0.02	0.00	25.00	2.00	0.00	0.00	0.02	0.00
25.02	2.00	0.00	0.00	0.02	0.00	25.04	2.00	0.00	0.00	0.02	0.00
25.06	2.00	0.00	0.00	0.02	0.00	25.08	2.00	0.00	0.00	0.02	0.00
25.10	2.00	0.00	0.00	0.02	0.00	25.12	2.00	0.00	0.00	0.02	0.00
25.14	2.00	0.00	0.00	0.02	0.00	25.16	2.00	0.00	0.00	0.02	0.00
25.18	2.00	0.00	0.00	0.02	0.00	25.20	2.00	0.00	0.00	0.02	0.00
25.22	2.00	0.00	0.00	0.02	0.00	25.24	2.00	0.00	0.00	0.02	0.00
25.26	2.00	0.00	0.00	0.02	0.00	25.28	2.00	0.00	0.00	0.02	0.00
25.30	2.00	0.00	0.00	0.02	0.00	25.32	2.00	0.00	0.00	0.02	0.00
25.34	2.00	0.00	0.00	0.02	0.00	25.36	2.00	0.00	0.00	0.02	0.00
25.38	2.00	0.00	0.00	0.02	0.00	25.40	2.00	0.00	0.00	0.02	0.00
25.42	2.00	0.00	0.00	0.02	0.00	25.44	2.00	0.00	0.00	0.02	0.00
25.46	2.00	0.00	0.00	0.02	0.00	25.48	2.00	0.00	0.00	0.02	0.00
25.50	2.00	0.00	0.00	0.02	0.00	25.52	2.00	0.00	0.00	0.02	0.00
25.54	0.96	0.00	0.00	0.02	0.00	25.56	1.47	0.00	0.00	0.02	0.00
25.58	1.79	0.00	0.00	0.02	0.00	25.60	2.00	0.00	0.00	0.02	0.00
25.62	2.00	0.00	0.00	0.02	0.00	25.64	1.81	0.00	0.00	0.02	0.00
25.66	1.48	0.00	0.00	0.02	0.00	25.68	1.23	0.00	0.00	0.02	0.00
25.70	1.05	0.00	0.00	0.02	0.00	25.72	0.87	0.00	0.00	0.02	0.00
25.74	0.84	0.00	0.00	0.02	0.00	25.76	0.92	0.00	0.00	0.02	0.00
25.78	0.97	0.00	0.00	0.02	0.00	25.80	1.00	0.00	0.00	0.02	0.00
25.82	0.97	0.00	0.00	0.02	0.00	25.84	0.98	0.00	0.00	0.02	0.00
25.86	1.04	0.00	0.00	0.02	0.00	25.88	1.15	0.00	0.00	0.02	0.00
25.90	1.32	0.00	0.00	0.02	0.00	25.92	1.66	0.00	0.00	0.02	0.00
25.94	2.00	0.00	0.00	0.02	0.00	25.96	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
25.98	2.00	0.00	0.00	0.02	0.00	26.00	2.00	0.00	0.00	0.02	0.00
26.02	2.00	0.00	0.00	0.02	0.00	26.04	2.00	0.00	0.00	0.02	0.00
26.06	2.00	0.00	0.00	0.02	0.00	26.08	2.00	0.00	0.00	0.02	0.00
26.10	1.67	0.00	0.00	0.02	0.00	26.12	1.49	0.00	0.00	0.02	0.00
26.14	1.62	0.00	0.00	0.02	0.00	26.16	1.04	0.00	0.00	0.02	0.00
26.18	1.12	0.00	0.00	0.02	0.00	26.20	1.59	0.00	0.00	0.02	0.00
26.22	1.34	0.00	0.00	0.02	0.00	26.24	1.20	0.00	0.00	0.02	0.00
26.26	1.18	0.00	0.00	0.02	0.00	26.28	1.25	0.00	0.00	0.02	0.00
26.30	1.35	0.00	0.00	0.02	0.00	26.32	1.46	0.00	0.00	0.02	0.00
26.34	1.60	0.00	0.00	0.02	0.00	26.36	1.72	0.00	0.00	0.02	0.00
26.38	1.74	0.00	0.00	0.02	0.00	26.40	1.77	0.00	0.00	0.02	0.00
26.42	1.74	0.00	0.00	0.02	0.00	26.44	1.64	0.00	0.00	0.02	0.00
26.46	1.56	0.00	0.00	0.02	0.00	26.48	1.47	0.00	0.00	0.02	0.00
26.50	1.72	0.00	0.00	0.02	0.00	26.52	1.36	0.00	0.00	0.02	0.00
26.54	1.85	0.00	0.00	0.02	0.00	26.56	1.73	0.00	0.00	0.02	0.00
26.58	1.53	0.00	0.00	0.02	0.00	26.60	1.39	0.00	0.00	0.02	0.00
26.62	1.36	0.00	0.00	0.02	0.00	26.64	1.45	0.00	0.00	0.02	0.00
26.66	1.42	0.00	0.00	0.02	0.00	26.68	1.27	0.00	0.00	0.02	0.00
26.70	1.14	0.00	0.00	0.02	0.00	26.72	0.95	0.00	0.00	0.02	0.00
26.74	0.82	0.00	0.00	0.02	0.00	26.76	2.00	0.00	0.00	0.02	0.00
26.78	2.00	0.00	0.00	0.02	0.00	26.80	2.00	0.00	0.00	0.02	0.00
26.82	2.00	0.00	0.00	0.02	0.00	26.84	2.00	0.00	0.00	0.02	0.00
26.86	2.00	0.00	0.00	0.02	0.00	26.88	2.00	0.00	0.00	0.02	0.00
26.90	2.00	0.00	0.00	0.02	0.00	26.92	2.00	0.00	0.00	0.02	0.00
26.94	2.00	0.00	0.00	0.02	0.00	26.96	2.00	0.00	0.00	0.02	0.00
26.98	2.00	0.00	0.00	0.02	0.00	27.00	2.00	0.00	0.00	0.02	0.00
27.02	2.00	0.00	0.00	0.02	0.00	27.04	2.00	0.00	0.00	0.02	0.00
27.06	2.00	0.00	0.00	0.02	0.00	27.08	2.00	0.00	0.00	0.02	0.00
27.10	2.00	0.00	0.00	0.02	0.00	27.12	2.00	0.00	0.00	0.02	0.00
27.14	2.00	0.00	0.00	0.02	0.00	27.16	2.00	0.00	0.00	0.02	0.00
27.18	2.00	0.00	0.00	0.02	0.00	27.20	2.00	0.00	0.00	0.02	0.00
27.22	2.00	0.00	0.00	0.02	0.00	27.24	2.00	0.00	0.00	0.02	0.00
27.26	2.00	0.00	0.00	0.02	0.00	27.28	2.00	0.00	0.00	0.02	0.00
27.30	2.00	0.00	0.00	0.02	0.00	27.32	2.00	0.00	0.00	0.02	0.00
27.34	2.00	0.00	0.00	0.02	0.00	27.36	2.00	0.00	0.00	0.02	0.00
27.38	2.00	0.00	0.00	0.02	0.00	27.40	2.00	0.00	0.00	0.02	0.00
27.42	2.00	0.00	0.00	0.02	0.00	27.44	2.00	0.00	0.00	0.02	0.00
27.46	2.00	0.00	0.00	0.02	0.00	27.48	2.00	0.00	0.00	0.02	0.00
27.50	2.00	0.00	0.00	0.02	0.00	27.52	2.00	0.00	0.00	0.02	0.00
27.54	2.00	0.00	0.00	0.02	0.00	27.56	2.00	0.00	0.00	0.02	0.00
27.58	2.00	0.00	0.00	0.02	0.00	27.60	2.00	0.00	0.00	0.02	0.00
27.62	2.00	0.00	0.00	0.02	0.00	27.64	2.00	0.00	0.00	0.02	0.00
27.66	2.00	0.00	0.00	0.02	0.00	27.68	2.00	0.00	0.00	0.02	0.00
27.70	2.00	0.00	0.00	0.02	0.00	27.72	2.00	0.00	0.00	0.02	0.00
27.74	2.00	0.00	0.00	0.02	0.00	27.76	2.00	0.00	0.00	0.02	0.00
27.78	2.00	0.00	0.00	0.02	0.00	27.80	2.00	0.00	0.00	0.02	0.00
27.82	2.00	0.00	0.00	0.02	0.00	27.84	2.00	0.00	0.00	0.02	0.00
27.86	2.00	0.00	0.00	0.02	0.00	27.88	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
27.90	2.00	0.00	0.00	0.02	0.00	27.92	2.00	0.00	0.00	0.02	0.00
27.94	2.00	0.00	0.00	0.02	0.00	27.96	2.00	0.00	0.00	0.02	0.00
27.98	2.00	0.00	0.00	0.02	0.00	28.00	2.00	0.00	0.00	0.02	0.00
28.02	2.00	0.00	0.00	0.02	0.00	28.04	2.00	0.00	0.00	0.02	0.00
28.06	2.00	0.00	0.00	0.02	0.00	28.08	2.00	0.00	0.00	0.02	0.00
28.10	2.00	0.00	0.00	0.02	0.00	28.12	2.00	0.00	0.00	0.02	0.00
28.14	2.00	0.00	0.00	0.02	0.00	28.16	2.00	0.00	0.00	0.02	0.00
28.18	2.00	0.00	0.00	0.02	0.00	28.20	2.00	0.00	0.00	0.02	0.00
28.22	2.00	0.00	0.00	0.02	0.00	28.24	2.00	0.00	0.00	0.02	0.00
28.26	2.00	0.00	0.00	0.02	0.00	28.28	2.00	0.00	0.00	0.02	0.00
28.30	2.00	0.00	0.00	0.02	0.00	28.32	2.00	0.00	0.00	0.02	0.00
28.34	2.00	0.00	0.00	0.02	0.00	28.36	2.00	0.00	0.00	0.02	0.00
28.38	2.00	0.00	0.00	0.02	0.00	28.40	2.00	0.00	0.00	0.02	0.00
28.42	2.00	0.00	0.00	0.02	0.00	28.44	2.00	0.00	0.00	0.02	0.00
28.46	2.00	0.00	0.00	0.02	0.00	28.48	2.00	0.00	0.00	0.02	0.00
28.50	2.00	0.00	0.00	0.02	0.00	28.52	2.00	0.00	0.00	0.02	0.00
28.54	2.00	0.00	0.00	0.02	0.00	28.56	2.00	0.00	0.00	0.02	0.00
28.58	2.00	0.00	0.00	0.02	0.00	28.60	2.00	0.00	0.00	0.02	0.00
28.62	2.00	0.00	0.00	0.02	0.00	28.64	2.00	0.00	0.00	0.02	0.00
28.66	2.00	0.00	0.00	0.02	0.00	28.68	2.00	0.00	0.00	0.02	0.00
28.70	2.00	0.00	0.00	0.02	0.00	28.72	2.00	0.00	0.00	0.02	0.00
28.74	2.00	0.00	0.00	0.02	0.00	28.76	2.00	0.00	0.00	0.02	0.00
28.78	2.00	0.00	0.00	0.02	0.00	28.80	2.00	0.00	0.00	0.02	0.00
28.82	2.00	0.00	0.00	0.02	0.00	28.84	2.00	0.00	0.00	0.02	0.00
28.86	2.00	0.00	0.00	0.02	0.00	28.88	2.00	0.00	0.00	0.02	0.00
28.90	2.00	0.00	0.00	0.02	0.00	28.92	2.00	0.00	0.00	0.02	0.00
28.94	2.00	0.00	0.00	0.02	0.00	28.96	2.00	0.00	0.00	0.02	0.00
28.98	2.00	0.00	0.00	0.02	0.00	29.00	2.00	0.00	0.00	0.02	0.00
29.02	2.00	0.00	0.00	0.02	0.00	29.04	2.00	0.00	0.00	0.02	0.00
29.06	2.00	0.00	0.00	0.02	0.00	29.08	2.00	0.00	0.00	0.02	0.00
29.10	2.00	0.00	0.00	0.02	0.00	29.12	2.00	0.00	0.00	0.02	0.00
29.14	2.00	0.00	0.00	0.02	0.00	29.16	2.00	0.00	0.00	0.02	0.00
29.18	2.00	0.00	0.00	0.02	0.00	29.20	2.00	0.00	0.00	0.02	0.00
29.22	2.00	0.00	0.00	0.02	0.00	29.24	2.00	0.00	0.00	0.02	0.00
29.26	2.00	0.00	0.00	0.02	0.00	29.28	2.00	0.00	0.00	0.02	0.00
29.30	2.00	0.00	0.00	0.02	0.00	29.32	2.00	0.00	0.00	0.02	0.00
29.34	2.00	0.00	0.00	0.02	0.00	29.36	2.00	0.00	0.00	0.02	0.00
29.38	2.00	0.00	0.00	0.02	0.00	29.40	2.00	0.00	0.00	0.02	0.00
29.42	2.00	0.00	0.00	0.02	0.00	29.44	2.00	0.00	0.00	0.02	0.00
29.46	2.00	0.00	0.00	0.02	0.00	29.48	2.00	0.00	0.00	0.02	0.00
29.50	2.00	0.00	0.00	0.02	0.00	29.52	2.00	0.00	0.00	0.02	0.00
29.54	2.00	0.00	0.00	0.02	0.00	29.56	2.00	0.00	0.00	0.02	0.00
29.58	2.00	0.00	0.00	0.02	0.00	29.60	2.00	0.00	0.00	0.02	0.00
29.62	2.00	0.00	0.00	0.02	0.00	29.64	2.00	0.00	0.00	0.02	0.00
29.66	2.00	0.00	0.00	0.02	0.00	29.68	2.00	0.00	0.00	0.02	0.00
29.70	2.00	0.00	0.00	0.02	0.00	29.72	2.00	0.00	0.00	0.02	0.00
29.74	2.00	0.00	0.00	0.02	0.00	29.76	2.00	0.00	0.00	0.02	0.00
29.78	2.00	0.00	0.00	0.02	0.00	29.80	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
29.82	2.00	0.00	0.00	0.02	0.00	29.84	2.00	0.00	0.00	0.02	0.00
29.86	2.00	0.00	0.00	0.02	0.00	29.88	2.00	0.00	0.00	0.02	0.00
29.90	2.00	0.00	0.00	0.02	0.00	29.92	2.00	0.00	0.00	0.02	0.00
29.94	2.00	0.00	0.00	0.02	0.00	29.96	2.00	0.00	0.00	0.02	0.00
29.98	2.00	0.00	0.00	0.02	0.00	30.00	2.00	0.00	0.00	0.02	0.00
30.02	2.00	0.00	0.00	0.02	0.00	30.04	2.00	0.00	0.00	0.02	0.00
30.06	2.00	0.00	0.00	0.02	0.00	30.08	2.00	0.00	0.00	0.02	0.00
30.10	2.00	0.00	0.00	0.02	0.00	30.12	2.00	0.00	0.00	0.02	0.00
30.14	2.00	0.00	0.00	0.02	0.00	30.16	2.00	0.00	0.00	0.02	0.00
30.18	2.00	0.00	0.00	0.02	0.00	30.20	2.00	0.00	0.00	0.02	0.00
30.22	2.00	0.00	0.00	0.02	0.00	30.24	2.00	0.00	0.00	0.02	0.00
30.26	2.00	0.00	0.00	0.02	0.00	30.28	2.00	0.00	0.00	0.02	0.00
30.30	2.00	0.00	0.00	0.02	0.00	30.32	2.00	0.00	0.00	0.02	0.00
30.34	2.00	0.00	0.00	0.02	0.00	30.36	2.00	0.00	0.00	0.02	0.00
30.38	2.00	0.00	0.00	0.02	0.00	30.40	2.00	0.00	0.00	0.02	0.00
30.42	2.00	0.00	0.00	0.02	0.00	30.44	2.00	0.00	0.00	0.02	0.00
30.46	2.00	0.00	0.00	0.02	0.00	30.48	2.00	0.00	0.00	0.02	0.00
30.50	2.00	0.00	0.00	0.02	0.00	30.52	2.00	0.00	0.00	0.02	0.00
30.54	2.00	0.00	0.00	0.02	0.00	30.56	2.00	0.00	0.00	0.02	0.00
30.58	2.00	0.00	0.00	0.02	0.00	30.60	2.00	0.00	0.00	0.02	0.00
30.62	2.00	0.00	0.00	0.02	0.00	30.64	2.00	0.00	0.00	0.02	0.00
30.66	2.00	0.00	0.00	0.02	0.00	30.68	2.00	0.00	0.00	0.02	0.00
30.70	2.00	0.00	0.00	0.02	0.00	30.72	2.00	0.00	0.00	0.02	0.00
30.74	2.00	0.00	0.00	0.02	0.00	30.76	2.00	0.00	0.00	0.02	0.00
30.78	2.00	0.00	0.00	0.02	0.00	30.80	2.00	0.00	0.00	0.02	0.00
30.82	2.00	0.00	0.00	0.02	0.00	30.84	2.00	0.00	0.00	0.02	0.00
30.86	2.00	0.00	0.00	0.02	0.00	30.88	2.00	0.00	0.00	0.02	0.00
30.90	2.00	0.00	0.00	0.02	0.00	30.92	2.00	0.00	0.00	0.02	0.00
30.94	2.00	0.00	0.00	0.02	0.00	30.96	2.00	0.00	0.00	0.02	0.00
30.98	2.00	0.00	0.00	0.02	0.00	31.00	2.00	0.00	0.00	0.02	0.00
31.02	2.00	0.00	0.00	0.02	0.00	31.04	2.00	0.00	0.00	0.02	0.00
31.06	2.00	0.00	0.00	0.02	0.00	31.08	2.00	0.00	0.00	0.02	0.00
31.10	2.00	0.00	0.00	0.02	0.00	31.12	2.00	0.00	0.00	0.02	0.00
31.14	2.00	0.00	0.00	0.02	0.00	31.16	2.00	0.00	0.00	0.02	0.00
31.18	2.00	0.00	0.00	0.02	0.00	31.20	2.00	0.00	0.00	0.02	0.00
31.22	2.00	0.00	0.00	0.02	0.00	31.24	2.00	0.00	0.00	0.02	0.00
31.26	2.00	0.00	0.00	0.02	0.00	31.28	2.00	0.00	0.00	0.02	0.00
31.30	2.00	0.00	0.00	0.02	0.00	31.32	2.00	0.00	0.00	0.02	0.00
31.34	2.00	0.00	0.00	0.02	0.00	31.36	2.00	0.00	0.00	0.02	0.00
31.38	2.00	0.00	0.00	0.02	0.00	31.40	2.00	0.00	0.00	0.02	0.00
31.42	2.00	0.00	0.00	0.02	0.00	31.44	2.00	0.00	0.00	0.02	0.00
31.46	2.00	0.00	0.00	0.02	0.00	31.48	2.00	0.00	0.00	0.02	0.00
31.50	2.00	0.00	0.00	0.02	0.00	31.52	2.00	0.00	0.00	0.02	0.00
31.54	2.00	0.00	0.00	0.02	0.00	31.56	2.00	0.00	0.00	0.02	0.00
31.58	2.00	0.00	0.00	0.02	0.00	31.60	2.00	0.00	0.00	0.02	0.00
31.62	2.00	0.00	0.00	0.02	0.00	31.64	2.00	0.00	0.00	0.02	0.00
31.66	2.00	0.00	0.00	0.02	0.00	31.68	2.00	0.00	0.00	0.02	0.00
31.70	2.00	0.00	0.00	0.02	0.00	31.72	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
31.74	2.00	0.00	0.00	0.02	0.00	31.76	2.00	0.00	0.00	0.02	0.00
31.78	2.00	0.00	0.00	0.02	0.00	31.80	2.00	0.00	0.00	0.02	0.00
31.82	2.00	0.00	0.00	0.02	0.00	31.84	2.00	0.00	0.00	0.02	0.00
31.86	2.00	0.00	0.00	0.02	0.00	31.88	2.00	0.00	0.00	0.02	0.00
31.90	2.00	0.00	0.00	0.02	0.00	31.92	2.00	0.00	0.00	0.02	0.00
31.94	2.00	0.00	0.00	0.02	0.00	31.96	2.00	0.00	0.00	0.02	0.00
31.98	2.00	0.00	0.00	0.02	0.00	32.00	2.00	0.00	0.00	0.02	0.00
32.02	2.00	0.00	0.00	0.02	0.00	32.04	2.00	0.00	0.00	0.02	0.00
32.06	2.00	0.00	0.00	0.02	0.00	32.08	2.00	0.00	0.00	0.02	0.00
32.10	2.00	0.00	0.00	0.02	0.00	32.12	2.00	0.00	0.00	0.02	0.00
32.14	2.00	0.00	0.00	0.02	0.00	32.16	2.00	0.00	0.00	0.02	0.00
32.18	2.00	0.00	0.00	0.02	0.00	32.20	2.00	0.00	0.00	0.02	0.00
32.22	2.00	0.00	0.00	0.02	0.00	32.24	2.00	0.00	0.00	0.02	0.00
32.26	2.00	0.00	0.00	0.02	0.00	32.28	2.00	0.00	0.00	0.02	0.00
32.30	2.00	0.00	0.00	0.02	0.00	32.32	2.00	0.00	0.00	0.02	0.00
32.34	2.00	0.00	0.00	0.02	0.00	32.36	2.00	0.00	0.00	0.02	0.00
32.38	2.00	0.00	0.00	0.02	0.00	32.40	2.00	0.00	0.00	0.02	0.00
32.42	2.00	0.00	0.00	0.02	0.00	32.44	2.00	0.00	0.00	0.02	0.00
32.46	2.00	0.00	0.00	0.02	0.00	32.48	2.00	0.00	0.00	0.02	0.00
32.50	2.00	0.00	0.00	0.02	0.00	32.52	2.00	0.00	0.00	0.02	0.00
32.54	2.00	0.00	0.00	0.02	0.00	32.56	2.00	0.00	0.00	0.02	0.00
32.58	2.00	0.00	0.00	0.02	0.00	32.60	2.00	0.00	0.00	0.02	0.00
32.62	2.00	0.00	0.00	0.02	0.00	32.64	2.00	0.00	0.00	0.02	0.00
32.66	2.00	0.00	0.00	0.02	0.00	32.68	2.00	0.00	0.00	0.02	0.00
32.70	0.94	0.00	0.00	0.02	0.00	32.72	1.19	0.00	0.00	0.02	0.00
32.74	1.50	0.00	0.00	0.02	0.00	32.76	1.89	0.00	0.00	0.02	0.00
32.78	2.00	0.00	0.00	0.02	0.00	32.80	2.00	0.00	0.00	0.02	0.00
32.82	1.82	0.00	0.00	0.02	0.00	32.84	1.74	0.00	0.00	0.02	0.00
32.86	1.75	0.00	0.00	0.02	0.00	32.88	1.83	0.00	0.00	0.02	0.00
32.90	1.81	0.00	0.00	0.02	0.00	32.92	1.62	0.00	0.00	0.02	0.00
32.94	1.44	0.00	0.00	0.02	0.00	32.96	1.27	0.00	0.00	0.02	0.00
32.98	1.08	0.00	0.00	0.02	0.00	33.00	0.92	0.00	0.00	0.02	0.00
33.02	0.82	0.00	0.00	0.02	0.00	33.04	2.00	0.00	0.00	0.02	0.00
33.06	2.00	0.00	0.00	0.02	0.00	33.08	2.00	0.00	0.00	0.02	0.00
33.10	2.00	0.00	0.00	0.02	0.00	33.12	2.00	0.00	0.00	0.02	0.00
33.14	2.00	0.00	0.00	0.02	0.00	33.16	2.00	0.00	0.00	0.02	0.00
33.18	2.00	0.00	0.00	0.02	0.00	33.20	2.00	0.00	0.00	0.02	0.00
33.22	2.00	0.00	0.00	0.02	0.00	33.24	2.00	0.00	0.00	0.02	0.00
33.26	2.00	0.00	0.00	0.02	0.00	33.28	2.00	0.00	0.00	0.02	0.00
33.30	2.00	0.00	0.00	0.02	0.00	33.32	2.00	0.00	0.00	0.02	0.00
33.34	2.00	0.00	0.00	0.02	0.00	33.36	2.00	0.00	0.00	0.02	0.00
33.38	2.00	0.00	0.00	0.02	0.00	33.40	2.00	0.00	0.00	0.02	0.00
33.42	2.00	0.00	0.00	0.02	0.00	33.44	2.00	0.00	0.00	0.02	0.00
33.46	2.00	0.00	0.00	0.02	0.00	33.48	2.00	0.00	0.00	0.02	0.00
33.50	2.00	0.00	0.00	0.02	0.00	33.52	2.00	0.00	0.00	0.02	0.00
33.54	2.00	0.00	0.00	0.02	0.00	33.56	2.00	0.00	0.00	0.02	0.00
33.58	2.00	0.00	0.00	0.02	0.00	33.60	2.00	0.00	0.00	0.02	0.00
33.62	2.00	0.00	0.00	0.02	0.00	33.64	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
33.66	2.00	0.00	0.00	0.02	0.00	33.68	2.00	0.00	0.00	0.02	0.00
33.70	2.00	0.00	0.00	0.02	0.00	33.72	2.00	0.00	0.00	0.02	0.00
33.74	2.00	0.00	0.00	0.02	0.00	33.76	2.00	0.00	0.00	0.02	0.00
33.78	2.00	0.00	0.00	0.02	0.00	33.80	2.00	0.00	0.00	0.02	0.00
33.82	2.00	0.00	0.00	0.02	0.00	33.84	2.00	0.00	0.00	0.02	0.00
33.86	2.00	0.00	0.00	0.02	0.00	33.88	2.00	0.00	0.00	0.02	0.00
33.90	2.00	0.00	0.00	0.02	0.00	33.92	2.00	0.00	0.00	0.02	0.00
33.94	2.00	0.00	0.00	0.02	0.00	33.96	2.00	0.00	0.00	0.02	0.00
33.98	2.00	0.00	0.00	0.02	0.00	34.00	2.00	0.00	0.00	0.02	0.00
34.02	2.00	0.00	0.00	0.02	0.00	34.04	2.00	0.00	0.00	0.02	0.00
34.06	2.00	0.00	0.00	0.02	0.00	34.08	2.00	0.00	0.00	0.02	0.00
34.10	2.00	0.00	0.00	0.02	0.00	34.12	2.00	0.00	0.00	0.02	0.00
34.14	2.00	0.00	0.00	0.02	0.00	34.16	2.00	0.00	0.00	0.02	0.00
34.18	2.00	0.00	0.00	0.02	0.00	34.20	2.00	0.00	0.00	0.02	0.00
34.22	2.00	0.00	0.00	0.02	0.00	34.24	2.00	0.00	0.00	0.02	0.00
34.26	2.00	0.00	0.00	0.02	0.00	34.28	2.00	0.00	0.00	0.02	0.00
34.30	2.00	0.00	0.00	0.02	0.00	34.32	2.00	0.00	0.00	0.02	0.00
34.34	2.00	0.00	0.00	0.02	0.00	34.36	2.00	0.00	0.00	0.02	0.00
34.38	2.00	0.00	0.00	0.02	0.00	34.40	2.00	0.00	0.00	0.02	0.00
34.42	2.00	0.00	0.00	0.02	0.00	34.44	2.00	0.00	0.00	0.02	0.00
34.46	2.00	0.00	0.00	0.02	0.00	34.48	2.00	0.00	0.00	0.02	0.00
34.50	2.00	0.00	0.00	0.02	0.00	34.52	2.00	0.00	0.00	0.02	0.00
34.54	2.00	0.00	0.00	0.02	0.00	34.56	2.00	0.00	0.00	0.02	0.00
34.58	2.00	0.00	0.00	0.02	0.00	34.60	2.00	0.00	0.00	0.02	0.00
34.62	2.00	0.00	0.00	0.02	0.00	34.64	2.00	0.00	0.00	0.02	0.00
34.66	2.00	0.00	0.00	0.02	0.00	34.68	2.00	0.00	0.00	0.02	0.00
34.70	2.00	0.00	0.00	0.02	0.00	34.72	2.00	0.00	0.00	0.02	0.00
34.74	2.00	0.00	0.00	0.02	0.00	34.76	2.00	0.00	0.00	0.02	0.00
34.78	2.00	0.00	0.00	0.02	0.00	34.80	2.00	0.00	0.00	0.02	0.00
34.82	2.00	0.00	0.00	0.02	0.00	34.84	2.00	0.00	0.00	0.02	0.00
34.86	2.00	0.00	0.00	0.02	0.00	34.88	2.00	0.00	0.00	0.02	0.00
34.90	2.00	0.00	0.00	0.02	0.00	34.92	2.00	0.00	0.00	0.02	0.00
34.94	2.00	0.00	0.00	0.02	0.00	34.96	2.00	0.00	0.00	0.02	0.00
34.98	2.00	0.00	0.00	0.02	0.00	35.00	2.00	0.00	0.00	0.02	0.00
35.02	2.00	0.00	0.00	0.02	0.00	35.04	2.00	0.00	0.00	0.02	0.00
35.06	2.00	0.00	0.00	0.02	0.00	35.08	2.00	0.00	0.00	0.02	0.00
35.10	2.00	0.00	0.00	0.02	0.00	35.12	2.00	0.00	0.00	0.02	0.00
35.14	2.00	0.00	0.00	0.02	0.00	35.16	2.00	0.00	0.00	0.02	0.00
35.18	2.00	0.00	0.00	0.02	0.00	35.20	2.00	0.00	0.00	0.02	0.00
35.22	2.00	0.00	0.00	0.02	0.00	35.24	2.00	0.00	0.00	0.02	0.00
35.26	2.00	0.00	0.00	0.02	0.00	35.28	2.00	0.00	0.00	0.02	0.00
35.30	2.00	0.00	0.00	0.02	0.00	35.32	2.00	0.00	0.00	0.02	0.00
35.34	2.00	0.00	0.00	0.02	0.00	35.36	2.00	0.00	0.00	0.02	0.00
35.38	2.00	0.00	0.00	0.02	0.00	35.40	2.00	0.00	0.00	0.02	0.00
35.42	2.00	0.00	0.00	0.02	0.00	35.44	2.00	0.00	0.00	0.02	0.00
35.46	2.00	0.00	0.00	0.02	0.00	35.48	2.00	0.00	0.00	0.02	0.00
35.50	2.00	0.00	0.00	0.02	0.00	35.52	2.00	0.00	0.00	0.02	0.00
35.54	2.00	0.00	0.00	0.02	0.00	35.56	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
35.58	2.00	0.00	0.00	0.02	0.00	35.60	2.00	0.00	0.00	0.02	0.00
35.62	2.00	0.00	0.00	0.02	0.00	35.64	2.00	0.00	0.00	0.02	0.00
35.66	2.00	0.00	0.00	0.02	0.00	35.68	2.00	0.00	0.00	0.02	0.00
35.70	2.00	0.00	0.00	0.02	0.00	35.72	2.00	0.00	0.00	0.02	0.00
35.74	2.00	0.00	0.00	0.02	0.00	35.76	2.00	0.00	0.00	0.02	0.00
35.78	2.00	0.00	0.00	0.02	0.00	35.80	2.00	0.00	0.00	0.02	0.00
35.82	2.00	0.00	0.00	0.02	0.00	35.84	2.00	0.00	0.00	0.02	0.00
35.86	2.00	0.00	0.00	0.02	0.00	35.88	2.00	0.00	0.00	0.02	0.00
35.90	2.00	0.00	0.00	0.02	0.00	35.92	2.00	0.00	0.00	0.02	0.00
35.94	2.00	0.00	0.00	0.02	0.00	35.96	2.00	0.00	0.00	0.02	0.00
35.98	2.00	0.00	0.00	0.02	0.00	36.00	2.00	0.00	0.00	0.02	0.00
36.02	2.00	0.00	0.00	0.02	0.00	36.04	2.00	0.00	0.00	0.02	0.00
36.06	2.00	0.00	0.00	0.02	0.00	36.08	2.00	0.00	0.00	0.02	0.00
36.10	2.00	0.00	0.00	0.02	0.00	36.12	2.00	0.00	0.00	0.02	0.00
36.14	2.00	0.00	0.00	0.02	0.00	36.16	2.00	0.00	0.00	0.02	0.00
36.18	2.00	0.00	0.00	0.02	0.00	36.20	2.00	0.00	0.00	0.02	0.00
36.22	2.00	0.00	0.00	0.02	0.00	36.24	2.00	0.00	0.00	0.02	0.00

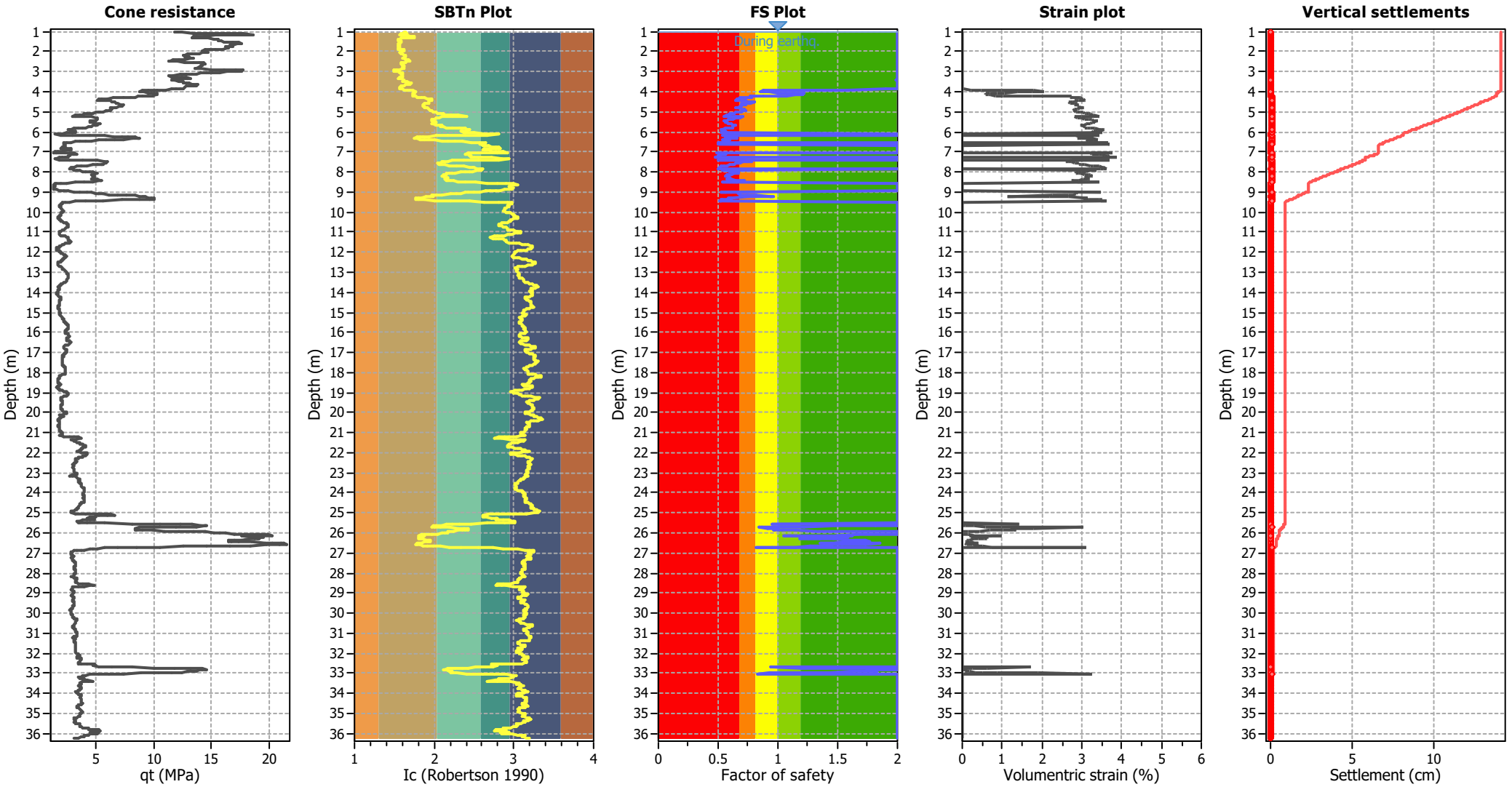
Overall liquefaction potential: 10.60

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.02	191.94	2.00	0.00	1.00	0.00	1.04	209.59	2.00	0.00	1.00	0.00
1.06	218.02	2.00	0.00	1.00	0.00	1.08	228.11	2.00	0.00	1.00	0.00
1.10	242.60	2.00	0.00	1.00	0.00	1.12	270.02	2.00	0.00	1.00	0.00
1.14	292.17	2.00	0.00	1.00	0.00	1.16	276.39	2.00	0.00	1.00	0.00
1.18	250.83	2.00	0.00	1.00	0.00	1.20	235.48	2.00	0.00	1.00	0.00
1.22	223.96	2.00	0.00	1.00	0.00	1.24	216.15	2.00	0.00	1.00	0.00
1.26	212.57	2.00	0.00	1.00	0.00	1.28	211.79	2.00	0.00	1.00	0.00
1.30	211.35	2.00	0.00	1.00	0.00	1.32	218.97	2.00	0.00	1.00	0.00
1.34	227.61	2.00	0.00	1.00	0.00	1.36	232.32	2.00	0.00	1.00	0.00
1.38	234.22	2.00	0.00	1.00	0.00	1.40	234.85	2.00	0.00	1.00	0.00
1.42	235.90	2.00	0.00	1.00	0.00	1.44	235.29	2.00	0.00	1.00	0.00
1.46	235.20	2.00	0.00	1.00	0.00	1.48	236.04	2.00	0.00	1.00	0.00
1.50	237.92	2.00	0.00	1.00	0.00	1.52	238.78	2.00	0.00	1.00	0.00
1.54	244.35	2.00	0.00	1.00	0.00	1.56	250.78	2.00	0.00	1.00	0.00
1.58	253.30	2.00	0.00	1.00	0.00	1.60	252.80	2.00	0.00	1.00	0.00
1.62	248.71	2.00	0.00	1.00	0.00	1.64	242.23	2.00	0.00	1.00	0.00
1.66	238.65	2.00	0.00	1.00	0.00	1.68	237.17	2.00	0.00	1.00	0.00
1.70	242.28	2.00	0.00	1.00	0.00	1.72	243.64	2.00	0.00	1.00	0.00
1.74	238.02	2.00	0.00	1.00	0.00	1.76	234.47	2.00	0.00	1.00	0.00
1.78	233.27	2.00	0.00	1.00	0.00	1.80	235.40	2.00	0.00	1.00	0.00
1.82	235.79	2.00	0.00	1.00	0.00	1.84	236.53	2.00	0.00	1.00	0.00
1.86	230.68	2.00	0.00	1.00	0.00	1.88	223.69	2.00	0.00	1.00	0.00
1.90	216.96	2.00	0.00	1.00	0.00	1.92	212.20	2.00	0.00	1.00	0.00
1.94	209.42	2.00	0.00	1.00	0.00	1.96	210.29	2.00	0.00	1.00	0.00
1.98	211.27	2.00	0.00	1.00	0.00	2.00	213.03	2.00	0.00	1.00	0.00
2.02	215.10	2.00	0.00	1.00	0.00	2.04	212.46	2.00	0.00	1.00	0.00
2.06	208.16	2.00	0.00	1.00	0.00	2.08	203.84	2.00	0.00	1.00	0.00
2.10	200.62	2.00	0.00	1.00	0.00	2.12	197.38	2.00	0.00	1.00	0.00
2.14	192.21	2.00	0.00	1.00	0.00	2.16	187.33	2.00	0.00	1.00	0.00
2.18	187.94	2.00	0.00	1.00	0.00	2.20	189.00	2.00	0.00	1.00	0.00
2.22	188.01	2.00	0.00	1.00	0.00	2.24	188.15	2.00	0.00	1.00	0.00
2.26	191.48	2.00	0.00	1.00	0.00	2.28	192.07	2.00	0.00	1.00	0.00
2.30	190.86	2.00	0.00	1.00	0.00	2.32	195.84	2.00	0.00	1.00	0.00
2.34	196.09	2.00	0.00	1.00	0.00	2.36	192.09	2.00	0.00	1.00	0.00
2.38	185.47	2.00	0.00	1.00	0.00	2.40	179.01	2.00	0.00	1.00	0.00
2.42	174.33	2.00	0.00	1.00	0.00	2.44	170.10	2.00	0.00	1.00	0.00
2.46	167.95	2.00	0.00	1.00	0.00	2.48	169.19	2.00	0.00	1.00	0.00
2.50	176.54	2.00	0.00	1.00	0.00	2.52	184.24	2.00	0.00	1.00	0.00
2.54	192.15	2.00	0.00	1.00	0.00	2.56	199.06	2.00	0.00	1.00	0.00
2.58	201.63	2.00	0.00	1.00	0.00	2.60	202.98	2.00	0.00	1.00	0.00
2.62	202.03	2.00	0.00	1.00	0.00	2.64	200.98	2.00	0.00	1.00	0.00
2.66	198.93	2.00	0.00	1.00	0.00	2.68	196.89	2.00	0.00	1.00	0.00
2.70	195.83	2.00	0.00	1.00	0.00	2.72	195.99	2.00	0.00	1.00	0.00
2.74	195.92	2.00	0.00	1.00	0.00	2.76	196.08	2.00	0.00	1.00	0.00
2.78	194.81	2.00	0.00	1.00	0.00	2.80	191.56	2.00	0.00	1.00	0.00
2.82	188.30	2.00	0.00	1.00	0.00	2.84	188.91	2.00	0.00	1.00	0.00
2.86	192.94	2.00	0.00	1.00	0.00	2.88	201.29	2.00	0.00	1.00	0.00
2.90	215.46	2.00	0.00	1.00	0.00	2.92	228.73	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.94	234.04	2.00	0.00	1.00	0.00	2.96	230.94	2.00	0.00	1.00	0.00
2.98	224.81	2.00	0.00	1.00	0.00	3.00	217.87	2.00	0.00	1.00	0.00
3.02	208.84	2.00	0.00	1.00	0.00	3.04	201.92	2.00	0.00	1.00	0.00
3.06	196.25	2.00	0.00	1.00	0.00	3.08	192.29	2.00	0.00	1.00	0.00
3.10	187.21	2.00	0.00	1.00	0.00	3.12	183.88	2.00	0.00	1.00	0.00
3.14	178.54	2.00	0.00	1.00	0.00	3.16	169.79	2.00	0.00	1.00	0.00
3.18	162.59	2.00	0.00	1.00	0.00	3.20	159.31	2.00	0.00	1.00	0.00
3.22	157.15	2.00	0.00	1.00	0.00	3.24	159.55	2.00	0.00	1.00	0.00
3.26	166.78	2.00	0.00	1.00	0.00	3.28	166.56	2.00	0.00	1.00	0.00
3.30	177.44	2.00	0.00	1.00	0.00	3.32	179.09	2.00	0.00	1.00	0.00
3.34	179.52	2.00	0.00	1.00	0.00	3.36	178.42	2.00	0.00	1.00	0.00
3.38	170.48	2.00	0.00	1.00	0.00	3.40	159.84	2.00	0.00	1.00	0.00
3.42	156.91	1.99	0.00	1.00	0.00	3.44	161.89	2.00	0.00	1.00	0.00
3.46	167.49	2.00	0.00	1.00	0.00	3.48	169.50	2.00	0.00	1.00	0.00
3.50	170.49	2.00	0.00	1.00	0.00	3.52	169.83	2.00	0.00	1.00	0.00
3.54	169.05	2.00	0.00	1.00	0.00	3.56	171.47	2.00	0.00	1.00	0.00
3.58	175.09	2.00	0.00	1.00	0.00	3.60	176.83	2.00	0.00	1.00	0.00
3.62	178.02	2.00	0.00	1.00	0.00	3.64	180.40	2.00	0.00	1.00	0.00
3.66	182.56	2.00	0.00	1.00	0.00	3.68	181.37	2.00	0.00	1.00	0.00
3.70	177.68	2.00	0.00	1.00	0.00	3.72	173.21	2.00	0.00	1.00	0.00
3.74	169.82	2.00	0.00	1.00	0.00	3.76	168.73	2.00	0.00	1.00	0.00
3.78	168.20	2.00	0.00	1.00	0.00	3.80	168.76	2.00	0.00	1.00	0.00
3.82	166.80	2.00	0.00	1.00	0.00	3.84	162.51	2.00	0.00	1.00	0.00
3.86	159.76	2.00	0.00	1.00	0.00	3.88	156.00	1.90	0.04	1.00	0.00
3.90	149.63	1.58	0.22	1.00	0.00	3.92	141.61	1.29	0.48	1.00	0.01
3.94	130.83	1.02	1.00	1.00	0.02	3.96	122.94	0.88	1.78	1.00	0.04
3.98	121.27	0.85	2.06	1.00	0.04	4.00	123.22	0.88	1.75	1.00	0.03
4.02	126.05	0.93	1.41	1.00	0.03	4.04	130.16	1.00	1.06	1.00	0.02
4.06	132.87	1.06	0.89	1.00	0.02	4.08	136.47	1.14	0.70	1.00	0.01
4.10	139.48	1.22	0.57	1.00	0.01	4.12	139.18	1.21	0.58	1.00	0.01
4.14	137.63	1.17	0.65	1.00	0.01	4.16	136.87	1.15	0.69	1.00	0.01
4.18	134.07	1.08	0.83	1.00	0.02	4.20	130.91	1.01	1.03	1.00	0.02
4.22	123.60	0.88	1.77	1.00	0.04	4.24	115.83	0.77	2.76	1.00	0.06
4.26	116.44	0.77	2.74	1.00	0.05	4.28	117.20	0.78	2.72	1.00	0.05
4.30	107.55	0.68	2.98	1.00	0.06	4.32	108.58	0.69	2.95	1.00	0.06
4.34	107.04	0.67	3.00	1.00	0.06	4.36	106.46	0.67	3.01	1.00	0.06
4.38	105.08	0.65	3.05	1.00	0.06	4.40	104.56	0.65	3.07	1.00	0.06
4.42	104.88	0.65	3.06	1.00	0.06	4.44	109.11	0.69	2.94	1.00	0.06
4.46	113.41	0.73	2.82	1.00	0.06	4.48	114.03	0.74	2.80	1.00	0.06
4.50	115.20	0.75	2.77	1.00	0.06	4.52	117.47	0.78	2.72	1.00	0.05
4.54	119.51	0.80	2.67	1.00	0.05	4.56	117.23	0.77	2.72	1.00	0.05
4.58	114.04	0.74	2.80	1.00	0.06	4.60	110.61	0.70	2.89	1.00	0.06
4.62	110.35	0.69	2.90	1.00	0.06	4.64	113.36	0.73	2.82	1.00	0.06
4.66	113.69	0.73	2.81	1.00	0.06	4.68	111.05	0.70	2.88	1.00	0.06
4.70	111.13	0.70	2.88	1.00	0.06	4.72	110.36	0.69	2.90	1.00	0.06
4.74	109.53	0.68	2.92	1.00	0.06	4.76	107.78	0.67	2.97	1.00	0.06
4.78	105.49	0.65	3.04	1.00	0.06	4.80	105.81	0.65	3.03	1.00	0.06
4.82	108.43	0.67	2.96	1.00	0.06	4.84	111.06	0.70	2.88	1.00	0.06

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.86	113.02	0.72	2.83	1.00	0.06	4.88	113.86	0.72	2.81	1.00	0.06
4.90	113.99	0.73	2.80	1.00	0.06	4.92	114.56	0.73	2.79	1.00	0.06
4.94	114.19	0.73	2.80	1.00	0.06	4.96	112.92	0.71	2.83	1.00	0.06
4.98	111.46	0.70	2.87	1.00	0.06	5.00	110.16	0.68	2.91	1.00	0.06
5.02	108.23	0.66	2.96	1.00	0.06	5.04	106.17	0.65	3.02	1.00	0.06
5.06	104.41	0.63	3.07	1.00	0.06	5.08	103.52	0.62	3.10	1.00	0.06
5.10	101.24	0.60	3.17	1.00	0.06	5.12	99.92	0.59	3.22	1.00	0.06
5.14	98.81	0.59	3.25	1.00	0.07	5.16	100.93	0.60	3.18	1.00	0.06
5.18	97.56	0.58	3.29	1.00	0.07	5.20	93.32	0.55	3.45	1.00	0.07
5.22	94.21	0.55	3.41	1.00	0.07	5.24	106.52	0.64	3.01	1.00	0.06
5.26	113.11	0.71	2.83	1.00	0.06	5.28	110.61	0.68	2.89	1.00	0.06
5.30	107.91	0.66	2.97	1.00	0.06	5.32	108.47	0.66	2.95	1.00	0.06
5.34	106.32	0.64	3.02	1.00	0.06	5.36	104.59	0.63	3.07	1.00	0.06
5.38	101.32	0.60	3.17	1.00	0.06	5.40	98.89	0.58	3.25	1.00	0.06
5.42	97.64	0.57	3.29	1.00	0.07	5.44	96.31	0.56	3.34	1.00	0.07
5.46	94.95	0.55	3.39	1.00	0.07	5.48	95.59	0.56	3.36	1.00	0.07
5.50	97.27	0.57	3.30	1.00	0.07	5.52	96.95	0.57	3.32	1.00	0.07
5.54	98.46	0.58	3.26	1.00	0.07	5.56	100.23	0.59	3.21	1.00	0.06
5.58	103.48	0.61	3.10	1.00	0.06	5.60	102.97	0.61	3.12	1.00	0.06
5.62	103.71	0.61	3.10	1.00	0.06	5.64	105.02	0.62	3.06	1.00	0.06
5.66	106.09	0.63	3.02	1.00	0.06	5.68	107.81	0.65	2.97	1.00	0.06
5.70	106.64	0.64	3.01	1.00	0.06	5.72	104.30	0.62	3.08	1.00	0.06
5.74	104.43	0.62	3.07	1.00	0.06	5.76	104.50	0.62	3.07	1.00	0.06
5.78	104.93	0.62	3.06	1.00	0.06	5.80	102.24	0.60	3.14	1.00	0.06
5.82	99.29	0.58	3.24	1.00	0.06	5.84	96.49	0.56	3.33	1.00	0.07
5.86	93.32	0.54	3.45	1.00	0.07	5.88	91.19	0.53	3.53	1.00	0.07
5.90	90.42	0.52	3.56	1.00	0.07	5.92	90.86	0.52	3.54	1.00	0.07
5.94	92.27	0.53	3.49	1.00	0.07	5.96	94.88	0.55	3.39	1.00	0.07
5.98	97.16	0.56	3.31	1.00	0.07	6.00	98.90	0.57	3.25	1.00	0.06
6.02	98.84	0.57	3.25	1.00	0.07	6.04	96.17	0.55	3.34	1.00	0.07
6.06	91.18	0.52	3.53	1.00	0.07	6.08	25.90	2.00	0.00	1.00	0.00
6.10	21.13	2.00	0.00	1.00	0.00	6.12	17.44	2.00	0.00	1.00	0.00
6.14	19.03	2.00	0.00	1.00	0.00	6.16	93.56	0.54	3.44	1.00	0.07
6.18	109.91	0.66	2.91	1.00	0.06	6.20	111.72	0.68	2.86	1.00	0.06
6.22	108.63	0.65	2.95	1.00	0.06	6.24	102.90	0.60	3.12	1.00	0.06
6.26	103.08	0.60	3.11	1.00	0.06	6.28	98.05	0.56	3.28	1.00	0.07
6.30	110.15	0.66	2.91	1.00	0.06	6.32	106.84	0.63	3.00	1.00	0.06
6.34	99.00	0.57	3.25	1.00	0.06	6.36	94.25	0.54	3.41	1.00	0.07
6.38	97.67	0.56	3.29	1.00	0.07	6.40	100.44	0.58	3.20	1.00	0.06
6.42	103.17	0.60	3.11	1.00	0.06	6.44	101.42	0.59	3.17	1.00	0.06
6.46	98.78	0.57	3.25	1.00	0.07	6.48	98.63	0.57	3.26	1.00	0.07
6.50	97.17	0.56	3.31	1.00	0.07	6.52	94.06	0.54	3.42	1.00	0.07
6.54	87.80	0.50	3.66	1.00	0.07	6.56	25.00	2.00	0.00	1.00	0.00
6.58	25.44	2.00	0.00	1.00	0.00	6.60	87.42	0.50	3.68	1.00	0.07
6.62	88.08	0.50	3.65	1.00	0.07	6.64	86.61	0.49	3.71	1.00	0.07
6.66	26.72	2.00	0.00	1.00	0.00	6.68	27.73	2.00	0.00	1.00	0.00
6.70	28.38	2.00	0.00	1.00	0.00	6.72	28.68	2.00	0.00	1.00	0.00
6.74	27.94	2.00	0.00	1.00	0.00	6.76	26.86	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.78	25.20	2.00	0.00	1.00	0.00	6.80	23.78	2.00	0.00	1.00	0.00
6.82	24.45	2.00	0.00	1.00	0.00	6.84	29.26	2.00	0.00	1.00	0.00
6.86	36.29	2.00	0.00	1.00	0.00	6.88	35.80	2.00	0.00	1.00	0.00
6.90	31.22	2.00	0.00	1.00	0.00	6.92	28.55	2.00	0.00	1.00	0.00
6.94	25.31	2.00	0.00	1.00	0.00	6.96	22.86	2.00	0.00	1.00	0.00
6.98	21.56	2.00	0.00	1.00	0.00	7.00	17.84	2.00	0.00	1.00	0.00
7.02	15.37	2.00	0.00	1.00	0.00	7.04	15.37	2.00	0.00	1.00	0.00
7.06	85.04	0.49	3.78	1.00	0.08	7.08	99.53	0.57	3.23	1.00	0.06
7.10	98.47	0.56	3.26	1.00	0.07	7.12	93.50	0.53	3.44	1.00	0.07
7.14	91.48	0.52	3.52	1.00	0.07	7.16	89.67	0.51	3.59	1.00	0.07
7.18	88.02	0.50	3.65	1.00	0.07	7.20	88.03	0.50	3.65	1.00	0.07
7.22	87.73	0.50	3.66	1.00	0.07	7.24	86.88	0.49	3.70	1.00	0.07
7.26	87.80	0.50	3.66	1.00	0.07	7.28	82.76	0.47	3.88	1.00	0.08
7.30	20.84	2.00	0.00	1.00	0.00	7.32	18.30	2.00	0.00	1.00	0.00
7.34	16.56	2.00	0.00	1.00	0.00	7.36	15.29	2.00	0.00	1.00	0.00
7.38	18.70	2.00	0.00	1.00	0.00	7.40	87.18	0.49	3.69	1.00	0.07
7.42	103.95	0.60	3.09	1.00	0.06	7.44	117.05	0.72	2.73	1.00	0.05
7.46	121.95	0.78	2.61	1.00	0.05	7.48	119.18	0.75	2.67	1.00	0.05
7.50	116.18	0.71	2.75	1.00	0.05	7.52	113.36	0.68	2.82	1.00	0.06
7.54	112.63	0.67	2.84	1.00	0.06	7.56	111.57	0.66	2.87	1.00	0.06
7.58	109.80	0.65	2.92	1.00	0.06	7.60	108.84	0.64	2.94	1.00	0.06
7.62	107.56	0.63	2.98	1.00	0.06	7.64	106.37	0.62	3.01	1.00	0.06
7.66	104.35	0.60	3.08	1.00	0.06	7.68	99.62	0.57	3.23	1.00	0.06
7.70	97.32	0.55	3.30	1.00	0.07	7.72	93.62	0.53	3.43	1.00	0.07
7.74	91.46	0.52	3.52	1.00	0.07	7.76	90.49	0.51	3.55	1.00	0.07
7.78	90.40	0.51	3.56	1.00	0.07	7.80	90.30	0.51	3.56	1.00	0.07
7.82	89.13	0.50	3.61	1.00	0.07	7.84	90.48	0.51	3.55	1.00	0.07
7.86	92.07	0.52	3.49	1.00	0.07	7.88	33.07	2.00	0.00	1.00	0.00
7.90	95.35	0.54	3.37	1.00	0.07	7.92	98.70	0.56	3.26	1.00	0.07
7.94	100.70	0.57	3.19	1.00	0.06	7.96	103.69	0.60	3.10	1.00	0.06
7.98	107.26	0.62	2.99	1.00	0.06	8.00	109.75	0.65	2.92	1.00	0.06
8.02	111.99	0.67	2.86	1.00	0.06	8.04	112.79	0.68	2.84	1.00	0.06
8.06	111.74	0.67	2.86	1.00	0.06	8.08	109.99	0.65	2.91	1.00	0.06
8.10	108.07	0.63	2.97	1.00	0.06	8.12	104.68	0.60	3.07	1.00	0.06
8.14	101.41	0.58	3.17	1.00	0.06	8.16	99.67	0.57	3.22	1.00	0.06
8.18	98.74	0.56	3.25	1.00	0.07	8.20	98.69	0.56	3.26	1.00	0.07
8.22	100.16	0.57	3.21	1.00	0.06	8.24	101.23	0.58	3.17	1.00	0.06
8.26	103.94	0.60	3.09	1.00	0.06	8.28	104.36	0.60	3.08	1.00	0.06
8.30	103.26	0.59	3.11	1.00	0.06	8.32	101.39	0.58	3.17	1.00	0.06
8.34	100.71	0.57	3.19	1.00	0.06	8.36	101.97	0.58	3.15	1.00	0.06
8.38	105.61	0.61	3.04	1.00	0.06	8.40	110.00	0.65	2.91	1.00	0.06
8.42	113.33	0.68	2.82	1.00	0.06	8.44	116.86	0.72	2.73	1.00	0.05
8.46	115.63	0.70	2.76	1.00	0.06	8.48	110.68	0.65	2.89	1.00	0.06
8.50	103.08	0.59	3.11	1.00	0.06	8.52	94.00	0.53	3.42	1.00	0.07
8.54	25.91	2.00	0.00	1.00	0.00	8.56	20.77	2.00	0.00	1.00	0.00
8.58	17.98	2.00	0.00	1.00	0.00	8.60	15.72	2.00	0.00	1.00	0.00
8.62	15.38	2.00	0.00	1.00	0.00	8.64	15.58	2.00	0.00	1.00	0.00
8.66	16.31	2.00	0.00	1.00	0.00	8.68	16.08	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.70	16.06	2.00	0.00	1.00	0.00	8.72	15.62	2.00	0.00	1.00	0.00
8.74	14.86	2.00	0.00	1.00	0.00	8.76	14.32	2.00	0.00	1.00	0.00
8.78	13.88	2.00	0.00	1.00	0.00	8.80	13.76	2.00	0.00	1.00	0.00
8.82	13.85	2.00	0.00	1.00	0.00	8.84	14.15	2.00	0.00	1.00	0.00
8.86	14.67	2.00	0.00	1.00	0.00	8.88	16.03	2.00	0.00	1.00	0.00
8.90	18.64	2.00	0.00	1.00	0.00	8.92	20.51	2.00	0.00	1.00	0.00
8.94	23.11	2.00	0.00	1.00	0.00	8.96	27.89	2.00	0.00	1.00	0.00
8.98	92.53	0.52	3.48	1.00	0.07	9.00	98.50	0.56	3.26	1.00	0.07
9.02	105.37	0.61	3.04	1.00	0.06	9.04	110.47	0.65	2.90	1.00	0.06
9.06	112.75	0.68	2.84	1.00	0.06	9.08	113.60	0.68	2.81	1.00	0.06
9.10	113.36	0.68	2.82	1.00	0.06	9.12	113.31	0.68	2.82	1.00	0.06
9.14	114.04	0.69	2.80	1.00	0.06	9.16	118.79	0.74	2.68	1.00	0.05
9.18	124.42	0.81	2.28	1.00	0.05	9.20	131.95	0.94	1.26	1.00	0.03
9.22	133.32	0.97	1.15	1.00	0.02	9.24	124.74	0.82	2.21	1.00	0.04
9.26	119.61	0.75	2.66	1.00	0.05	9.28	104.43	0.60	3.07	1.00	0.06
9.30	102.57	0.59	3.13	1.00	0.06	9.32	105.49	0.61	3.04	1.00	0.06
9.34	105.63	0.61	3.04	1.00	0.06	9.36	100.93	0.58	3.18	1.00	0.06
9.38	93.93	0.53	3.42	1.00	0.07	9.40	91.85	0.52	3.50	1.00	0.07
9.42	92.98	0.53	3.46	1.00	0.07	9.44	92.03	0.52	3.49	1.00	0.07
9.46	89.02	0.51	3.61	1.00	0.07	9.48	27.38	2.00	0.00	1.00	0.00
9.50	24.08	2.00	0.00	1.00	0.00	9.52	21.20	2.00	0.00	1.00	0.00
9.54	20.88	2.00	0.00	1.00	0.00	9.56	20.96	2.00	0.00	1.00	0.00
9.58	21.04	2.00	0.00	1.00	0.00	9.60	20.81	2.00	0.00	1.00	0.00
9.62	20.28	2.00	0.00	1.00	0.00	9.64	19.86	2.00	0.00	1.00	0.00
9.66	19.64	2.00	0.00	1.00	0.00	9.68	19.31	2.00	0.00	1.00	0.00
9.70	19.29	2.00	0.00	1.00	0.00	9.72	19.38	2.00	0.00	1.00	0.00
9.74	19.36	2.00	0.00	1.00	0.00	9.76	19.54	2.00	0.00	1.00	0.00
9.78	19.72	2.00	0.00	1.00	0.00	9.80	19.91	2.00	0.00	1.00	0.00
9.82	20.19	2.00	0.00	1.00	0.00	9.84	20.57	2.00	0.00	1.00	0.00
9.86	20.85	2.00	0.00	1.00	0.00	9.88	21.14	2.00	0.00	1.00	0.00
9.90	21.32	2.00	0.00	1.00	0.00	9.92	21.70	2.00	0.00	1.00	0.00
9.94	22.28	2.00	0.00	1.00	0.00	9.96	22.36	2.00	0.00	1.00	0.00
9.98	22.13	2.00	0.00	1.00	0.00	10.00	21.71	2.00	0.00	1.00	0.00
10.02	20.99	2.00	0.00	1.00	0.00	10.04	20.57	2.00	0.00	1.00	0.00
10.06	20.45	2.00	0.00	1.00	0.00	10.08	20.14	2.00	0.00	1.00	0.00
10.10	19.92	2.00	0.00	1.00	0.00	10.12	19.90	2.00	0.00	1.00	0.00
10.14	19.58	2.00	0.00	1.00	0.00	10.16	19.46	2.00	0.00	1.00	0.00
10.18	19.35	2.00	0.00	1.00	0.00	10.20	18.63	2.00	0.00	1.00	0.00
10.22	18.62	2.00	0.00	1.00	0.00	10.24	17.41	2.00	0.00	1.00	0.00
10.26	17.39	2.00	0.00	1.00	0.00	10.28	17.48	2.00	0.00	1.00	0.00
10.30	17.56	2.00	0.00	1.00	0.00	10.32	17.74	2.00	0.00	1.00	0.00
10.34	18.21	2.00	0.00	1.00	0.00	10.36	18.79	2.00	0.00	1.00	0.00
10.38	19.16	2.00	0.00	1.00	0.00	10.40	19.24	2.00	0.00	1.00	0.00
10.42	19.32	2.00	0.00	1.00	0.00	10.44	19.70	2.00	0.00	1.00	0.00
10.46	20.17	2.00	0.00	1.00	0.00	10.48	20.84	2.00	0.00	1.00	0.00
10.50	21.89	2.00	0.00	1.00	0.00	10.52	22.95	2.00	0.00	1.00	0.00
10.54	24.00	2.00	0.00	1.00	0.00	10.56	24.57	2.00	0.00	1.00	0.00
10.58	24.74	2.00	0.00	1.00	0.00	10.60	24.91	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.62	24.89	2.00	0.00	1.00	0.00	10.64	25.16	2.00	0.00	1.00	0.00
10.66	25.23	2.00	0.00	1.00	0.00	10.68	25.31	2.00	0.00	1.00	0.00
10.70	25.19	2.00	0.00	1.00	0.00	10.72	25.16	2.00	0.00	1.00	0.00
10.74	24.75	2.00	0.00	1.00	0.00	10.76	24.15	2.00	0.00	1.00	0.00
10.78	23.74	2.00	0.00	1.00	0.00	10.80	23.43	2.00	0.00	1.00	0.00
10.82	23.02	2.00	0.00	1.00	0.00	10.84	22.81	2.00	0.00	1.00	0.00
10.86	22.30	2.00	0.00	1.00	0.00	10.88	21.32	2.00	0.00	1.00	0.00
10.90	20.63	2.00	0.00	1.00	0.00	10.92	19.93	2.00	0.00	1.00	0.00
10.94	19.63	2.00	0.00	1.00	0.00	10.96	19.23	2.00	0.00	1.00	0.00
10.98	18.54	2.00	0.00	1.00	0.00	11.00	18.04	2.00	0.00	1.00	0.00
11.02	17.93	2.00	0.00	1.00	0.00	11.04	18.39	2.00	0.00	1.00	0.00
11.06	18.66	2.00	0.00	1.00	0.00	11.08	18.55	2.00	0.00	1.00	0.00
11.10	17.96	2.00	0.00	1.00	0.00	11.12	18.13	2.00	0.00	1.00	0.00
11.14	18.31	2.00	0.00	1.00	0.00	11.16	18.96	2.00	0.00	1.00	0.00
11.18	20.37	2.00	0.00	1.00	0.00	11.20	20.35	2.00	0.00	1.00	0.00
11.22	22.71	2.00	0.00	1.00	0.00	11.24	23.64	2.00	0.00	1.00	0.00
11.26	24.10	2.00	0.00	1.00	0.00	11.28	24.17	2.00	0.00	1.00	0.00
11.30	25.01	2.00	0.00	1.00	0.00	11.32	24.52	2.00	0.00	1.00	0.00
11.34	24.59	2.00	0.00	1.00	0.00	11.36	24.38	2.00	0.00	1.00	0.00
11.38	24.17	2.00	0.00	1.00	0.00	11.40	24.53	2.00	0.00	1.00	0.00
11.42	24.89	2.00	0.00	1.00	0.00	11.44	25.34	2.00	0.00	1.00	0.00
11.46	25.88	2.00	0.00	1.00	0.00	11.48	26.43	2.00	0.00	1.00	0.00
11.50	27.35	2.00	0.00	1.00	0.00	11.52	26.29	2.00	0.00	1.00	0.00
11.54	24.57	2.00	0.00	1.00	0.00	11.56	23.23	2.00	0.00	1.00	0.00
11.58	22.27	2.00	0.00	1.00	0.00	11.60	21.22	2.00	0.00	1.00	0.00
11.62	20.35	2.00	0.00	1.00	0.00	11.64	19.31	2.00	0.00	1.00	0.00
11.66	18.17	2.00	0.00	1.00	0.00	11.68	17.50	2.00	0.00	1.00	0.00
11.70	17.39	2.00	0.00	1.00	0.00	11.72	17.19	2.00	0.00	1.00	0.00
11.74	16.89	2.00	0.00	1.00	0.00	11.76	16.32	2.00	0.00	1.00	0.00
11.78	15.56	2.00	0.00	1.00	0.00	11.80	14.99	2.00	0.00	1.00	0.00
11.82	14.70	2.00	0.00	1.00	0.00	11.84	14.32	2.00	0.00	1.00	0.00
11.86	14.12	2.00	0.00	1.00	0.00	11.88	14.29	2.00	0.00	1.00	0.00
11.90	14.37	2.00	0.00	1.00	0.00	11.92	14.82	2.00	0.00	1.00	0.00
11.94	15.64	2.00	0.00	1.00	0.00	11.96	16.27	2.00	0.00	1.00	0.00
11.98	16.35	2.00	0.00	1.00	0.00	12.00	16.70	2.00	0.00	1.00	0.00
12.02	17.15	2.00	0.00	1.00	0.00	12.04	17.32	2.00	0.00	1.00	0.00
12.06	17.95	2.00	0.00	1.00	0.00	12.08	18.58	2.00	0.00	1.00	0.00
12.10	18.84	2.00	0.00	1.00	0.00	12.12	19.56	2.00	0.00	1.00	0.00
12.14	19.91	2.00	0.00	1.00	0.00	12.16	20.62	2.00	0.00	1.00	0.00
12.18	21.25	2.00	0.00	1.00	0.00	12.20	21.23	2.00	0.00	1.00	0.00
12.22	21.58	2.00	0.00	1.00	0.00	12.24	21.29	2.00	0.00	1.00	0.00
12.26	20.81	2.00	0.00	1.00	0.00	12.28	20.52	2.00	0.00	1.00	0.00
12.30	20.14	2.00	0.00	1.00	0.00	12.32	19.75	2.00	0.00	1.00	0.00
12.34	19.64	2.00	0.00	1.00	0.00	12.36	19.54	2.00	0.00	1.00	0.00
12.38	19.16	2.00	0.00	1.00	0.00	12.40	18.59	2.00	0.00	1.00	0.00
12.42	17.94	2.00	0.00	1.00	0.00	12.44	17.38	2.00	0.00	1.00	0.00
12.46	17.10	2.00	0.00	1.00	0.00	12.48	16.63	2.00	0.00	1.00	0.00
12.50	16.07	2.00	0.00	1.00	0.00	12.52	15.79	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.54	15.51	2.00	0.00	1.00	0.00	12.56	15.04	2.00	0.00	1.00	0.00
12.58	14.85	2.00	0.00	1.00	0.00	12.60	15.02	2.00	0.00	1.00	0.00
12.62	14.91	2.00	0.00	1.00	0.00	12.64	14.81	2.00	0.00	1.00	0.00
12.66	14.80	2.00	0.00	1.00	0.00	12.68	15.23	2.00	0.00	1.00	0.00
12.70	15.67	2.00	0.00	1.00	0.00	12.72	16.10	2.00	0.00	1.00	0.00
12.74	16.90	2.00	0.00	1.00	0.00	12.76	17.33	2.00	0.00	1.00	0.00
12.78	17.76	2.00	0.00	1.00	0.00	12.80	17.84	2.00	0.00	1.00	0.00
12.82	18.09	2.00	0.00	1.00	0.00	12.84	18.17	2.00	0.00	1.00	0.00
12.86	18.51	2.00	0.00	1.00	0.00	12.88	19.12	2.00	0.00	1.00	0.00
12.90	19.55	2.00	0.00	1.00	0.00	12.92	20.07	2.00	0.00	1.00	0.00
12.94	20.59	2.00	0.00	1.00	0.00	12.96	20.66	2.00	0.00	1.00	0.00
12.98	20.91	2.00	0.00	1.00	0.00	13.00	21.16	2.00	0.00	1.00	0.00
13.02	21.41	2.00	0.00	1.00	0.00	13.04	21.84	2.00	0.00	1.00	0.00
13.06	21.91	2.00	0.00	1.00	0.00	13.08	21.89	2.00	0.00	1.00	0.00
13.10	22.05	2.00	0.00	1.00	0.00	13.12	22.48	2.00	0.00	1.00	0.00
13.14	22.91	2.00	0.00	1.00	0.00	13.16	22.89	2.00	0.00	1.00	0.00
13.18	22.87	2.00	0.00	1.00	0.00	13.20	22.94	2.00	0.00	1.00	0.00
13.22	22.92	2.00	0.00	1.00	0.00	13.24	23.17	2.00	0.00	1.00	0.00
13.26	22.88	2.00	0.00	1.00	0.00	13.28	22.60	2.00	0.00	1.00	0.00
13.30	22.14	2.00	0.00	1.00	0.00	13.32	21.85	2.00	0.00	1.00	0.00
13.34	21.75	2.00	0.00	1.00	0.00	13.36	21.64	2.00	0.00	1.00	0.00
13.38	21.53	2.00	0.00	1.00	0.00	13.40	21.16	2.00	0.00	1.00	0.00
13.42	21.15	2.00	0.00	1.00	0.00	13.44	20.95	2.00	0.00	1.00	0.00
13.46	20.59	2.00	0.00	1.00	0.00	13.48	20.39	2.00	0.00	1.00	0.00
13.50	20.03	2.00	0.00	1.00	0.00	13.52	19.40	2.00	0.00	1.00	0.00
13.54	18.69	2.00	0.00	1.00	0.00	13.56	18.24	2.00	0.00	1.00	0.00
13.58	17.70	2.00	0.00	1.00	0.00	13.60	17.25	2.00	0.00	1.00	0.00
13.62	16.54	2.00	0.00	1.00	0.00	13.64	16.10	2.00	0.00	1.00	0.00
13.66	15.83	2.00	0.00	1.00	0.00	13.68	15.64	2.00	0.00	1.00	0.00
13.70	15.20	2.00	0.00	1.00	0.00	13.72	15.01	2.00	0.00	1.00	0.00
13.74	14.66	2.00	0.00	1.00	0.00	13.76	14.65	2.00	0.00	1.00	0.00
13.78	14.89	2.00	0.00	1.00	0.00	13.80	15.05	2.00	0.00	1.00	0.00
13.82	15.21	2.00	0.00	1.00	0.00	13.84	15.11	2.00	0.00	1.00	0.00
13.86	14.67	2.00	0.00	1.00	0.00	13.88	14.49	2.00	0.00	1.00	0.00
13.90	14.05	2.00	0.00	1.00	0.00	13.92	13.96	2.00	0.00	1.00	0.00
13.94	14.03	2.00	0.00	1.00	0.00	13.96	14.02	2.00	0.00	1.00	0.00
13.98	13.84	2.00	0.00	1.00	0.00	14.00	13.57	2.00	0.00	1.00	0.00
14.02	13.22	2.00	0.00	1.00	0.00	14.04	13.05	2.00	0.00	1.00	0.00
14.06	13.12	2.00	0.00	1.00	0.00	14.08	13.20	2.00	0.00	1.00	0.00
14.10	13.44	2.00	0.00	1.00	0.00	14.12	13.60	2.00	0.00	1.00	0.00
14.14	13.59	2.00	0.00	1.00	0.00	14.16	13.41	2.00	0.00	1.00	0.00
14.18	13.40	2.00	0.00	1.00	0.00	14.20	14.49	2.00	0.00	1.00	0.00
14.22	14.73	2.00	0.00	1.00	0.00	14.24	14.89	2.00	0.00	1.00	0.00
14.26	15.13	2.00	0.00	1.00	0.00	14.28	15.29	2.00	0.00	1.00	0.00
14.30	15.36	2.00	0.00	1.00	0.00	14.32	15.35	2.00	0.00	1.00	0.00
14.34	15.34	2.00	0.00	1.00	0.00	14.36	15.33	2.00	0.00	1.00	0.00
14.38	15.23	2.00	0.00	1.00	0.00	14.40	15.14	2.00	0.00	1.00	0.00
14.42	15.13	2.00	0.00	1.00	0.00	14.44	15.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.46	14.77	2.00	0.00	1.00	0.00	14.48	14.67	2.00	0.00	1.00	0.00
14.50	14.58	2.00	0.00	1.00	0.00	14.52	14.57	2.00	0.00	1.00	0.00
14.54	14.47	2.00	0.00	1.00	0.00	14.56	14.46	2.00	0.00	1.00	0.00
14.58	14.28	2.00	0.00	1.00	0.00	14.60	14.27	2.00	0.00	1.00	0.00
14.62	14.18	2.00	0.00	1.00	0.00	14.64	13.84	2.00	0.00	1.00	0.00
14.66	13.74	2.00	0.00	1.00	0.00	14.68	13.65	2.00	0.00	1.00	0.00
14.70	13.56	2.00	0.00	1.00	0.00	14.72	13.30	2.00	0.00	1.00	0.00
14.74	13.12	2.00	0.00	1.00	0.00	14.76	13.03	2.00	0.00	1.00	0.00
14.78	13.02	2.00	0.00	1.00	0.00	14.80	13.26	2.00	0.00	1.00	0.00
14.82	13.42	2.00	0.00	1.00	0.00	14.84	13.49	2.00	0.00	1.00	0.00
14.86	13.56	2.00	0.00	1.00	0.00	14.88	13.55	2.00	0.00	1.00	0.00
14.90	13.54	2.00	0.00	1.00	0.00	14.92	13.53	2.00	0.00	1.00	0.00
14.94	13.61	2.00	0.00	1.00	0.00	14.96	13.93	2.00	0.00	1.00	0.00
14.98	14.08	2.00	0.00	1.00	0.00	15.00	14.32	2.00	0.00	1.00	0.00
15.02	14.72	2.00	0.00	1.00	0.00	15.04	14.88	2.00	0.00	1.00	0.00
15.06	14.70	2.00	0.00	1.00	0.00	15.08	14.45	2.00	0.00	1.00	0.00
15.10	14.35	2.00	0.00	1.00	0.00	15.12	14.01	2.00	0.00	1.00	0.00
15.14	14.17	2.00	0.00	1.00	0.00	15.16	14.16	2.00	0.00	1.00	0.00
15.18	14.72	2.00	0.00	1.00	0.00	15.20	15.12	2.00	0.00	1.00	0.00
15.22	15.36	2.00	0.00	1.00	0.00	15.24	15.68	2.00	0.00	1.00	0.00
15.26	15.83	2.00	0.00	1.00	0.00	15.28	16.07	2.00	0.00	1.00	0.00
15.30	16.14	2.00	0.00	1.00	0.00	15.32	16.45	2.00	0.00	1.00	0.00
15.34	16.61	2.00	0.00	1.00	0.00	15.36	16.84	2.00	0.00	1.00	0.00
15.38	16.91	2.00	0.00	1.00	0.00	15.40	16.90	2.00	0.00	1.00	0.00
15.42	16.97	2.00	0.00	1.00	0.00	15.44	17.37	2.00	0.00	1.00	0.00
15.46	17.68	2.00	0.00	1.00	0.00	15.48	18.08	2.00	0.00	1.00	0.00
15.50	18.31	2.00	0.00	1.00	0.00	15.52	18.38	2.00	0.00	1.00	0.00
15.54	18.61	2.00	0.00	1.00	0.00	15.56	18.68	2.00	0.00	1.00	0.00
15.58	19.00	2.00	0.00	1.00	0.00	15.60	19.15	2.00	0.00	1.00	0.00
15.62	19.54	2.00	0.00	1.00	0.00	15.64	19.94	2.00	0.00	1.00	0.00
15.66	19.92	2.00	0.00	1.00	0.00	15.68	19.91	2.00	0.00	1.00	0.00
15.70	19.90	2.00	0.00	1.00	0.00	15.72	19.80	2.00	0.00	1.00	0.00
15.74	20.03	2.00	0.00	1.00	0.00	15.76	20.34	2.00	0.00	1.00	0.00
15.78	20.17	2.00	0.00	1.00	0.00	15.80	20.23	2.00	0.00	1.00	0.00
15.82	20.30	2.00	0.00	1.00	0.00	15.84	19.96	2.00	0.00	1.00	0.00
15.86	19.62	2.00	0.00	1.00	0.00	15.88	19.20	2.00	0.00	1.00	0.00
15.90	18.78	2.00	0.00	1.00	0.00	15.92	18.69	2.00	0.00	1.00	0.00
15.94	18.43	2.00	0.00	1.00	0.00	15.96	17.85	2.00	0.00	1.00	0.00
15.98	17.76	2.00	0.00	1.00	0.00	16.00	17.83	2.00	0.00	1.00	0.00
16.02	17.82	2.00	0.00	1.00	0.00	16.04	18.21	2.00	0.00	1.00	0.00
16.06	18.68	2.00	0.00	1.00	0.00	16.08	19.71	2.00	0.00	1.00	0.00
16.10	20.51	2.00	0.00	1.00	0.00	16.12	20.82	2.00	0.00	1.00	0.00
16.14	20.16	2.00	0.00	1.00	0.00	16.16	20.14	2.00	0.00	1.00	0.00
16.18	21.26	2.00	0.00	1.00	0.00	16.20	21.49	2.00	0.00	1.00	0.00
16.22	21.31	2.00	0.00	1.00	0.00	16.24	20.73	2.00	0.00	1.00	0.00
16.26	20.07	2.00	0.00	1.00	0.00	16.28	19.66	2.00	0.00	1.00	0.00
16.30	19.08	2.00	0.00	1.00	0.00	16.32	18.91	2.00	0.00	1.00	0.00
16.34	18.74	2.00	0.00	1.00	0.00	16.36	18.72	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.38	18.87	2.00	0.00	1.00	0.00	16.40	19.34	2.00	0.00	1.00	0.00
16.42	19.96	2.00	0.00	1.00	0.00	16.44	20.75	2.00	0.00	1.00	0.00
16.46	21.14	2.00	0.00	1.00	0.00	16.48	21.20	2.00	0.00	1.00	0.00
16.50	21.19	2.00	0.00	1.00	0.00	16.52	21.26	2.00	0.00	1.00	0.00
16.54	21.16	2.00	0.00	1.00	0.00	16.56	20.99	2.00	0.00	1.00	0.00
16.58	20.57	2.00	0.00	1.00	0.00	16.60	19.76	2.00	0.00	1.00	0.00
16.62	18.95	2.00	0.00	1.00	0.00	16.64	18.39	2.00	0.00	1.00	0.00
16.66	17.90	2.00	0.00	1.00	0.00	16.68	17.41	2.00	0.00	1.00	0.00
16.70	17.01	2.00	0.00	1.00	0.00	16.72	16.52	2.00	0.00	1.00	0.00
16.74	16.28	2.00	0.00	1.00	0.00	16.76	16.42	2.00	0.00	1.00	0.00
16.78	16.41	2.00	0.00	1.00	0.00	16.80	16.56	2.00	0.00	1.00	0.00
16.82	17.02	2.00	0.00	1.00	0.00	16.84	17.32	2.00	0.00	1.00	0.00
16.86	17.47	2.00	0.00	1.00	0.00	16.88	17.85	2.00	0.00	1.00	0.00
16.90	18.15	2.00	0.00	1.00	0.00	16.92	18.14	2.00	0.00	1.00	0.00
16.94	17.89	2.00	0.00	1.00	0.00	16.96	17.80	2.00	0.00	1.00	0.00
16.98	17.87	2.00	0.00	1.00	0.00	17.00	18.01	2.00	0.00	1.00	0.00
17.02	17.84	2.00	0.00	1.00	0.00	17.04	17.60	2.00	0.00	1.00	0.00
17.06	17.12	2.00	0.00	1.00	0.00	17.08	16.79	2.00	0.00	1.00	0.00
17.10	16.47	2.00	0.00	1.00	0.00	17.12	16.07	2.00	0.00	1.00	0.00
17.14	15.67	2.00	0.00	1.00	0.00	17.16	15.66	2.00	0.00	1.00	0.00
17.18	15.65	2.00	0.00	1.00	0.00	17.20	15.80	2.00	0.00	1.00	0.00
17.22	15.63	2.00	0.00	1.00	0.00	17.24	15.62	2.00	0.00	1.00	0.00
17.26	15.54	2.00	0.00	1.00	0.00	17.28	15.45	2.00	0.00	1.00	0.00
17.30	15.44	2.00	0.00	1.00	0.00	17.32	15.58	2.00	0.00	1.00	0.00
17.34	15.57	2.00	0.00	1.00	0.00	17.36	15.56	2.00	0.00	1.00	0.00
17.38	15.40	2.00	0.00	1.00	0.00	17.40	15.31	2.00	0.00	1.00	0.00
17.42	15.22	2.00	0.00	1.00	0.00	17.44	15.06	2.00	0.00	1.00	0.00
17.46	14.90	2.00	0.00	1.00	0.00	17.48	14.89	2.00	0.00	1.00	0.00
17.50	15.03	2.00	0.00	1.00	0.00	17.52	14.95	2.00	0.00	1.00	0.00
17.54	15.01	2.00	0.00	1.00	0.00	17.56	14.93	2.00	0.00	1.00	0.00
17.58	14.99	2.00	0.00	1.00	0.00	17.60	15.21	2.00	0.00	1.00	0.00
17.62	15.36	2.00	0.00	1.00	0.00	17.64	15.42	2.00	0.00	1.00	0.00
17.66	15.41	2.00	0.00	1.00	0.00	17.68	15.25	2.00	0.00	1.00	0.00
17.70	15.62	2.00	0.00	1.00	0.00	17.72	15.99	2.00	0.00	1.00	0.00
17.74	16.06	2.00	0.00	1.00	0.00	17.76	16.13	2.00	0.00	1.00	0.00
17.78	16.42	2.00	0.00	1.00	0.00	17.80	16.72	2.00	0.00	1.00	0.00
17.82	16.71	2.00	0.00	1.00	0.00	17.84	16.70	2.00	0.00	1.00	0.00
17.86	16.68	2.00	0.00	1.00	0.00	17.88	16.83	2.00	0.00	1.00	0.00
17.90	16.74	2.00	0.00	1.00	0.00	17.92	16.43	2.00	0.00	1.00	0.00
17.94	16.42	2.00	0.00	1.00	0.00	17.96	16.48	2.00	0.00	1.00	0.00
17.98	16.62	2.00	0.00	1.00	0.00	18.00	16.76	2.00	0.00	1.00	0.00
18.02	16.83	2.00	0.00	1.00	0.00	18.04	17.05	2.00	0.00	1.00	0.00
18.06	16.88	2.00	0.00	1.00	0.00	18.08	16.57	2.00	0.00	1.00	0.00
18.10	15.96	2.00	0.00	1.00	0.00	18.12	15.12	2.00	0.00	1.00	0.00
18.14	15.11	2.00	0.00	1.00	0.00	18.16	13.52	2.00	0.00	1.00	0.00
18.18	12.92	2.00	0.00	1.00	0.00	18.20	12.47	2.00	0.00	1.00	0.00
18.22	12.38	2.00	0.00	1.00	0.00	18.24	12.38	2.00	0.00	1.00	0.00
18.26	11.92	2.00	0.00	1.00	0.00	18.28	12.14	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.30	11.98	2.00	0.00	1.00	0.00	18.32	11.90	2.00	0.00	1.00	0.00
18.34	11.67	2.00	0.00	1.00	0.00	18.36	11.67	2.00	0.00	1.00	0.00
18.38	11.74	2.00	0.00	1.00	0.00	18.40	11.73	2.00	0.00	1.00	0.00
18.42	11.65	2.00	0.00	1.00	0.00	18.44	11.57	2.00	0.00	1.00	0.00
18.46	11.56	2.00	0.00	1.00	0.00	18.48	11.56	2.00	0.00	1.00	0.00
18.50	11.55	2.00	0.00	1.00	0.00	18.52	11.54	2.00	0.00	1.00	0.00
18.54	11.54	2.00	0.00	1.00	0.00	18.56	11.90	2.00	0.00	1.00	0.00
18.58	12.48	2.00	0.00	1.00	0.00	18.60	13.28	2.00	0.00	1.00	0.00
18.62	13.20	2.00	0.00	1.00	0.00	18.64	12.61	2.00	0.00	1.00	0.00
18.66	11.86	2.00	0.00	1.00	0.00	18.68	11.13	2.00	0.00	1.00	0.00
18.70	10.68	2.00	0.00	1.00	0.00	18.72	10.46	2.00	0.00	1.00	0.00
18.74	10.38	2.00	0.00	1.00	0.00	18.76	10.59	2.00	0.00	1.00	0.00
18.78	10.66	2.00	0.00	1.00	0.00	18.80	11.09	2.00	0.00	1.00	0.00
18.82	11.45	2.00	0.00	1.00	0.00	18.84	11.44	2.00	0.00	1.00	0.00
18.86	11.80	2.00	0.00	1.00	0.00	18.88	12.60	2.00	0.00	1.00	0.00
18.90	13.91	2.00	0.00	1.00	0.00	18.92	14.79	2.00	0.00	1.00	0.00
18.94	15.66	2.00	0.00	1.00	0.00	18.96	16.62	2.00	0.00	1.00	0.00
18.98	16.83	2.00	0.00	1.00	0.00	19.00	16.82	2.00	0.00	1.00	0.00
19.02	16.59	2.00	0.00	1.00	0.00	19.04	16.65	2.00	0.00	1.00	0.00
19.06	16.79	2.00	0.00	1.00	0.00	19.08	17.08	2.00	0.00	1.00	0.00
19.10	17.59	2.00	0.00	1.00	0.00	19.12	17.58	2.00	0.00	1.00	0.00
19.14	16.75	2.00	0.00	1.00	0.00	19.16	16.15	2.00	0.00	1.00	0.00
19.18	15.56	2.00	0.00	1.00	0.00	19.20	14.74	2.00	0.00	1.00	0.00
19.22	13.93	2.00	0.00	1.00	0.00	19.24	13.34	2.00	0.00	1.00	0.00
19.26	13.11	2.00	0.00	1.00	0.00	19.28	12.89	2.00	0.00	1.00	0.00
19.30	12.66	2.00	0.00	1.00	0.00	19.32	12.80	2.00	0.00	1.00	0.00
19.34	12.79	2.00	0.00	1.00	0.00	19.36	12.79	2.00	0.00	1.00	0.00
19.38	13.00	2.00	0.00	1.00	0.00	19.40	13.28	2.00	0.00	1.00	0.00
19.42	13.41	2.00	0.00	1.00	0.00	19.44	13.62	2.00	0.00	1.00	0.00
19.46	13.76	2.00	0.00	1.00	0.00	19.48	13.97	2.00	0.00	1.00	0.00
19.50	14.11	2.00	0.00	1.00	0.00	19.52	14.17	2.00	0.00	1.00	0.00
19.54	14.09	2.00	0.00	1.00	0.00	19.56	13.72	2.00	0.00	1.00	0.00
19.58	13.28	2.00	0.00	1.00	0.00	19.60	13.13	2.00	0.00	1.00	0.00
19.62	12.84	2.00	0.00	1.00	0.00	19.64	12.69	2.00	0.00	1.00	0.00
19.66	12.54	2.00	0.00	1.00	0.00	19.68	12.39	2.00	0.00	1.00	0.00
19.70	12.38	2.00	0.00	1.00	0.00	19.72	12.37	2.00	0.00	1.00	0.00
19.74	12.44	2.00	0.00	1.00	0.00	19.76	12.43	2.00	0.00	1.00	0.00
19.78	12.64	2.00	0.00	1.00	0.00	19.80	12.70	2.00	0.00	1.00	0.00
19.82	12.91	2.00	0.00	1.00	0.00	19.84	13.04	2.00	0.00	1.00	0.00
19.86	13.11	2.00	0.00	1.00	0.00	19.88	13.24	2.00	0.00	1.00	0.00
19.90	13.38	2.00	0.00	1.00	0.00	19.92	13.66	2.00	0.00	1.00	0.00
19.94	14.22	2.00	0.00	1.00	0.00	19.96	14.72	2.00	0.00	1.00	0.00
19.98	15.43	2.00	0.00	1.00	0.00	20.00	15.71	2.00	0.00	1.00	0.00
20.02	15.84	2.00	0.00	1.00	0.00	20.04	15.98	2.00	0.00	1.00	0.00
20.06	15.90	2.00	0.00	1.00	0.00	20.08	15.75	2.00	0.00	1.00	0.00
20.10	15.31	2.00	0.00	1.00	0.00	20.12	10.54	2.00	0.00	1.00	0.00
20.14	10.54	2.00	0.00	1.00	0.00	20.16	14.85	2.00	0.00	1.00	0.00
20.18	14.56	2.00	0.00	1.00	0.00	20.20	14.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
20.22	13.69	2.00	0.00	1.00	0.00	20.24	13.25	2.00	0.00	1.00	0.00
20.26	12.68	2.00	0.00	1.00	0.00	20.28	12.18	2.00	0.00	1.00	0.00
20.30	11.68	2.00	0.00	1.00	0.00	20.32	11.25	2.00	0.00	1.00	0.00
20.34	10.97	2.00	0.00	1.00	0.00	20.36	10.75	2.00	0.00	1.00	0.00
20.38	10.74	2.00	0.00	1.00	0.00	20.40	10.88	2.00	0.00	1.00	0.00
20.42	10.73	2.00	0.00	1.00	0.00	20.44	10.87	2.00	0.00	1.00	0.00
20.46	11.28	2.00	0.00	1.00	0.00	20.48	11.63	2.00	0.00	1.00	0.00
20.50	11.48	2.00	0.00	1.00	0.00	20.52	11.33	2.00	0.00	1.00	0.00
20.54	11.19	2.00	0.00	1.00	0.00	20.56	11.04	2.00	0.00	1.00	0.00
20.58	10.97	2.00	0.00	1.00	0.00	20.60	10.89	2.00	0.00	1.00	0.00
20.62	10.68	2.00	0.00	1.00	0.00	20.64	10.61	2.00	0.00	1.00	0.00
20.66	10.60	2.00	0.00	1.00	0.00	20.68	10.53	2.00	0.00	1.00	0.00
20.70	10.59	2.00	0.00	1.00	0.00	20.72	10.86	2.00	0.00	1.00	0.00
20.74	11.27	2.00	0.00	1.00	0.00	20.76	11.27	2.00	0.00	1.00	0.00
20.78	11.19	2.00	0.00	1.00	0.00	20.80	11.12	2.00	0.00	1.00	0.00
20.82	11.11	2.00	0.00	1.00	0.00	20.84	11.11	2.00	0.00	1.00	0.00
20.86	10.96	2.00	0.00	1.00	0.00	20.88	11.16	2.00	0.00	1.00	0.00
20.90	11.23	2.00	0.00	1.00	0.00	20.92	11.22	2.00	0.00	1.00	0.00
20.94	11.29	2.00	0.00	1.00	0.00	20.96	11.28	2.00	0.00	1.00	0.00
20.98	11.55	2.00	0.00	1.00	0.00	21.00	11.89	2.00	0.00	1.00	0.00
21.02	12.09	2.00	0.00	1.00	0.00	21.04	12.51	2.00	0.00	1.00	0.00
21.06	12.64	2.00	0.00	1.00	0.00	21.08	12.63	2.00	0.00	1.00	0.00
21.10	12.76	2.00	0.00	1.00	0.00	21.12	12.97	2.00	0.00	1.00	0.00
21.14	9.65	2.00	0.00	1.00	0.00	21.16	9.65	2.00	0.00	1.00	0.00
21.18	15.04	2.00	0.00	1.00	0.00	21.20	16.22	2.00	0.00	1.00	0.00
21.22	18.60	2.00	0.00	1.00	0.00	21.24	22.86	2.00	0.00	1.00	0.00
21.26	25.44	2.00	0.00	1.00	0.00	21.28	25.21	2.00	0.00	1.00	0.00
21.30	24.07	2.00	0.00	1.00	0.00	21.32	22.07	2.00	0.00	1.00	0.00
21.34	18.85	2.00	0.00	1.00	0.00	21.36	17.56	2.00	0.00	1.00	0.00
21.38	18.12	2.00	0.00	1.00	0.00	21.40	19.95	2.00	0.00	1.00	0.00
21.42	21.30	2.00	0.00	1.00	0.00	21.44	21.28	2.00	0.00	1.00	0.00
21.46	20.49	2.00	0.00	1.00	0.00	21.48	21.12	2.00	0.00	1.00	0.00
21.50	21.89	2.00	0.00	1.00	0.00	21.52	22.67	2.00	0.00	1.00	0.00
21.54	23.16	2.00	0.00	1.00	0.00	21.56	23.43	2.00	0.00	1.00	0.00
21.58	23.78	2.00	0.00	1.00	0.00	21.60	25.35	2.00	0.00	1.00	0.00
21.62	25.92	2.00	0.00	1.00	0.00	21.64	26.05	2.00	0.00	1.00	0.00
21.66	26.90	2.00	0.00	1.00	0.00	21.68	27.83	2.00	0.00	1.00	0.00
21.70	27.38	2.00	0.00	1.00	0.00	21.72	26.43	2.00	0.00	1.00	0.00
21.74	25.63	2.00	0.00	1.00	0.00	21.76	25.18	2.00	0.00	1.00	0.00
21.78	25.24	2.00	0.00	1.00	0.00	21.80	25.15	2.00	0.00	1.00	0.00
21.82	25.14	2.00	0.00	1.00	0.00	21.84	24.91	2.00	0.00	1.00	0.00
21.86	24.39	2.00	0.00	1.00	0.00	21.88	23.95	2.00	0.00	1.00	0.00
21.90	23.36	2.00	0.00	1.00	0.00	21.92	22.14	2.00	0.00	1.00	0.00
21.94	21.77	2.00	0.00	1.00	0.00	21.96	22.68	2.00	0.00	1.00	0.00
21.98	24.24	2.00	0.00	1.00	0.00	22.00	26.45	2.00	0.00	1.00	0.00
22.02	27.38	2.00	0.00	1.00	0.00	22.04	28.59	2.00	0.00	1.00	0.00
22.06	29.38	2.00	0.00	1.00	0.00	22.08	29.22	2.00	0.00	1.00	0.00
22.10	28.70	2.00	0.00	1.00	0.00	22.12	27.96	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
22.14	27.94	2.00	0.00	1.00	0.00	22.16	26.56	2.00	0.00	1.00	0.00
22.18	26.47	2.00	0.00	1.00	0.00	22.20	26.02	2.00	0.00	1.00	0.00
22.22	24.72	2.00	0.00	1.00	0.00	22.24	23.64	2.00	0.00	1.00	0.00
22.26	23.49	2.00	0.00	1.00	0.00	22.28	22.91	2.00	0.00	1.00	0.00
22.30	21.56	2.00	0.00	1.00	0.00	22.32	20.91	2.00	0.00	1.00	0.00
22.34	20.90	2.00	0.00	1.00	0.00	22.36	20.96	2.00	0.00	1.00	0.00
22.38	20.95	2.00	0.00	1.00	0.00	22.40	20.94	2.00	0.00	1.00	0.00
22.42	21.07	2.00	0.00	1.00	0.00	22.44	21.19	2.00	0.00	1.00	0.00
22.46	21.46	2.00	0.00	1.00	0.00	22.48	21.73	2.00	0.00	1.00	0.00
22.50	20.95	2.00	0.00	1.00	0.00	22.52	20.45	2.00	0.00	1.00	0.00
22.54	20.09	2.00	0.00	1.00	0.00	22.56	19.46	2.00	0.00	1.00	0.00
22.58	19.31	2.00	0.00	1.00	0.00	22.60	19.23	2.00	0.00	1.00	0.00
22.62	19.15	2.00	0.00	1.00	0.00	22.64	19.21	2.00	0.00	1.00	0.00
22.66	19.34	2.00	0.00	1.00	0.00	22.68	19.12	2.00	0.00	1.00	0.00
22.70	19.11	2.00	0.00	1.00	0.00	22.72	18.96	2.00	0.00	1.00	0.00
22.74	18.82	2.00	0.00	1.00	0.00	22.76	18.81	2.00	0.00	1.00	0.00
22.78	19.07	2.00	0.00	1.00	0.00	22.80	19.47	2.00	0.00	1.00	0.00
22.82	19.26	2.00	0.00	1.00	0.00	22.84	19.45	2.00	0.00	1.00	0.00
22.86	19.65	2.00	0.00	1.00	0.00	22.88	19.64	2.00	0.00	1.00	0.00
22.90	19.49	2.00	0.00	1.00	0.00	22.92	19.55	2.00	0.00	1.00	0.00
22.94	19.95	2.00	0.00	1.00	0.00	22.96	20.01	2.00	0.00	1.00	0.00
22.98	19.66	2.00	0.00	1.00	0.00	23.00	19.78	2.00	0.00	1.00	0.00
23.02	20.39	2.00	0.00	1.00	0.00	23.04	20.86	2.00	0.00	1.00	0.00
23.06	20.92	2.00	0.00	1.00	0.00	23.08	20.91	2.00	0.00	1.00	0.00
23.10	20.56	2.00	0.00	1.00	0.00	23.12	20.07	2.00	0.00	1.00	0.00
23.14	15.38	2.00	0.00	1.00	0.00	23.16	15.37	2.00	0.00	1.00	0.00
23.18	19.90	2.00	0.00	1.00	0.00	23.20	20.23	2.00	0.00	1.00	0.00
23.22	20.63	2.00	0.00	1.00	0.00	23.24	20.90	2.00	0.00	1.00	0.00
23.26	20.75	2.00	0.00	1.00	0.00	23.28	21.01	2.00	0.00	1.00	0.00
23.30	21.48	2.00	0.00	1.00	0.00	23.32	22.02	2.00	0.00	1.00	0.00
23.34	22.01	2.00	0.00	1.00	0.00	23.36	21.65	2.00	0.00	1.00	0.00
23.38	21.64	2.00	0.00	1.00	0.00	23.40	21.70	2.00	0.00	1.00	0.00
23.42	22.17	2.00	0.00	1.00	0.00	23.44	21.89	2.00	0.00	1.00	0.00
23.46	21.46	2.00	0.00	1.00	0.00	23.48	21.45	2.00	0.00	1.00	0.00
23.50	21.99	2.00	0.00	1.00	0.00	23.52	22.32	2.00	0.00	1.00	0.00
23.54	22.59	2.00	0.00	1.00	0.00	23.56	22.85	2.00	0.00	1.00	0.00
23.58	22.98	2.00	0.00	1.00	0.00	23.60	22.96	2.00	0.00	1.00	0.00
23.62	23.09	2.00	0.00	1.00	0.00	23.64	23.22	2.00	0.00	1.00	0.00
23.66	22.93	2.00	0.00	1.00	0.00	23.68	22.92	2.00	0.00	1.00	0.00
23.70	23.25	2.00	0.00	1.00	0.00	23.72	23.38	2.00	0.00	1.00	0.00
23.74	23.99	2.00	0.00	1.00	0.00	23.76	24.80	2.00	0.00	1.00	0.00
23.78	25.41	2.00	0.00	1.00	0.00	23.80	24.85	2.00	0.00	1.00	0.00
23.82	25.18	2.00	0.00	1.00	0.00	23.84	26.21	2.00	0.00	1.00	0.00
23.86	25.85	2.00	0.00	1.00	0.00	23.88	25.70	2.00	0.00	1.00	0.00
23.90	25.89	2.00	0.00	1.00	0.00	23.92	25.53	2.00	0.00	1.00	0.00
23.94	25.10	2.00	0.00	1.00	0.00	23.96	25.51	2.00	0.00	1.00	0.00
23.98	25.84	2.00	0.00	1.00	0.00	24.00	25.62	2.00	0.00	1.00	0.00
24.02	24.71	2.00	0.00	1.00	0.00	24.04	24.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
24.06	24.68	2.00	0.00	1.00	0.00	24.08	24.95	2.00	0.00	1.00	0.00
24.10	25.35	2.00	0.00	1.00	0.00	24.12	25.82	2.00	0.00	1.00	0.00
24.14	26.08	2.00	0.00	1.00	0.00	24.16	26.07	2.00	0.00	1.00	0.00
24.18	25.78	2.00	0.00	1.00	0.00	24.20	25.49	2.00	0.00	1.00	0.00
24.22	25.20	2.00	0.00	1.00	0.00	24.24	25.12	2.00	0.00	1.00	0.00
24.26	24.69	2.00	0.00	1.00	0.00	24.28	24.41	2.00	0.00	1.00	0.00
24.30	24.67	2.00	0.00	1.00	0.00	24.32	25.14	2.00	0.00	1.00	0.00
24.34	25.40	2.00	0.00	1.00	0.00	24.36	25.18	2.00	0.00	1.00	0.00
24.38	24.82	2.00	0.00	1.00	0.00	24.40	24.81	2.00	0.00	1.00	0.00
24.42	25.35	2.00	0.00	1.00	0.00	24.44	25.88	2.00	0.00	1.00	0.00
24.46	25.18	2.00	0.00	1.00	0.00	24.48	24.56	2.00	0.00	1.00	0.00
24.50	24.00	2.00	0.00	1.00	0.00	24.52	23.51	2.00	0.00	1.00	0.00
24.54	23.16	2.00	0.00	1.00	0.00	24.56	22.82	2.00	0.00	1.00	0.00
24.58	22.53	2.00	0.00	1.00	0.00	24.60	22.46	2.00	0.00	1.00	0.00
24.62	22.24	2.00	0.00	1.00	0.00	24.64	21.63	2.00	0.00	1.00	0.00
24.66	21.48	2.00	0.00	1.00	0.00	24.68	21.47	2.00	0.00	1.00	0.00
24.70	21.46	2.00	0.00	1.00	0.00	24.72	21.45	2.00	0.00	1.00	0.00
24.74	21.17	2.00	0.00	1.00	0.00	24.76	20.50	2.00	0.00	1.00	0.00
24.78	20.09	2.00	0.00	1.00	0.00	24.80	20.08	2.00	0.00	1.00	0.00
24.82	20.14	2.00	0.00	1.00	0.00	24.84	20.06	2.00	0.00	1.00	0.00
24.86	19.06	2.00	0.00	1.00	0.00	24.88	17.94	2.00	0.00	1.00	0.00
24.90	17.15	2.00	0.00	1.00	0.00	24.92	16.81	2.00	0.00	1.00	0.00
24.94	16.61	2.00	0.00	1.00	0.00	24.96	16.41	2.00	0.00	1.00	0.00
24.98	16.40	2.00	0.00	1.00	0.00	25.00	16.46	2.00	0.00	1.00	0.00
25.02	17.10	2.00	0.00	1.00	0.00	25.04	22.55	2.00	0.00	1.00	0.00
25.06	32.58	2.00	0.00	1.00	0.00	25.08	41.95	2.00	0.00	1.00	0.00
25.10	45.27	2.00	0.00	1.00	0.00	25.12	42.21	2.00	0.00	1.00	0.00
25.14	29.42	2.00	0.00	1.00	0.00	25.16	29.40	2.00	0.00	1.00	0.00
25.18	36.11	2.00	0.00	1.00	0.00	25.20	30.58	2.00	0.00	1.00	0.00
25.22	27.52	2.00	0.00	1.00	0.00	25.24	26.82	2.00	0.00	1.00	0.00
25.26	25.16	2.00	0.00	1.00	0.00	25.28	27.46	2.00	0.00	1.00	0.00
25.30	32.40	2.00	0.00	1.00	0.00	25.32	30.90	2.00	0.00	1.00	0.00
25.34	28.25	2.00	0.00	1.00	0.00	25.36	25.22	2.00	0.00	1.00	0.00
25.38	23.50	2.00	0.00	1.00	0.00	25.40	21.38	2.00	0.00	1.00	0.00
25.42	19.86	2.00	0.00	1.00	0.00	25.44	19.33	2.00	0.00	1.00	0.00
25.46	19.65	2.00	0.00	1.00	0.00	25.48	20.16	2.00	0.00	1.00	0.00
25.50	21.83	2.00	0.00	1.00	0.00	25.52	31.11	2.00	0.00	1.00	0.00
25.54	116.16	0.96	1.43	1.00	0.03	25.56	140.14	1.47	0.30	1.00	0.01
25.58	148.62	1.79	0.09	1.00	0.00	25.60	153.62	2.00	0.00	1.00	0.00
25.62	154.32	2.00	0.00	1.00	0.00	25.64	149.08	1.81	0.08	1.00	0.00
25.66	140.53	1.48	0.29	1.00	0.01	25.68	131.14	1.23	0.57	1.00	0.01
25.70	121.89	1.05	0.98	1.00	0.02	25.72	108.78	0.87	2.70	1.00	0.05
25.74	105.88	0.84	3.03	1.00	0.06	25.76	112.95	0.92	1.79	1.00	0.04
25.78	116.88	0.97	1.34	1.00	0.03	25.80	118.61	1.00	1.19	1.00	0.02
25.82	116.55	0.97	1.36	1.00	0.03	25.84	117.50	0.98	1.28	1.00	0.03
25.86	121.19	1.04	1.01	1.00	0.02	25.88	127.34	1.15	0.71	1.00	0.01
25.90	134.91	1.32	0.44	1.00	0.01	25.92	145.36	1.66	0.16	1.00	0.00
25.94	157.31	2.00	0.00	1.00	0.00	25.96	166.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
25.98	172.47	2.00	0.00	1.00	0.00	26.00	176.22	2.00	0.00	1.00	0.00
26.02	176.52	2.00	0.00	1.00	0.00	26.04	173.07	2.00	0.00	1.00	0.00
26.06	167.46	2.00	0.00	1.00	0.00	26.08	154.14	2.00	0.00	1.00	0.00
26.10	145.59	1.67	0.16	1.00	0.00	26.12	140.38	1.49	0.28	1.00	0.01
26.14	144.23	1.62	0.19	1.00	0.00	26.16	121.36	1.04	0.99	1.00	0.02
26.18	125.83	1.12	0.76	1.00	0.02	26.20	143.32	1.59	0.21	1.00	0.00
26.22	135.49	1.34	0.42	1.00	0.01	26.24	129.66	1.20	0.61	1.00	0.01
26.26	128.79	1.18	0.64	1.00	0.01	26.28	131.79	1.25	0.53	1.00	0.01
26.30	135.84	1.35	0.41	1.00	0.01	26.32	139.44	1.46	0.31	1.00	0.01
26.34	143.59	1.60	0.20	1.00	0.00	26.36	146.58	1.72	0.13	1.00	0.00
26.38	146.96	1.74	0.12	1.00	0.00	26.40	147.63	1.77	0.10	1.00	0.00
26.42	146.98	1.74	0.12	1.00	0.00	26.44	144.57	1.64	0.17	1.00	0.00
26.46	142.26	1.56	0.23	1.00	0.00	26.48	139.64	1.47	0.30	1.00	0.01
26.50	146.58	1.72	0.13	1.00	0.00	26.52	135.85	1.36	0.40	1.00	0.01
26.54	149.33	1.85	0.06	1.00	0.00	26.56	146.60	1.73	0.13	1.00	0.00
26.58	141.54	1.53	0.25	1.00	0.00	26.60	136.93	1.39	0.37	1.00	0.01
26.62	135.96	1.36	0.40	1.00	0.01	26.64	139.05	1.45	0.31	1.00	0.01
26.66	138.00	1.42	0.34	1.00	0.01	26.68	132.43	1.27	0.50	1.00	0.01
26.70	126.47	1.14	0.72	1.00	0.01	26.72	114.02	0.95	1.54	1.00	0.03
26.74	102.85	0.82	3.12	1.00	0.06	26.76	33.50	2.00	0.00	1.00	0.00
26.78	30.71	2.00	0.00	1.00	0.00	26.80	29.48	2.00	0.00	1.00	0.00
26.82	25.95	2.00	0.00	1.00	0.00	26.84	23.45	2.00	0.00	1.00	0.00
26.86	20.29	2.00	0.00	1.00	0.00	26.88	18.51	2.00	0.00	1.00	0.00
26.90	17.12	2.00	0.00	1.00	0.00	26.92	16.30	2.00	0.00	1.00	0.00
26.94	15.67	2.00	0.00	1.00	0.00	26.96	15.35	2.00	0.00	1.00	0.00
26.98	15.35	2.00	0.00	1.00	0.00	27.00	15.22	2.00	0.00	1.00	0.00
27.02	15.27	2.00	0.00	1.00	0.00	27.04	15.51	2.00	0.00	1.00	0.00
27.06	15.57	2.00	0.00	1.00	0.00	27.08	15.69	2.00	0.00	1.00	0.00
27.10	15.99	2.00	0.00	1.00	0.00	27.12	16.35	2.00	0.00	1.00	0.00
27.14	16.72	2.00	0.00	1.00	0.00	27.16	16.90	2.00	0.00	1.00	0.00
27.18	16.89	2.00	0.00	1.00	0.00	27.20	16.45	2.00	0.00	1.00	0.00
27.22	16.01	2.00	0.00	1.00	0.00	27.24	15.63	2.00	0.00	1.00	0.00
27.26	15.44	2.00	0.00	1.00	0.00	27.28	15.49	2.00	0.00	1.00	0.00
27.30	15.61	2.00	0.00	1.00	0.00	27.32	15.73	2.00	0.00	1.00	0.00
27.34	15.78	2.00	0.00	1.00	0.00	27.36	15.84	2.00	0.00	1.00	0.00
27.38	16.08	2.00	0.00	1.00	0.00	27.40	16.44	2.00	0.00	1.00	0.00
27.42	16.87	2.00	0.00	1.00	0.00	27.44	17.23	2.00	0.00	1.00	0.00
27.46	17.41	2.00	0.00	1.00	0.00	27.48	17.59	2.00	0.00	1.00	0.00
27.50	17.58	2.00	0.00	1.00	0.00	27.52	17.64	2.00	0.00	1.00	0.00
27.54	17.57	2.00	0.00	1.00	0.00	27.56	17.50	2.00	0.00	1.00	0.00
27.58	17.24	2.00	0.00	1.00	0.00	27.60	17.36	2.00	0.00	1.00	0.00
27.62	17.54	2.00	0.00	1.00	0.00	27.64	17.47	2.00	0.00	1.00	0.00
27.66	17.34	2.00	0.00	1.00	0.00	27.68	17.08	2.00	0.00	1.00	0.00
27.70	16.77	2.00	0.00	1.00	0.00	27.72	16.51	2.00	0.00	1.00	0.00
27.74	16.45	2.00	0.00	1.00	0.00	27.76	16.62	2.00	0.00	1.00	0.00
27.78	16.43	2.00	0.00	1.00	0.00	27.80	16.67	2.00	0.00	1.00	0.00
27.82	16.66	2.00	0.00	1.00	0.00	27.84	16.72	2.00	0.00	1.00	0.00
27.86	16.71	2.00	0.00	1.00	0.00	27.88	16.70	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
27.90	16.70	2.00	0.00	1.00	0.00	27.92	16.75	2.00	0.00	1.00	0.00
27.94	16.93	2.00	0.00	1.00	0.00	27.96	17.04	2.00	0.00	1.00	0.00
27.98	17.10	2.00	0.00	1.00	0.00	28.00	17.22	2.00	0.00	1.00	0.00
28.02	17.33	2.00	0.00	1.00	0.00	28.04	17.20	2.00	0.00	1.00	0.00
28.06	16.70	2.00	0.00	1.00	0.00	28.08	16.64	2.00	0.00	1.00	0.00
28.10	16.51	2.00	0.00	1.00	0.00	28.12	16.32	2.00	0.00	1.00	0.00
28.14	16.56	2.00	0.00	1.00	0.00	28.16	16.55	2.00	0.00	1.00	0.00
28.18	14.18	2.00	0.00	1.00	0.00	28.20	14.18	2.00	0.00	1.00	0.00
28.22	17.81	2.00	0.00	1.00	0.00	28.24	17.81	2.00	0.00	1.00	0.00
28.26	17.25	2.00	0.00	1.00	0.00	28.28	16.94	2.00	0.00	1.00	0.00
28.30	16.62	2.00	0.00	1.00	0.00	28.32	16.80	2.00	0.00	1.00	0.00
28.34	17.16	2.00	0.00	1.00	0.00	28.36	17.76	2.00	0.00	1.00	0.00
28.38	17.15	2.00	0.00	1.00	0.00	28.40	16.96	2.00	0.00	1.00	0.00
28.42	17.19	2.00	0.00	1.00	0.00	28.44	17.06	2.00	0.00	1.00	0.00
28.46	16.81	2.00	0.00	1.00	0.00	28.48	16.87	2.00	0.00	1.00	0.00
28.50	16.68	2.00	0.00	1.00	0.00	28.52	17.58	2.00	0.00	1.00	0.00
28.54	20.43	2.00	0.00	1.00	0.00	28.56	24.20	2.00	0.00	1.00	0.00
28.58	27.43	2.00	0.00	1.00	0.00	28.60	27.18	2.00	0.00	1.00	0.00
28.62	27.39	2.00	0.00	1.00	0.00	28.64	25.30	2.00	0.00	1.00	0.00
28.66	22.42	2.00	0.00	1.00	0.00	28.68	18.81	2.00	0.00	1.00	0.00
28.70	16.31	2.00	0.00	1.00	0.00	28.72	15.10	2.00	0.00	1.00	0.00
28.74	14.86	2.00	0.00	1.00	0.00	28.76	14.85	2.00	0.00	1.00	0.00
28.78	14.79	2.00	0.00	1.00	0.00	28.80	14.84	2.00	0.00	1.00	0.00
28.82	14.78	2.00	0.00	1.00	0.00	28.84	14.95	2.00	0.00	1.00	0.00
28.86	15.00	2.00	0.00	1.00	0.00	28.88	15.06	2.00	0.00	1.00	0.00
28.90	15.41	2.00	0.00	1.00	0.00	28.92	15.70	2.00	0.00	1.00	0.00
28.94	15.88	2.00	0.00	1.00	0.00	28.96	16.05	2.00	0.00	1.00	0.00
28.98	16.28	2.00	0.00	1.00	0.00	29.00	15.98	2.00	0.00	1.00	0.00
29.02	15.26	2.00	0.00	1.00	0.00	29.04	14.89	2.00	0.00	1.00	0.00
29.06	14.89	2.00	0.00	1.00	0.00	29.08	14.88	2.00	0.00	1.00	0.00
29.10	14.34	2.00	0.00	1.00	0.00	29.12	14.28	2.00	0.00	1.00	0.00
29.14	14.51	2.00	0.00	1.00	0.00	29.16	14.74	2.00	0.00	1.00	0.00
29.18	15.15	2.00	0.00	1.00	0.00	29.20	15.14	2.00	0.00	1.00	0.00
29.22	15.49	2.00	0.00	1.00	0.00	29.24	15.67	2.00	0.00	1.00	0.00
29.26	15.48	2.00	0.00	1.00	0.00	29.28	15.48	2.00	0.00	1.00	0.00
29.30	15.53	2.00	0.00	1.00	0.00	29.32	15.17	2.00	0.00	1.00	0.00
29.34	14.87	2.00	0.00	1.00	0.00	29.36	14.86	2.00	0.00	1.00	0.00
29.38	14.68	2.00	0.00	1.00	0.00	29.40	14.91	2.00	0.00	1.00	0.00
29.42	15.32	2.00	0.00	1.00	0.00	29.44	15.49	2.00	0.00	1.00	0.00
29.46	15.48	2.00	0.00	1.00	0.00	29.48	15.71	2.00	0.00	1.00	0.00
29.50	15.83	2.00	0.00	1.00	0.00	29.52	15.58	2.00	0.00	1.00	0.00
29.54	15.81	2.00	0.00	1.00	0.00	29.56	15.87	2.00	0.00	1.00	0.00
29.58	15.74	2.00	0.00	1.00	0.00	29.60	15.44	2.00	0.00	1.00	0.00
29.62	15.43	2.00	0.00	1.00	0.00	29.64	15.55	2.00	0.00	1.00	0.00
29.66	15.54	2.00	0.00	1.00	0.00	29.68	15.24	2.00	0.00	1.00	0.00
29.70	14.88	2.00	0.00	1.00	0.00	29.72	14.76	2.00	0.00	1.00	0.00
29.74	14.52	2.00	0.00	1.00	0.00	29.76	14.51	2.00	0.00	1.00	0.00
29.78	14.33	2.00	0.00	1.00	0.00	29.80	14.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
29.82	13.50	2.00	0.00	1.00	0.00	29.84	13.56	2.00	0.00	1.00	0.00
29.86	13.84	2.00	0.00	1.00	0.00	29.88	14.19	2.00	0.00	1.00	0.00
29.90	14.18	2.00	0.00	1.00	0.00	29.92	14.29	2.00	0.00	1.00	0.00
29.94	14.29	2.00	0.00	1.00	0.00	29.96	14.28	2.00	0.00	1.00	0.00
29.98	14.04	2.00	0.00	1.00	0.00	30.00	13.98	2.00	0.00	1.00	0.00
30.02	13.98	2.00	0.00	1.00	0.00	30.04	14.09	2.00	0.00	1.00	0.00
30.06	14.31	2.00	0.00	1.00	0.00	30.08	14.60	2.00	0.00	1.00	0.00
30.10	14.77	2.00	0.00	1.00	0.00	30.12	14.94	2.00	0.00	1.00	0.00
30.14	14.99	2.00	0.00	1.00	0.00	30.16	14.87	2.00	0.00	1.00	0.00
30.18	14.86	2.00	0.00	1.00	0.00	30.20	14.63	2.00	0.00	1.00	0.00
30.22	14.74	2.00	0.00	1.00	0.00	30.24	14.96	2.00	0.00	1.00	0.00
30.26	15.54	2.00	0.00	1.00	0.00	30.28	15.25	2.00	0.00	1.00	0.00
30.30	16.00	2.00	0.00	1.00	0.00	30.32	16.70	2.00	0.00	1.00	0.00
30.34	16.87	2.00	0.00	1.00	0.00	30.36	17.57	2.00	0.00	1.00	0.00
30.38	17.51	2.00	0.00	1.00	0.00	30.40	16.32	2.00	0.00	1.00	0.00
30.42	16.26	2.00	0.00	1.00	0.00	30.44	15.96	2.00	0.00	1.00	0.00
30.46	15.89	2.00	0.00	1.00	0.00	30.48	16.47	2.00	0.00	1.00	0.00
30.50	16.53	2.00	0.00	1.00	0.00	30.52	16.58	2.00	0.00	1.00	0.00
30.54	16.10	2.00	0.00	1.00	0.00	30.56	15.57	2.00	0.00	1.00	0.00
30.58	15.63	2.00	0.00	1.00	0.00	30.60	15.21	2.00	0.00	1.00	0.00
30.62	15.09	2.00	0.00	1.00	0.00	30.64	15.43	2.00	0.00	1.00	0.00
30.66	15.19	2.00	0.00	1.00	0.00	30.68	15.13	2.00	0.00	1.00	0.00
30.70	14.72	2.00	0.00	1.00	0.00	30.72	14.71	2.00	0.00	1.00	0.00
30.74	15.06	2.00	0.00	1.00	0.00	30.76	15.46	2.00	0.00	1.00	0.00
30.78	15.86	2.00	0.00	1.00	0.00	30.80	16.03	2.00	0.00	1.00	0.00
30.82	16.19	2.00	0.00	1.00	0.00	30.84	16.36	2.00	0.00	1.00	0.00
30.86	16.18	2.00	0.00	1.00	0.00	30.88	16.35	2.00	0.00	1.00	0.00
30.90	16.40	2.00	0.00	1.00	0.00	30.92	16.51	2.00	0.00	1.00	0.00
30.94	16.74	2.00	0.00	1.00	0.00	30.96	16.91	2.00	0.00	1.00	0.00
30.98	17.14	2.00	0.00	1.00	0.00	31.00	17.31	2.00	0.00	1.00	0.00
31.02	17.12	2.00	0.00	1.00	0.00	31.04	17.12	2.00	0.00	1.00	0.00
31.06	17.23	2.00	0.00	1.00	0.00	31.08	17.22	2.00	0.00	1.00	0.00
31.10	16.98	2.00	0.00	1.00	0.00	31.12	16.86	2.00	0.00	1.00	0.00
31.14	16.68	2.00	0.00	1.00	0.00	31.16	16.67	2.00	0.00	1.00	0.00
31.18	14.36	2.00	0.00	1.00	0.00	31.20	14.35	2.00	0.00	1.00	0.00
31.22	16.30	2.00	0.00	1.00	0.00	31.24	16.24	2.00	0.00	1.00	0.00
31.26	15.94	2.00	0.00	1.00	0.00	31.28	15.53	2.00	0.00	1.00	0.00
31.30	15.18	2.00	0.00	1.00	0.00	31.32	14.78	2.00	0.00	1.00	0.00
31.34	14.71	2.00	0.00	1.00	0.00	31.36	14.65	2.00	0.00	1.00	0.00
31.38	14.70	2.00	0.00	1.00	0.00	31.40	14.93	2.00	0.00	1.00	0.00
31.42	14.98	2.00	0.00	1.00	0.00	31.44	15.03	2.00	0.00	1.00	0.00
31.46	15.20	2.00	0.00	1.00	0.00	31.48	15.36	2.00	0.00	1.00	0.00
31.50	15.53	2.00	0.00	1.00	0.00	31.52	15.81	2.00	0.00	1.00	0.00
31.54	16.09	2.00	0.00	1.00	0.00	31.56	16.43	2.00	0.00	1.00	0.00
31.58	16.43	2.00	0.00	1.00	0.00	31.60	16.13	2.00	0.00	1.00	0.00
31.62	15.73	2.00	0.00	1.00	0.00	31.64	15.78	2.00	0.00	1.00	0.00
31.66	15.89	2.00	0.00	1.00	0.00	31.68	15.77	2.00	0.00	1.00	0.00
31.70	15.53	2.00	0.00	1.00	0.00	31.72	15.70	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
31.74	15.92	2.00	0.00	1.00	0.00	31.76	16.26	2.00	0.00	1.00	0.00
31.78	16.14	2.00	0.00	1.00	0.00	31.80	16.13	2.00	0.00	1.00	0.00
31.82	16.13	2.00	0.00	1.00	0.00	31.84	15.89	2.00	0.00	1.00	0.00
31.86	15.72	2.00	0.00	1.00	0.00	31.88	15.54	2.00	0.00	1.00	0.00
31.90	15.82	2.00	0.00	1.00	0.00	31.92	15.87	2.00	0.00	1.00	0.00
31.94	15.98	2.00	0.00	1.00	0.00	31.96	16.03	2.00	0.00	1.00	0.00
31.98	16.08	2.00	0.00	1.00	0.00	32.00	16.42	2.00	0.00	1.00	0.00
32.02	17.05	2.00	0.00	1.00	0.00	32.04	17.21	2.00	0.00	1.00	0.00
32.06	17.38	2.00	0.00	1.00	0.00	32.08	17.84	2.00	0.00	1.00	0.00
32.10	18.06	2.00	0.00	1.00	0.00	32.12	18.35	2.00	0.00	1.00	0.00
32.14	18.22	2.00	0.00	1.00	0.00	32.16	17.93	2.00	0.00	1.00	0.00
32.18	18.15	2.00	0.00	1.00	0.00	32.20	16.02	2.00	0.00	1.00	0.00
32.22	16.01	2.00	0.00	1.00	0.00	32.24	18.25	2.00	0.00	1.00	0.00
32.26	18.88	2.00	0.00	1.00	0.00	32.28	19.05	2.00	0.00	1.00	0.00
32.30	19.10	2.00	0.00	1.00	0.00	32.32	19.03	2.00	0.00	1.00	0.00
32.34	18.73	2.00	0.00	1.00	0.00	32.36	18.55	2.00	0.00	1.00	0.00
32.38	18.37	2.00	0.00	1.00	0.00	32.40	18.14	2.00	0.00	1.00	0.00
32.42	17.73	2.00	0.00	1.00	0.00	32.44	17.49	2.00	0.00	1.00	0.00
32.46	17.25	2.00	0.00	1.00	0.00	32.48	16.85	2.00	0.00	1.00	0.00
32.50	16.44	2.00	0.00	1.00	0.00	32.52	17.18	2.00	0.00	1.00	0.00
32.54	20.88	2.00	0.00	1.00	0.00	32.56	26.08	2.00	0.00	1.00	0.00
32.58	27.65	2.00	0.00	1.00	0.00	32.60	26.20	2.00	0.00	1.00	0.00
32.62	24.35	2.00	0.00	1.00	0.00	32.64	24.48	2.00	0.00	1.00	0.00
32.66	25.63	2.00	0.00	1.00	0.00	32.68	31.46	2.00	0.00	1.00	0.00
32.70	110.01	0.94	1.72	1.00	0.03	32.72	126.62	1.19	0.62	1.00	0.01
32.74	138.69	1.50	0.27	1.00	0.01	32.76	148.78	1.89	0.05	1.00	0.00
32.78	153.65	2.00	0.00	1.00	0.00	32.80	152.39	2.00	0.00	1.00	0.00
32.82	147.37	1.82	0.08	1.00	0.00	32.84	145.53	1.74	0.12	1.00	0.00
32.86	145.65	1.75	0.11	1.00	0.00	32.88	147.49	1.83	0.07	1.00	0.00
32.90	147.00	1.81	0.08	1.00	0.00	32.92	142.25	1.62	0.19	1.00	0.00
32.94	136.84	1.44	0.32	1.00	0.01	32.96	130.12	1.27	0.51	1.00	0.01
32.98	120.17	1.08	0.89	1.00	0.02	33.00	108.81	0.92	1.90	1.00	0.04
33.02	98.95	0.82	3.25	1.00	0.06	33.04	33.13	2.00	0.00	1.00	0.00
33.06	27.51	2.00	0.00	1.00	0.00	33.08	22.82	2.00	0.00	1.00	0.00
33.10	19.74	2.00	0.00	1.00	0.00	33.12	18.36	2.00	0.00	1.00	0.00
33.14	18.47	2.00	0.00	1.00	0.00	33.16	18.00	2.00	0.00	1.00	0.00
33.18	17.03	2.00	0.00	1.00	0.00	33.20	16.01	2.00	0.00	1.00	0.00
33.22	16.01	2.00	0.00	1.00	0.00	33.24	16.56	2.00	0.00	1.00	0.00
33.26	18.46	2.00	0.00	1.00	0.00	33.28	19.32	2.00	0.00	1.00	0.00
33.30	19.89	2.00	0.00	1.00	0.00	33.32	18.87	2.00	0.00	1.00	0.00
33.34	17.39	2.00	0.00	1.00	0.00	33.36	19.45	2.00	0.00	1.00	0.00
33.38	24.43	2.00	0.00	1.00	0.00	33.40	26.40	2.00	0.00	1.00	0.00
33.42	22.92	2.00	0.00	1.00	0.00	33.44	19.11	2.00	0.00	1.00	0.00
33.46	16.62	2.00	0.00	1.00	0.00	33.48	16.39	2.00	0.00	1.00	0.00
33.50	17.17	2.00	0.00	1.00	0.00	33.52	17.79	2.00	0.00	1.00	0.00
33.54	17.89	2.00	0.00	1.00	0.00	33.56	17.49	2.00	0.00	1.00	0.00
33.58	16.98	2.00	0.00	1.00	0.00	33.60	16.35	2.00	0.00	1.00	0.00
33.62	15.73	2.00	0.00	1.00	0.00	33.64	15.90	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
33.66	16.28	2.00	0.00	1.00	0.00	33.68	16.61	2.00	0.00	1.00	0.00
33.70	17.11	2.00	0.00	1.00	0.00	33.72	17.22	2.00	0.00	1.00	0.00
33.74	17.44	2.00	0.00	1.00	0.00	33.76	17.49	2.00	0.00	1.00	0.00
33.78	17.09	2.00	0.00	1.00	0.00	33.80	16.80	2.00	0.00	1.00	0.00
33.82	17.02	2.00	0.00	1.00	0.00	33.84	17.01	2.00	0.00	1.00	0.00
33.86	16.45	2.00	0.00	1.00	0.00	33.88	15.83	2.00	0.00	1.00	0.00
33.90	15.82	2.00	0.00	1.00	0.00	33.92	15.15	2.00	0.00	1.00	0.00
33.94	14.93	2.00	0.00	1.00	0.00	33.96	14.92	2.00	0.00	1.00	0.00
33.98	14.97	2.00	0.00	1.00	0.00	34.00	15.30	2.00	0.00	1.00	0.00
34.02	15.85	2.00	0.00	1.00	0.00	34.04	15.79	2.00	0.00	1.00	0.00
34.06	16.62	2.00	0.00	1.00	0.00	34.08	17.22	2.00	0.00	1.00	0.00
34.10	17.44	2.00	0.00	1.00	0.00	34.12	17.60	2.00	0.00	1.00	0.00
34.14	17.60	2.00	0.00	1.00	0.00	34.16	17.42	2.00	0.00	1.00	0.00
34.18	17.19	2.00	0.00	1.00	0.00	34.20	17.02	2.00	0.00	1.00	0.00
34.22	17.02	2.00	0.00	1.00	0.00	34.24	16.90	2.00	0.00	1.00	0.00
34.26	17.23	2.00	0.00	1.00	0.00	34.28	17.33	2.00	0.00	1.00	0.00
34.30	17.83	2.00	0.00	1.00	0.00	34.32	17.54	2.00	0.00	1.00	0.00
34.34	17.87	2.00	0.00	1.00	0.00	34.36	18.09	2.00	0.00	1.00	0.00
34.38	17.47	2.00	0.00	1.00	0.00	34.40	17.13	2.00	0.00	1.00	0.00
34.42	17.51	2.00	0.00	1.00	0.00	34.44	17.51	2.00	0.00	1.00	0.00
34.46	17.33	2.00	0.00	1.00	0.00	34.48	17.22	2.00	0.00	1.00	0.00
34.50	17.49	2.00	0.00	1.00	0.00	34.52	17.32	2.00	0.00	1.00	0.00
34.54	17.70	2.00	0.00	1.00	0.00	34.56	17.47	2.00	0.00	1.00	0.00
34.58	16.63	2.00	0.00	1.00	0.00	34.60	15.96	2.00	0.00	1.00	0.00
34.62	15.57	2.00	0.00	1.00	0.00	34.64	15.13	2.00	0.00	1.00	0.00
34.66	14.96	2.00	0.00	1.00	0.00	34.68	14.90	2.00	0.00	1.00	0.00
34.70	15.01	2.00	0.00	1.00	0.00	34.72	15.27	2.00	0.00	1.00	0.00
34.74	15.65	2.00	0.00	1.00	0.00	34.76	15.98	2.00	0.00	1.00	0.00
34.78	16.19	2.00	0.00	1.00	0.00	34.80	16.30	2.00	0.00	1.00	0.00
34.82	16.57	2.00	0.00	1.00	0.00	34.84	16.84	2.00	0.00	1.00	0.00
34.86	17.11	2.00	0.00	1.00	0.00	34.88	17.43	2.00	0.00	1.00	0.00
34.90	17.76	2.00	0.00	1.00	0.00	34.92	17.98	2.00	0.00	1.00	0.00
34.94	18.25	2.00	0.00	1.00	0.00	34.96	18.02	2.00	0.00	1.00	0.00
34.98	17.63	2.00	0.00	1.00	0.00	35.00	17.34	2.00	0.00	1.00	0.00
35.02	17.01	2.00	0.00	1.00	0.00	35.04	16.72	2.00	0.00	1.00	0.00
35.06	16.50	2.00	0.00	1.00	0.00	35.08	16.55	2.00	0.00	1.00	0.00
35.10	16.65	2.00	0.00	1.00	0.00	35.12	16.48	2.00	0.00	1.00	0.00
35.14	16.42	2.00	0.00	1.00	0.00	35.16	16.36	2.00	0.00	1.00	0.00
35.18	16.08	2.00	0.00	1.00	0.00	35.20	15.53	2.00	0.00	1.00	0.00
35.22	13.91	2.00	0.00	1.00	0.00	35.24	13.90	2.00	0.00	1.00	0.00
35.26	14.81	2.00	0.00	1.00	0.00	35.28	14.48	2.00	0.00	1.00	0.00
35.30	14.05	2.00	0.00	1.00	0.00	35.32	13.72	2.00	0.00	1.00	0.00
35.34	13.77	2.00	0.00	1.00	0.00	35.36	14.04	2.00	0.00	1.00	0.00
35.38	14.30	2.00	0.00	1.00	0.00	35.40	14.35	2.00	0.00	1.00	0.00
35.42	14.13	2.00	0.00	1.00	0.00	35.44	13.64	2.00	0.00	1.00	0.00
35.46	13.32	2.00	0.00	1.00	0.00	35.48	13.69	2.00	0.00	1.00	0.00
35.50	14.59	2.00	0.00	1.00	0.00	35.52	15.51	2.00	0.00	1.00	0.00
35.54	15.99	2.00	0.00	1.00	0.00	35.56	16.37	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

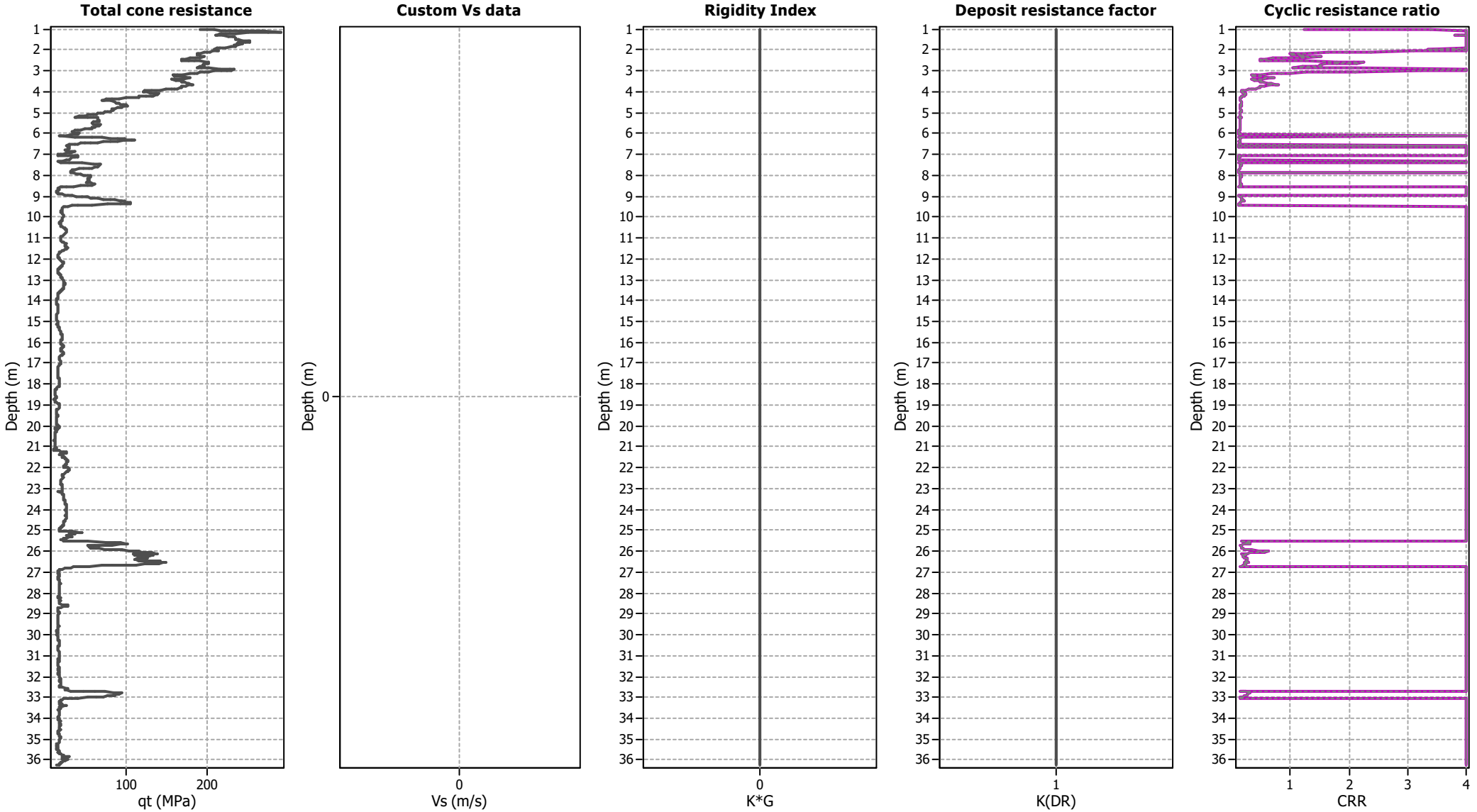
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
35.58	16.31	2.00	0.00	1.00	0.00	35.60	15.92	2.00	0.00	1.00	0.00
35.62	15.81	2.00	0.00	1.00	0.00	35.64	15.96	2.00	0.00	1.00	0.00
35.66	15.74	2.00	0.00	1.00	0.00	35.68	16.23	2.00	0.00	1.00	0.00
35.70	17.20	2.00	0.00	1.00	0.00	35.72	18.33	2.00	0.00	1.00	0.00
35.74	20.14	2.00	0.00	1.00	0.00	35.76	21.36	2.00	0.00	1.00	0.00
35.78	21.66	2.00	0.00	1.00	0.00	35.80	19.80	2.00	0.00	1.00	0.00
35.82	21.28	2.00	0.00	1.00	0.00	35.84	26.89	2.00	0.00	1.00	0.00
35.86	28.33	2.00	0.00	1.00	0.00	35.88	25.67	2.00	0.00	1.00	0.00
35.90	22.73	2.00	0.00	1.00	0.00	35.92	20.89	2.00	0.00	1.00	0.00
35.94	20.66	2.00	0.00	1.00	0.00	35.96	23.44	2.00	0.00	1.00	0.00
35.98	27.57	2.00	0.00	1.00	0.00	36.00	27.05	2.00	0.00	1.00	0.00
36.02	23.22	2.00	0.00	1.00	0.00	36.04	22.11	2.00	0.00	1.00	0.00
36.06	21.93	2.00	0.00	1.00	0.00	36.08	20.13	2.00	0.00	1.00	0.00
36.10	19.29	2.00	0.00	1.00	0.00	36.12	18.51	2.00	0.00	1.00	0.00
36.14	17.95	2.00	0.00	1.00	0.00	36.16	17.40	2.00	0.00	1.00	0.00
36.18	16.96	2.00	0.00	1.00	0.00	36.20	16.52	2.00	0.00	1.00	0.00
36.22	16.25	2.00	0.00	1.00	0.00	36.24	12.37	2.00	0.00	1.00	0.00

Total estimated settlement: 14.15

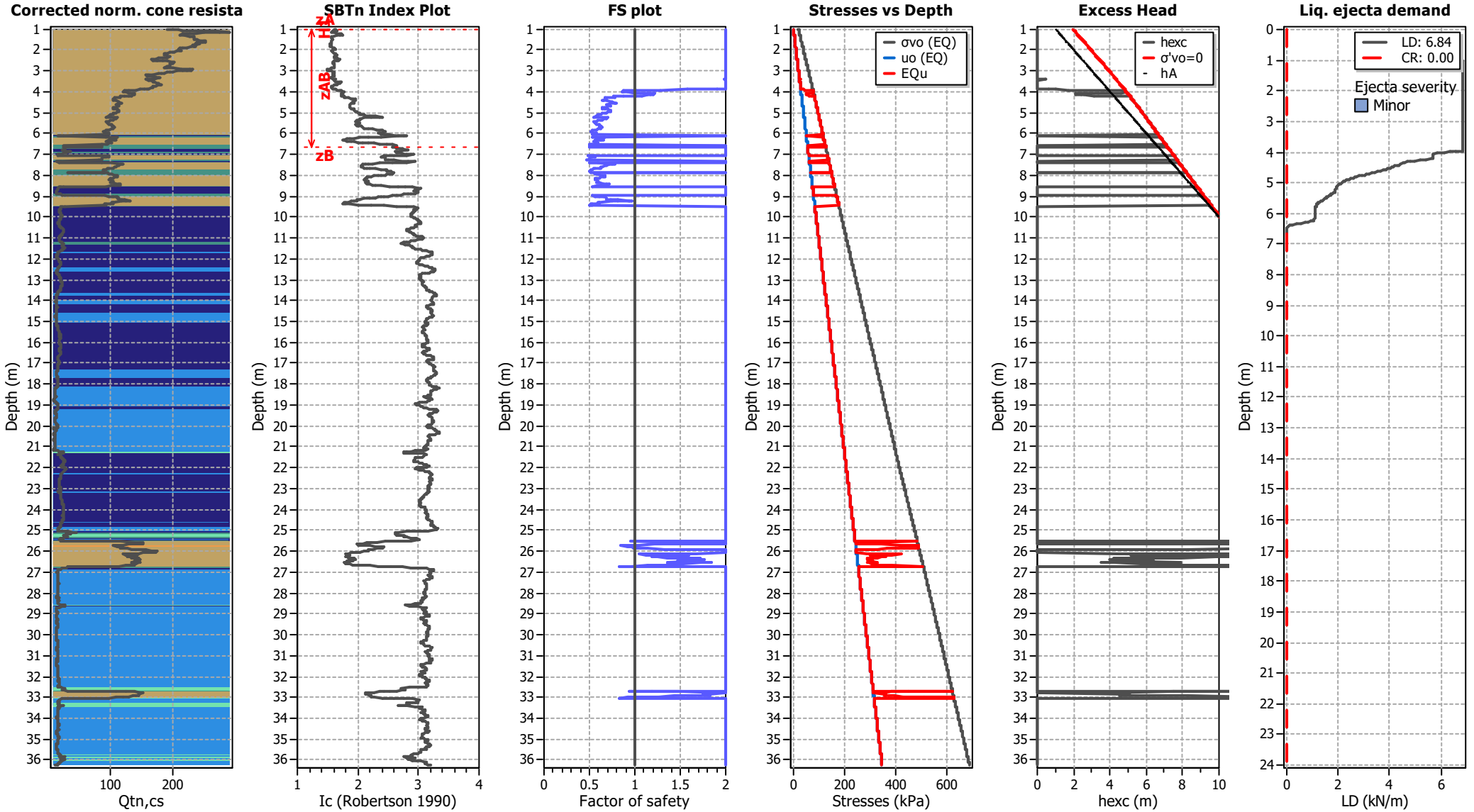
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



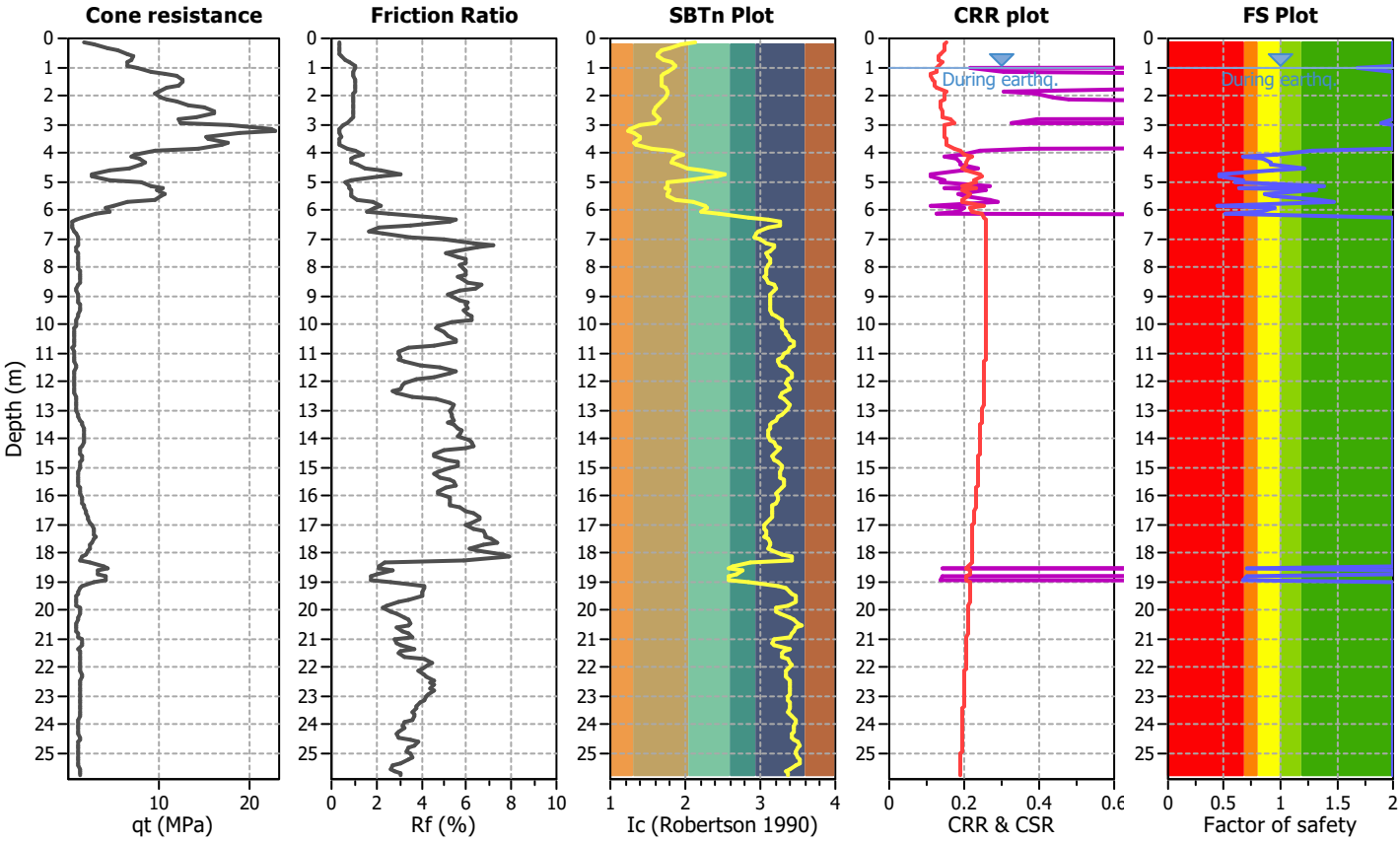
LIQUEFACTION ANALYSIS REPORT

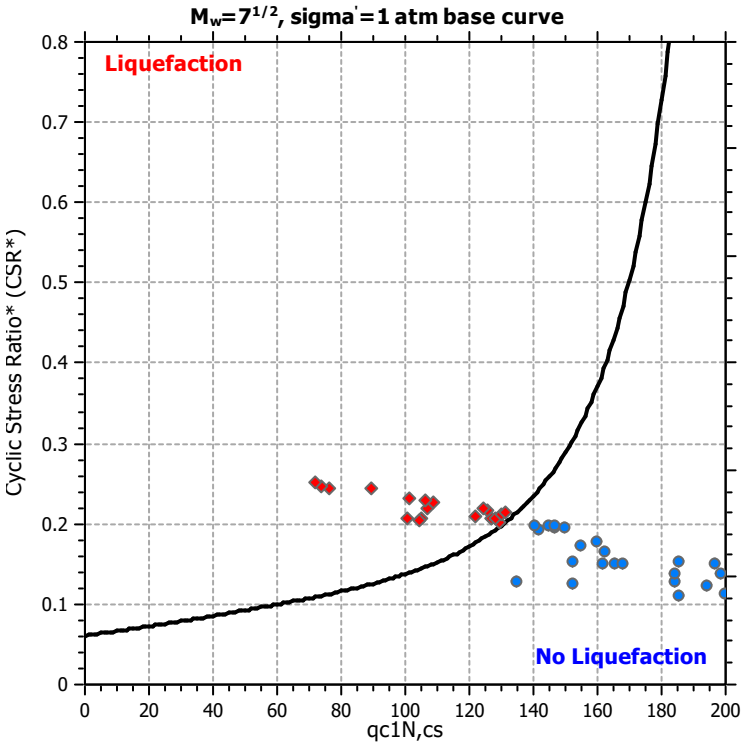
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

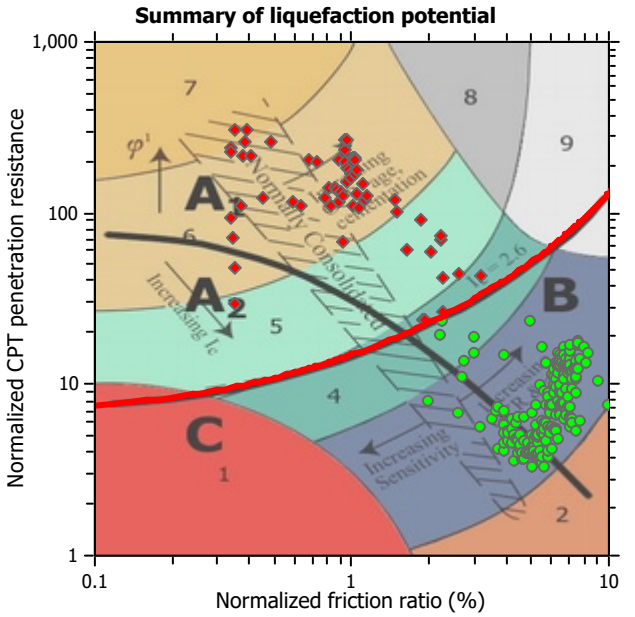
CPT file : 040008P459CPTE459

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

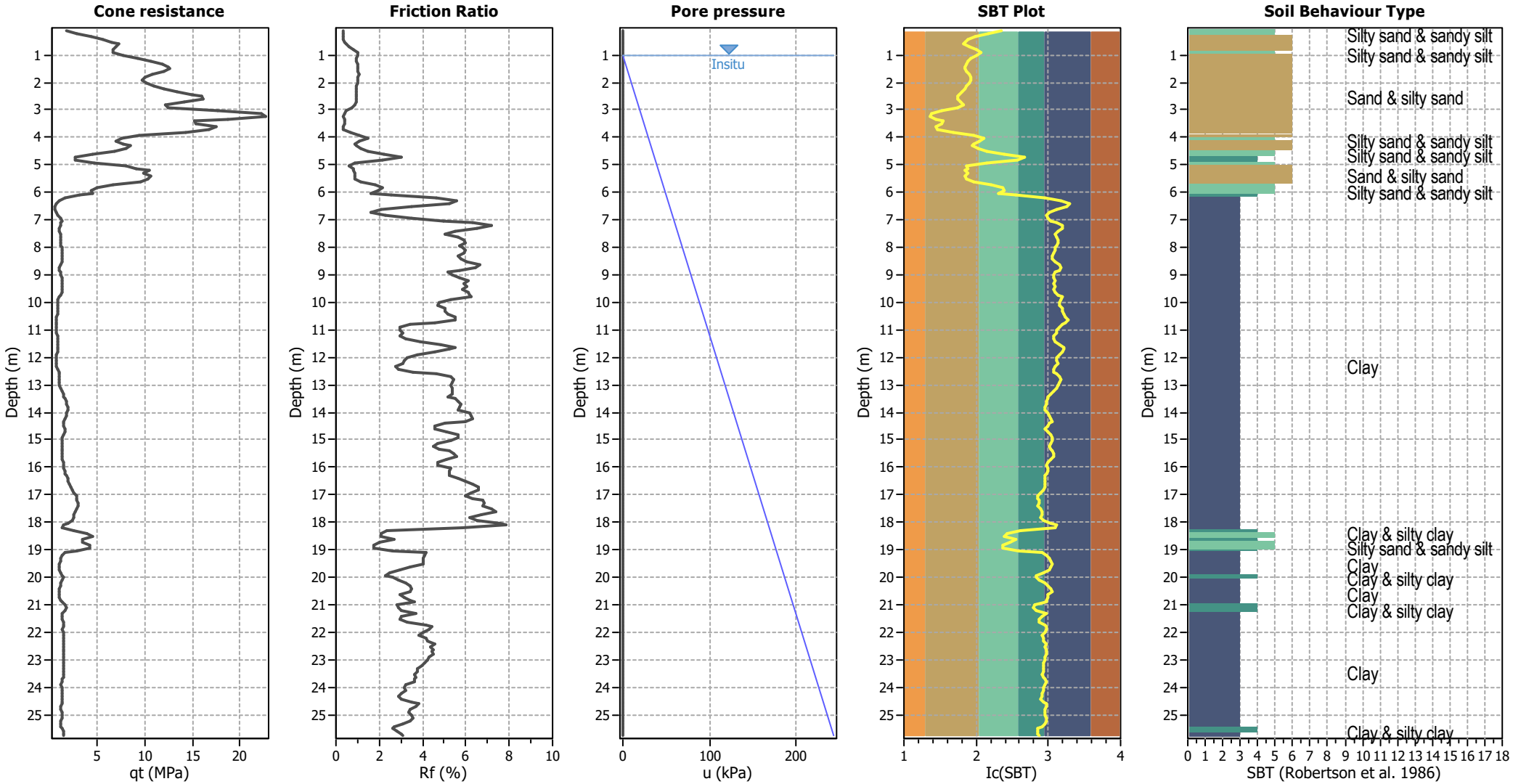






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



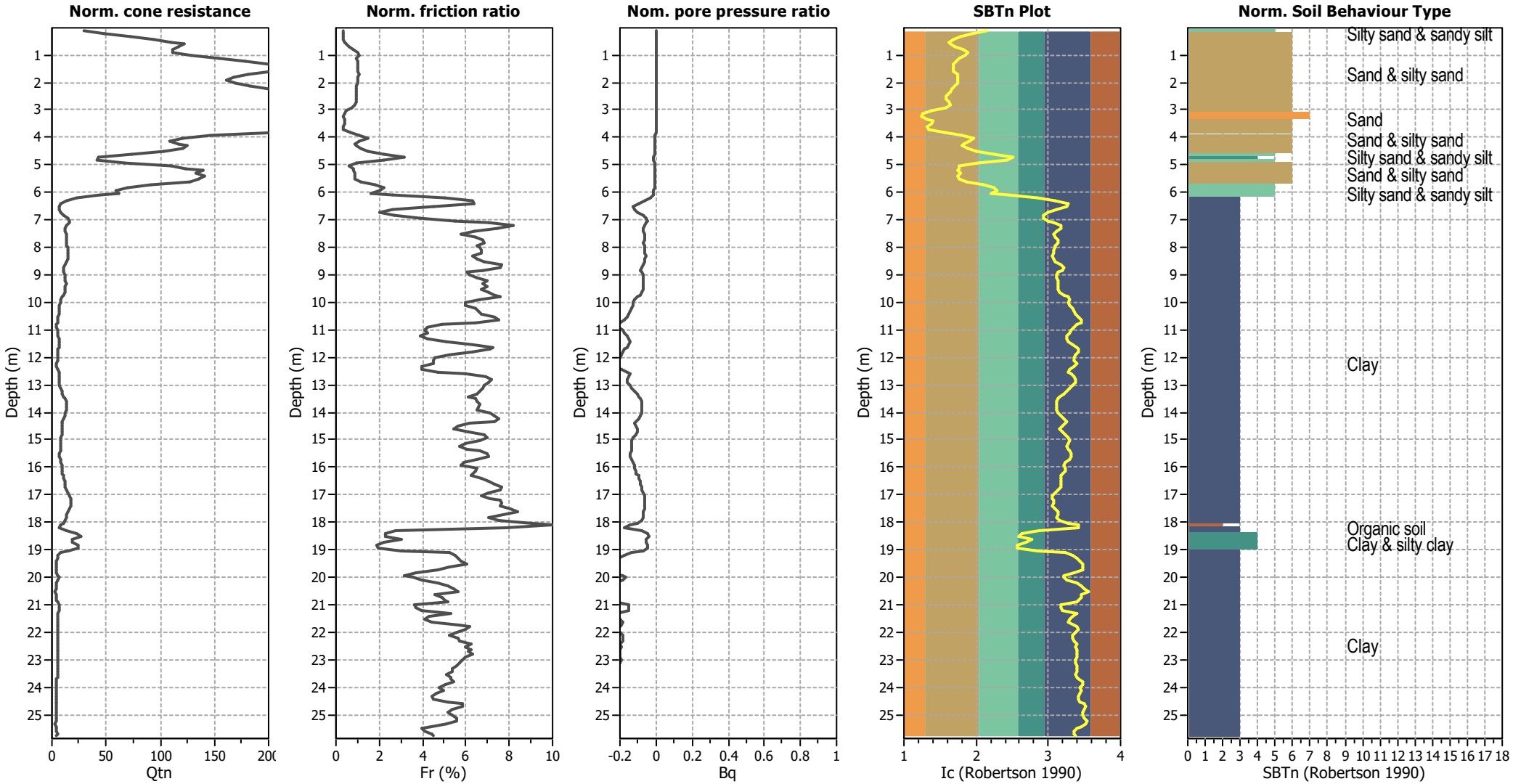
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



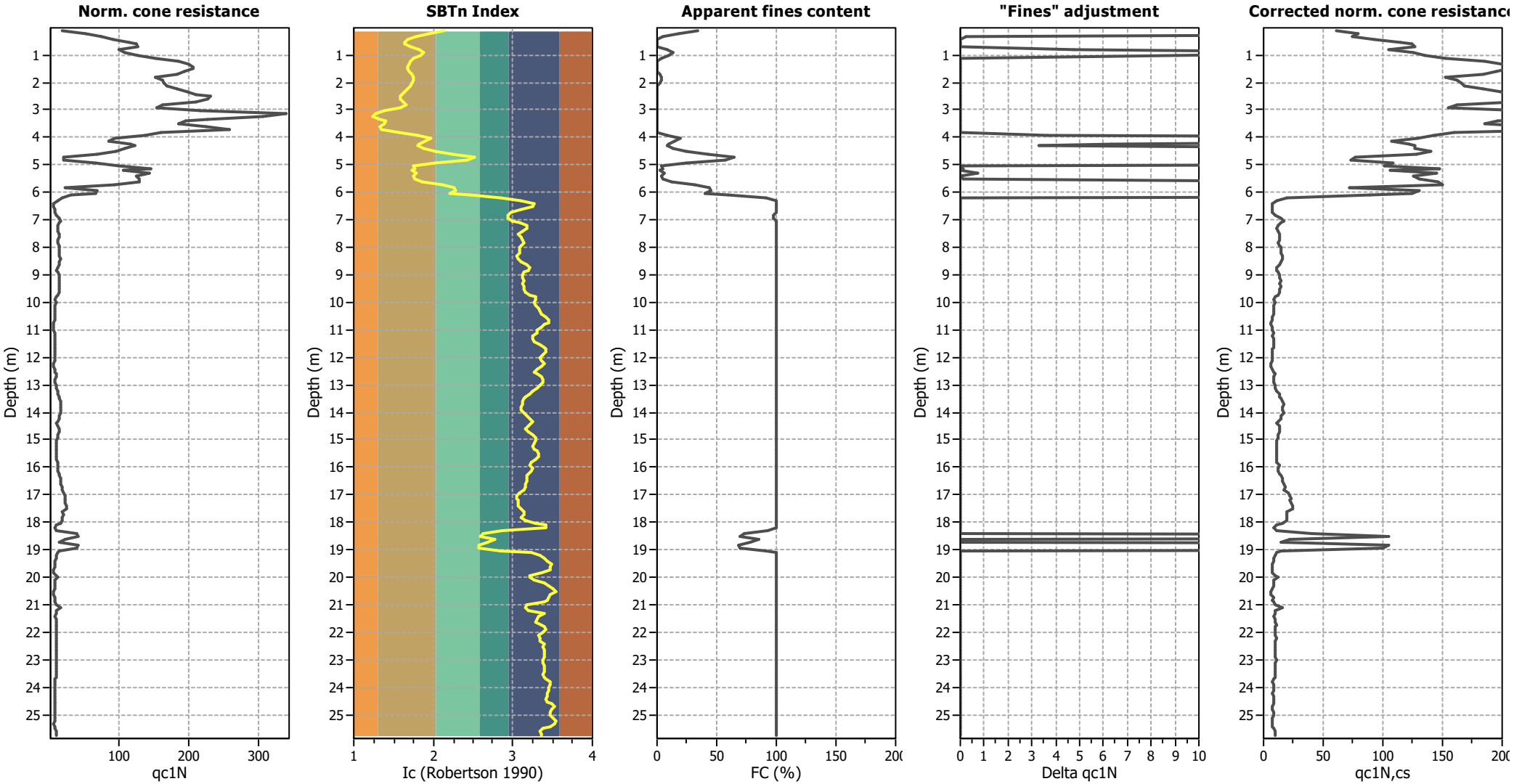
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

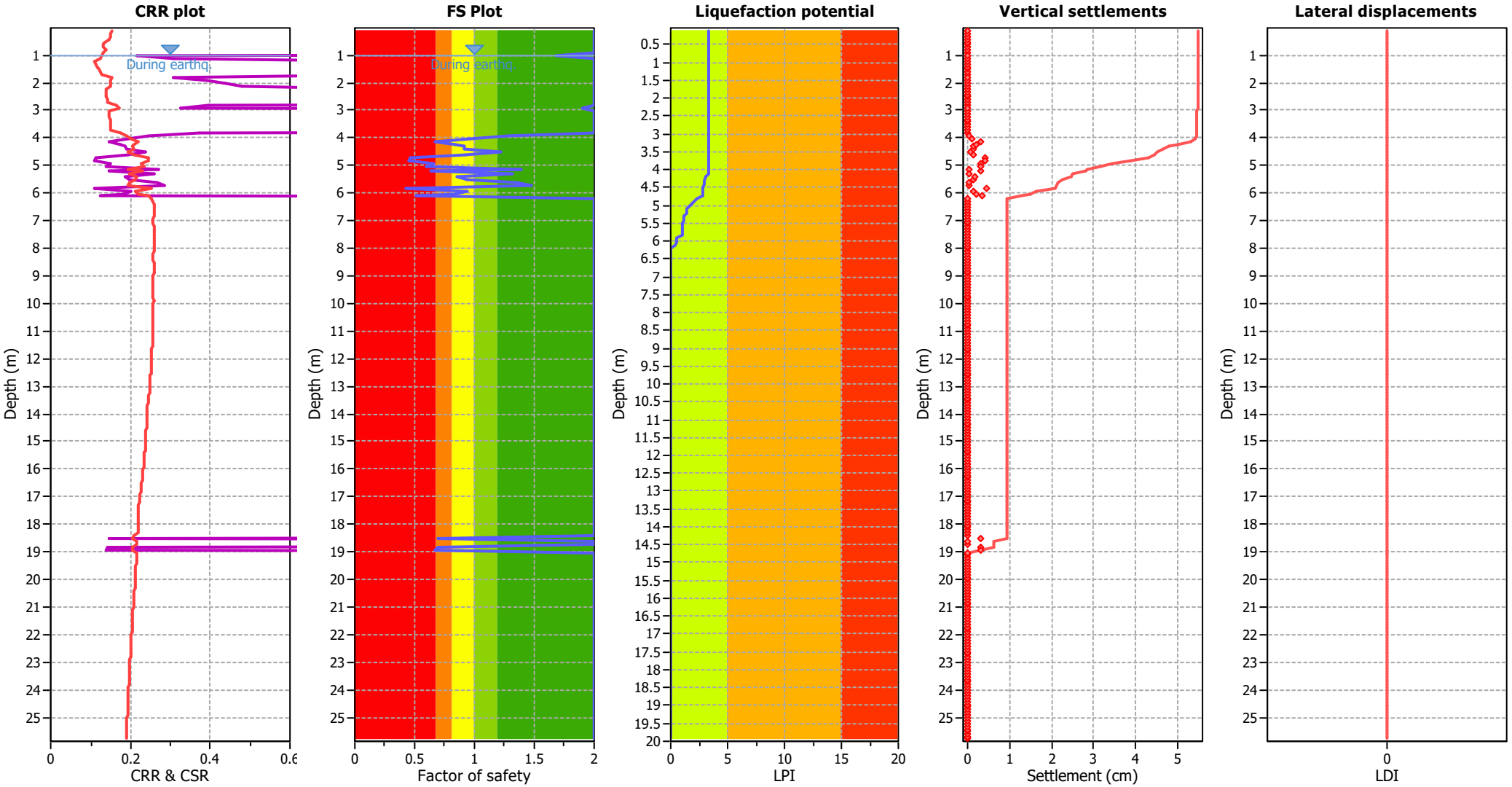
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

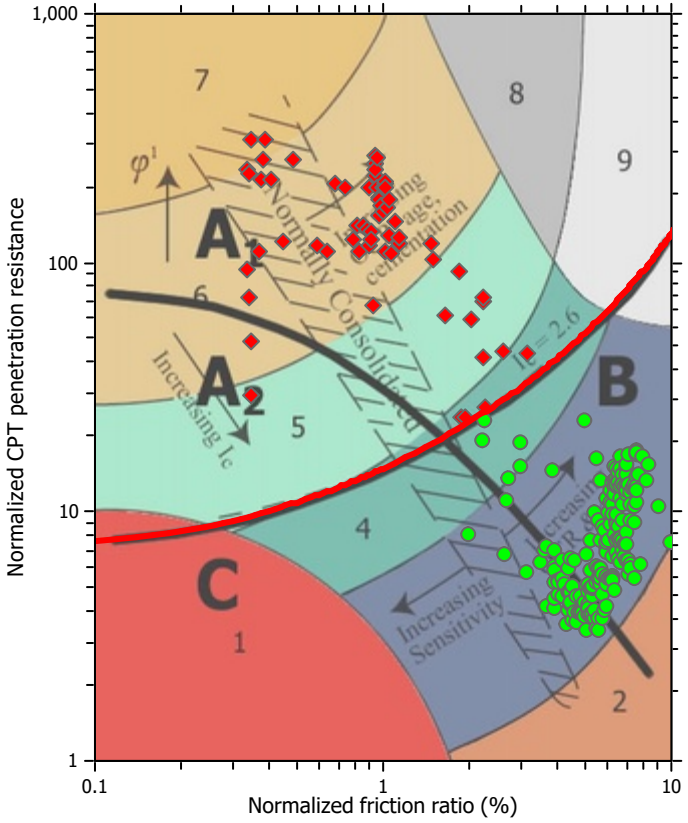
F.S. color scheme

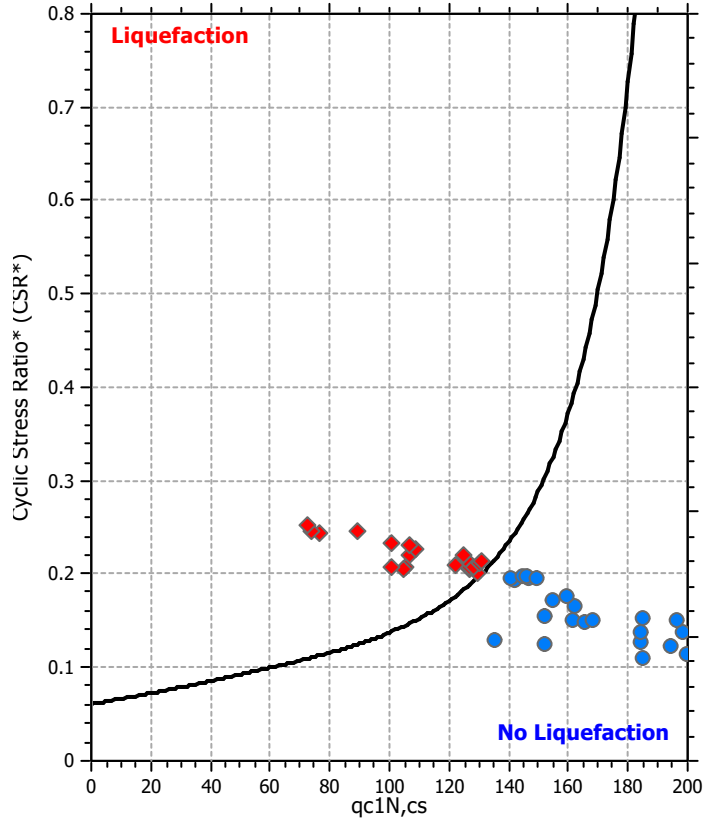
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

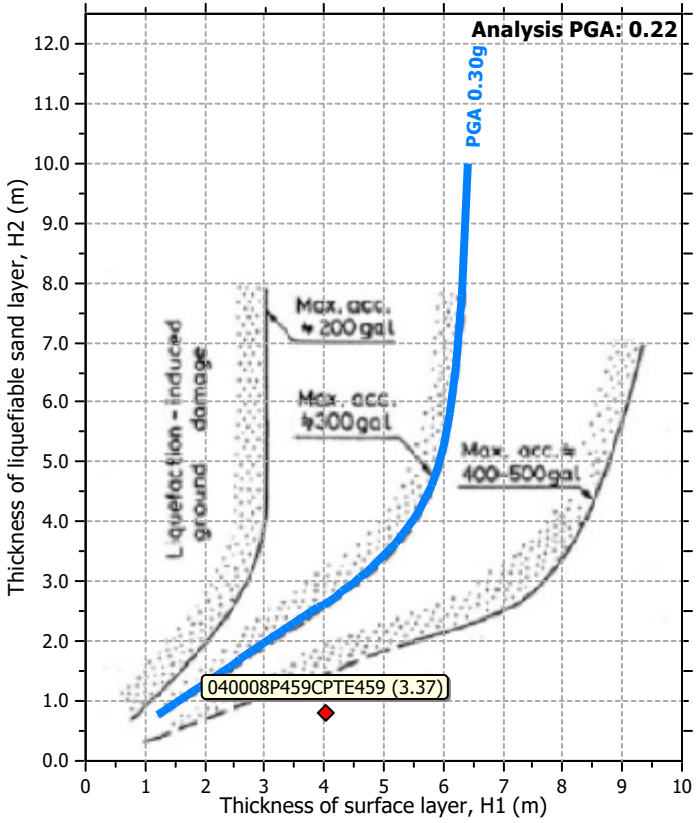
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



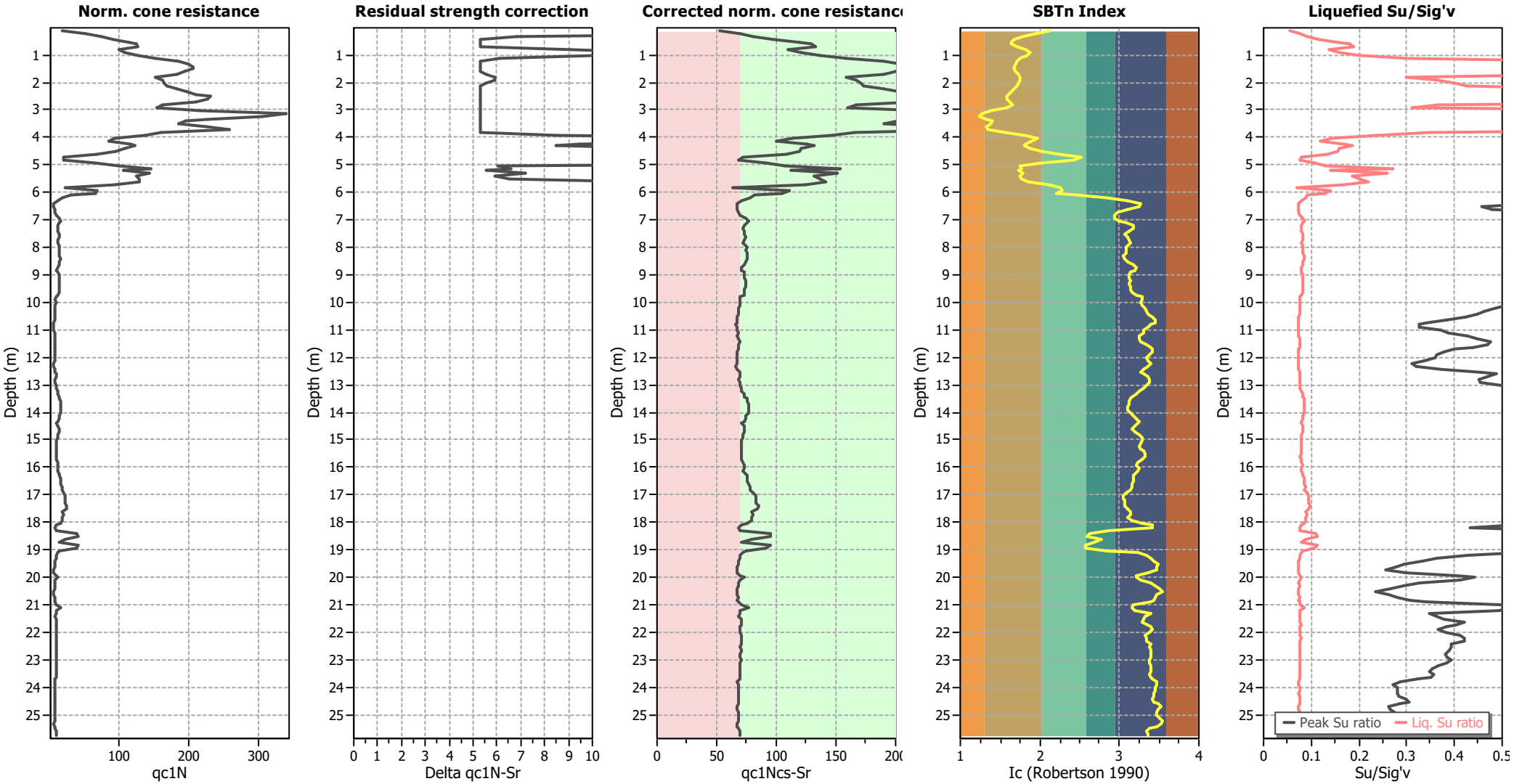




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.12	2.00	0.00	0.00	0.10	0.00	0.22	2.00	0.00	0.00	0.10	0.00
0.32	2.00	0.00	0.00	0.10	0.00	0.42	2.00	0.00	0.00	0.10	0.00
0.52	2.00	0.00	0.00	0.10	0.00	0.62	2.00	0.00	0.00	0.10	0.00
0.72	2.00	0.00	0.00	0.10	0.00	0.82	2.00	0.00	0.00	0.10	0.00
0.92	2.00	0.00	0.00	0.10	0.00	1.02	1.68	0.00	0.00	0.10	0.00
1.12	2.00	0.00	0.00	0.10	0.00	1.22	2.00	0.00	0.00	0.10	0.00
1.32	2.00	0.00	0.00	0.10	0.00	1.42	2.00	0.00	0.00	0.10	0.00
1.52	2.00	0.00	0.00	0.10	0.00	1.62	2.00	0.00	0.00	0.10	0.00
1.72	2.00	0.00	0.00	0.10	0.00	1.82	2.00	0.00	0.00	0.10	0.00
1.92	2.00	0.00	0.00	0.10	0.00	2.02	2.00	0.00	0.00	0.10	0.00
2.12	2.00	0.00	0.00	0.10	0.00	2.22	2.00	0.00	0.00	0.10	0.00
2.32	2.00	0.00	0.00	0.10	0.00	2.42	2.00	0.00	0.00	0.10	0.00
2.52	2.00	0.00	0.00	0.10	0.00	2.62	2.00	0.00	0.00	0.10	0.00
2.72	2.00	0.00	0.00	0.10	0.00	2.82	2.00	0.00	0.00	0.10	0.00
2.92	1.90	0.00	0.00	0.10	0.00	3.02	2.00	0.00	0.00	0.10	0.00
3.12	2.00	0.00	0.00	0.10	0.00	3.22	2.00	0.00	0.00	0.10	0.00
3.32	2.00	0.00	0.00	0.10	0.00	3.42	2.00	0.00	0.00	0.10	0.00
3.52	2.00	0.00	0.00	0.10	0.00	3.62	2.00	0.00	0.00	0.10	0.00
3.72	2.00	0.00	0.00	0.10	0.00	3.82	2.00	0.00	0.00	0.10	0.00
3.92	1.28	0.00	0.00	0.10	0.00	4.02	0.97	0.00	0.00	0.10	0.02
4.12	0.67	0.00	0.00	0.10	0.26	4.22	0.84	0.00	0.00	0.10	0.12
4.32	0.91	0.00	0.00	0.10	0.07	4.42	0.91	0.00	0.00	0.10	0.07
4.52	1.22	0.00	0.00	0.10	0.00	4.62	0.93	0.00	0.00	0.10	0.05
4.72	0.46	0.54	0.44	0.10	0.41	4.82	0.45	0.55	0.43	0.10	0.42
4.92	0.66	0.00	0.00	0.10	0.26	5.02	0.60	0.40	0.62	0.10	0.30
5.12	1.39	0.00	0.00	0.10	0.00	5.22	0.64	0.36	0.71	0.10	0.27
5.32	1.31	0.00	0.00	0.10	0.00	5.42	0.86	0.00	0.00	0.10	0.10
5.52	0.94	0.00	0.00	0.10	0.05	5.62	1.36	0.00	0.00	0.10	0.00
5.72	1.48	0.00	0.00	0.10	0.00	5.82	0.43	0.57	0.41	0.10	0.40
5.92	0.94	0.00	0.00	0.10	0.04	6.02	0.83	0.00	0.00	0.10	0.12
6.12	0.51	0.49	0.49	0.10	0.34	6.22	2.00	0.00	0.00	0.10	0.00
6.32	2.00	0.00	0.00	0.10	0.00	6.42	2.00	0.00	0.00	0.10	0.00
6.52	2.00	0.00	0.00	0.10	0.00	6.62	2.00	0.00	0.00	0.10	0.00
6.72	2.00	0.00	0.00	0.10	0.00	6.82	2.00	0.00	0.00	0.10	0.00
6.92	2.00	0.00	0.00	0.10	0.00	7.02	2.00	0.00	0.00	0.10	0.00
7.12	2.00	0.00	0.00	0.10	0.00	7.22	2.00	0.00	0.00	0.10	0.00
7.32	2.00	0.00	0.00	0.10	0.00	7.42	2.00	0.00	0.00	0.10	0.00
7.52	2.00	0.00	0.00	0.10	0.00	7.62	2.00	0.00	0.00	0.10	0.00
7.72	2.00	0.00	0.00	0.10	0.00	7.82	2.00	0.00	0.00	0.10	0.00
7.92	2.00	0.00	0.00	0.10	0.00	8.02	2.00	0.00	0.00	0.10	0.00
8.12	2.00	0.00	0.00	0.10	0.00	8.22	2.00	0.00	0.00	0.10	0.00
8.32	2.00	0.00	0.00	0.10	0.00	8.42	2.00	0.00	0.00	0.10	0.00
8.52	2.00	0.00	0.00	0.10	0.00	8.62	2.00	0.00	0.00	0.10	0.00
8.72	2.00	0.00	0.00	0.10	0.00	8.82	2.00	0.00	0.00	0.10	0.00
8.92	2.00	0.00	0.00	0.10	0.00	9.02	2.00	0.00	0.00	0.10	0.00
9.12	2.00	0.00	0.00	0.10	0.00	9.22	2.00	0.00	0.00	0.10	0.00
9.32	2.00	0.00	0.00	0.10	0.00	9.42	2.00	0.00	0.00	0.10	0.00
9.52	2.00	0.00	0.00	0.10	0.00	9.62	2.00	0.00	0.00	0.10	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.72	2.00	0.00	0.00	0.10	0.00	9.82	2.00	0.00	0.00	0.10	0.00
9.92	2.00	0.00	0.00	0.10	0.00	10.02	2.00	0.00	0.00	0.10	0.00
10.12	2.00	0.00	0.00	0.10	0.00	10.22	2.00	0.00	0.00	0.10	0.00
10.32	2.00	0.00	0.00	0.10	0.00	10.42	2.00	0.00	0.00	0.10	0.00
10.52	2.00	0.00	0.00	0.10	0.00	10.62	2.00	0.00	0.00	0.10	0.00
10.72	2.00	0.00	0.00	0.10	0.00	10.82	2.00	0.00	0.00	0.10	0.00
10.92	2.00	0.00	0.00	0.10	0.00	11.02	2.00	0.00	0.00	0.10	0.00
11.12	2.00	0.00	0.00	0.10	0.00	11.22	2.00	0.00	0.00	0.10	0.00
11.32	2.00	0.00	0.00	0.10	0.00	11.42	2.00	0.00	0.00	0.10	0.00
11.52	2.00	0.00	0.00	0.10	0.00	11.62	2.00	0.00	0.00	0.10	0.00
11.72	2.00	0.00	0.00	0.10	0.00	11.82	2.00	0.00	0.00	0.10	0.00
11.92	2.00	0.00	0.00	0.10	0.00	12.02	2.00	0.00	0.00	0.10	0.00
12.12	2.00	0.00	0.00	0.10	0.00	12.22	2.00	0.00	0.00	0.10	0.00
12.32	2.00	0.00	0.00	0.10	0.00	12.42	2.00	0.00	0.00	0.10	0.00
12.52	2.00	0.00	0.00	0.10	0.00	12.62	2.00	0.00	0.00	0.10	0.00
12.72	2.00	0.00	0.00	0.10	0.00	12.82	2.00	0.00	0.00	0.10	0.00
12.92	2.00	0.00	0.00	0.10	0.00	13.02	2.00	0.00	0.00	0.10	0.00
13.12	2.00	0.00	0.00	0.10	0.00	13.22	2.00	0.00	0.00	0.10	0.00
13.32	2.00	0.00	0.00	0.10	0.00	13.42	2.00	0.00	0.00	0.10	0.00
13.52	2.00	0.00	0.00	0.10	0.00	13.62	2.00	0.00	0.00	0.10	0.00
13.72	2.00	0.00	0.00	0.10	0.00	13.82	2.00	0.00	0.00	0.10	0.00
13.92	2.00	0.00	0.00	0.10	0.00	14.02	2.00	0.00	0.00	0.10	0.00
14.12	2.00	0.00	0.00	0.10	0.00	14.22	2.00	0.00	0.00	0.10	0.00
14.32	2.00	0.00	0.00	0.10	0.00	14.42	2.00	0.00	0.00	0.10	0.00
14.52	2.00	0.00	0.00	0.10	0.00	14.62	2.00	0.00	0.00	0.10	0.00
14.72	2.00	0.00	0.00	0.10	0.00	14.82	2.00	0.00	0.00	0.10	0.00
14.92	2.00	0.00	0.00	0.10	0.00	15.02	2.00	0.00	0.00	0.10	0.00
15.12	2.00	0.00	0.00	0.10	0.00	15.22	2.00	0.00	0.00	0.10	0.00
15.32	2.00	0.00	0.00	0.10	0.00	15.42	2.00	0.00	0.00	0.10	0.00
15.52	2.00	0.00	0.00	0.10	0.00	15.62	2.00	0.00	0.00	0.10	0.00
15.72	2.00	0.00	0.00	0.10	0.00	15.82	2.00	0.00	0.00	0.10	0.00
15.92	2.00	0.00	0.00	0.10	0.00	16.02	2.00	0.00	0.00	0.10	0.00
16.12	2.00	0.00	0.00	0.10	0.00	16.22	2.00	0.00	0.00	0.10	0.00
16.32	2.00	0.00	0.00	0.10	0.00	16.42	2.00	0.00	0.00	0.10	0.00
16.52	2.00	0.00	0.00	0.10	0.00	16.62	2.00	0.00	0.00	0.10	0.00
16.72	2.00	0.00	0.00	0.10	0.00	16.82	2.00	0.00	0.00	0.10	0.00
16.92	2.00	0.00	0.00	0.10	0.00	17.02	2.00	0.00	0.00	0.10	0.00
17.12	2.00	0.00	0.00	0.10	0.00	17.22	2.00	0.00	0.00	0.10	0.00
17.32	2.00	0.00	0.00	0.10	0.00	17.42	2.00	0.00	0.00	0.10	0.00
17.52	2.00	0.00	0.00	0.10	0.00	17.62	2.00	0.00	0.00	0.10	0.00
17.72	2.00	0.00	0.00	0.10	0.00	17.82	2.00	0.00	0.00	0.10	0.00
17.92	2.00	0.00	0.00	0.10	0.00	18.02	2.00	0.00	0.00	0.10	0.00
18.12	2.00	0.00	0.00	0.10	0.00	18.22	2.00	0.00	0.00	0.10	0.00
18.32	2.00	0.00	0.00	0.10	0.00	18.42	2.00	0.00	0.00	0.10	0.00
18.52	0.70	0.00	0.00	0.10	0.02	18.62	2.00	0.00	0.00	0.10	0.00
18.72	2.00	0.00	0.00	0.10	0.00	18.82	0.70	0.00	0.00	0.10	0.02
18.92	0.67	0.00	0.00	0.10	0.02	19.02	2.00	0.00	0.00	0.10	0.00
19.12	2.00	0.00	0.00	0.10	0.00	19.22	2.00	0.00	0.00	0.10	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.32	2.00	0.00	0.00	0.10	0.00	19.42	2.00	0.00	0.00	0.10	0.00
19.52	2.00	0.00	0.00	0.10	0.00	19.62	2.00	0.00	0.00	0.10	0.00
19.72	2.00	0.00	0.00	0.10	0.00	19.82	2.00	0.00	0.00	0.10	0.00
19.92	2.00	0.00	0.00	0.10	0.00	20.02	2.00	0.00	0.00	0.10	0.00
20.12	2.00	0.00	0.00	0.10	0.00	20.22	2.00	0.00	0.00	0.10	0.00
20.32	2.00	0.00	0.00	0.10	0.00	20.42	2.00	0.00	0.00	0.10	0.00
20.52	2.00	0.00	0.00	0.10	0.00	20.62	2.00	0.00	0.00	0.10	0.00
20.72	2.00	0.00	0.00	0.10	0.00	20.82	2.00	0.00	0.00	0.10	0.00
20.92	2.00	0.00	0.00	0.10	0.00	21.02	2.00	0.00	0.00	0.10	0.00
21.12	2.00	0.00	0.00	0.10	0.00	21.22	2.00	0.00	0.00	0.10	0.00
21.32	2.00	0.00	0.00	0.10	0.00	21.42	2.00	0.00	0.00	0.10	0.00
21.52	2.00	0.00	0.00	0.10	0.00	21.62	2.00	0.00	0.00	0.10	0.00
21.72	2.00	0.00	0.00	0.10	0.00	21.82	2.00	0.00	0.00	0.10	0.00
21.92	2.00	0.00	0.00	0.10	0.00	22.02	2.00	0.00	0.00	0.10	0.00
22.12	2.00	0.00	0.00	0.10	0.00	22.22	2.00	0.00	0.00	0.10	0.00
22.32	2.00	0.00	0.00	0.10	0.00	22.42	2.00	0.00	0.00	0.10	0.00
22.52	2.00	0.00	0.00	0.10	0.00	22.62	2.00	0.00	0.00	0.10	0.00
22.72	2.00	0.00	0.00	0.10	0.00	22.82	2.00	0.00	0.00	0.10	0.00
22.92	2.00	0.00	0.00	0.10	0.00	23.02	2.00	0.00	0.00	0.10	0.00
23.12	2.00	0.00	0.00	0.10	0.00	23.22	2.00	0.00	0.00	0.10	0.00
23.32	2.00	0.00	0.00	0.10	0.00	23.42	2.00	0.00	0.00	0.10	0.00
23.52	2.00	0.00	0.00	0.10	0.00	23.62	2.00	0.00	0.00	0.10	0.00
23.72	2.00	0.00	0.00	0.10	0.00	23.82	2.00	0.00	0.00	0.10	0.00
23.92	2.00	0.00	0.00	0.10	0.00	24.02	2.00	0.00	0.00	0.10	0.00
24.12	2.00	0.00	0.00	0.10	0.00	24.22	2.00	0.00	0.00	0.10	0.00
24.32	2.00	0.00	0.00	0.10	0.00	24.42	2.00	0.00	0.00	0.10	0.00
24.52	2.00	0.00	0.00	0.10	0.00	24.62	2.00	0.00	0.00	0.10	0.00
24.72	2.00	0.00	0.00	0.10	0.00	24.82	2.00	0.00	0.00	0.10	0.00
24.92	2.00	0.00	0.00	0.10	0.00	25.02	2.00	0.00	0.00	0.10	0.00
25.12	2.00	0.00	0.00	0.10	0.00	25.22	2.00	0.00	0.00	0.10	0.00
25.32	2.00	0.00	0.00	0.10	0.00	25.42	2.00	0.00	0.00	0.10	0.00
25.52	2.00	0.00	0.00	0.10	0.00	25.62	2.00	0.00	0.00	0.10	0.00
25.72	2.00	0.00	0.00	0.10	0.00	25.76	2.00	0.00	0.00	0.04	0.00

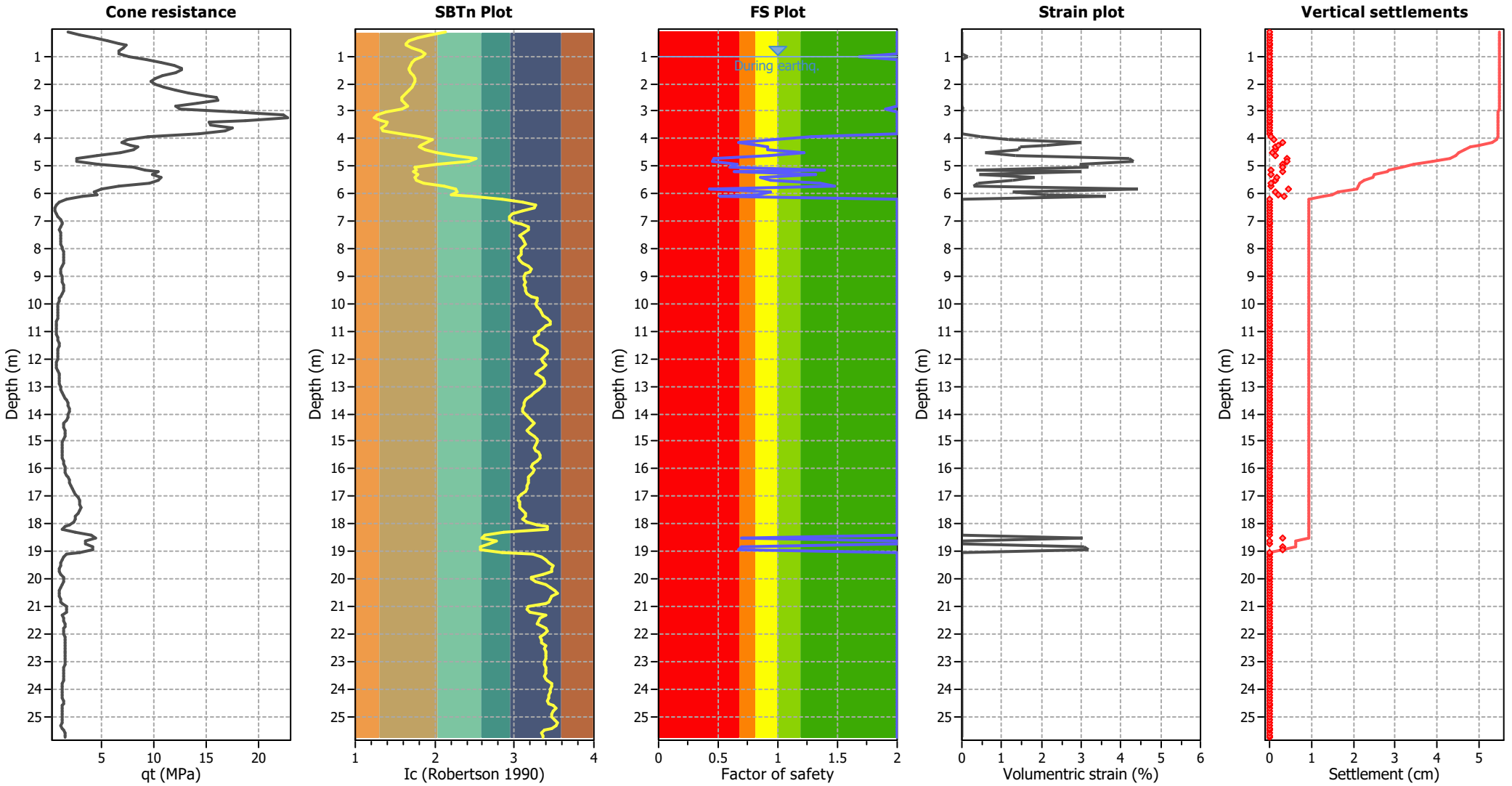
Overall liquefaction potential: 3.37

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.02	135.25	1.68	0.15	1.00	0.01	1.12	152.52	2.00	0.00	1.00	0.00
1.22	185.39	2.00	0.00	1.00	0.00	1.32	199.85	2.00	0.00	1.00	0.00
1.42	207.35	2.00	0.00	1.00	0.00	1.52	206.04	2.00	0.00	1.00	0.00
1.62	194.57	2.00	0.00	1.00	0.00	1.72	184.45	2.00	0.00	1.00	0.00
1.82	152.51	2.00	0.00	1.00	0.00	1.92	161.75	2.00	0.00	1.00	0.00
2.02	165.66	2.00	0.00	1.00	0.00	2.12	168.41	2.00	0.00	1.00	0.00
2.22	184.48	2.00	0.00	1.00	0.00	2.32	198.50	2.00	0.00	1.00	0.00
2.42	209.85	2.00	0.00	1.00	0.00	2.52	232.00	2.00	0.00	1.00	0.00
2.62	226.98	2.00	0.00	1.00	0.00	2.72	209.77	2.00	0.00	1.00	0.00
2.82	162.25	2.00	0.00	1.00	0.00	2.92	155.02	1.90	0.04	1.00	0.00
3.02	217.05	2.00	0.00	1.00	0.00	3.12	340.25	2.00	0.00	1.00	0.00
3.22	307.35	2.00	0.00	1.00	0.00	3.32	227.39	2.00	0.00	1.00	0.00
3.42	196.72	2.00	0.00	1.00	0.00	3.52	185.33	2.00	0.00	1.00	0.00
3.62	226.18	2.00	0.00	1.00	0.00	3.72	259.68	2.00	0.00	1.00	0.00
3.82	160.01	2.00	0.00	1.00	0.00	3.92	142.07	1.28	0.49	1.00	0.05
4.02	129.38	0.97	1.18	1.00	0.12	4.12	107.01	0.67	3.00	1.00	0.30
4.22	122.15	0.84	2.11	1.00	0.21	4.32	126.70	0.91	1.47	1.00	0.15
4.42	127.17	0.91	1.44	1.00	0.14	4.52	140.77	1.22	0.57	1.00	0.06
4.62	128.38	0.93	1.35	1.00	0.14	4.72	76.36	0.46	4.19	1.00	0.42
4.82	73.75	0.45	4.33	1.00	0.43	4.92	108.44	0.66	2.96	1.00	0.30
5.02	100.95	0.60	3.18	1.00	0.32	5.12	146.98	1.39	0.36	1.00	0.04
5.22	106.43	0.64	3.01	1.00	0.30	5.32	144.95	1.31	0.45	1.00	0.04
5.42	125.63	0.86	1.83	1.00	0.18	5.52	130.28	0.94	1.29	1.00	0.13
5.62	146.58	1.36	0.40	1.00	0.04	5.72	149.71	1.48	0.29	1.00	0.03
5.82	72.16	0.43	4.42	1.00	0.44	5.92	130.98	0.94	1.26	1.00	0.13
6.02	124.57	0.83	2.10	1.00	0.21	6.12	89.19	0.51	3.60	1.00	0.36
6.22	19.09	2.00	0.00	1.00	0.00	6.32	11.20	2.00	0.00	1.00	0.00
6.42	6.80	2.00	0.00	1.00	0.00	6.52	6.86	2.00	0.00	1.00	0.00
6.62	7.24	2.00	0.00	1.00	0.00	6.72	7.67	2.00	0.00	1.00	0.00
6.82	10.14	2.00	0.00	1.00	0.00	6.92	14.94	2.00	0.00	1.00	0.00
7.02	16.85	2.00	0.00	1.00	0.00	7.12	14.98	2.00	0.00	1.00	0.00
7.22	12.78	2.00	0.00	1.00	0.00	7.32	11.46	2.00	0.00	1.00	0.00
7.42	12.62	2.00	0.00	1.00	0.00	7.52	13.47	2.00	0.00	1.00	0.00
7.62	13.96	2.00	0.00	1.00	0.00	7.72	12.85	2.00	0.00	1.00	0.00
7.82	12.44	2.00	0.00	1.00	0.00	7.92	13.83	2.00	0.00	1.00	0.00
8.02	14.98	2.00	0.00	1.00	0.00	8.12	14.79	2.00	0.00	1.00	0.00
8.22	15.14	2.00	0.00	1.00	0.00	8.32	15.28	2.00	0.00	1.00	0.00
8.42	16.18	2.00	0.00	1.00	0.00	8.52	14.45	2.00	0.00	1.00	0.00
8.62	13.29	2.00	0.00	1.00	0.00	8.72	11.26	2.00	0.00	1.00	0.00
8.82	10.88	2.00	0.00	1.00	0.00	8.92	12.75	2.00	0.00	1.00	0.00
9.02	13.43	2.00	0.00	1.00	0.00	9.12	13.36	2.00	0.00	1.00	0.00
9.22	14.24	2.00	0.00	1.00	0.00	9.32	13.85	2.00	0.00	1.00	0.00
9.42	14.10	2.00	0.00	1.00	0.00	9.52	13.71	2.00	0.00	1.00	0.00
9.62	13.64	2.00	0.00	1.00	0.00	9.72	12.75	2.00	0.00	1.00	0.00
9.82	9.85	2.00	0.00	1.00	0.00	9.92	8.96	2.00	0.00	1.00	0.00
10.02	9.37	2.00	0.00	1.00	0.00	10.12	9.02	2.00	0.00	1.00	0.00
10.22	8.21	2.00	0.00	1.00	0.00	10.32	8.40	2.00	0.00	1.00	0.00
10.42	8.28	2.00	0.00	1.00	0.00	10.52	7.64	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.62	7.49	2.00	0.00	1.00	0.00	10.72	6.65	2.00	0.00	1.00	0.00
10.82	6.01	2.00	0.00	1.00	0.00	10.92	6.85	2.00	0.00	1.00	0.00
11.02	6.71	2.00	0.00	1.00	0.00	11.12	7.97	2.00	0.00	1.00	0.00
11.22	7.61	2.00	0.00	1.00	0.00	11.32	8.41	2.00	0.00	1.00	0.00
11.42	9.04	2.00	0.00	1.00	0.00	11.52	8.87	2.00	0.00	1.00	0.00
11.62	8.23	2.00	0.00	1.00	0.00	11.72	7.84	2.00	0.00	1.00	0.00
11.82	7.18	2.00	0.00	1.00	0.00	11.92	7.40	2.00	0.00	1.00	0.00
12.02	7.20	2.00	0.00	1.00	0.00	12.12	7.12	2.00	0.00	1.00	0.00
12.22	6.62	2.00	0.00	1.00	0.00	12.32	5.96	2.00	0.00	1.00	0.00
12.42	7.60	2.00	0.00	1.00	0.00	12.52	8.95	2.00	0.00	1.00	0.00
12.62	9.69	2.00	0.00	1.00	0.00	12.72	9.14	2.00	0.00	1.00	0.00
12.82	8.25	2.00	0.00	1.00	0.00	12.92	8.88	2.00	0.00	1.00	0.00
13.02	9.45	2.00	0.00	1.00	0.00	13.12	10.14	2.00	0.00	1.00	0.00
13.22	11.28	2.00	0.00	1.00	0.00	13.32	13.04	2.00	0.00	1.00	0.00
13.42	13.35	2.00	0.00	1.00	0.00	13.52	15.19	2.00	0.00	1.00	0.00
13.62	15.85	2.00	0.00	1.00	0.00	13.72	17.13	2.00	0.00	1.00	0.00
13.82	16.26	2.00	0.00	1.00	0.00	13.92	16.46	2.00	0.00	1.00	0.00
14.02	17.37	2.00	0.00	1.00	0.00	14.12	14.83	2.00	0.00	1.00	0.00
14.22	14.07	2.00	0.00	1.00	0.00	14.32	12.61	2.00	0.00	1.00	0.00
14.42	10.57	2.00	0.00	1.00	0.00	14.52	12.87	2.00	0.00	1.00	0.00
14.62	13.60	2.00	0.00	1.00	0.00	14.72	13.55	2.00	0.00	1.00	0.00
14.82	12.47	2.00	0.00	1.00	0.00	14.92	11.65	2.00	0.00	1.00	0.00
15.02	10.51	2.00	0.00	1.00	0.00	15.12	10.98	2.00	0.00	1.00	0.00
15.22	10.86	2.00	0.00	1.00	0.00	15.32	10.82	2.00	0.00	1.00	0.00
15.42	10.95	2.00	0.00	1.00	0.00	15.52	10.66	2.00	0.00	1.00	0.00
15.62	10.37	2.00	0.00	1.00	0.00	15.72	11.17	2.00	0.00	1.00	0.00
15.82	11.54	2.00	0.00	1.00	0.00	15.92	13.00	2.00	0.00	1.00	0.00
16.02	12.70	2.00	0.00	1.00	0.00	16.12	11.92	2.00	0.00	1.00	0.00
16.22	13.77	2.00	0.00	1.00	0.00	16.32	15.12	2.00	0.00	1.00	0.00
16.42	15.40	2.00	0.00	1.00	0.00	16.52	16.00	2.00	0.00	1.00	0.00
16.62	16.84	2.00	0.00	1.00	0.00	16.72	17.85	2.00	0.00	1.00	0.00
16.82	17.46	2.00	0.00	1.00	0.00	16.92	20.83	2.00	0.00	1.00	0.00
17.02	22.40	2.00	0.00	1.00	0.00	17.12	23.47	2.00	0.00	1.00	0.00
17.22	22.40	2.00	0.00	1.00	0.00	17.32	22.98	2.00	0.00	1.00	0.00
17.42	24.85	2.00	0.00	1.00	0.00	17.52	23.79	2.00	0.00	1.00	0.00
17.62	19.52	2.00	0.00	1.00	0.00	17.72	20.09	2.00	0.00	1.00	0.00
17.82	19.47	2.00	0.00	1.00	0.00	17.92	19.33	2.00	0.00	1.00	0.00
18.02	15.48	2.00	0.00	1.00	0.00	18.12	11.02	2.00	0.00	1.00	0.00
18.22	8.16	2.00	0.00	1.00	0.00	18.32	10.40	2.00	0.00	1.00	0.00
18.42	39.98	2.00	0.00	1.00	0.00	18.52	105.13	0.70	3.05	1.00	0.31
18.62	22.08	2.00	0.00	1.00	0.00	18.72	14.88	2.00	0.00	1.00	0.00
18.82	104.63	0.70	3.07	1.00	0.31	18.92	100.46	0.67	3.20	1.00	0.32
19.02	15.23	2.00	0.00	1.00	0.00	19.12	11.36	2.00	0.00	1.00	0.00
19.22	9.46	2.00	0.00	1.00	0.00	19.32	9.14	2.00	0.00	1.00	0.00
19.42	7.94	2.00	0.00	1.00	0.00	19.52	7.92	2.00	0.00	1.00	0.00
19.62	7.32	2.00	0.00	1.00	0.00	19.72	6.89	2.00	0.00	1.00	0.00
19.82	6.89	2.00	0.00	1.00	0.00	19.92	9.59	2.00	0.00	1.00	0.00
20.02	12.65	2.00	0.00	1.00	0.00	20.12	8.96	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

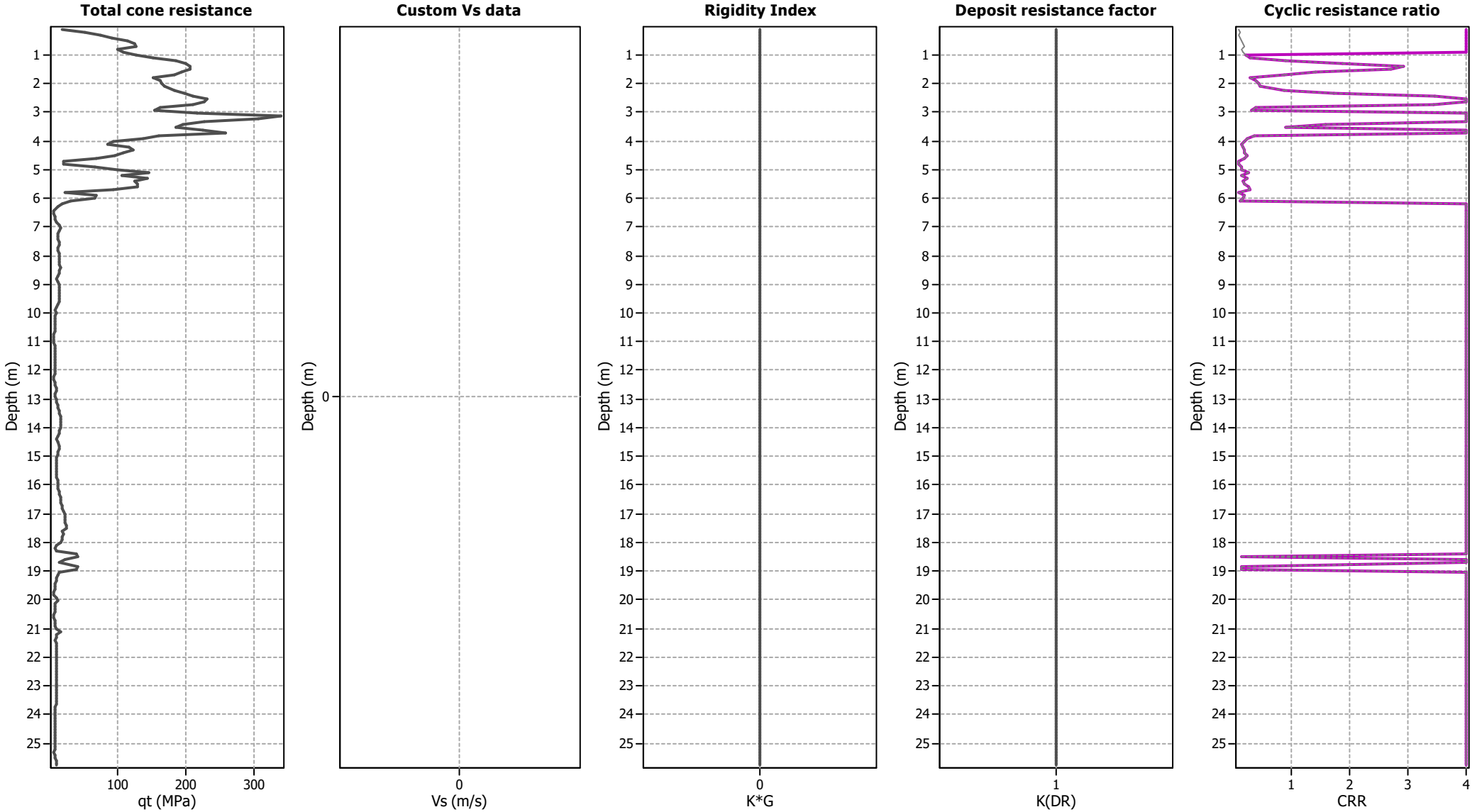
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
20.22	8.00	2.00	0.00	1.00	0.00	20.32	8.12	2.00	0.00	1.00	0.00
20.42	7.10	2.00	0.00	1.00	0.00	20.52	6.57	2.00	0.00	1.00	0.00
20.62	6.61	2.00	0.00	1.00	0.00	20.72	8.54	2.00	0.00	1.00	0.00
20.82	7.60	2.00	0.00	1.00	0.00	20.92	8.22	2.00	0.00	1.00	0.00
21.02	10.33	2.00	0.00	1.00	0.00	21.12	16.30	2.00	0.00	1.00	0.00
21.22	9.43	2.00	0.00	1.00	0.00	21.32	9.19	2.00	0.00	1.00	0.00
21.42	8.18	2.00	0.00	1.00	0.00	21.52	10.20	2.00	0.00	1.00	0.00
21.62	10.18	2.00	0.00	1.00	0.00	21.72	10.58	2.00	0.00	1.00	0.00
21.82	9.22	2.00	0.00	1.00	0.00	21.92	9.26	2.00	0.00	1.00	0.00
22.02	9.59	2.00	0.00	1.00	0.00	22.12	10.19	2.00	0.00	1.00	0.00
22.22	11.00	2.00	0.00	1.00	0.00	22.32	10.14	2.00	0.00	1.00	0.00
22.42	10.18	2.00	0.00	1.00	0.00	22.52	9.54	2.00	0.00	1.00	0.00
22.62	10.27	2.00	0.00	1.00	0.00	22.72	10.11	2.00	0.00	1.00	0.00
22.82	9.33	2.00	0.00	1.00	0.00	22.92	9.99	2.00	0.00	1.00	0.00
23.02	10.38	2.00	0.00	1.00	0.00	23.12	9.94	2.00	0.00	1.00	0.00
23.22	9.44	2.00	0.00	1.00	0.00	23.32	9.42	2.00	0.00	1.00	0.00
23.42	9.27	2.00	0.00	1.00	0.00	23.52	9.18	2.00	0.00	1.00	0.00
23.62	10.03	2.00	0.00	1.00	0.00	23.72	8.93	2.00	0.00	1.00	0.00
23.82	7.58	2.00	0.00	1.00	0.00	23.92	7.96	2.00	0.00	1.00	0.00
24.02	8.08	2.00	0.00	1.00	0.00	24.12	8.26	2.00	0.00	1.00	0.00
24.22	7.91	2.00	0.00	1.00	0.00	24.32	8.09	2.00	0.00	1.00	0.00
24.42	8.54	2.00	0.00	1.00	0.00	24.52	8.85	2.00	0.00	1.00	0.00
24.62	8.43	2.00	0.00	1.00	0.00	24.72	7.50	2.00	0.00	1.00	0.00
24.82	7.55	2.00	0.00	1.00	0.00	24.92	8.57	2.00	0.00	1.00	0.00
25.02	8.04	2.00	0.00	1.00	0.00	25.12	7.82	2.00	0.00	1.00	0.00
25.22	7.81	2.00	0.00	1.00	0.00	25.32	6.89	2.00	0.00	1.00	0.00
25.42	7.39	2.00	0.00	1.00	0.00	25.52	8.79	2.00	0.00	1.00	0.00
25.62	9.29	2.00	0.00	1.00	0.00	25.72	9.72	2.00	0.00	1.00	0.00
25.76	9.20	2.00	0.00	1.00	0.00						

Total estimated settlement: 5.48

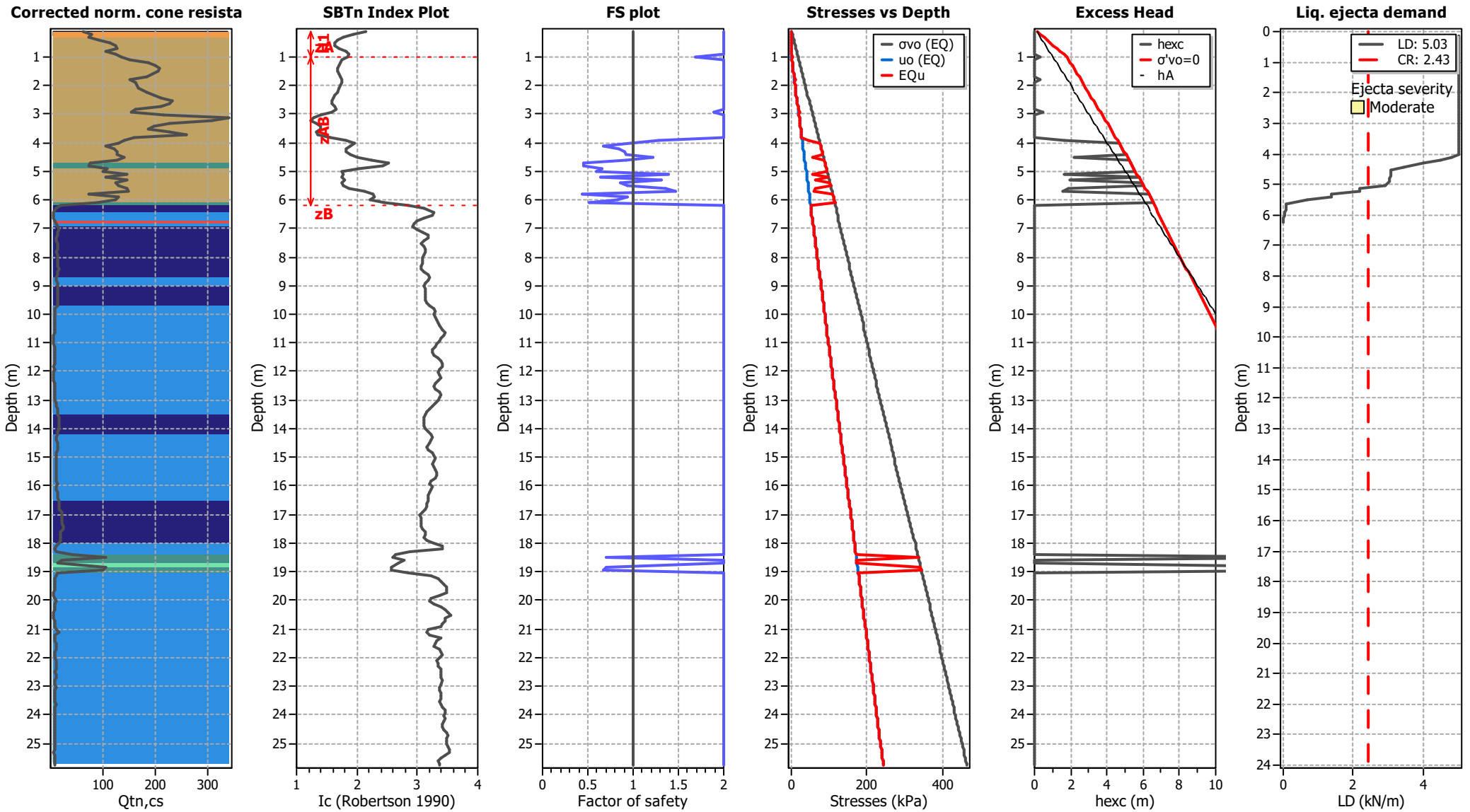
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



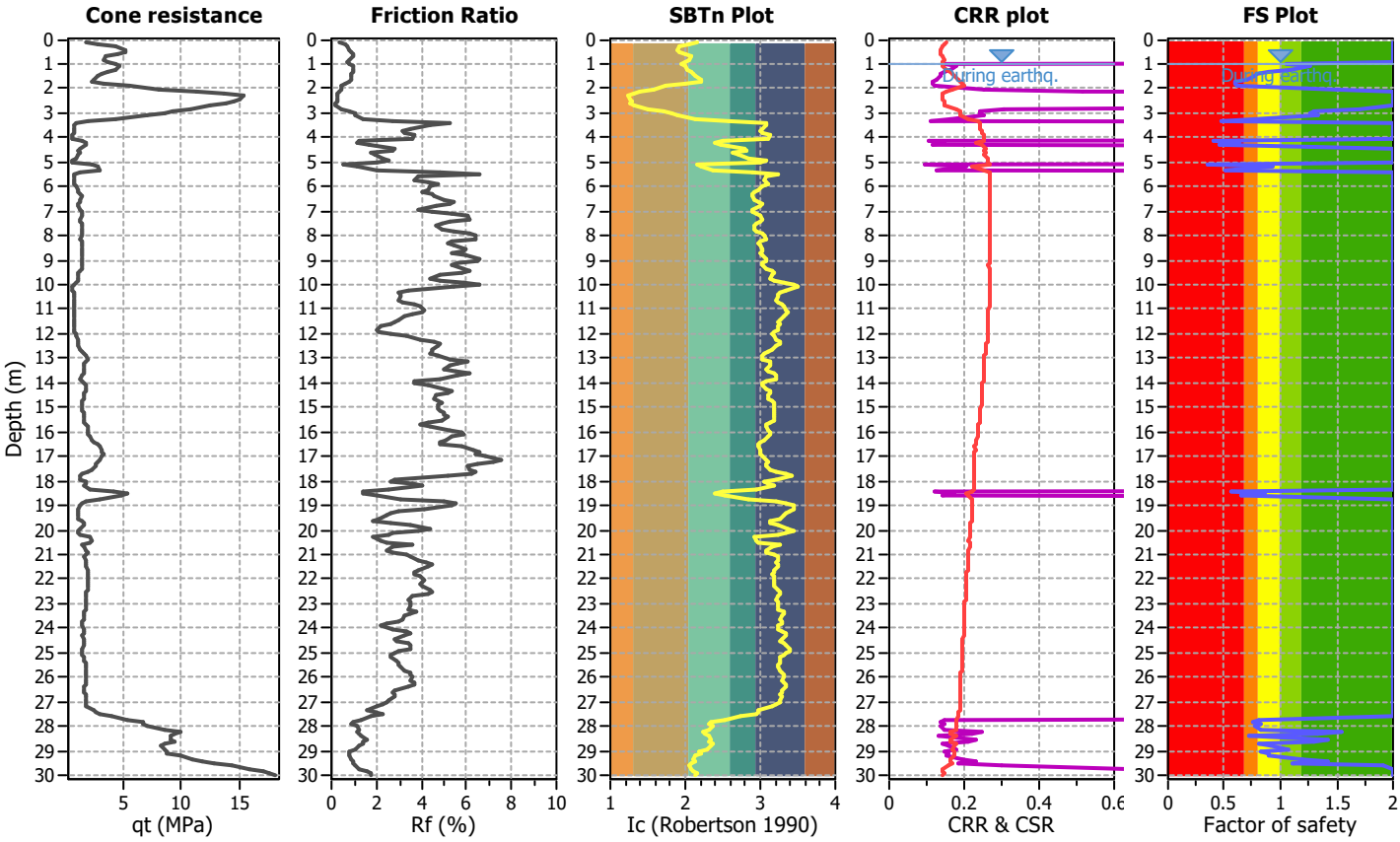
LIQUEFACTION ANALYSIS REPORT

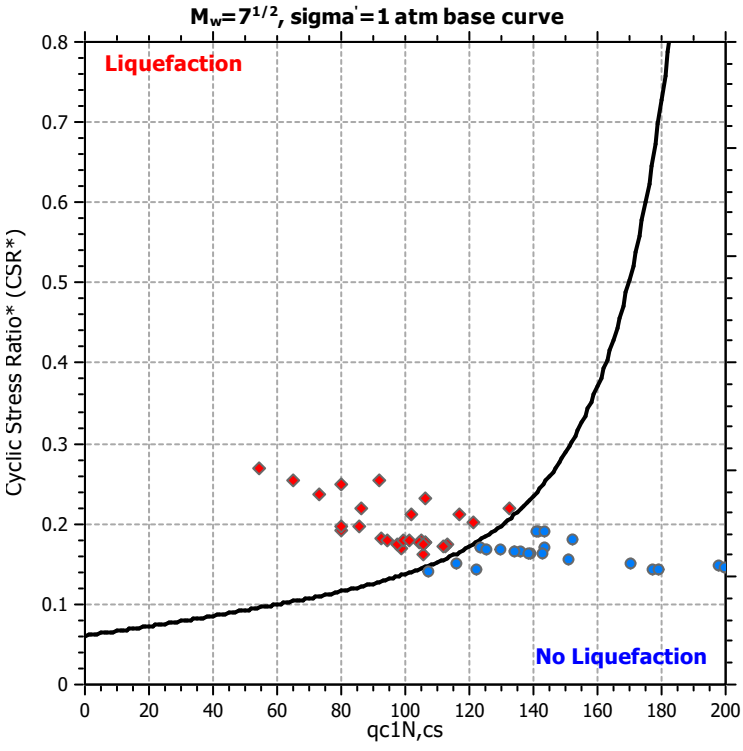
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

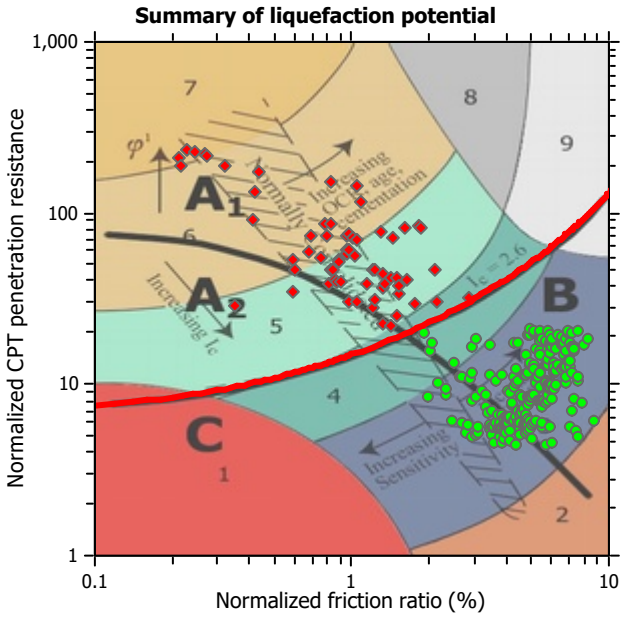
CPT file : 040008P460CPTE460

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

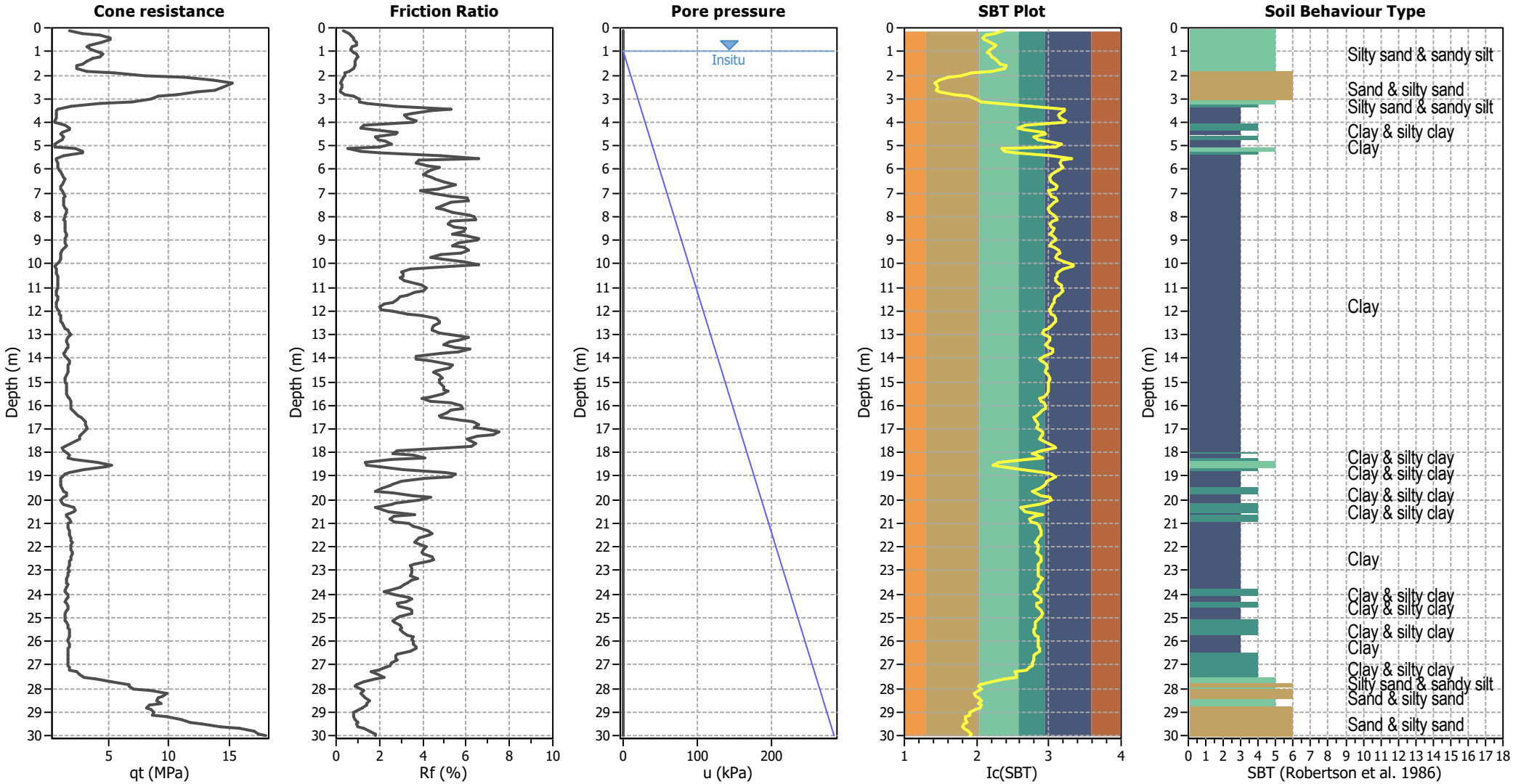






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



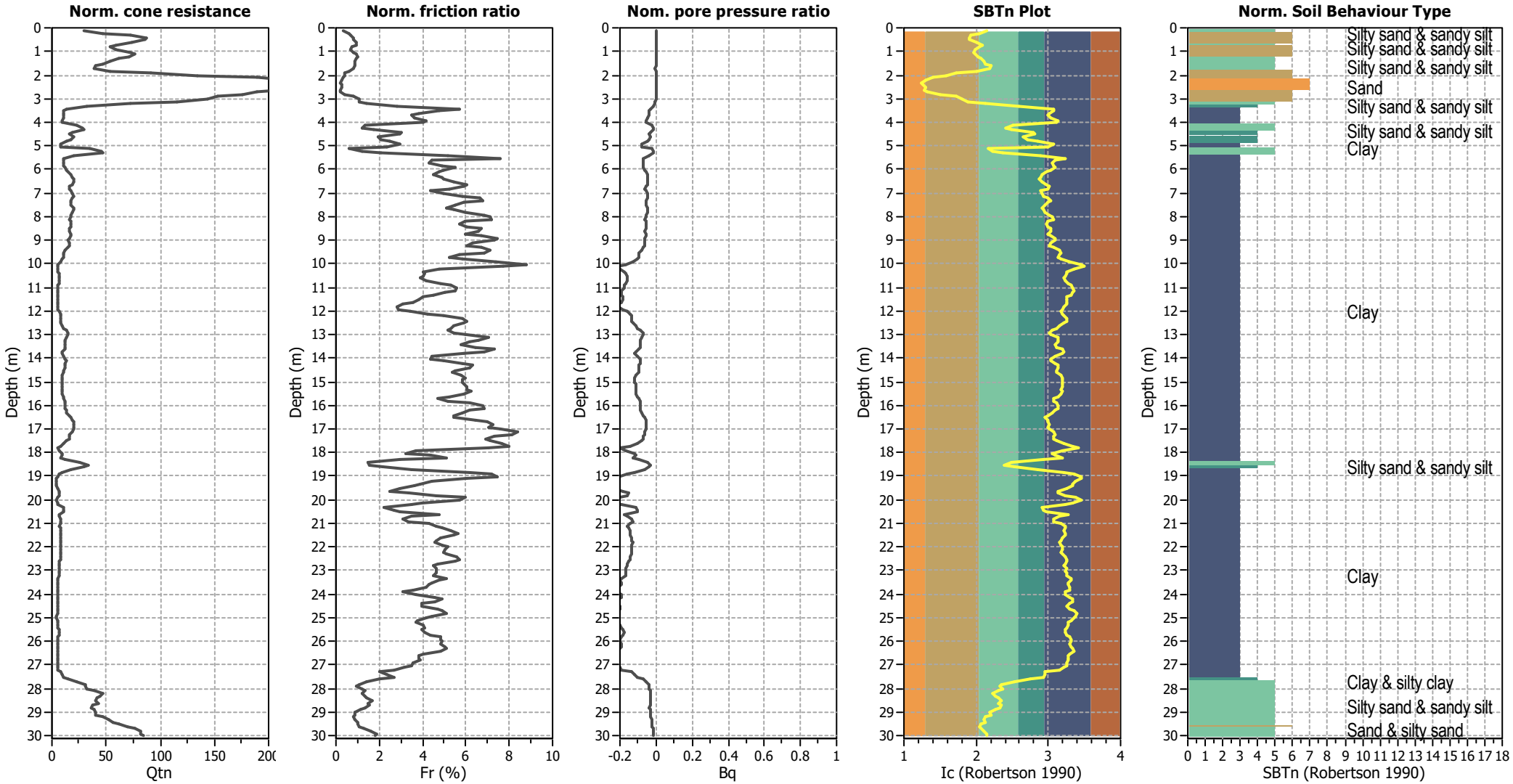
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



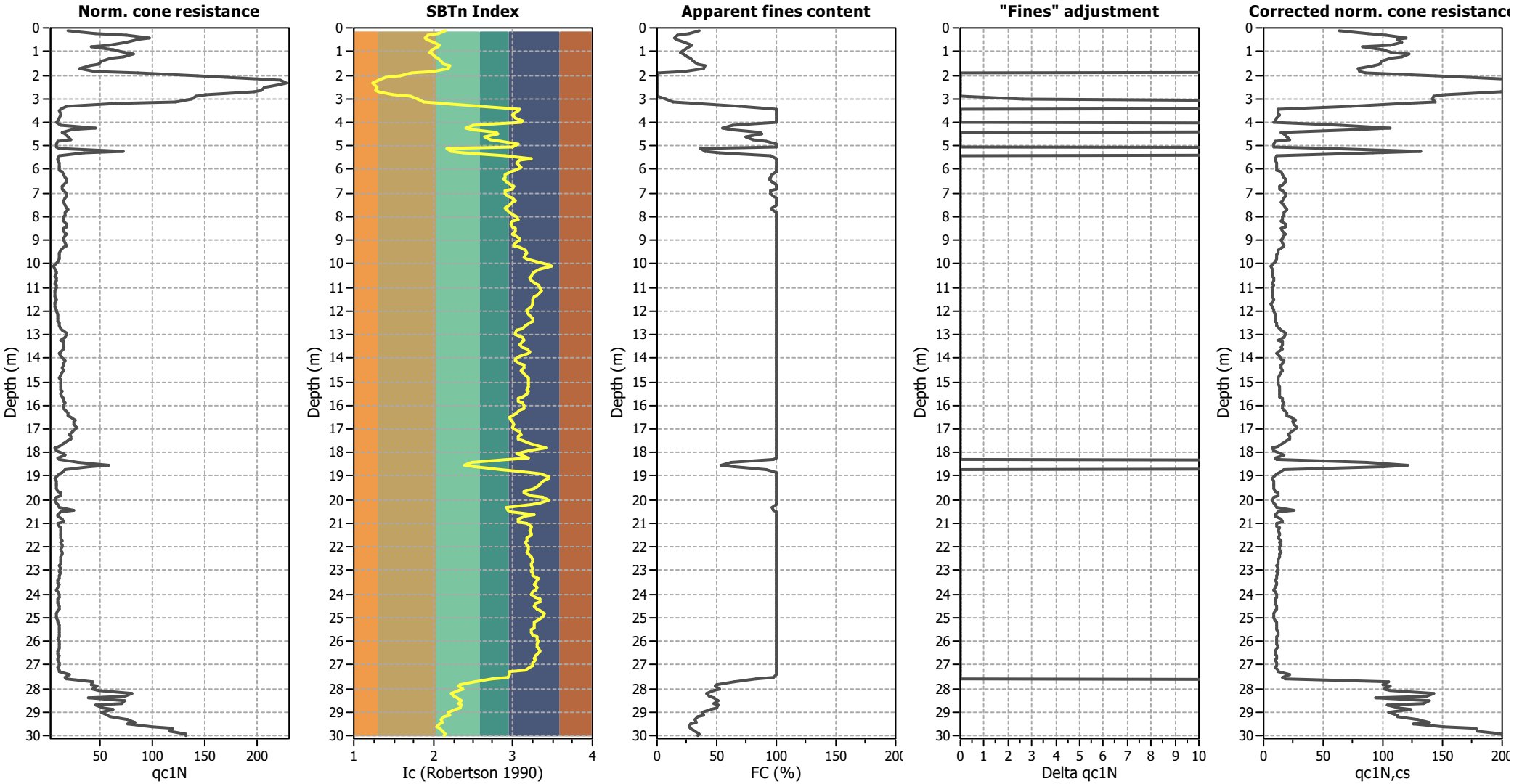
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

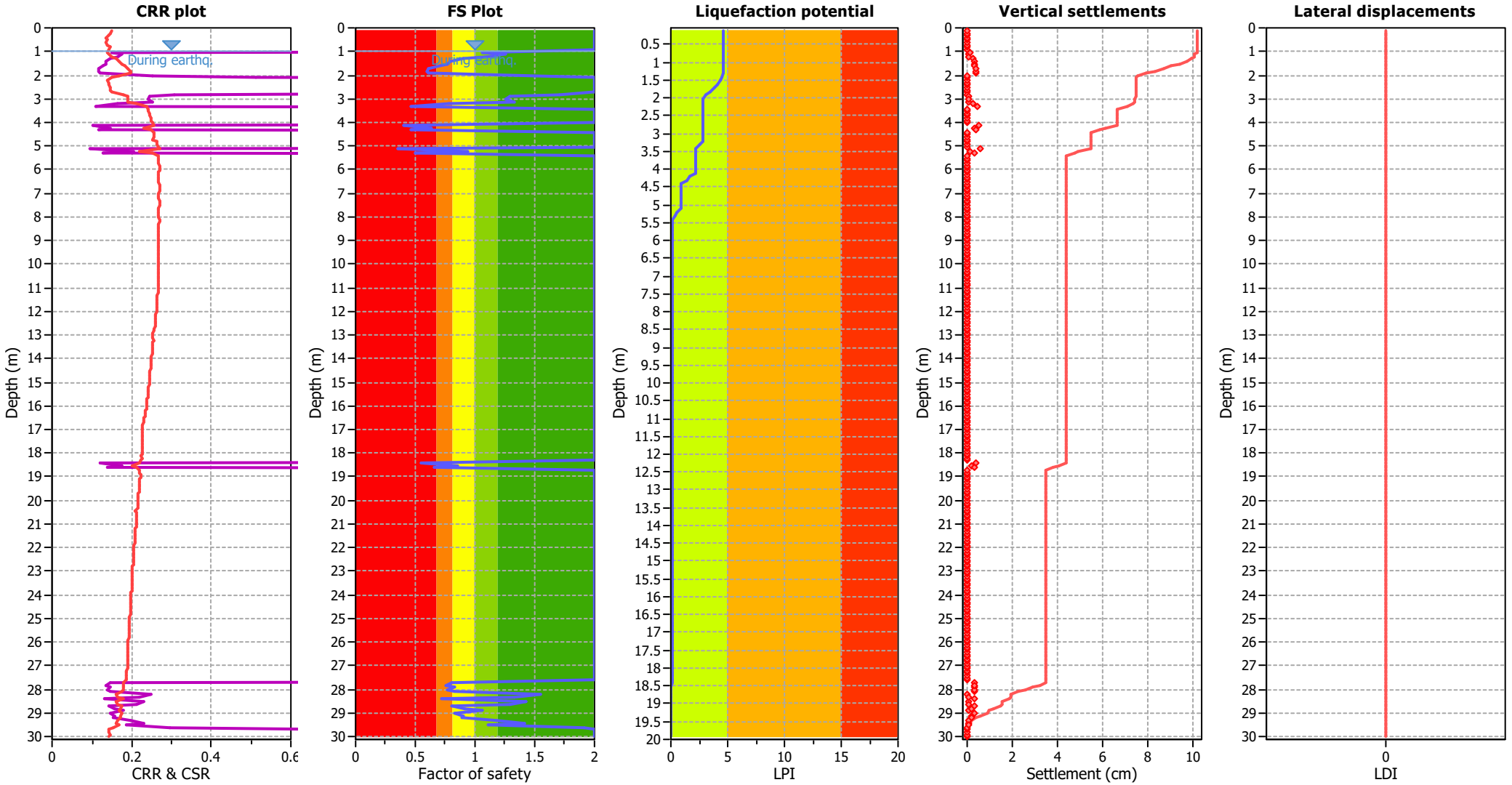
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

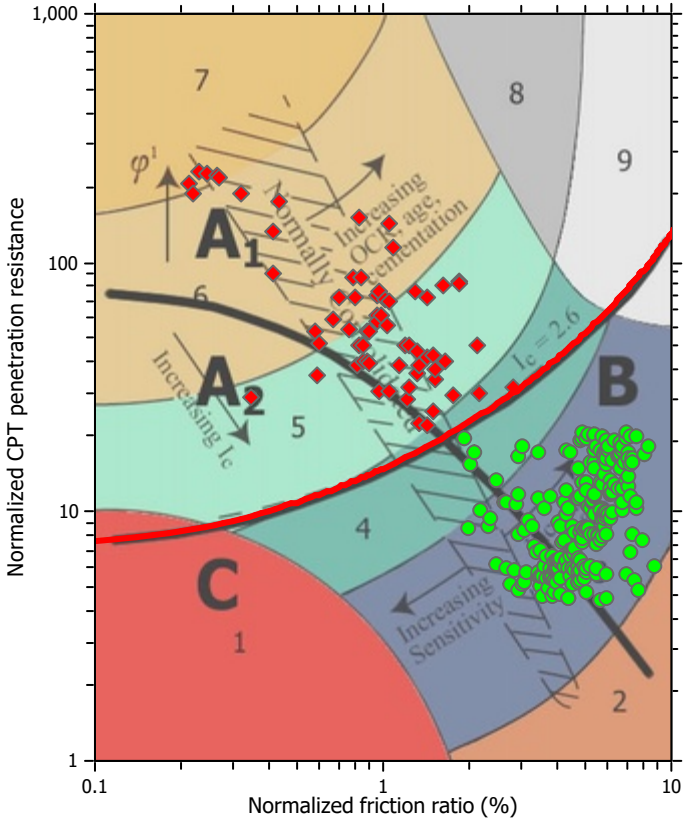
F.S. color scheme

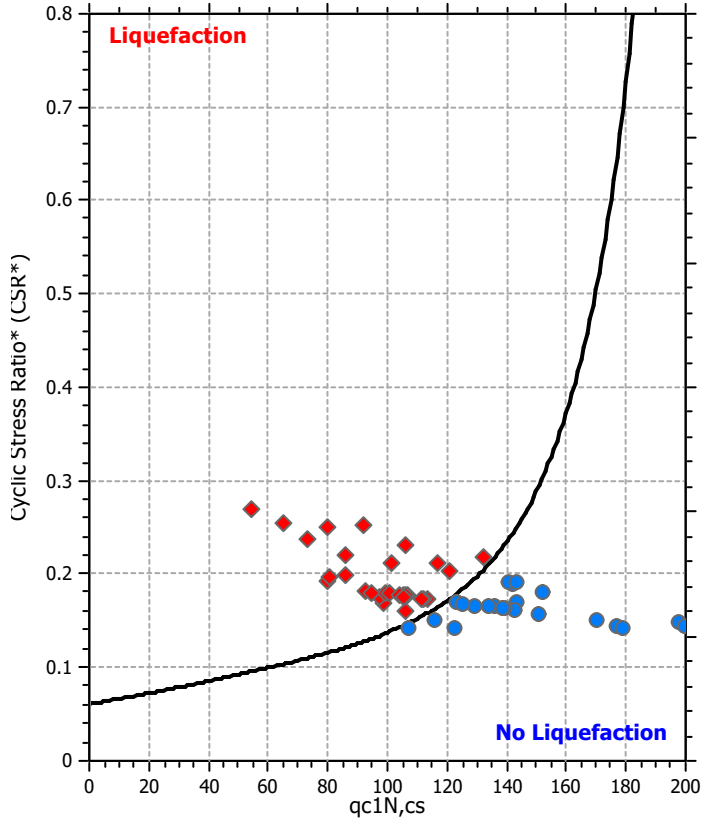
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

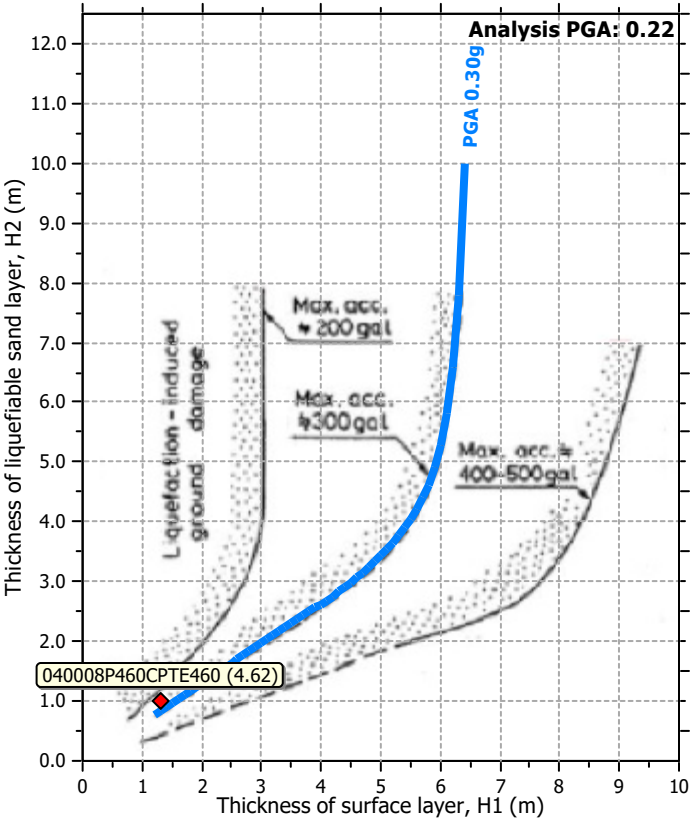
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



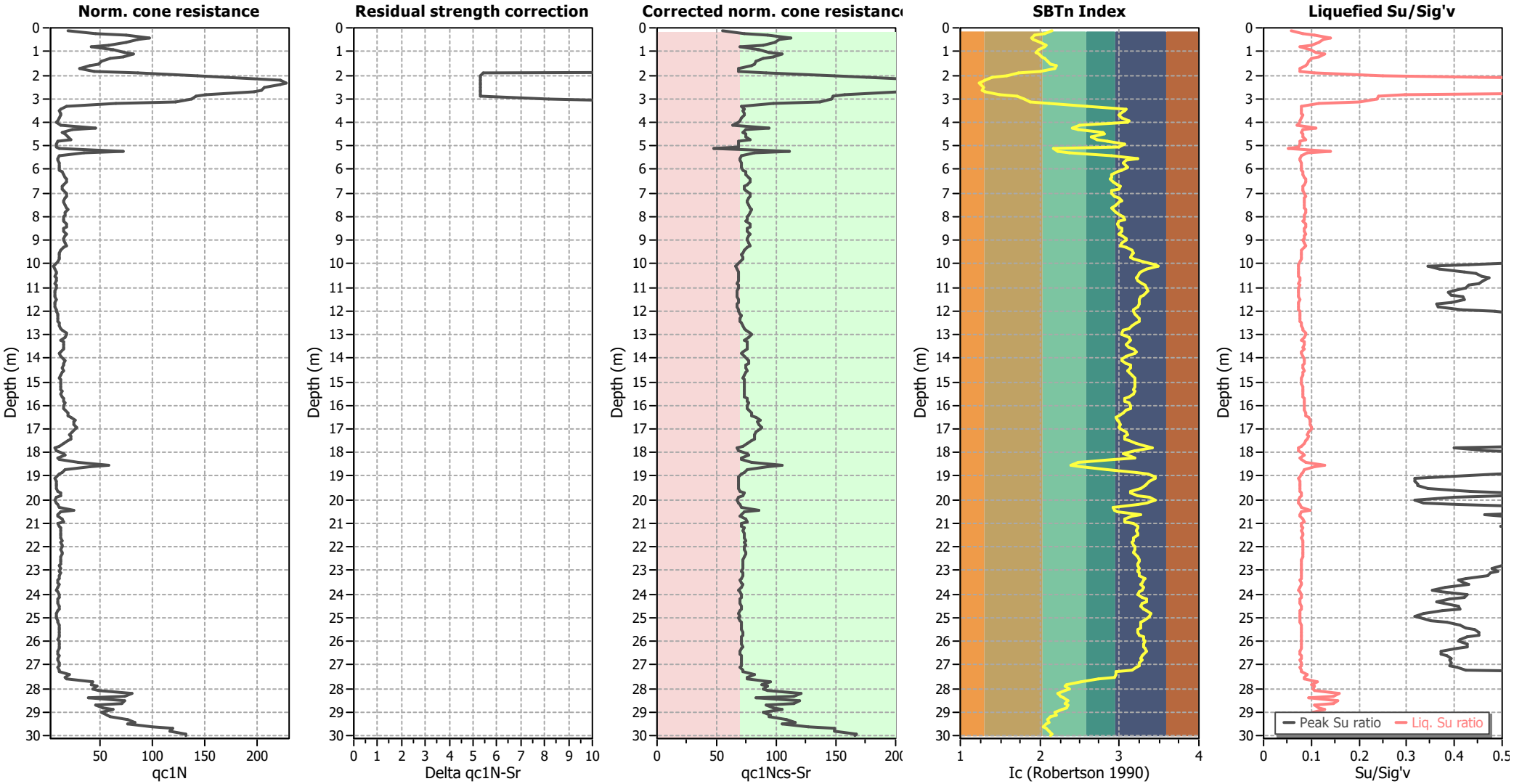




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.12	2.00	0.00	0.00	0.10	0.00	0.22	2.00	0.00	0.00	0.10	0.00
0.32	2.00	0.00	0.00	0.10	0.00	0.42	2.00	0.00	0.00	0.10	0.00
0.52	2.00	0.00	0.00	0.10	0.00	0.62	2.00	0.00	0.00	0.10	0.00
0.72	2.00	0.00	0.00	0.10	0.00	0.82	2.00	0.00	0.00	0.10	0.00
0.92	2.00	0.00	0.00	0.10	0.00	1.02	1.05	0.00	0.00	0.10	0.00
1.12	1.26	0.00	0.00	0.10	0.00	1.22	1.08	0.00	0.00	0.10	0.00
1.32	0.90	0.00	0.00	0.10	0.09	1.42	0.80	0.20	1.64	0.10	0.19
1.52	0.77	0.23	1.30	0.10	0.22	1.62	0.70	0.30	0.93	0.10	0.27
1.72	0.60	0.40	0.64	0.10	0.36	1.82	0.59	0.41	0.62	0.10	0.37
1.92	0.61	0.39	0.66	0.10	0.35	2.02	1.50	0.00	0.00	0.10	0.00
2.12	2.00	0.00	0.00	0.10	0.00	2.22	2.00	0.00	0.00	0.10	0.00
2.32	2.00	0.00	0.00	0.10	0.00	2.42	2.00	0.00	0.00	0.10	0.00
2.52	2.00	0.00	0.00	0.10	0.00	2.62	2.00	0.00	0.00	0.10	0.00
2.72	2.00	0.00	0.00	0.10	0.00	2.82	1.71	0.00	0.00	0.10	0.00
2.92	1.30	0.00	0.00	0.10	0.00	3.02	1.26	0.00	0.00	0.10	0.00
3.12	1.33	0.00	0.00	0.10	0.00	3.22	0.78	0.22	1.41	0.10	0.19
3.32	0.47	0.53	0.44	0.10	0.45	3.42	2.00	0.00	0.00	0.10	0.00
3.52	2.00	0.00	0.00	0.10	0.00	3.62	2.00	0.00	0.00	0.10	0.00
3.72	2.00	0.00	0.00	0.10	0.00	3.82	2.00	0.00	0.00	0.10	0.00
3.92	2.00	0.00	0.00	0.10	0.00	4.02	2.00	0.00	0.00	0.10	0.00
4.12	0.41	0.59	0.39	0.10	0.47	4.22	0.63	0.37	0.70	0.10	0.29
4.32	0.46	0.54	0.44	0.10	0.42	4.42	2.00	0.00	0.00	0.10	0.00
4.52	2.00	0.00	0.00	0.10	0.00	4.62	2.00	0.00	0.00	0.10	0.00
4.72	2.00	0.00	0.00	0.10	0.00	4.82	2.00	0.00	0.00	0.10	0.00
4.92	2.00	0.00	0.00	0.10	0.00	5.02	2.00	0.00	0.00	0.10	0.00
5.12	0.35	0.65	0.35	0.10	0.48	5.22	0.94	0.00	0.00	0.10	0.05
5.32	0.50	0.50	0.48	0.10	0.36	5.42	2.00	0.00	0.00	0.10	0.00
5.52	2.00	0.00	0.00	0.10	0.00	5.62	2.00	0.00	0.00	0.10	0.00
5.72	2.00	0.00	0.00	0.10	0.00	5.82	2.00	0.00	0.00	0.10	0.00
5.92	2.00	0.00	0.00	0.10	0.00	6.02	2.00	0.00	0.00	0.10	0.00
6.12	2.00	0.00	0.00	0.10	0.00	6.22	2.00	0.00	0.00	0.10	0.00
6.32	2.00	0.00	0.00	0.10	0.00	6.42	2.00	0.00	0.00	0.10	0.00
6.52	2.00	0.00	0.00	0.10	0.00	6.62	2.00	0.00	0.00	0.10	0.00
6.72	2.00	0.00	0.00	0.10	0.00	6.82	2.00	0.00	0.00	0.10	0.00
6.92	2.00	0.00	0.00	0.10	0.00	7.02	2.00	0.00	0.00	0.10	0.00
7.12	2.00	0.00	0.00	0.10	0.00	7.22	2.00	0.00	0.00	0.10	0.00
7.32	2.00	0.00	0.00	0.10	0.00	7.42	2.00	0.00	0.00	0.10	0.00
7.52	2.00	0.00	0.00	0.10	0.00	7.62	2.00	0.00	0.00	0.10	0.00
7.72	2.00	0.00	0.00	0.10	0.00	7.82	2.00	0.00	0.00	0.10	0.00
7.92	2.00	0.00	0.00	0.10	0.00	8.02	2.00	0.00	0.00	0.10	0.00
8.12	2.00	0.00	0.00	0.10	0.00	8.22	2.00	0.00	0.00	0.10	0.00
8.32	2.00	0.00	0.00	0.10	0.00	8.42	2.00	0.00	0.00	0.10	0.00
8.52	2.00	0.00	0.00	0.10	0.00	8.62	2.00	0.00	0.00	0.10	0.00
8.72	2.00	0.00	0.00	0.10	0.00	8.82	2.00	0.00	0.00	0.10	0.00
8.92	2.00	0.00	0.00	0.10	0.00	9.02	2.00	0.00	0.00	0.10	0.00
9.12	2.00	0.00	0.00	0.10	0.00	9.22	2.00	0.00	0.00	0.10	0.00
9.32	2.00	0.00	0.00	0.10	0.00	9.42	2.00	0.00	0.00	0.10	0.00
9.52	2.00	0.00	0.00	0.10	0.00	9.62	2.00	0.00	0.00	0.10	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.72	2.00	0.00	0.00	0.10	0.00	9.82	2.00	0.00	0.00	0.10	0.00
9.92	2.00	0.00	0.00	0.10	0.00	10.02	2.00	0.00	0.00	0.10	0.00
10.12	2.00	0.00	0.00	0.10	0.00	10.22	2.00	0.00	0.00	0.10	0.00
10.32	2.00	0.00	0.00	0.10	0.00	10.42	2.00	0.00	0.00	0.10	0.00
10.52	2.00	0.00	0.00	0.10	0.00	10.62	2.00	0.00	0.00	0.10	0.00
10.72	2.00	0.00	0.00	0.10	0.00	10.82	2.00	0.00	0.00	0.10	0.00
10.92	2.00	0.00	0.00	0.10	0.00	11.02	2.00	0.00	0.00	0.10	0.00
11.12	2.00	0.00	0.00	0.10	0.00	11.22	2.00	0.00	0.00	0.10	0.00
11.32	2.00	0.00	0.00	0.10	0.00	11.42	2.00	0.00	0.00	0.10	0.00
11.52	2.00	0.00	0.00	0.10	0.00	11.62	2.00	0.00	0.00	0.10	0.00
11.72	2.00	0.00	0.00	0.10	0.00	11.82	2.00	0.00	0.00	0.10	0.00
11.92	2.00	0.00	0.00	0.10	0.00	12.02	2.00	0.00	0.00	0.10	0.00
12.12	2.00	0.00	0.00	0.10	0.00	12.22	2.00	0.00	0.00	0.10	0.00
12.32	2.00	0.00	0.00	0.10	0.00	12.42	2.00	0.00	0.00	0.10	0.00
12.52	2.00	0.00	0.00	0.10	0.00	12.62	2.00	0.00	0.00	0.10	0.00
12.72	2.00	0.00	0.00	0.10	0.00	12.82	2.00	0.00	0.00	0.10	0.00
12.92	2.00	0.00	0.00	0.10	0.00	13.02	2.00	0.00	0.00	0.10	0.00
13.12	2.00	0.00	0.00	0.10	0.00	13.22	2.00	0.00	0.00	0.10	0.00
13.32	2.00	0.00	0.00	0.10	0.00	13.42	2.00	0.00	0.00	0.10	0.00
13.52	2.00	0.00	0.00	0.10	0.00	13.62	2.00	0.00	0.00	0.10	0.00
13.72	2.00	0.00	0.00	0.10	0.00	13.82	2.00	0.00	0.00	0.10	0.00
13.92	2.00	0.00	0.00	0.10	0.00	14.02	2.00	0.00	0.00	0.10	0.00
14.12	2.00	0.00	0.00	0.10	0.00	14.22	2.00	0.00	0.00	0.10	0.00
14.32	2.00	0.00	0.00	0.10	0.00	14.42	2.00	0.00	0.00	0.10	0.00
14.52	2.00	0.00	0.00	0.10	0.00	14.62	2.00	0.00	0.00	0.10	0.00
14.72	2.00	0.00	0.00	0.10	0.00	14.82	2.00	0.00	0.00	0.10	0.00
14.92	2.00	0.00	0.00	0.10	0.00	15.02	2.00	0.00	0.00	0.10	0.00
15.12	2.00	0.00	0.00	0.10	0.00	15.22	2.00	0.00	0.00	0.10	0.00
15.32	2.00	0.00	0.00	0.10	0.00	15.42	2.00	0.00	0.00	0.10	0.00
15.52	2.00	0.00	0.00	0.10	0.00	15.62	2.00	0.00	0.00	0.10	0.00
15.72	2.00	0.00	0.00	0.10	0.00	15.82	2.00	0.00	0.00	0.10	0.00
15.92	2.00	0.00	0.00	0.10	0.00	16.02	2.00	0.00	0.00	0.10	0.00
16.12	2.00	0.00	0.00	0.10	0.00	16.22	2.00	0.00	0.00	0.10	0.00
16.32	2.00	0.00	0.00	0.10	0.00	16.42	2.00	0.00	0.00	0.10	0.00
16.52	2.00	0.00	0.00	0.10	0.00	16.62	2.00	0.00	0.00	0.10	0.00
16.72	2.00	0.00	0.00	0.10	0.00	16.82	2.00	0.00	0.00	0.10	0.00
16.92	2.00	0.00	0.00	0.10	0.00	17.02	2.00	0.00	0.00	0.10	0.00
17.12	2.00	0.00	0.00	0.10	0.00	17.22	2.00	0.00	0.00	0.10	0.00
17.32	2.00	0.00	0.00	0.10	0.00	17.42	2.00	0.00	0.00	0.10	0.00
17.52	2.00	0.00	0.00	0.10	0.00	17.62	2.00	0.00	0.00	0.10	0.00
17.72	2.00	0.00	0.00	0.10	0.00	17.82	2.00	0.00	0.00	0.10	0.00
17.92	2.00	0.00	0.00	0.10	0.00	18.02	2.00	0.00	0.00	0.10	0.00
18.12	2.00	0.00	0.00	0.10	0.00	18.22	2.00	0.00	0.00	0.10	0.00
18.32	2.00	0.00	0.00	0.10	0.00	18.42	0.55	0.45	0.55	0.10	0.04
18.52	0.86	0.00	0.00	0.10	0.01	18.62	0.66	0.34	0.77	0.10	0.02
18.72	2.00	0.00	0.00	0.10	0.00	18.82	2.00	0.00	0.00	0.10	0.00
18.92	2.00	0.00	0.00	0.10	0.00	19.02	2.00	0.00	0.00	0.10	0.00
19.12	2.00	0.00	0.00	0.10	0.00	19.22	2.00	0.00	0.00	0.10	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.32	2.00	0.00	0.00	0.10	0.00	19.42	2.00	0.00	0.00	0.10	0.00
19.52	2.00	0.00	0.00	0.10	0.00	19.62	2.00	0.00	0.00	0.10	0.00
19.72	2.00	0.00	0.00	0.10	0.00	19.82	2.00	0.00	0.00	0.10	0.00
19.92	2.00	0.00	0.00	0.10	0.00	20.02	2.00	0.00	0.00	0.10	0.00
20.12	2.00	0.00	0.00	0.10	0.00	20.22	2.00	0.00	0.00	0.10	0.00
20.32	2.00	0.00	0.00	0.10	0.00	20.42	2.00	0.00	0.00	0.10	0.00
20.52	2.00	0.00	0.00	0.10	0.00	20.62	2.00	0.00	0.00	0.10	0.00
20.72	2.00	0.00	0.00	0.10	0.00	20.82	2.00	0.00	0.00	0.10	0.00
20.92	2.00	0.00	0.00	0.10	0.00	21.02	2.00	0.00	0.00	0.10	0.00
21.12	2.00	0.00	0.00	0.10	0.00	21.22	2.00	0.00	0.00	0.10	0.00
21.32	2.00	0.00	0.00	0.10	0.00	21.42	2.00	0.00	0.00	0.10	0.00
21.52	2.00	0.00	0.00	0.10	0.00	21.62	2.00	0.00	0.00	0.10	0.00
21.72	2.00	0.00	0.00	0.10	0.00	21.82	2.00	0.00	0.00	0.10	0.00
21.92	2.00	0.00	0.00	0.10	0.00	22.02	2.00	0.00	0.00	0.10	0.00
22.12	2.00	0.00	0.00	0.10	0.00	22.22	2.00	0.00	0.00	0.10	0.00
22.32	2.00	0.00	0.00	0.10	0.00	22.42	2.00	0.00	0.00	0.10	0.00
22.52	2.00	0.00	0.00	0.10	0.00	22.62	2.00	0.00	0.00	0.10	0.00
22.72	2.00	0.00	0.00	0.10	0.00	22.82	2.00	0.00	0.00	0.10	0.00
22.92	2.00	0.00	0.00	0.10	0.00	23.02	2.00	0.00	0.00	0.10	0.00
23.12	2.00	0.00	0.00	0.10	0.00	23.22	2.00	0.00	0.00	0.10	0.00
23.32	2.00	0.00	0.00	0.10	0.00	23.42	2.00	0.00	0.00	0.10	0.00
23.52	2.00	0.00	0.00	0.10	0.00	23.62	2.00	0.00	0.00	0.10	0.00
23.72	2.00	0.00	0.00	0.10	0.00	23.82	2.00	0.00	0.00	0.10	0.00
23.92	2.00	0.00	0.00	0.10	0.00	24.02	2.00	0.00	0.00	0.10	0.00
24.12	2.00	0.00	0.00	0.10	0.00	24.22	2.00	0.00	0.00	0.10	0.00
24.32	2.00	0.00	0.00	0.10	0.00	24.42	2.00	0.00	0.00	0.10	0.00
24.52	2.00	0.00	0.00	0.10	0.00	24.62	2.00	0.00	0.00	0.10	0.00
24.72	2.00	0.00	0.00	0.10	0.00	24.82	2.00	0.00	0.00	0.10	0.00
24.92	2.00	0.00	0.00	0.10	0.00	25.02	2.00	0.00	0.00	0.10	0.00
25.12	2.00	0.00	0.00	0.10	0.00	25.22	2.00	0.00	0.00	0.10	0.00
25.32	2.00	0.00	0.00	0.10	0.00	25.42	2.00	0.00	0.00	0.10	0.00
25.52	2.00	0.00	0.00	0.10	0.00	25.62	2.00	0.00	0.00	0.10	0.00
25.72	2.00	0.00	0.00	0.10	0.00	25.82	2.00	0.00	0.00	0.10	0.00
25.92	2.00	0.00	0.00	0.10	0.00	26.02	2.00	0.00	0.00	0.10	0.00
26.12	2.00	0.00	0.00	0.10	0.00	26.22	2.00	0.00	0.00	0.10	0.00
26.32	2.00	0.00	0.00	0.10	0.00	26.42	2.00	0.00	0.00	0.10	0.00
26.52	2.00	0.00	0.00	0.10	0.00	26.62	2.00	0.00	0.00	0.10	0.00
26.72	2.00	0.00	0.00	0.10	0.00	26.82	2.00	0.00	0.00	0.10	0.00
26.92	2.00	0.00	0.00	0.10	0.00	27.02	2.00	0.00	0.00	0.10	0.00
27.12	2.00	0.00	0.00	0.10	0.00	27.22	2.00	0.00	0.00	0.10	0.00
27.32	2.00	0.00	0.00	0.10	0.00	27.42	2.00	0.00	0.00	0.10	0.00
27.52	2.00	0.00	0.00	0.10	0.00	27.62	2.00	0.00	0.00	0.10	0.00
27.72	0.81	0.00	0.00	0.10	0.00	27.82	0.76	0.00	0.00	0.10	0.00
27.92	0.82	0.00	0.00	0.10	0.00	28.02	0.77	0.00	0.00	0.10	0.00
28.12	0.82	0.00	0.00	0.10	0.00	28.22	1.55	0.00	0.00	0.10	0.00
28.32	1.33	0.00	0.00	0.10	0.00	28.42	0.73	0.00	0.00	0.10	0.00
28.52	1.43	0.00	0.00	0.10	0.00	28.62	1.29	0.00	0.00	0.10	0.00
28.72	0.81	0.00	0.00	0.10	0.00	28.82	0.91	0.00	0.00	0.10	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
28.92	1.06	0.00	0.00	0.10	0.00	29.02	0.83	0.00	0.00	0.10	0.00
29.12	0.90	0.00	0.00	0.10	0.00	29.22	0.90	0.00	0.00	0.10	0.00
29.32	1.19	0.00	0.00	0.10	0.00	29.42	1.42	0.00	0.00	0.10	0.00
29.52	1.11	0.00	0.00	0.10	0.00	29.62	1.92	0.00	0.00	0.10	0.00
29.72	2.00	0.00	0.00	0.10	0.00	29.82	2.00	0.00	0.00	0.10	0.00
29.92	2.00	0.00	0.00	0.10	0.00	30.00	2.00	0.00	0.00	0.08	0.00

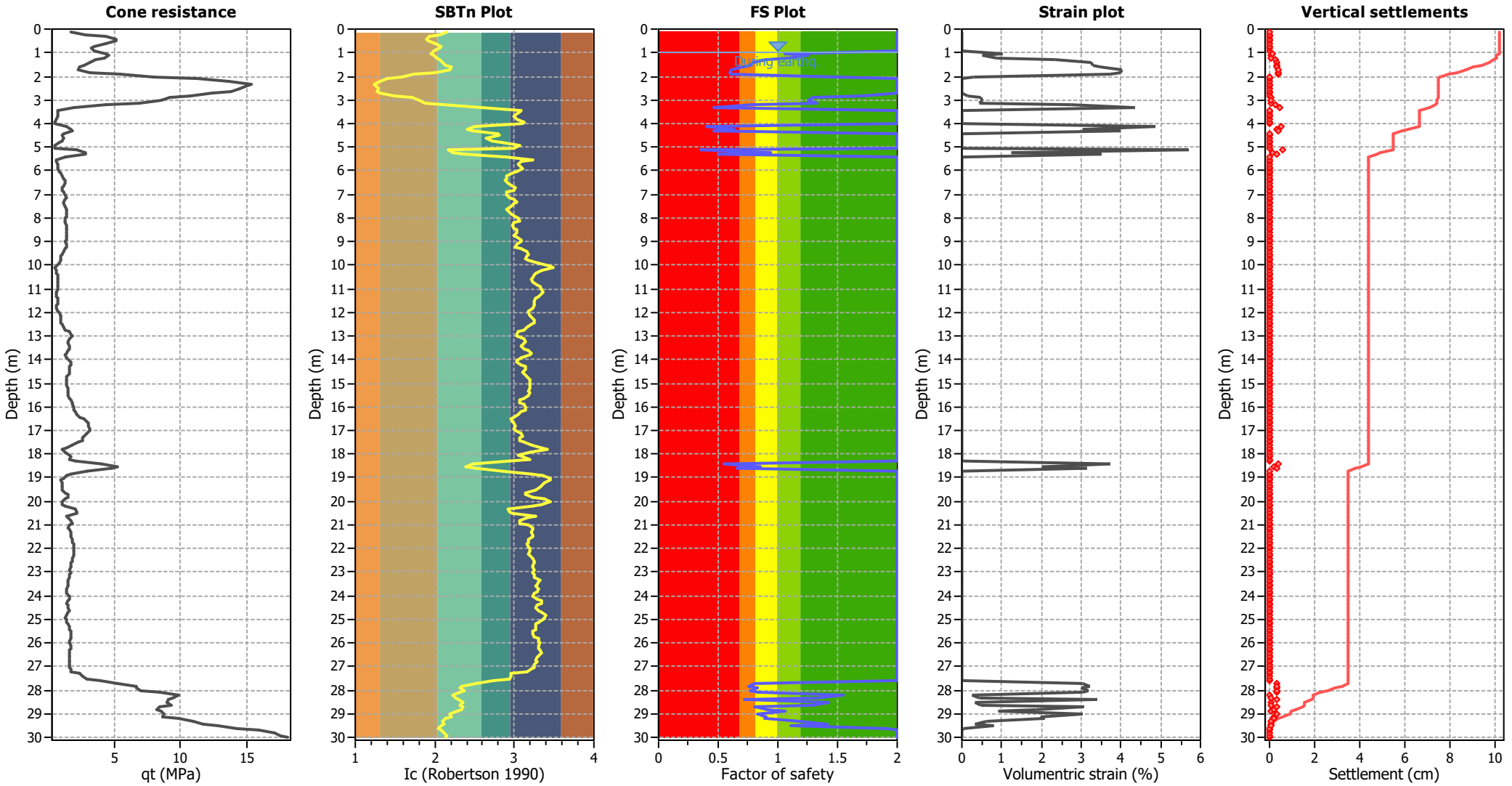
Overall liquefaction potential: 4.62

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.02	107.56	1.05	1.03	1.00	0.10	1.12	122.54	1.26	0.53	1.00	0.05
1.22	116.04	1.08	0.89	1.00	0.09	1.32	105.73	0.90	2.35	1.00	0.23
1.42	98.47	0.80	3.26	1.00	0.33	1.52	97.52	0.77	3.30	1.00	0.33
1.62	92.37	0.70	3.48	1.00	0.35	1.72	79.72	0.60	4.02	1.00	0.40
1.82	80.24	0.59	4.00	1.00	0.40	1.92	85.90	0.61	3.74	1.00	0.37
2.02	143.78	1.50	0.28	1.00	0.03	2.12	170.58	2.00	0.00	1.00	0.00
2.22	222.35	2.00	0.00	1.00	0.00	2.32	228.36	2.00	0.00	1.00	0.00
2.42	222.31	2.00	0.00	1.00	0.00	2.52	207.35	2.00	0.00	1.00	0.00
2.62	205.08	2.00	0.00	1.00	0.00	2.72	198.28	2.00	0.00	1.00	0.00
2.82	152.42	1.71	0.14	1.00	0.01	2.92	142.19	1.30	0.47	1.00	0.05
3.02	141.22	1.26	0.51	1.00	0.05	3.12	143.85	1.33	0.42	1.00	0.04
3.22	116.68	0.78	2.74	1.00	0.27	3.32	73.30	0.47	4.36	1.00	0.44
3.42	12.62	2.00	0.00	1.00	0.00	3.52	11.64	2.00	0.00	1.00	0.00
3.62	12.62	2.00	0.00	1.00	0.00	3.72	12.99	2.00	0.00	1.00	0.00
3.82	11.27	2.00	0.00	1.00	0.00	3.92	9.83	2.00	0.00	1.00	0.00
4.02	8.59	2.00	0.00	1.00	0.00	4.12	65.03	0.41	4.87	1.00	0.49
4.22	106.12	0.63	3.02	1.00	0.30	4.32	80.08	0.46	4.01	1.00	0.40
4.42	14.30	2.00	0.00	1.00	0.00	4.52	16.83	2.00	0.00	1.00	0.00
4.62	19.12	2.00	0.00	1.00	0.00	4.72	22.28	2.00	0.00	1.00	0.00
4.82	10.07	2.00	0.00	1.00	0.00	4.92	8.19	2.00	0.00	1.00	0.00
5.02	7.95	2.00	0.00	1.00	0.00	5.12	54.33	0.35	5.71	1.00	0.57
5.22	132.31	0.94	1.26	1.00	0.13	5.32	91.90	0.50	3.50	1.00	0.35
5.42	11.45	2.00	0.00	1.00	0.00	5.52	9.77	2.00	0.00	1.00	0.00
5.62	10.10	2.00	0.00	1.00	0.00	5.72	11.23	2.00	0.00	1.00	0.00
5.82	11.18	2.00	0.00	1.00	0.00	5.92	11.09	2.00	0.00	1.00	0.00
6.02	11.47	2.00	0.00	1.00	0.00	6.12	14.58	2.00	0.00	1.00	0.00
6.22	15.28	2.00	0.00	1.00	0.00	6.32	17.15	2.00	0.00	1.00	0.00
6.42	18.84	2.00	0.00	1.00	0.00	6.52	18.44	2.00	0.00	1.00	0.00
6.62	15.72	2.00	0.00	1.00	0.00	6.72	13.68	2.00	0.00	1.00	0.00
6.82	13.45	2.00	0.00	1.00	0.00	6.92	15.41	2.00	0.00	1.00	0.00
7.02	18.19	2.00	0.00	1.00	0.00	7.12	18.30	2.00	0.00	1.00	0.00
7.22	17.06	2.00	0.00	1.00	0.00	7.32	15.71	2.00	0.00	1.00	0.00
7.42	15.23	2.00	0.00	1.00	0.00	7.52	16.59	2.00	0.00	1.00	0.00
7.62	18.06	2.00	0.00	1.00	0.00	7.72	19.26	2.00	0.00	1.00	0.00
7.82	17.58	2.00	0.00	1.00	0.00	7.92	17.11	2.00	0.00	1.00	0.00
8.02	16.17	2.00	0.00	1.00	0.00	8.12	15.71	2.00	0.00	1.00	0.00
8.22	14.91	2.00	0.00	1.00	0.00	8.32	18.07	2.00	0.00	1.00	0.00
8.42	17.96	2.00	0.00	1.00	0.00	8.52	15.21	2.00	0.00	1.00	0.00
8.62	15.92	2.00	0.00	1.00	0.00	8.72	18.09	2.00	0.00	1.00	0.00
8.82	16.85	2.00	0.00	1.00	0.00	8.92	15.63	2.00	0.00	1.00	0.00
9.02	14.98	2.00	0.00	1.00	0.00	9.12	16.23	2.00	0.00	1.00	0.00
9.22	17.68	2.00	0.00	1.00	0.00	9.32	15.49	2.00	0.00	1.00	0.00
9.42	12.77	2.00	0.00	1.00	0.00	9.52	11.61	2.00	0.00	1.00	0.00
9.62	11.22	2.00	0.00	1.00	0.00	9.72	11.38	2.00	0.00	1.00	0.00
9.82	11.43	2.00	0.00	1.00	0.00	9.92	10.08	2.00	0.00	1.00	0.00
10.02	6.85	2.00	0.00	1.00	0.00	10.12	5.77	2.00	0.00	1.00	0.00
10.22	6.74	2.00	0.00	1.00	0.00	10.32	7.90	2.00	0.00	1.00	0.00
10.42	7.89	2.00	0.00	1.00	0.00	10.52	7.73	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.62	8.49	2.00	0.00	1.00	0.00	10.72	8.58	2.00	0.00	1.00	0.00
10.82	7.42	2.00	0.00	1.00	0.00	10.92	8.09	2.00	0.00	1.00	0.00
11.02	7.89	2.00	0.00	1.00	0.00	11.12	7.24	2.00	0.00	1.00	0.00
11.22	7.03	2.00	0.00	1.00	0.00	11.32	7.57	2.00	0.00	1.00	0.00
11.42	7.60	2.00	0.00	1.00	0.00	11.52	8.07	2.00	0.00	1.00	0.00
11.62	7.78	2.00	0.00	1.00	0.00	11.72	6.59	2.00	0.00	1.00	0.00
11.82	6.82	2.00	0.00	1.00	0.00	11.92	7.95	2.00	0.00	1.00	0.00
12.02	8.65	2.00	0.00	1.00	0.00	12.12	9.82	2.00	0.00	1.00	0.00
12.22	10.14	2.00	0.00	1.00	0.00	12.32	9.80	2.00	0.00	1.00	0.00
12.42	10.05	2.00	0.00	1.00	0.00	12.52	10.88	2.00	0.00	1.00	0.00
12.62	11.51	2.00	0.00	1.00	0.00	12.72	13.29	2.00	0.00	1.00	0.00
12.82	14.58	2.00	0.00	1.00	0.00	12.92	18.25	2.00	0.00	1.00	0.00
13.02	18.84	2.00	0.00	1.00	0.00	13.12	16.57	2.00	0.00	1.00	0.00
13.22	12.62	2.00	0.00	1.00	0.00	13.32	15.39	2.00	0.00	1.00	0.00
13.42	15.79	2.00	0.00	1.00	0.00	13.52	15.16	2.00	0.00	1.00	0.00
13.62	15.57	2.00	0.00	1.00	0.00	13.72	12.07	2.00	0.00	1.00	0.00
13.82	10.64	2.00	0.00	1.00	0.00	13.92	13.26	2.00	0.00	1.00	0.00
14.02	15.23	2.00	0.00	1.00	0.00	14.12	16.63	2.00	0.00	1.00	0.00
14.22	16.20	2.00	0.00	1.00	0.00	14.32	14.86	2.00	0.00	1.00	0.00
14.42	14.17	2.00	0.00	1.00	0.00	14.52	15.28	2.00	0.00	1.00	0.00
14.62	14.24	2.00	0.00	1.00	0.00	14.72	13.29	2.00	0.00	1.00	0.00
14.82	11.81	2.00	0.00	1.00	0.00	14.92	12.56	2.00	0.00	1.00	0.00
15.02	12.69	2.00	0.00	1.00	0.00	15.12	12.73	2.00	0.00	1.00	0.00
15.22	13.12	2.00	0.00	1.00	0.00	15.32	13.25	2.00	0.00	1.00	0.00
15.42	13.55	2.00	0.00	1.00	0.00	15.52	13.06	2.00	0.00	1.00	0.00
15.62	13.45	2.00	0.00	1.00	0.00	15.72	15.30	2.00	0.00	1.00	0.00
15.82	15.85	2.00	0.00	1.00	0.00	15.92	17.00	2.00	0.00	1.00	0.00
16.02	15.99	2.00	0.00	1.00	0.00	16.12	16.19	2.00	0.00	1.00	0.00
16.22	16.90	2.00	0.00	1.00	0.00	16.32	19.14	2.00	0.00	1.00	0.00
16.42	19.41	2.00	0.00	1.00	0.00	16.52	22.67	2.00	0.00	1.00	0.00
16.62	26.27	2.00	0.00	1.00	0.00	16.72	24.72	2.00	0.00	1.00	0.00
16.82	25.05	2.00	0.00	1.00	0.00	16.92	27.51	2.00	0.00	1.00	0.00
17.02	27.15	2.00	0.00	1.00	0.00	17.12	23.50	2.00	0.00	1.00	0.00
17.22	21.16	2.00	0.00	1.00	0.00	17.32	22.08	2.00	0.00	1.00	0.00
17.42	21.84	2.00	0.00	1.00	0.00	17.52	19.12	2.00	0.00	1.00	0.00
17.62	15.29	2.00	0.00	1.00	0.00	17.72	11.69	2.00	0.00	1.00	0.00
17.82	7.59	2.00	0.00	1.00	0.00	17.92	7.96	2.00	0.00	1.00	0.00
18.02	15.19	2.00	0.00	1.00	0.00	18.12	16.83	2.00	0.00	1.00	0.00
18.22	10.17	2.00	0.00	1.00	0.00	18.32	10.92	2.00	0.00	1.00	0.00
18.42	86.09	0.55	3.73	1.00	0.37	18.52	121.08	0.86	2.02	1.00	0.20
18.62	101.65	0.66	3.16	1.00	0.32	18.72	16.89	2.00	0.00	1.00	0.00
18.82	13.63	2.00	0.00	1.00	0.00	18.92	10.94	2.00	0.00	1.00	0.00
19.02	8.07	2.00	0.00	1.00	0.00	19.12	7.66	2.00	0.00	1.00	0.00
19.22	8.02	2.00	0.00	1.00	0.00	19.32	8.08	2.00	0.00	1.00	0.00
19.42	8.06	2.00	0.00	1.00	0.00	19.52	8.04	2.00	0.00	1.00	0.00
19.62	9.30	2.00	0.00	1.00	0.00	19.72	12.70	2.00	0.00	1.00	0.00
19.82	12.43	2.00	0.00	1.00	0.00	19.92	8.55	2.00	0.00	1.00	0.00
20.02	7.55	2.00	0.00	1.00	0.00	20.12	7.98	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
20.22	9.67	2.00	0.00	1.00	0.00	20.32	11.36	2.00	0.00	1.00	0.00
20.42	25.12	2.00	0.00	1.00	0.00	20.52	12.73	2.00	0.00	1.00	0.00
20.62	10.31	2.00	0.00	1.00	0.00	20.72	9.25	2.00	0.00	1.00	0.00
20.82	14.72	2.00	0.00	1.00	0.00	20.92	15.58	2.00	0.00	1.00	0.00
21.02	10.49	2.00	0.00	1.00	0.00	21.12	10.90	2.00	0.00	1.00	0.00
21.22	13.08	2.00	0.00	1.00	0.00	21.32	12.46	2.00	0.00	1.00	0.00
21.42	13.08	2.00	0.00	1.00	0.00	21.52	13.05	2.00	0.00	1.00	0.00
21.62	12.72	2.00	0.00	1.00	0.00	21.72	14.22	2.00	0.00	1.00	0.00
21.82	13.09	2.00	0.00	1.00	0.00	21.92	14.21	2.00	0.00	1.00	0.00
22.02	13.67	2.00	0.00	1.00	0.00	22.12	13.20	2.00	0.00	1.00	0.00
22.22	14.03	2.00	0.00	1.00	0.00	22.32	13.92	2.00	0.00	1.00	0.00
22.42	13.38	2.00	0.00	1.00	0.00	22.52	12.27	2.00	0.00	1.00	0.00
22.62	12.52	2.00	0.00	1.00	0.00	22.72	12.28	2.00	0.00	1.00	0.00
22.82	11.47	2.00	0.00	1.00	0.00	22.92	12.07	2.00	0.00	1.00	0.00
23.02	11.13	2.00	0.00	1.00	0.00	23.12	12.15	2.00	0.00	1.00	0.00
23.22	11.35	2.00	0.00	1.00	0.00	23.32	10.77	2.00	0.00	1.00	0.00
23.42	9.63	2.00	0.00	1.00	0.00	23.52	10.58	2.00	0.00	1.00	0.00
23.62	11.52	2.00	0.00	1.00	0.00	23.72	10.11	2.00	0.00	1.00	0.00
23.82	7.98	2.00	0.00	1.00	0.00	23.92	10.00	2.00	0.00	1.00	0.00
24.02	11.14	2.00	0.00	1.00	0.00	24.12	11.19	2.00	0.00	1.00	0.00
24.22	9.80	2.00	0.00	1.00	0.00	24.32	9.37	2.00	0.00	1.00	0.00
24.42	9.68	2.00	0.00	1.00	0.00	24.52	10.74	2.00	0.00	1.00	0.00
24.62	11.19	2.00	0.00	1.00	0.00	24.72	9.88	2.00	0.00	1.00	0.00
24.82	8.59	2.00	0.00	1.00	0.00	24.92	9.04	2.00	0.00	1.00	0.00
25.02	8.82	2.00	0.00	1.00	0.00	25.12	9.33	2.00	0.00	1.00	0.00
25.22	10.38	2.00	0.00	1.00	0.00	25.32	10.82	2.00	0.00	1.00	0.00
25.42	11.00	2.00	0.00	1.00	0.00	25.52	11.17	2.00	0.00	1.00	0.00
25.62	11.95	2.00	0.00	1.00	0.00	25.72	11.65	2.00	0.00	1.00	0.00
25.82	11.16	2.00	0.00	1.00	0.00	25.92	10.61	2.00	0.00	1.00	0.00
26.02	10.72	2.00	0.00	1.00	0.00	26.12	11.09	2.00	0.00	1.00	0.00
26.22	11.65	2.00	0.00	1.00	0.00	26.32	10.91	2.00	0.00	1.00	0.00
26.42	9.77	2.00	0.00	1.00	0.00	26.52	9.69	2.00	0.00	1.00	0.00
26.62	11.03	2.00	0.00	1.00	0.00	26.72	10.49	2.00	0.00	1.00	0.00
26.82	10.27	2.00	0.00	1.00	0.00	26.92	10.90	2.00	0.00	1.00	0.00
27.02	10.81	2.00	0.00	1.00	0.00	27.12	10.02	2.00	0.00	1.00	0.00
27.22	11.86	2.00	0.00	1.00	0.00	27.32	11.97	2.00	0.00	1.00	0.00
27.42	21.41	2.00	0.00	1.00	0.00	27.52	16.22	2.00	0.00	1.00	0.00
27.62	18.43	2.00	0.00	1.00	0.00	27.72	105.26	0.81	3.05	1.00	0.30
27.82	99.51	0.76	3.23	1.00	0.32	27.92	106.40	0.82	3.01	1.00	0.30
28.02	100.96	0.77	3.18	1.00	0.32	28.12	106.20	0.82	3.02	1.00	0.30
28.22	143.16	1.55	0.24	1.00	0.02	28.32	136.14	1.33	0.43	1.00	0.04
28.42	94.42	0.73	3.41	1.00	0.34	28.52	139.47	1.43	0.33	1.00	0.03
28.62	134.53	1.29	0.48	1.00	0.05	28.72	104.16	0.81	3.08	1.00	0.31
28.82	113.19	0.91	1.86	1.00	0.19	28.92	123.56	1.06	0.92	1.00	0.09
29.02	105.35	0.83	3.05	1.00	0.30	29.12	112.33	0.90	1.97	1.00	0.20
29.22	111.63	0.90	2.09	1.00	0.21	29.32	129.79	1.19	0.63	1.00	0.06
29.42	138.79	1.42	0.34	1.00	0.03	29.52	125.54	1.11	0.80	1.00	0.08
29.62	151.28	1.92	0.03	1.00	0.00	29.72	177.51	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

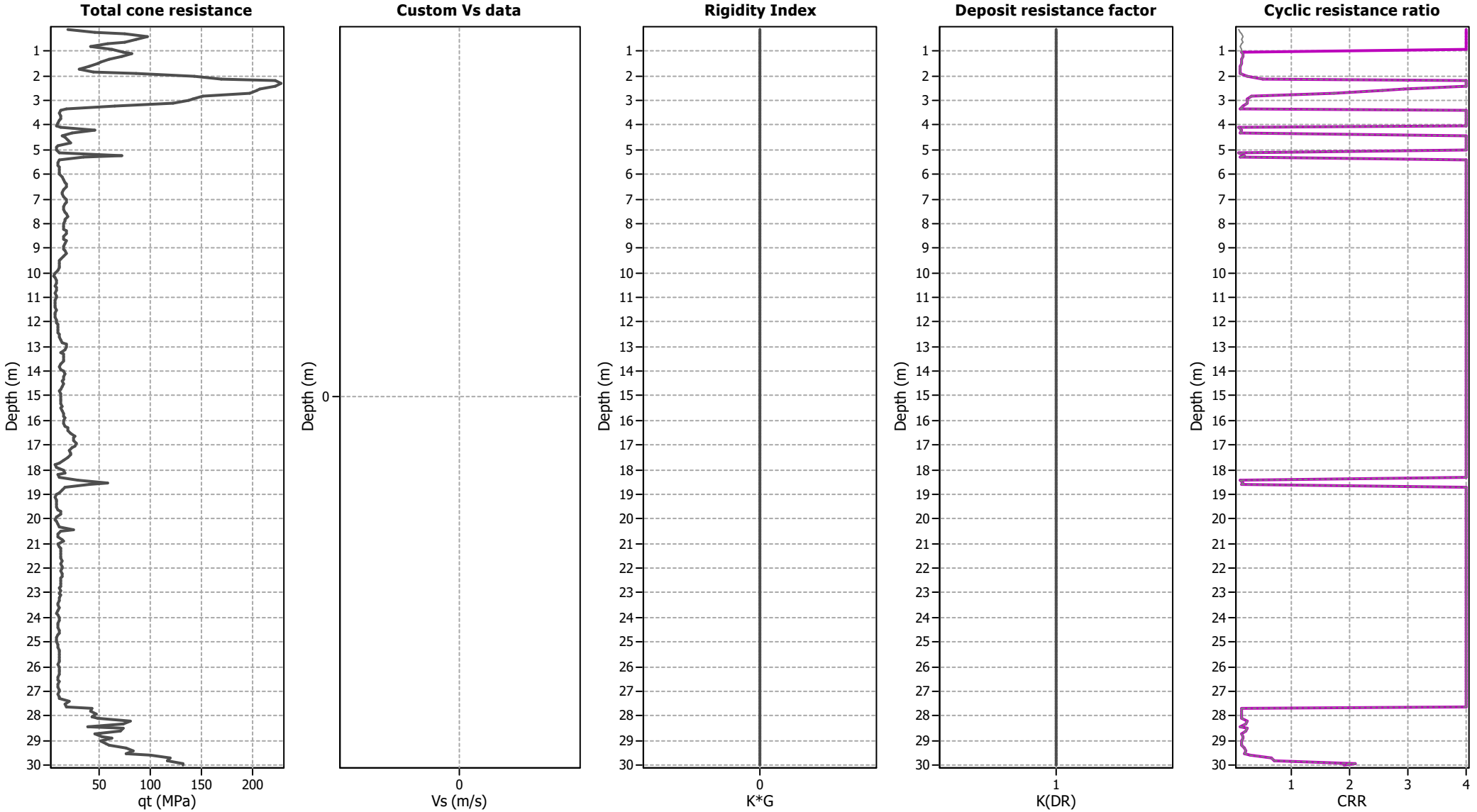
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
29.82	179.38	2.00	0.00	1.00	0.00	29.92	201.77	2.00	0.00	1.00	0.00
30.00	200.13	2.00	0.00	1.00	0.00						

Total estimated settlement: 10.19

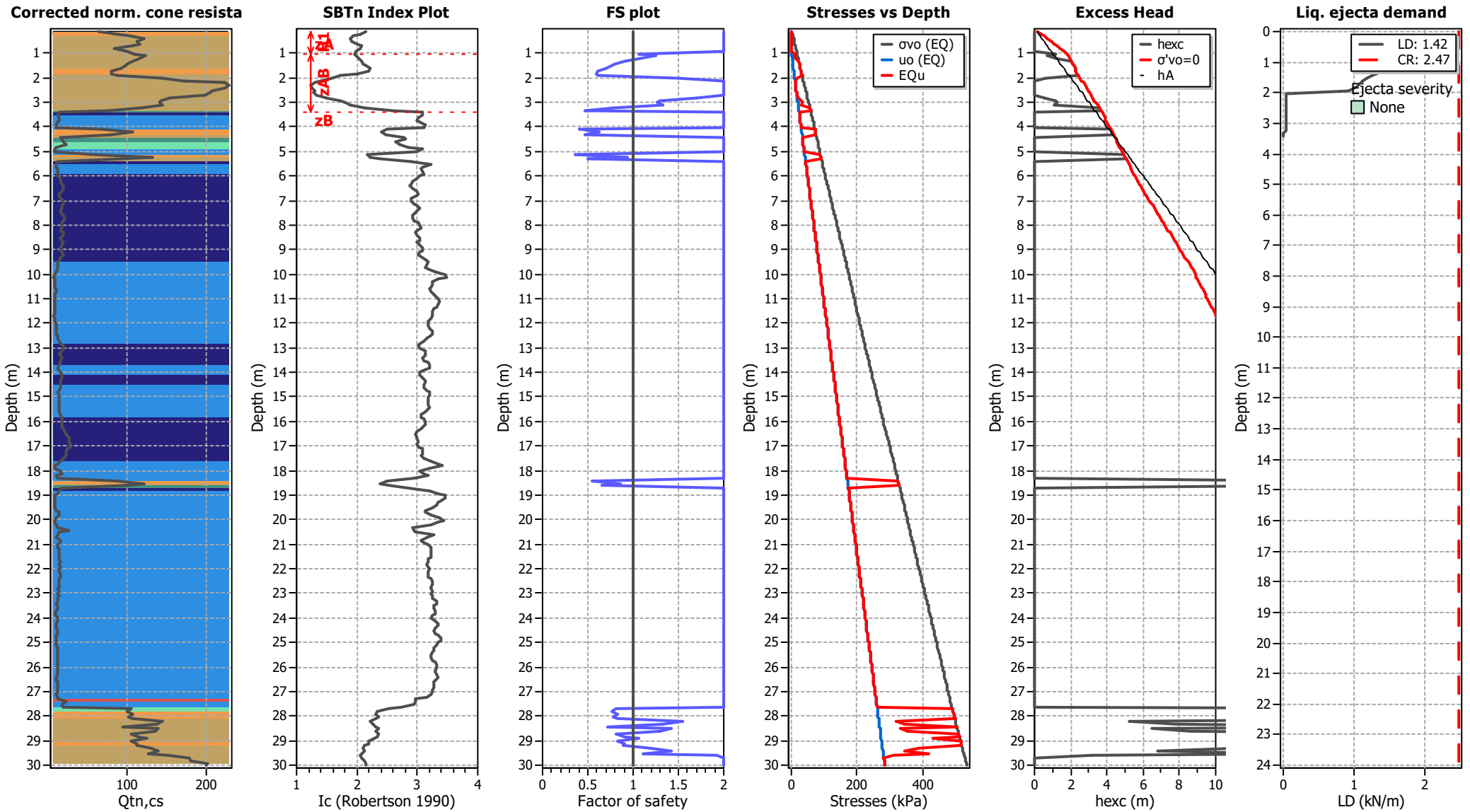
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



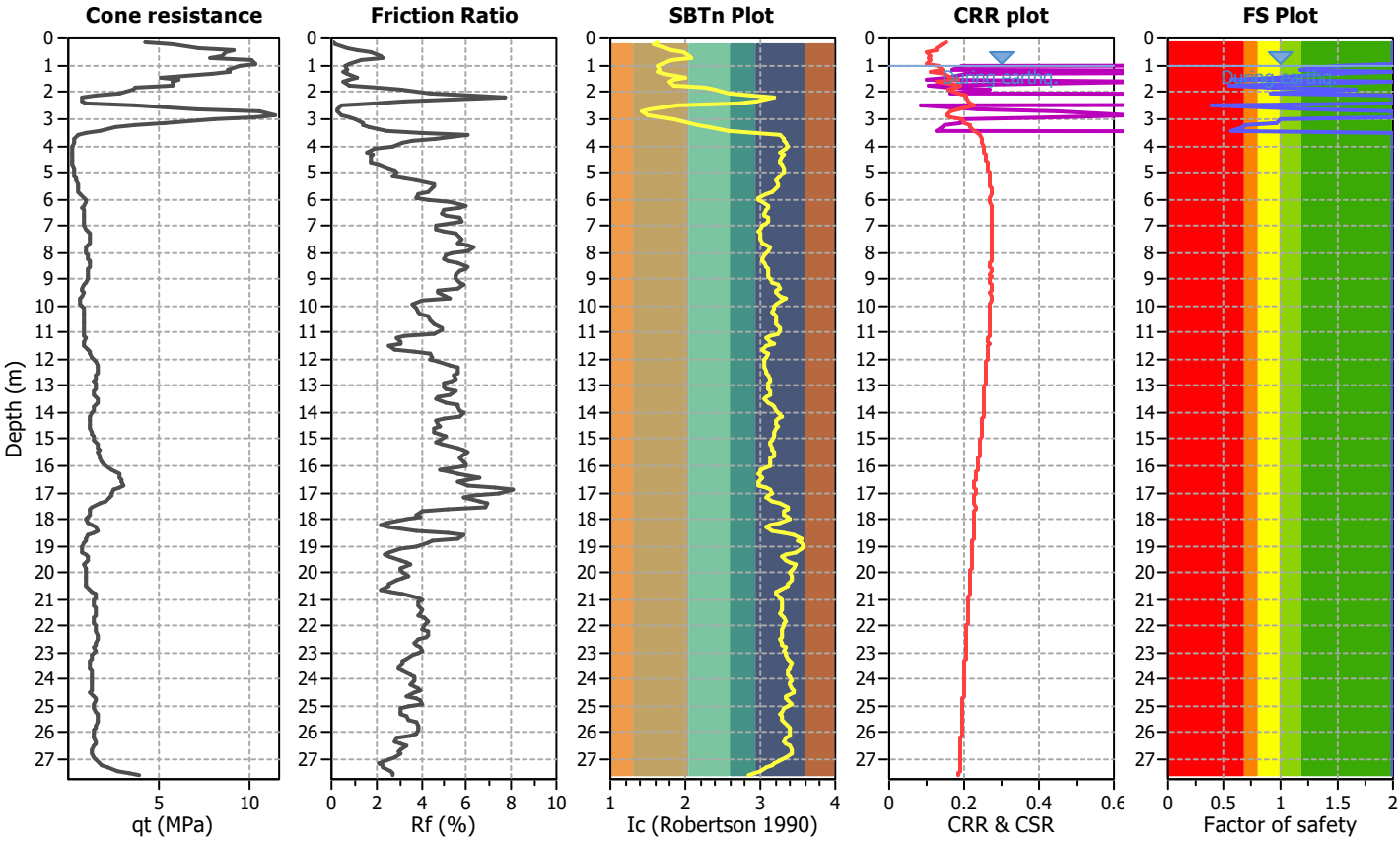
LIQUEFACTION ANALYSIS REPORT

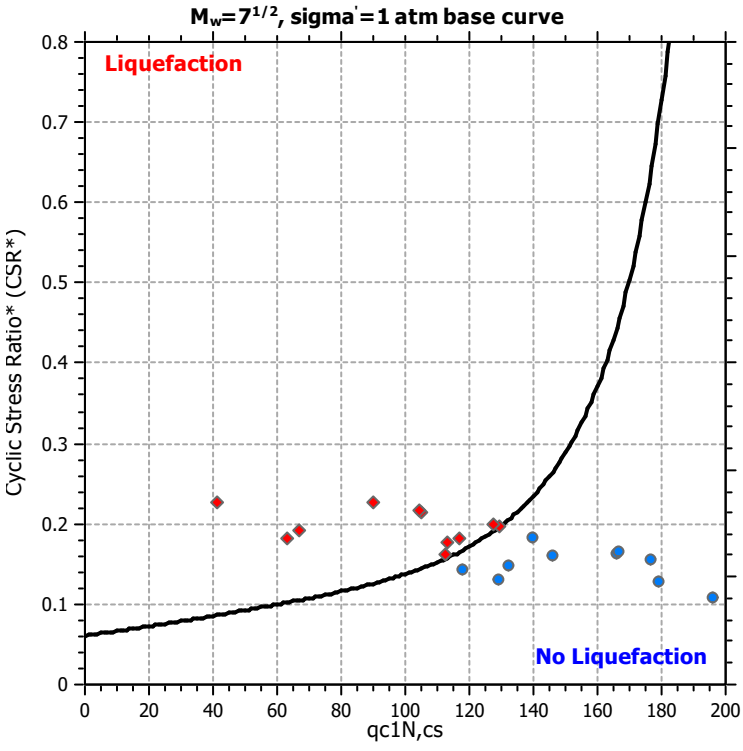
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

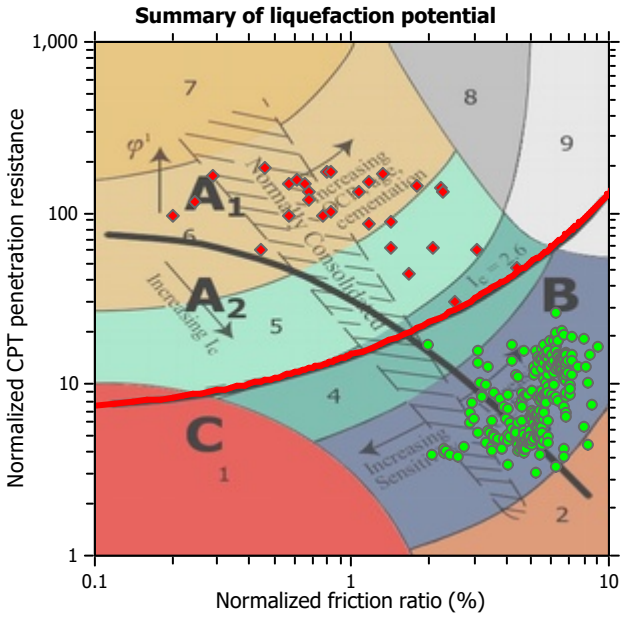
CPT file : 040008P461CPTE461

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

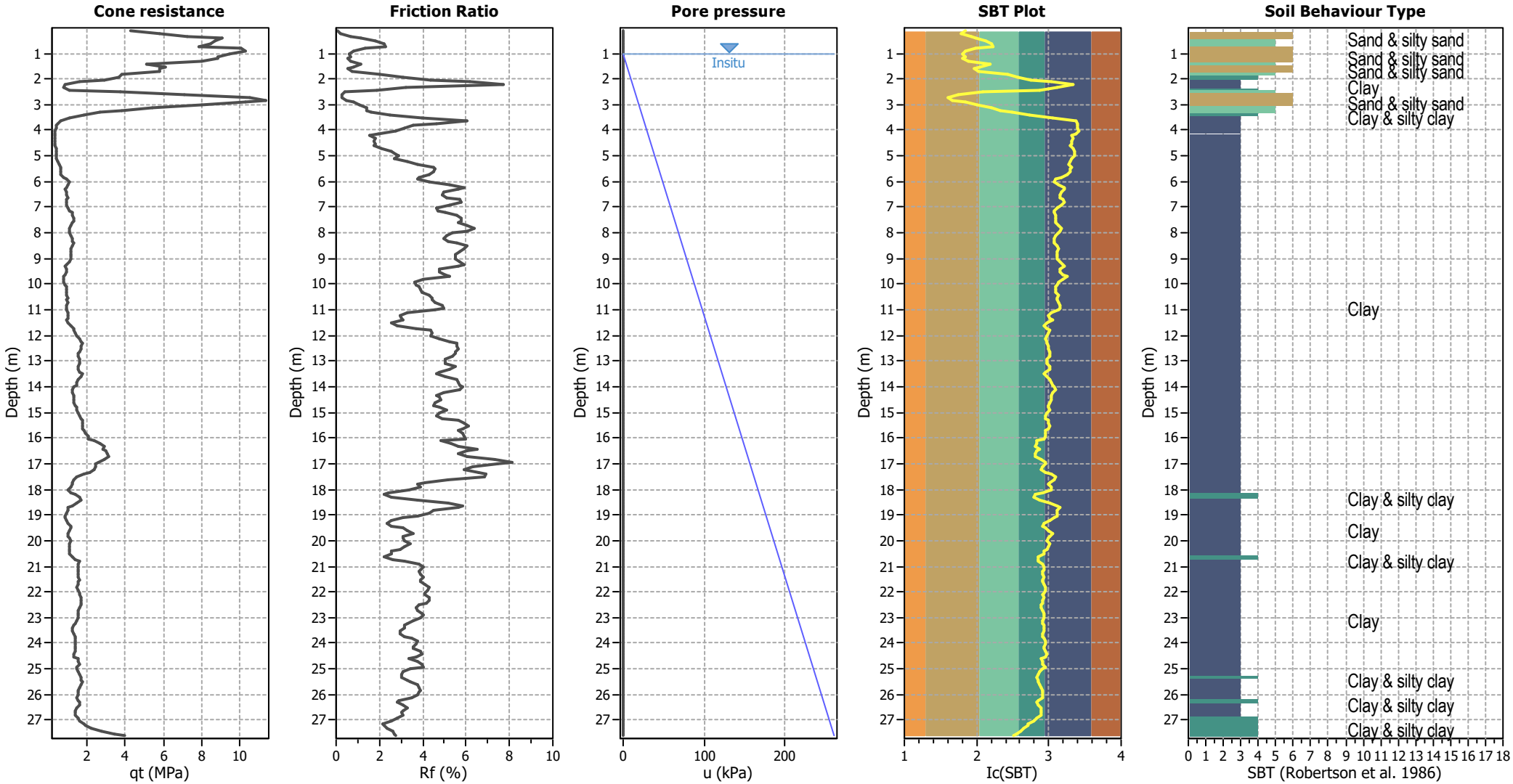






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



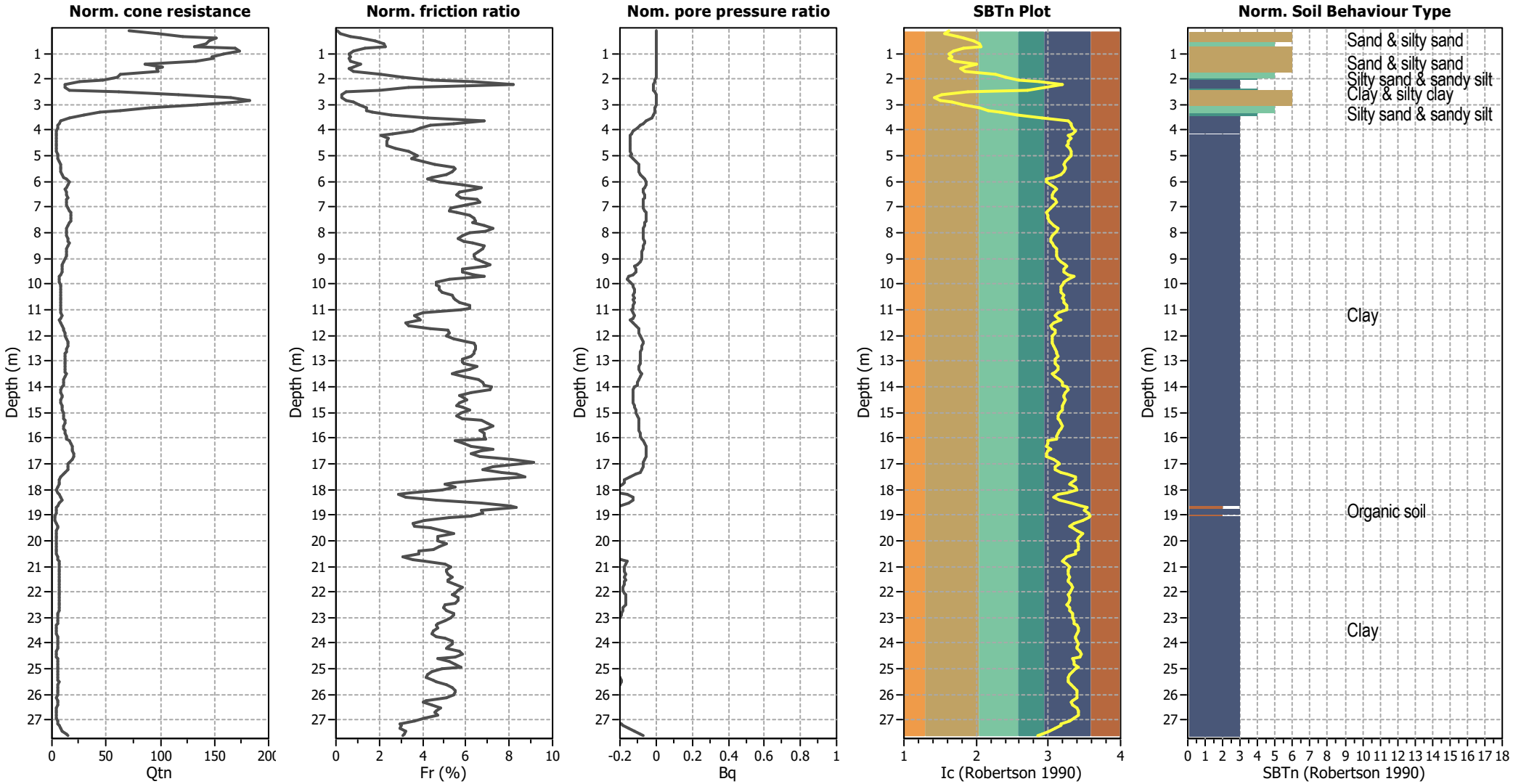
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



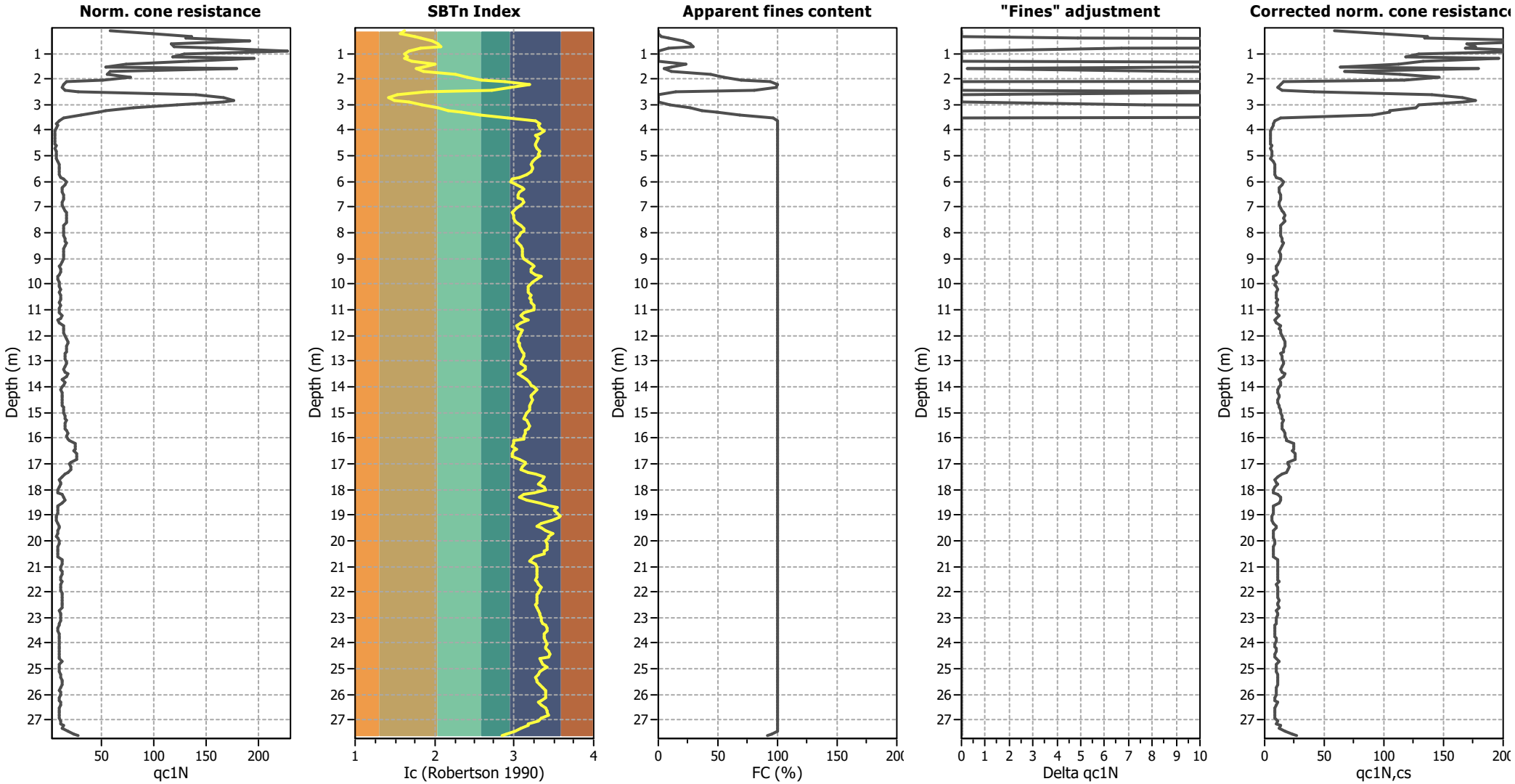
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

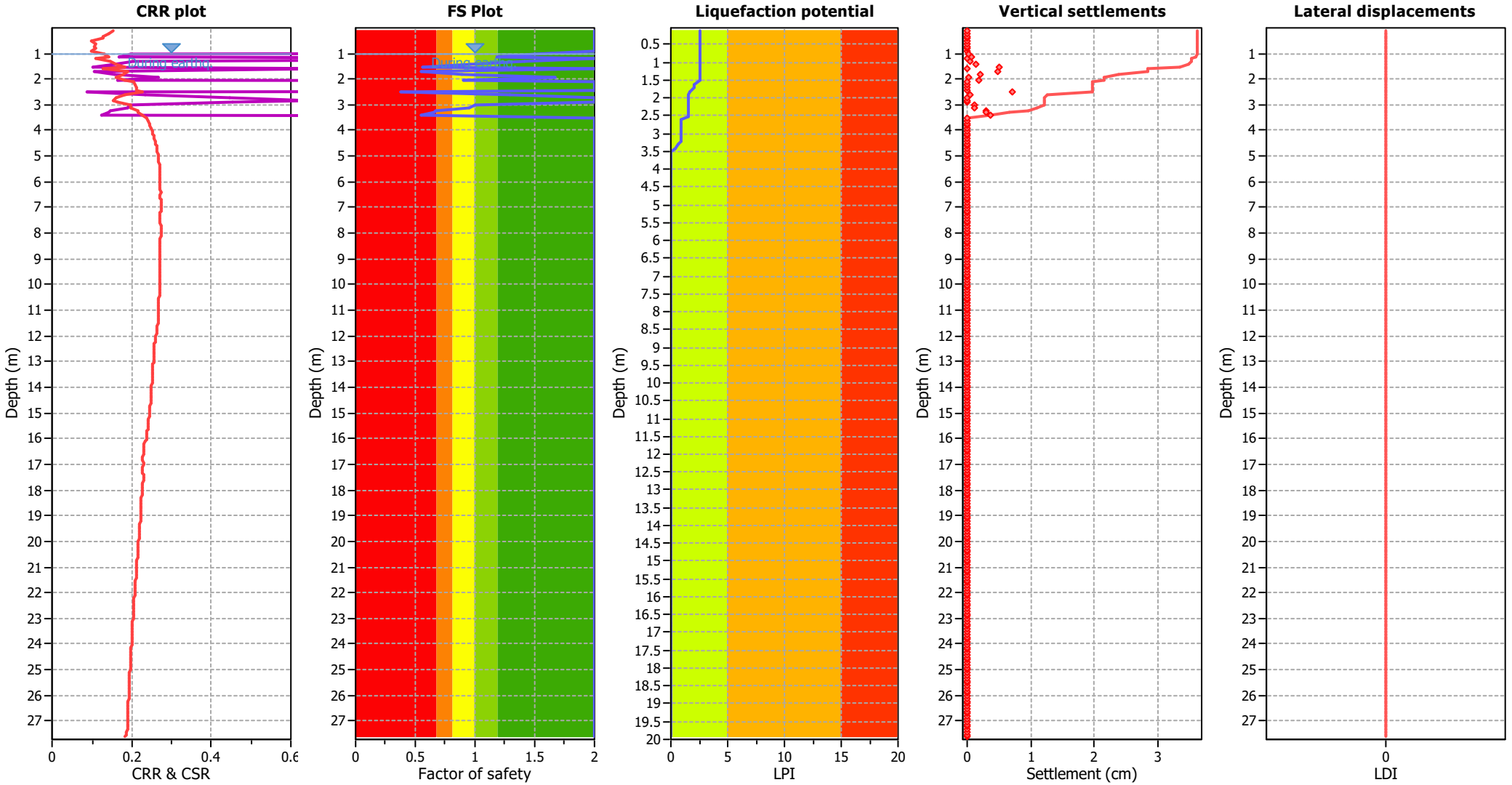
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

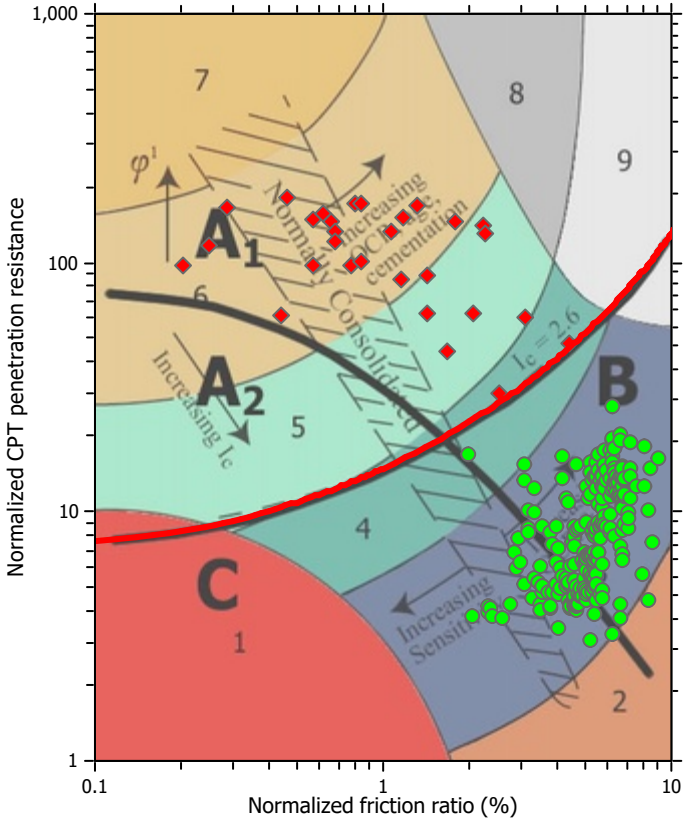
F.S. color scheme

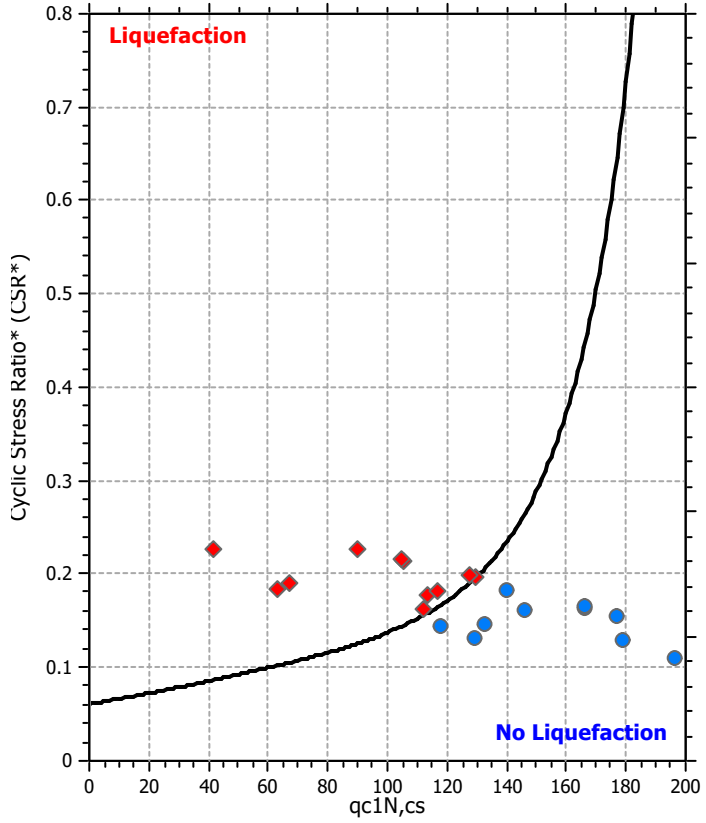
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

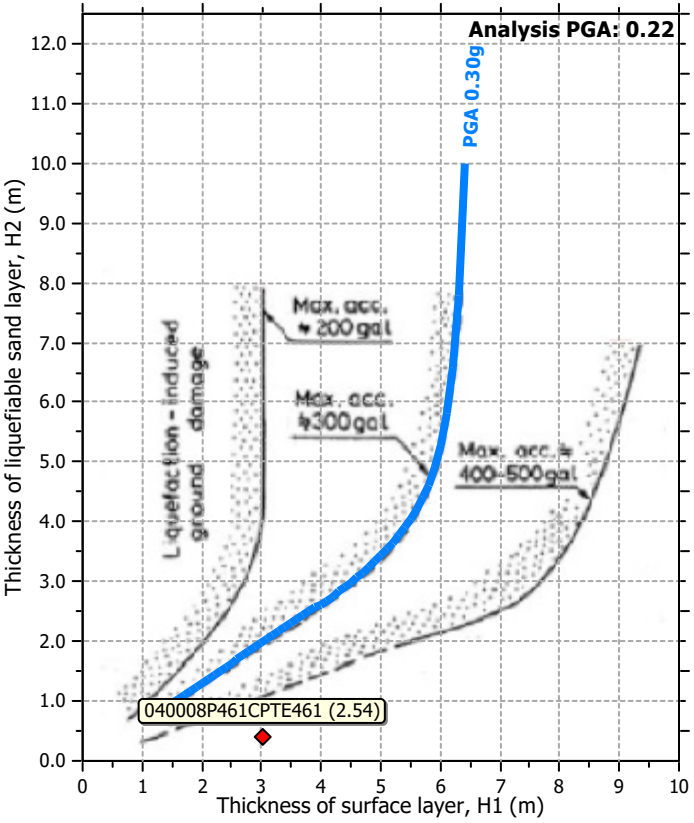
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



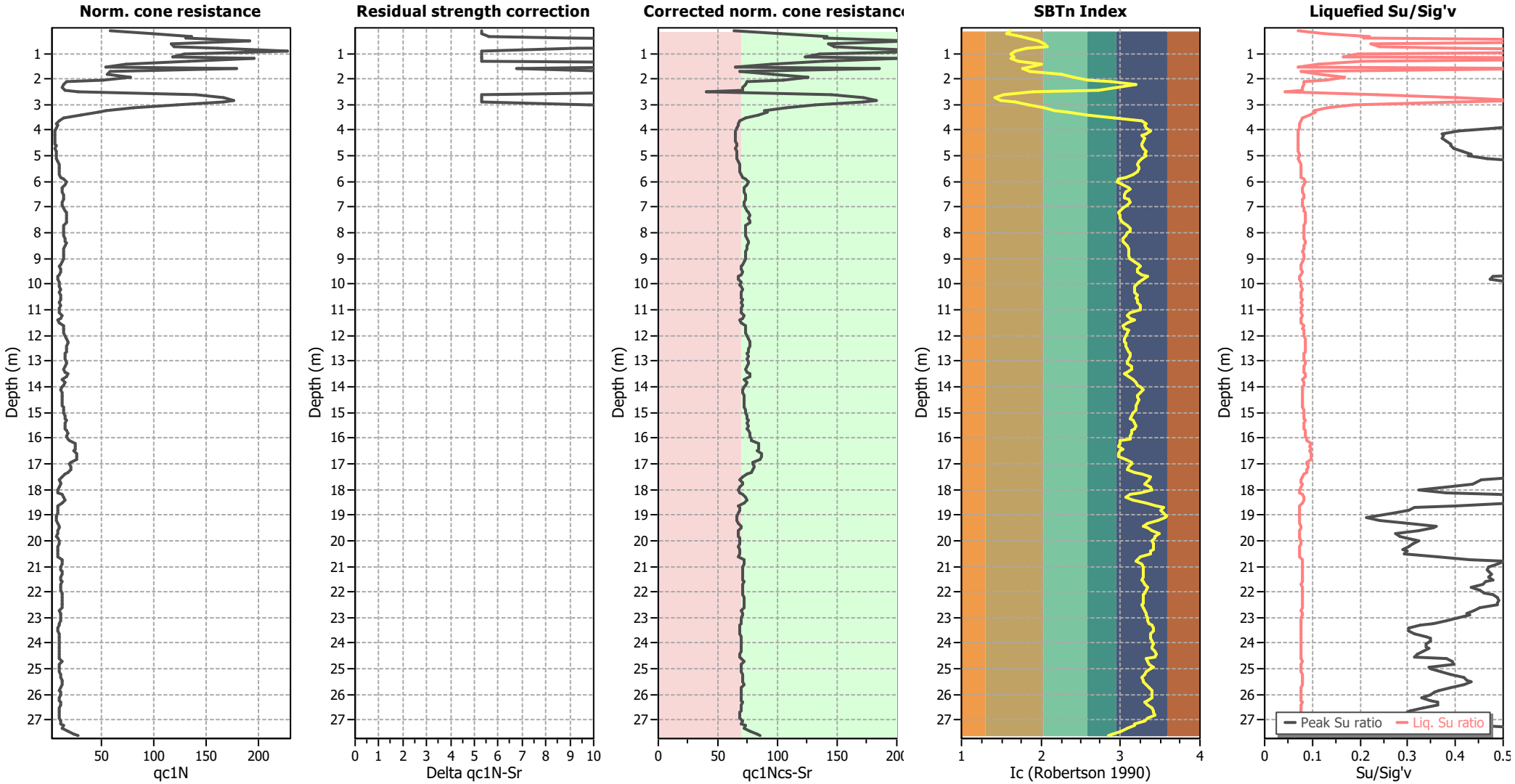




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.12	2.00	0.00	0.00	0.10	0.00	0.22	2.00	0.00	0.00	0.10	0.00
0.32	2.00	0.00	0.00	0.10	0.00	0.42	2.00	0.00	0.00	0.10	0.00
0.52	2.00	0.00	0.00	0.10	0.00	0.62	2.00	0.00	0.00	0.10	0.00
0.72	2.00	0.00	0.00	0.10	0.00	0.82	2.00	0.00	0.00	0.10	0.00
0.92	2.00	0.00	0.00	0.10	0.00	1.02	1.50	0.00	0.00	0.10	0.00
1.12	1.18	0.00	0.00	0.10	0.00	1.22	2.00	0.00	0.00	0.10	0.00
1.32	1.41	0.00	0.00	0.10	0.00	1.42	0.96	0.00	0.00	0.10	0.03
1.52	0.56	0.00	0.00	0.10	0.41	1.62	2.00	0.00	0.00	0.10	0.00
1.72	0.55	0.00	0.00	0.10	0.41	1.82	0.89	0.00	0.00	0.10	0.10
1.92	1.67	0.00	0.00	0.10	0.00	2.02	0.91	0.00	0.00	0.10	0.08
2.12	2.00	0.00	0.00	0.10	0.00	2.22	2.00	0.00	0.00	0.10	0.00
2.32	2.00	0.00	0.00	0.10	0.00	2.42	2.00	0.00	0.00	0.10	0.00
2.52	0.38	0.00	0.00	0.10	0.54	2.62	1.30	0.00	0.00	0.10	0.00
2.72	2.00	0.00	0.00	0.10	0.00	2.82	2.00	0.00	0.00	0.10	0.00
2.92	2.00	0.00	0.00	0.10	0.00	3.02	1.00	0.00	0.00	0.10	0.00
3.12	0.96	0.00	0.00	0.10	0.04	3.22	0.68	0.32	0.83	0.10	0.27
3.32	0.66	0.34	0.79	0.10	0.28	3.42	0.55	0.45	0.55	0.10	0.37
3.52	2.00	0.00	0.00	0.10	0.00	3.62	2.00	0.00	0.00	0.10	0.00
3.72	2.00	0.00	0.00	0.10	0.00	3.82	2.00	0.00	0.00	0.10	0.00
3.92	2.00	0.00	0.00	0.10	0.00	4.02	2.00	0.00	0.00	0.10	0.00
4.12	2.00	0.00	0.00	0.10	0.00	4.22	2.00	0.00	0.00	0.10	0.00
4.32	2.00	0.00	0.00	0.10	0.00	4.42	2.00	0.00	0.00	0.10	0.00
4.52	2.00	0.00	0.00	0.10	0.00	4.62	2.00	0.00	0.00	0.10	0.00
4.72	2.00	0.00	0.00	0.10	0.00	4.82	2.00	0.00	0.00	0.10	0.00
4.92	2.00	0.00	0.00	0.10	0.00	5.02	2.00	0.00	0.00	0.10	0.00
5.12	2.00	0.00	0.00	0.10	0.00	5.22	2.00	0.00	0.00	0.10	0.00
5.32	2.00	0.00	0.00	0.10	0.00	5.42	2.00	0.00	0.00	0.10	0.00
5.52	2.00	0.00	0.00	0.10	0.00	5.62	2.00	0.00	0.00	0.10	0.00
5.72	2.00	0.00	0.00	0.10	0.00	5.82	2.00	0.00	0.00	0.10	0.00
5.92	2.00	0.00	0.00	0.10	0.00	6.02	2.00	0.00	0.00	0.10	0.00
6.12	2.00	0.00	0.00	0.10	0.00	6.22	2.00	0.00	0.00	0.10	0.00
6.32	2.00	0.00	0.00	0.10	0.00	6.42	2.00	0.00	0.00	0.10	0.00
6.52	2.00	0.00	0.00	0.10	0.00	6.62	2.00	0.00	0.00	0.10	0.00
6.72	2.00	0.00	0.00	0.10	0.00	6.82	2.00	0.00	0.00	0.10	0.00
6.92	2.00	0.00	0.00	0.10	0.00	7.02	2.00	0.00	0.00	0.10	0.00
7.12	2.00	0.00	0.00	0.10	0.00	7.22	2.00	0.00	0.00	0.10	0.00
7.32	2.00	0.00	0.00	0.10	0.00	7.42	2.00	0.00	0.00	0.10	0.00
7.52	2.00	0.00	0.00	0.10	0.00	7.62	2.00	0.00	0.00	0.10	0.00
7.72	2.00	0.00	0.00	0.10	0.00	7.82	2.00	0.00	0.00	0.10	0.00
7.92	2.00	0.00	0.00	0.10	0.00	8.02	2.00	0.00	0.00	0.10	0.00
8.12	2.00	0.00	0.00	0.10	0.00	8.22	2.00	0.00	0.00	0.10	0.00
8.32	2.00	0.00	0.00	0.10	0.00	8.42	2.00	0.00	0.00	0.10	0.00
8.52	2.00	0.00	0.00	0.10	0.00	8.62	2.00	0.00	0.00	0.10	0.00
8.72	2.00	0.00	0.00	0.10	0.00	8.82	2.00	0.00	0.00	0.10	0.00
8.92	2.00	0.00	0.00	0.10	0.00	9.02	2.00	0.00	0.00	0.10	0.00
9.12	2.00	0.00	0.00	0.10	0.00	9.22	2.00	0.00	0.00	0.10	0.00
9.32	2.00	0.00	0.00	0.10	0.00	9.42	2.00	0.00	0.00	0.10	0.00
9.52	2.00	0.00	0.00	0.10	0.00	9.62	2.00	0.00	0.00	0.10	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.72	2.00	0.00	0.00	0.10	0.00	9.82	2.00	0.00	0.00	0.10	0.00
9.92	2.00	0.00	0.00	0.10	0.00	10.02	2.00	0.00	0.00	0.10	0.00
10.12	2.00	0.00	0.00	0.10	0.00	10.22	2.00	0.00	0.00	0.10	0.00
10.32	2.00	0.00	0.00	0.10	0.00	10.42	2.00	0.00	0.00	0.10	0.00
10.52	2.00	0.00	0.00	0.10	0.00	10.62	2.00	0.00	0.00	0.10	0.00
10.72	2.00	0.00	0.00	0.10	0.00	10.82	2.00	0.00	0.00	0.10	0.00
10.92	2.00	0.00	0.00	0.10	0.00	11.02	2.00	0.00	0.00	0.10	0.00
11.12	2.00	0.00	0.00	0.10	0.00	11.22	2.00	0.00	0.00	0.10	0.00
11.32	2.00	0.00	0.00	0.10	0.00	11.42	2.00	0.00	0.00	0.10	0.00
11.52	2.00	0.00	0.00	0.10	0.00	11.62	2.00	0.00	0.00	0.10	0.00
11.72	2.00	0.00	0.00	0.10	0.00	11.82	2.00	0.00	0.00	0.10	0.00
11.92	2.00	0.00	0.00	0.10	0.00	12.02	2.00	0.00	0.00	0.10	0.00
12.12	2.00	0.00	0.00	0.10	0.00	12.22	2.00	0.00	0.00	0.10	0.00
12.32	2.00	0.00	0.00	0.10	0.00	12.42	2.00	0.00	0.00	0.10	0.00
12.52	2.00	0.00	0.00	0.10	0.00	12.62	2.00	0.00	0.00	0.10	0.00
12.72	2.00	0.00	0.00	0.10	0.00	12.82	2.00	0.00	0.00	0.10	0.00
12.92	2.00	0.00	0.00	0.10	0.00	13.02	2.00	0.00	0.00	0.10	0.00
13.12	2.00	0.00	0.00	0.10	0.00	13.22	2.00	0.00	0.00	0.10	0.00
13.32	2.00	0.00	0.00	0.10	0.00	13.42	2.00	0.00	0.00	0.10	0.00
13.52	2.00	0.00	0.00	0.10	0.00	13.62	2.00	0.00	0.00	0.10	0.00
13.72	2.00	0.00	0.00	0.10	0.00	13.82	2.00	0.00	0.00	0.10	0.00
13.92	2.00	0.00	0.00	0.10	0.00	14.02	2.00	0.00	0.00	0.10	0.00
14.12	2.00	0.00	0.00	0.10	0.00	14.22	2.00	0.00	0.00	0.10	0.00
14.32	2.00	0.00	0.00	0.10	0.00	14.42	2.00	0.00	0.00	0.10	0.00
14.52	2.00	0.00	0.00	0.10	0.00	14.62	2.00	0.00	0.00	0.10	0.00
14.72	2.00	0.00	0.00	0.10	0.00	14.82	2.00	0.00	0.00	0.10	0.00
14.92	2.00	0.00	0.00	0.10	0.00	15.02	2.00	0.00	0.00	0.10	0.00
15.12	2.00	0.00	0.00	0.10	0.00	15.22	2.00	0.00	0.00	0.10	0.00
15.32	2.00	0.00	0.00	0.10	0.00	15.42	2.00	0.00	0.00	0.10	0.00
15.52	2.00	0.00	0.00	0.10	0.00	15.62	2.00	0.00	0.00	0.10	0.00
15.72	2.00	0.00	0.00	0.10	0.00	15.82	2.00	0.00	0.00	0.10	0.00
15.92	2.00	0.00	0.00	0.10	0.00	16.02	2.00	0.00	0.00	0.10	0.00
16.12	2.00	0.00	0.00	0.10	0.00	16.22	2.00	0.00	0.00	0.10	0.00
16.32	2.00	0.00	0.00	0.10	0.00	16.42	2.00	0.00	0.00	0.10	0.00
16.52	2.00	0.00	0.00	0.10	0.00	16.62	2.00	0.00	0.00	0.10	0.00
16.72	2.00	0.00	0.00	0.10	0.00	16.82	2.00	0.00	0.00	0.10	0.00
16.92	2.00	0.00	0.00	0.10	0.00	17.02	2.00	0.00	0.00	0.10	0.00
17.12	2.00	0.00	0.00	0.10	0.00	17.22	2.00	0.00	0.00	0.10	0.00
17.32	2.00	0.00	0.00	0.10	0.00	17.42	2.00	0.00	0.00	0.10	0.00
17.52	2.00	0.00	0.00	0.10	0.00	17.62	2.00	0.00	0.00	0.10	0.00
17.72	2.00	0.00	0.00	0.10	0.00	17.82	2.00	0.00	0.00	0.10	0.00
17.92	2.00	0.00	0.00	0.10	0.00	18.02	2.00	0.00	0.00	0.10	0.00
18.12	2.00	0.00	0.00	0.10	0.00	18.22	2.00	0.00	0.00	0.10	0.00
18.32	2.00	0.00	0.00	0.10	0.00	18.42	2.00	0.00	0.00	0.10	0.00
18.52	2.00	0.00	0.00	0.10	0.00	18.62	2.00	0.00	0.00	0.10	0.00
18.72	2.00	0.00	0.00	0.10	0.00	18.82	2.00	0.00	0.00	0.10	0.00
18.92	2.00	0.00	0.00	0.10	0.00	19.02	2.00	0.00	0.00	0.10	0.00
19.12	2.00	0.00	0.00	0.10	0.00	19.22	2.00	0.00	0.00	0.10	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.32	2.00	0.00	0.00	0.10	0.00	19.42	2.00	0.00	0.00	0.10	0.00
19.52	2.00	0.00	0.00	0.10	0.00	19.62	2.00	0.00	0.00	0.10	0.00
19.72	2.00	0.00	0.00	0.10	0.00	19.82	2.00	0.00	0.00	0.10	0.00
19.92	2.00	0.00	0.00	0.10	0.00	20.02	2.00	0.00	0.00	0.10	0.00
20.12	2.00	0.00	0.00	0.10	0.00	20.22	2.00	0.00	0.00	0.10	0.00
20.32	2.00	0.00	0.00	0.10	0.00	20.42	2.00	0.00	0.00	0.10	0.00
20.52	2.00	0.00	0.00	0.10	0.00	20.62	2.00	0.00	0.00	0.10	0.00
20.72	2.00	0.00	0.00	0.10	0.00	20.82	2.00	0.00	0.00	0.10	0.00
20.92	2.00	0.00	0.00	0.10	0.00	21.02	2.00	0.00	0.00	0.10	0.00
21.12	2.00	0.00	0.00	0.10	0.00	21.22	2.00	0.00	0.00	0.10	0.00
21.32	2.00	0.00	0.00	0.10	0.00	21.42	2.00	0.00	0.00	0.10	0.00
21.52	2.00	0.00	0.00	0.10	0.00	21.62	2.00	0.00	0.00	0.10	0.00
21.72	2.00	0.00	0.00	0.10	0.00	21.82	2.00	0.00	0.00	0.10	0.00
21.92	2.00	0.00	0.00	0.10	0.00	22.02	2.00	0.00	0.00	0.10	0.00
22.12	2.00	0.00	0.00	0.10	0.00	22.22	2.00	0.00	0.00	0.10	0.00
22.32	2.00	0.00	0.00	0.10	0.00	22.42	2.00	0.00	0.00	0.10	0.00
22.52	2.00	0.00	0.00	0.10	0.00	22.62	2.00	0.00	0.00	0.10	0.00
22.72	2.00	0.00	0.00	0.10	0.00	22.82	2.00	0.00	0.00	0.10	0.00
22.92	2.00	0.00	0.00	0.10	0.00	23.02	2.00	0.00	0.00	0.10	0.00
23.12	2.00	0.00	0.00	0.10	0.00	23.22	2.00	0.00	0.00	0.10	0.00
23.32	2.00	0.00	0.00	0.10	0.00	23.42	2.00	0.00	0.00	0.10	0.00
23.52	2.00	0.00	0.00	0.10	0.00	23.62	2.00	0.00	0.00	0.10	0.00
23.72	2.00	0.00	0.00	0.10	0.00	23.82	2.00	0.00	0.00	0.10	0.00
23.92	2.00	0.00	0.00	0.10	0.00	24.02	2.00	0.00	0.00	0.10	0.00
24.12	2.00	0.00	0.00	0.10	0.00	24.22	2.00	0.00	0.00	0.10	0.00
24.32	2.00	0.00	0.00	0.10	0.00	24.42	2.00	0.00	0.00	0.10	0.00
24.52	2.00	0.00	0.00	0.10	0.00	24.62	2.00	0.00	0.00	0.10	0.00
24.72	2.00	0.00	0.00	0.10	0.00	24.82	2.00	0.00	0.00	0.10	0.00
24.92	2.00	0.00	0.00	0.10	0.00	25.02	2.00	0.00	0.00	0.10	0.00
25.12	2.00	0.00	0.00	0.10	0.00	25.22	2.00	0.00	0.00	0.10	0.00
25.32	2.00	0.00	0.00	0.10	0.00	25.42	2.00	0.00	0.00	0.10	0.00
25.52	2.00	0.00	0.00	0.10	0.00	25.62	2.00	0.00	0.00	0.10	0.00
25.72	2.00	0.00	0.00	0.10	0.00	25.82	2.00	0.00	0.00	0.10	0.00
25.92	2.00	0.00	0.00	0.10	0.00	26.02	2.00	0.00	0.00	0.10	0.00
26.12	2.00	0.00	0.00	0.10	0.00	26.22	2.00	0.00	0.00	0.10	0.00
26.32	2.00	0.00	0.00	0.10	0.00	26.42	2.00	0.00	0.00	0.10	0.00
26.52	2.00	0.00	0.00	0.10	0.00	26.62	2.00	0.00	0.00	0.10	0.00
26.72	2.00	0.00	0.00	0.10	0.00	26.82	2.00	0.00	0.00	0.10	0.00
26.92	2.00	0.00	0.00	0.10	0.00	27.02	2.00	0.00	0.00	0.10	0.00
27.12	2.00	0.00	0.00	0.10	0.00	27.22	2.00	0.00	0.00	0.10	0.00
27.32	2.00	0.00	0.00	0.10	0.00	27.42	2.00	0.00	0.00	0.10	0.00
27.52	2.00	0.00	0.00	0.10	0.00	27.60	2.00	0.00	0.00	0.08	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}

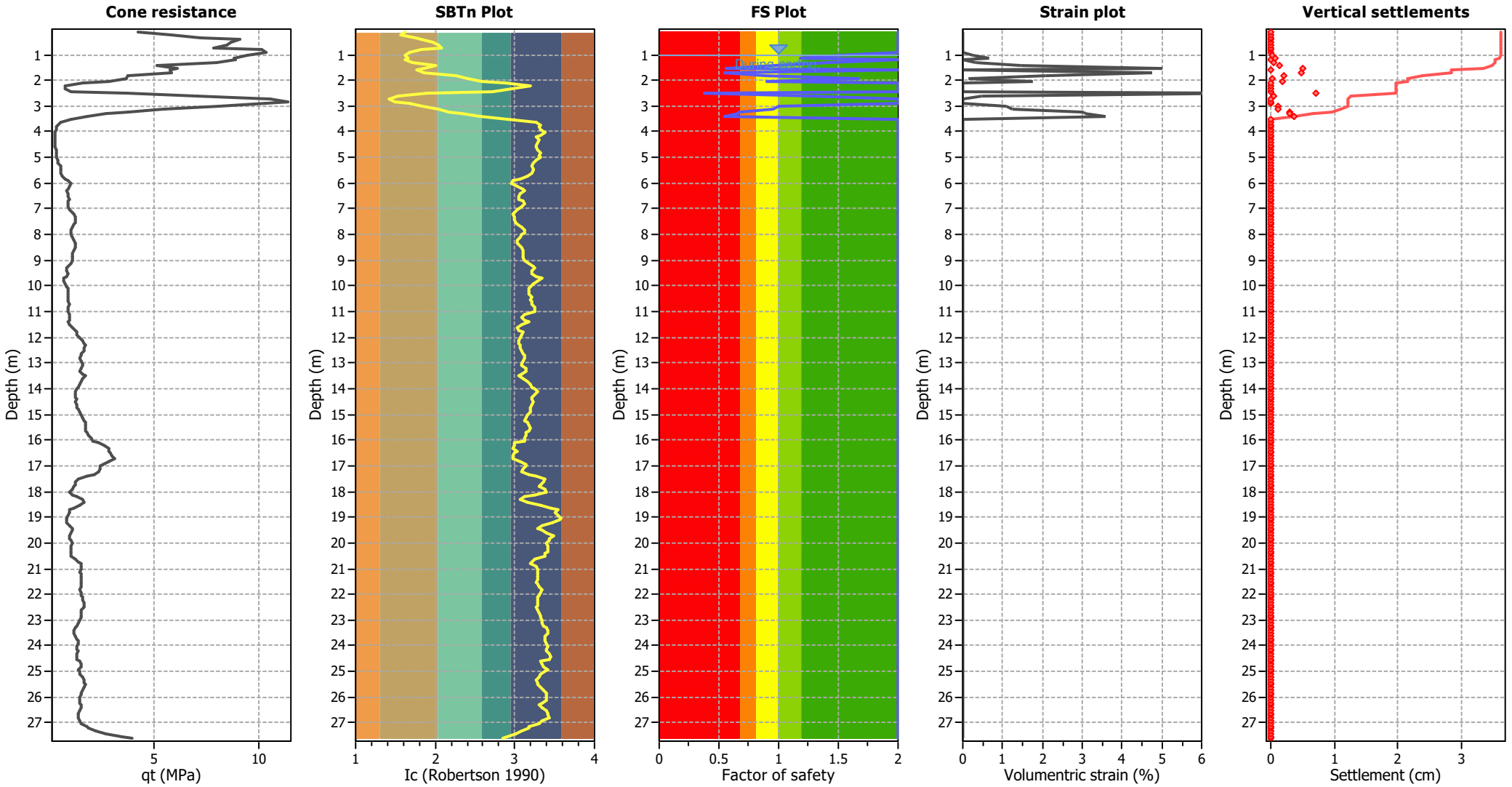
Overall liquefaction potential: 2.54

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.02	129.52	1.50	0.27	1.00	0.03	1.12	118.28	1.18	0.66	1.00	0.07
1.22	196.47	2.00	0.00	1.00	0.00	1.32	132.71	1.41	0.35	1.00	0.03
1.42	112.23	0.96	1.45	1.00	0.15	1.52	63.20	0.56	5.00	1.00	0.50
1.62	179.34	2.00	0.00	1.00	0.00	1.72	66.98	0.55	4.74	1.00	0.47
1.82	113.29	0.89	2.09	1.00	0.21	1.92	146.44	1.67	0.16	1.00	0.02
2.02	116.91	0.91	1.76	1.00	0.18	2.12	15.30	2.00	0.00	1.00	0.00
2.22	13.49	2.00	0.00	1.00	0.00	2.32	11.11	2.00	0.00	1.00	0.00
2.42	14.73	2.00	0.00	1.00	0.00	2.52	41.42	0.38	7.17	1.00	0.72
2.62	140.20	1.30	0.47	1.00	0.05	2.72	166.17	2.00	0.00	1.00	0.00
2.82	177.05	2.00	0.00	1.00	0.00	2.92	166.65	2.00	0.00	1.00	0.00
3.02	129.27	1.00	1.08	1.00	0.11	3.12	127.41	0.96	1.25	1.00	0.13
3.22	105.30	0.68	3.05	1.00	0.30	3.32	104.42	0.66	3.07	1.00	0.31
3.42	89.70	0.55	3.58	1.00	0.36	3.52	13.42	2.00	0.00	1.00	0.00
3.62	8.39	2.00	0.00	1.00	0.00	3.72	6.78	2.00	0.00	1.00	0.00
3.82	6.88	2.00	0.00	1.00	0.00	3.92	5.87	2.00	0.00	1.00	0.00
4.02	4.96	2.00	0.00	1.00	0.00	4.12	4.76	2.00	0.00	1.00	0.00
4.22	4.96	2.00	0.00	1.00	0.00	4.32	5.19	2.00	0.00	1.00	0.00
4.42	4.77	2.00	0.00	1.00	0.00	4.52	5.31	2.00	0.00	1.00	0.00
4.62	5.53	2.00	0.00	1.00	0.00	4.72	4.93	2.00	0.00	1.00	0.00
4.82	5.52	2.00	0.00	1.00	0.00	4.92	6.16	2.00	0.00	1.00	0.00
5.02	5.63	2.00	0.00	1.00	0.00	5.12	5.47	2.00	0.00	1.00	0.00
5.22	7.42	2.00	0.00	1.00	0.00	5.32	8.31	2.00	0.00	1.00	0.00
5.42	8.69	2.00	0.00	1.00	0.00	5.52	8.45	2.00	0.00	1.00	0.00
5.62	8.67	2.00	0.00	1.00	0.00	5.72	9.06	2.00	0.00	1.00	0.00
5.82	10.21	2.00	0.00	1.00	0.00	5.92	13.12	2.00	0.00	1.00	0.00
6.02	15.64	2.00	0.00	1.00	0.00	6.12	14.71	2.00	0.00	1.00	0.00
6.22	12.13	2.00	0.00	1.00	0.00	6.32	11.85	2.00	0.00	1.00	0.00
6.42	12.11	2.00	0.00	1.00	0.00	6.52	12.93	2.00	0.00	1.00	0.00
6.62	13.12	2.00	0.00	1.00	0.00	6.72	12.82	2.00	0.00	1.00	0.00
6.82	11.66	2.00	0.00	1.00	0.00	6.92	11.68	2.00	0.00	1.00	0.00
7.02	13.27	2.00	0.00	1.00	0.00	7.12	14.07	2.00	0.00	1.00	0.00
7.22	15.48	2.00	0.00	1.00	0.00	7.32	16.49	2.00	0.00	1.00	0.00
7.42	15.88	2.00	0.00	1.00	0.00	7.52	16.51	2.00	0.00	1.00	0.00
7.62	16.28	2.00	0.00	1.00	0.00	7.72	13.12	2.00	0.00	1.00	0.00
7.82	13.28	2.00	0.00	1.00	0.00	7.92	13.07	2.00	0.00	1.00	0.00
8.02	13.11	2.00	0.00	1.00	0.00	8.12	13.26	2.00	0.00	1.00	0.00
8.22	14.25	2.00	0.00	1.00	0.00	8.32	15.22	2.00	0.00	1.00	0.00
8.42	15.36	2.00	0.00	1.00	0.00	8.52	14.91	2.00	0.00	1.00	0.00
8.62	13.78	2.00	0.00	1.00	0.00	8.72	12.54	2.00	0.00	1.00	0.00
8.82	13.73	2.00	0.00	1.00	0.00	8.92	13.20	2.00	0.00	1.00	0.00
9.02	12.89	2.00	0.00	1.00	0.00	9.12	12.37	2.00	0.00	1.00	0.00
9.22	10.40	2.00	0.00	1.00	0.00	9.32	9.36	2.00	0.00	1.00	0.00
9.42	9.75	2.00	0.00	1.00	0.00	9.52	10.70	2.00	0.00	1.00	0.00
9.62	9.61	2.00	0.00	1.00	0.00	9.72	7.15	2.00	0.00	1.00	0.00
9.82	7.36	2.00	0.00	1.00	0.00	9.92	9.49	2.00	0.00	1.00	0.00
10.02	8.85	2.00	0.00	1.00	0.00	10.12	9.50	2.00	0.00	1.00	0.00
10.22	10.73	2.00	0.00	1.00	0.00	10.32	9.50	2.00	0.00	1.00	0.00
10.42	9.90	2.00	0.00	1.00	0.00	10.52	10.02	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.62	10.48	2.00	0.00	1.00	0.00	10.72	9.42	2.00	0.00	1.00	0.00
10.82	10.50	2.00	0.00	1.00	0.00	10.92	9.41	2.00	0.00	1.00	0.00
11.02	9.60	2.00	0.00	1.00	0.00	11.12	9.49	2.00	0.00	1.00	0.00
11.22	11.78	2.00	0.00	1.00	0.00	11.32	10.10	2.00	0.00	1.00	0.00
11.42	8.06	2.00	0.00	1.00	0.00	11.52	9.29	2.00	0.00	1.00	0.00
11.62	12.89	2.00	0.00	1.00	0.00	11.72	12.74	2.00	0.00	1.00	0.00
11.82	13.38	2.00	0.00	1.00	0.00	11.92	13.42	2.00	0.00	1.00	0.00
12.02	14.25	2.00	0.00	1.00	0.00	12.12	15.77	2.00	0.00	1.00	0.00
12.22	17.28	2.00	0.00	1.00	0.00	12.32	17.19	2.00	0.00	1.00	0.00
12.42	16.62	2.00	0.00	1.00	0.00	12.52	15.96	2.00	0.00	1.00	0.00
12.62	15.70	2.00	0.00	1.00	0.00	12.72	13.89	2.00	0.00	1.00	0.00
12.82	15.17	2.00	0.00	1.00	0.00	12.92	14.24	2.00	0.00	1.00	0.00
13.02	15.42	2.00	0.00	1.00	0.00	13.12	15.45	2.00	0.00	1.00	0.00
13.22	14.62	2.00	0.00	1.00	0.00	13.32	13.24	2.00	0.00	1.00	0.00
13.42	14.59	2.00	0.00	1.00	0.00	13.52	17.06	2.00	0.00	1.00	0.00
13.62	16.33	2.00	0.00	1.00	0.00	13.72	12.36	2.00	0.00	1.00	0.00
13.82	13.88	2.00	0.00	1.00	0.00	13.92	13.64	2.00	0.00	1.00	0.00
14.02	11.84	2.00	0.00	1.00	0.00	14.12	10.79	2.00	0.00	1.00	0.00
14.22	11.11	2.00	0.00	1.00	0.00	14.32	11.88	2.00	0.00	1.00	0.00
14.42	11.84	2.00	0.00	1.00	0.00	14.52	11.52	2.00	0.00	1.00	0.00
14.62	11.39	2.00	0.00	1.00	0.00	14.72	12.06	2.00	0.00	1.00	0.00
14.82	12.46	2.00	0.00	1.00	0.00	14.92	13.21	2.00	0.00	1.00	0.00
15.02	12.98	2.00	0.00	1.00	0.00	15.12	14.08	2.00	0.00	1.00	0.00
15.22	14.56	2.00	0.00	1.00	0.00	15.32	15.64	2.00	0.00	1.00	0.00
15.42	14.79	2.00	0.00	1.00	0.00	15.52	15.08	2.00	0.00	1.00	0.00
15.62	14.68	2.00	0.00	1.00	0.00	15.72	15.32	2.00	0.00	1.00	0.00
15.82	17.34	2.00	0.00	1.00	0.00	15.92	16.49	2.00	0.00	1.00	0.00
16.02	17.81	2.00	0.00	1.00	0.00	16.12	18.52	2.00	0.00	1.00	0.00
16.22	24.57	2.00	0.00	1.00	0.00	16.32	24.13	2.00	0.00	1.00	0.00
16.42	24.30	2.00	0.00	1.00	0.00	16.52	23.43	2.00	0.00	1.00	0.00
16.62	26.09	2.00	0.00	1.00	0.00	16.72	26.16	2.00	0.00	1.00	0.00
16.82	25.72	2.00	0.00	1.00	0.00	16.92	19.46	2.00	0.00	1.00	0.00
17.02	19.05	2.00	0.00	1.00	0.00	17.12	20.65	2.00	0.00	1.00	0.00
17.22	19.58	2.00	0.00	1.00	0.00	17.32	17.77	2.00	0.00	1.00	0.00
17.42	14.34	2.00	0.00	1.00	0.00	17.52	11.05	2.00	0.00	1.00	0.00
17.62	8.53	2.00	0.00	1.00	0.00	17.72	10.18	2.00	0.00	1.00	0.00
17.82	10.47	2.00	0.00	1.00	0.00	17.92	8.29	2.00	0.00	1.00	0.00
18.02	7.48	2.00	0.00	1.00	0.00	18.12	7.66	2.00	0.00	1.00	0.00
18.22	11.30	2.00	0.00	1.00	0.00	18.32	12.85	2.00	0.00	1.00	0.00
18.42	13.93	2.00	0.00	1.00	0.00	18.52	12.22	2.00	0.00	1.00	0.00
18.62	7.59	2.00	0.00	1.00	0.00	18.72	7.86	2.00	0.00	1.00	0.00
18.82	7.84	2.00	0.00	1.00	0.00	18.92	7.00	2.00	0.00	1.00	0.00
19.02	6.20	2.00	0.00	1.00	0.00	19.12	5.99	2.00	0.00	1.00	0.00
19.22	6.25	2.00	0.00	1.00	0.00	19.32	7.51	2.00	0.00	1.00	0.00
19.42	9.24	2.00	0.00	1.00	0.00	19.52	9.22	2.00	0.00	1.00	0.00
19.62	7.30	2.00	0.00	1.00	0.00	19.72	7.65	2.00	0.00	1.00	0.00
19.82	6.85	2.00	0.00	1.00	0.00	19.92	7.76	2.00	0.00	1.00	0.00
20.02	8.27	2.00	0.00	1.00	0.00	20.12	8.32	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

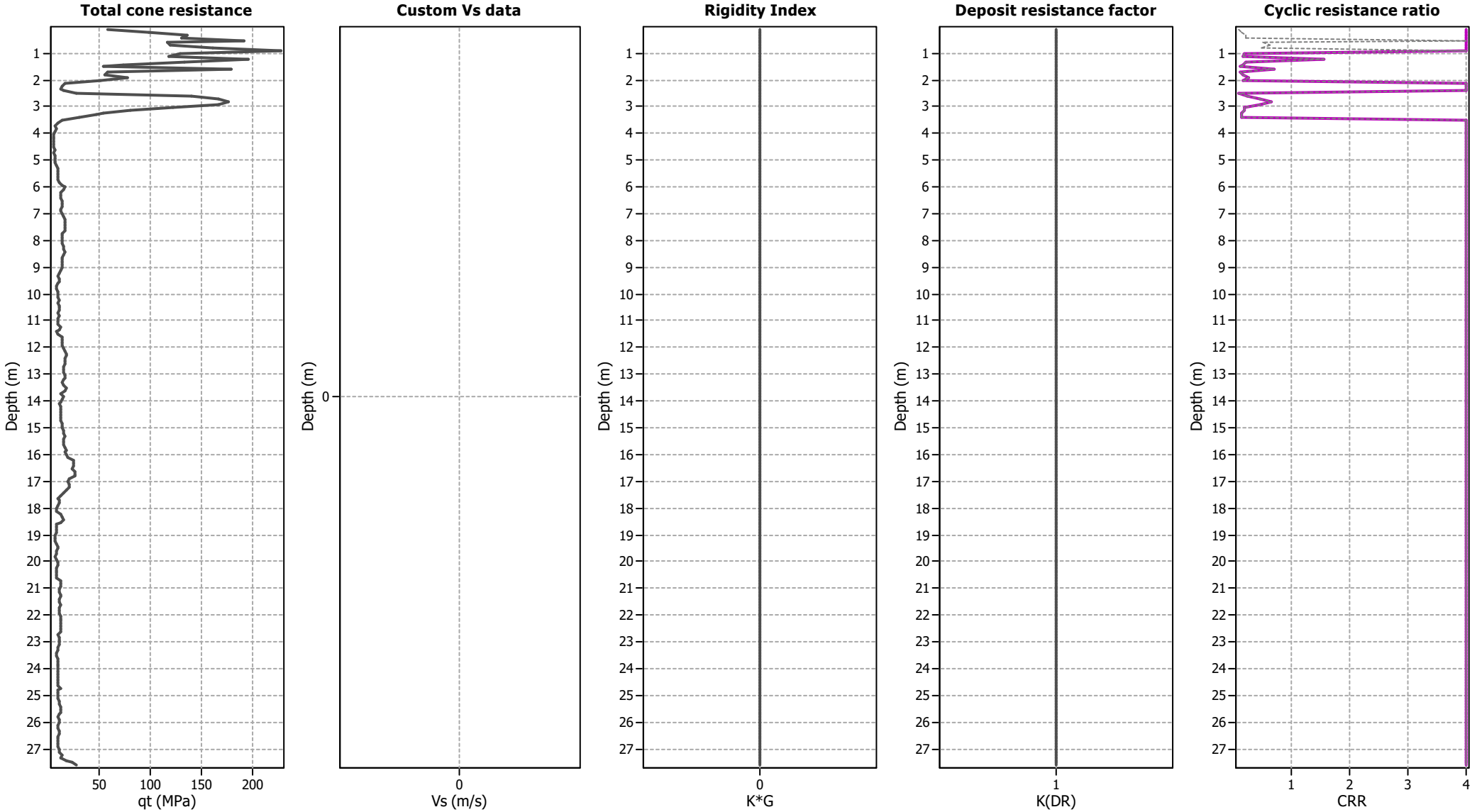
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
20.22	7.32	2.00	0.00	1.00	0.00	20.32	7.68	2.00	0.00	1.00	0.00
20.42	7.74	2.00	0.00	1.00	0.00	20.52	7.87	2.00	0.00	1.00	0.00
20.62	7.48	2.00	0.00	1.00	0.00	20.72	11.54	2.00	0.00	1.00	0.00
20.82	11.43	2.00	0.00	1.00	0.00	20.92	11.40	2.00	0.00	1.00	0.00
21.02	10.85	2.00	0.00	1.00	0.00	21.12	10.53	2.00	0.00	1.00	0.00
21.22	11.23	2.00	0.00	1.00	0.00	21.32	11.13	2.00	0.00	1.00	0.00
21.42	10.95	2.00	0.00	1.00	0.00	21.52	10.92	2.00	0.00	1.00	0.00
21.62	11.70	2.00	0.00	1.00	0.00	21.72	10.21	2.00	0.00	1.00	0.00
21.82	10.62	2.00	0.00	1.00	0.00	21.92	10.45	2.00	0.00	1.00	0.00
22.02	11.21	2.00	0.00	1.00	0.00	22.12	11.25	2.00	0.00	1.00	0.00
22.22	11.58	2.00	0.00	1.00	0.00	22.32	11.70	2.00	0.00	1.00	0.00
22.42	11.52	2.00	0.00	1.00	0.00	22.52	11.49	2.00	0.00	1.00	0.00
22.62	11.68	2.00	0.00	1.00	0.00	22.72	9.59	2.00	0.00	1.00	0.00
22.82	10.98	2.00	0.00	1.00	0.00	22.92	10.81	2.00	0.00	1.00	0.00
23.02	9.94	2.00	0.00	1.00	0.00	23.12	9.77	2.00	0.00	1.00	0.00
23.22	9.47	2.00	0.00	1.00	0.00	23.32	8.48	2.00	0.00	1.00	0.00
23.42	8.18	2.00	0.00	1.00	0.00	23.52	8.16	2.00	0.00	1.00	0.00
23.62	8.49	2.00	0.00	1.00	0.00	23.72	9.02	2.00	0.00	1.00	0.00
23.82	9.48	2.00	0.00	1.00	0.00	23.92	9.18	2.00	0.00	1.00	0.00
24.02	9.02	2.00	0.00	1.00	0.00	24.12	9.00	2.00	0.00	1.00	0.00
24.22	9.25	2.00	0.00	1.00	0.00	24.32	9.43	2.00	0.00	1.00	0.00
24.42	8.39	2.00	0.00	1.00	0.00	24.52	8.44	2.00	0.00	1.00	0.00
24.62	9.23	2.00	0.00	1.00	0.00	24.72	12.20	2.00	0.00	1.00	0.00
24.82	9.32	2.00	0.00	1.00	0.00	24.92	9.37	2.00	0.00	1.00	0.00
25.02	9.35	2.00	0.00	1.00	0.00	25.12	9.53	2.00	0.00	1.00	0.00
25.22	10.58	2.00	0.00	1.00	0.00	25.32	10.76	2.00	0.00	1.00	0.00
25.42	11.07	2.00	0.00	1.00	0.00	25.52	11.11	2.00	0.00	1.00	0.00
25.62	11.35	2.00	0.00	1.00	0.00	25.72	10.06	2.00	0.00	1.00	0.00
25.82	9.57	2.00	0.00	1.00	0.00	25.92	10.01	2.00	0.00	1.00	0.00
26.02	9.66	2.00	0.00	1.00	0.00	26.12	8.98	2.00	0.00	1.00	0.00
26.22	9.03	2.00	0.00	1.00	0.00	26.32	10.71	2.00	0.00	1.00	0.00
26.42	9.97	2.00	0.00	1.00	0.00	26.52	9.04	2.00	0.00	1.00	0.00
26.62	9.02	2.00	0.00	1.00	0.00	26.72	8.35	2.00	0.00	1.00	0.00
26.82	8.72	2.00	0.00	1.00	0.00	26.92	8.77	2.00	0.00	1.00	0.00
27.02	10.62	2.00	0.00	1.00	0.00	27.12	10.08	2.00	0.00	1.00	0.00
27.22	13.05	2.00	0.00	1.00	0.00	27.32	12.05	2.00	0.00	1.00	0.00
27.42	16.82	2.00	0.00	1.00	0.00	27.52	23.12	2.00	0.00	1.00	0.00
27.60	26.91	2.00	0.00	1.00	0.00						

Total estimated settlement: 3.62

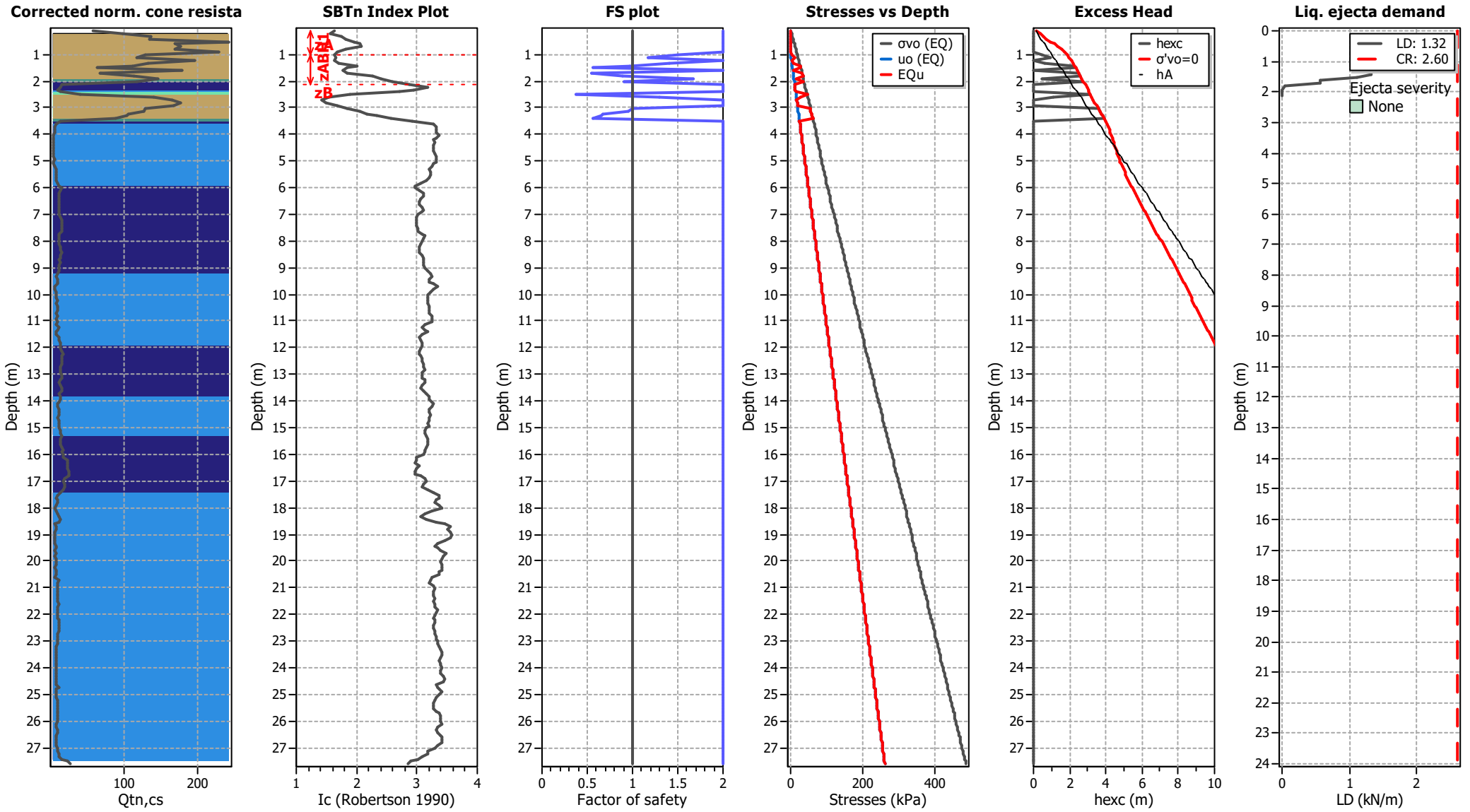
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



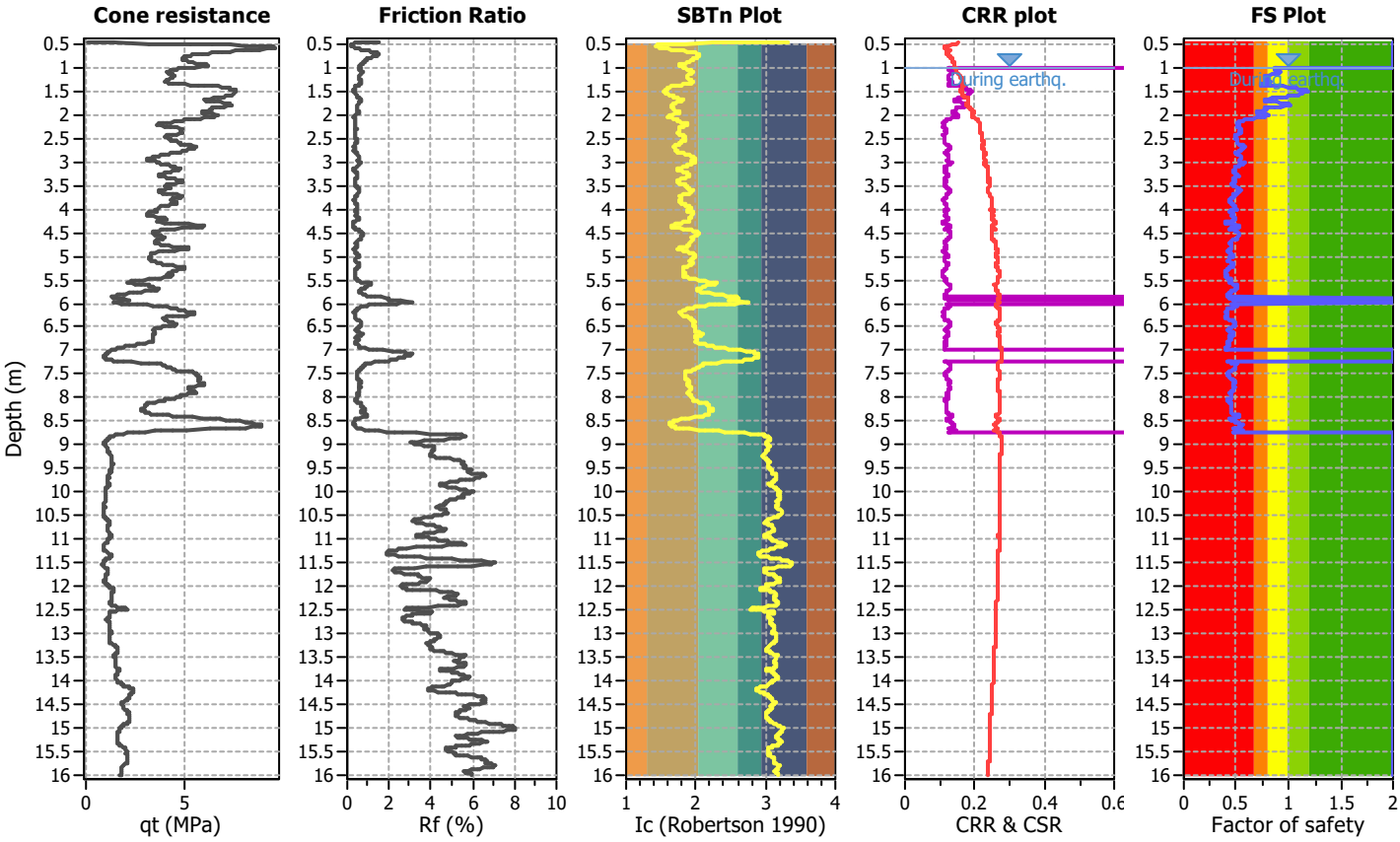
LIQUEFACTION ANALYSIS REPORT

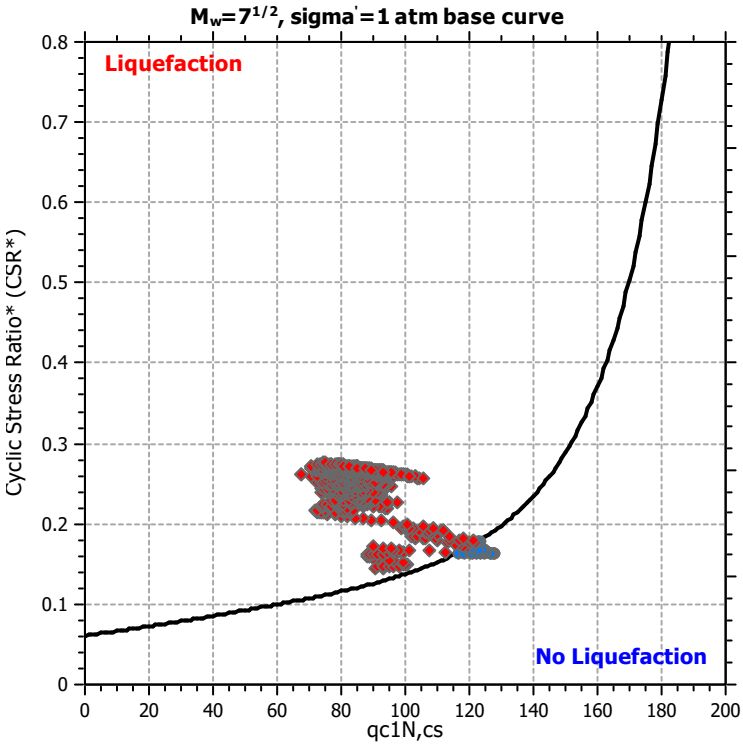
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

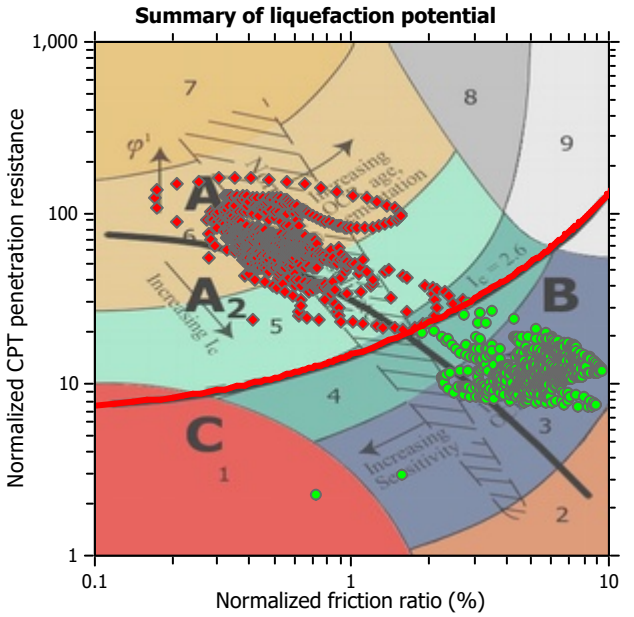
CPT file : 040008P983CPTU984

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

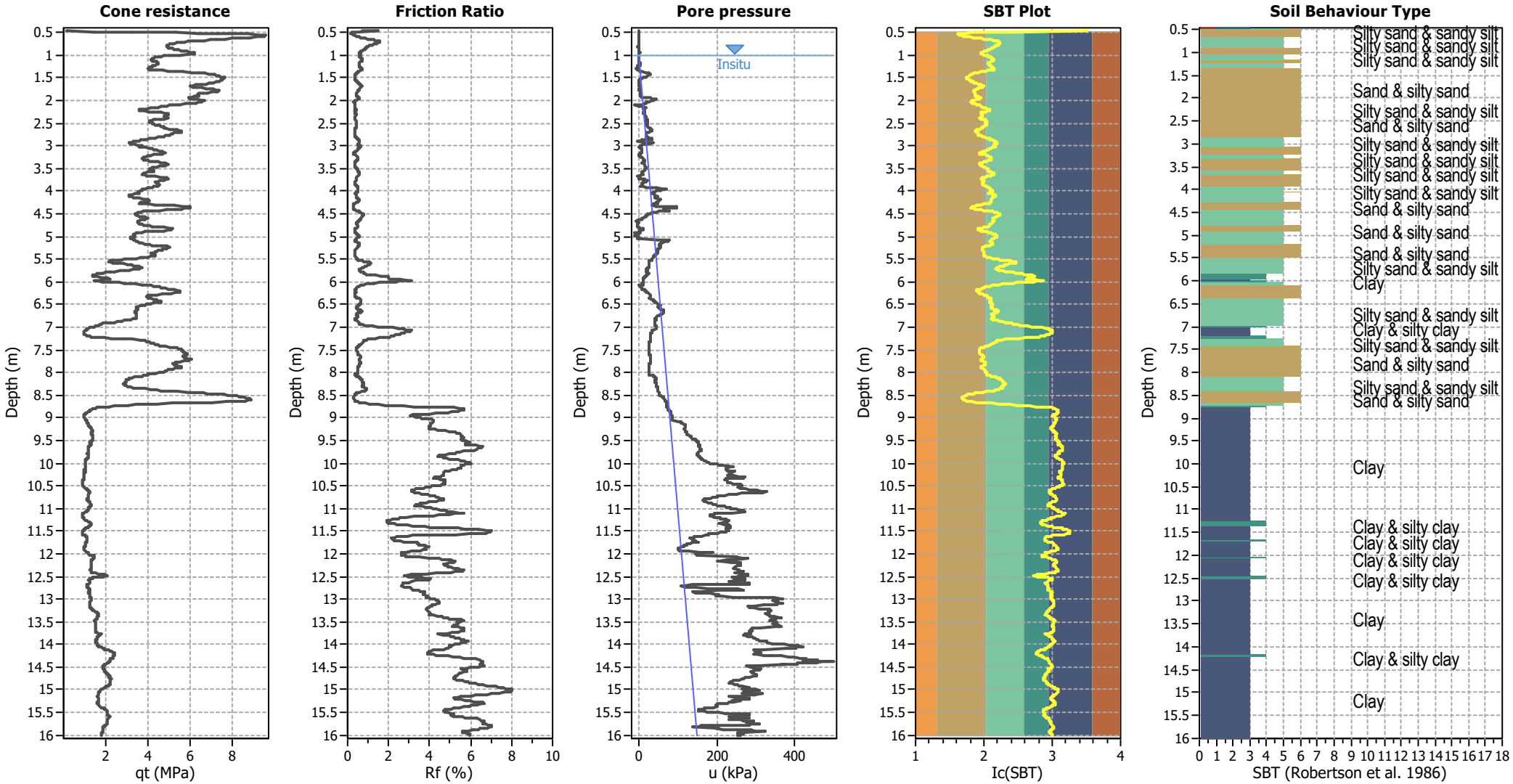






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



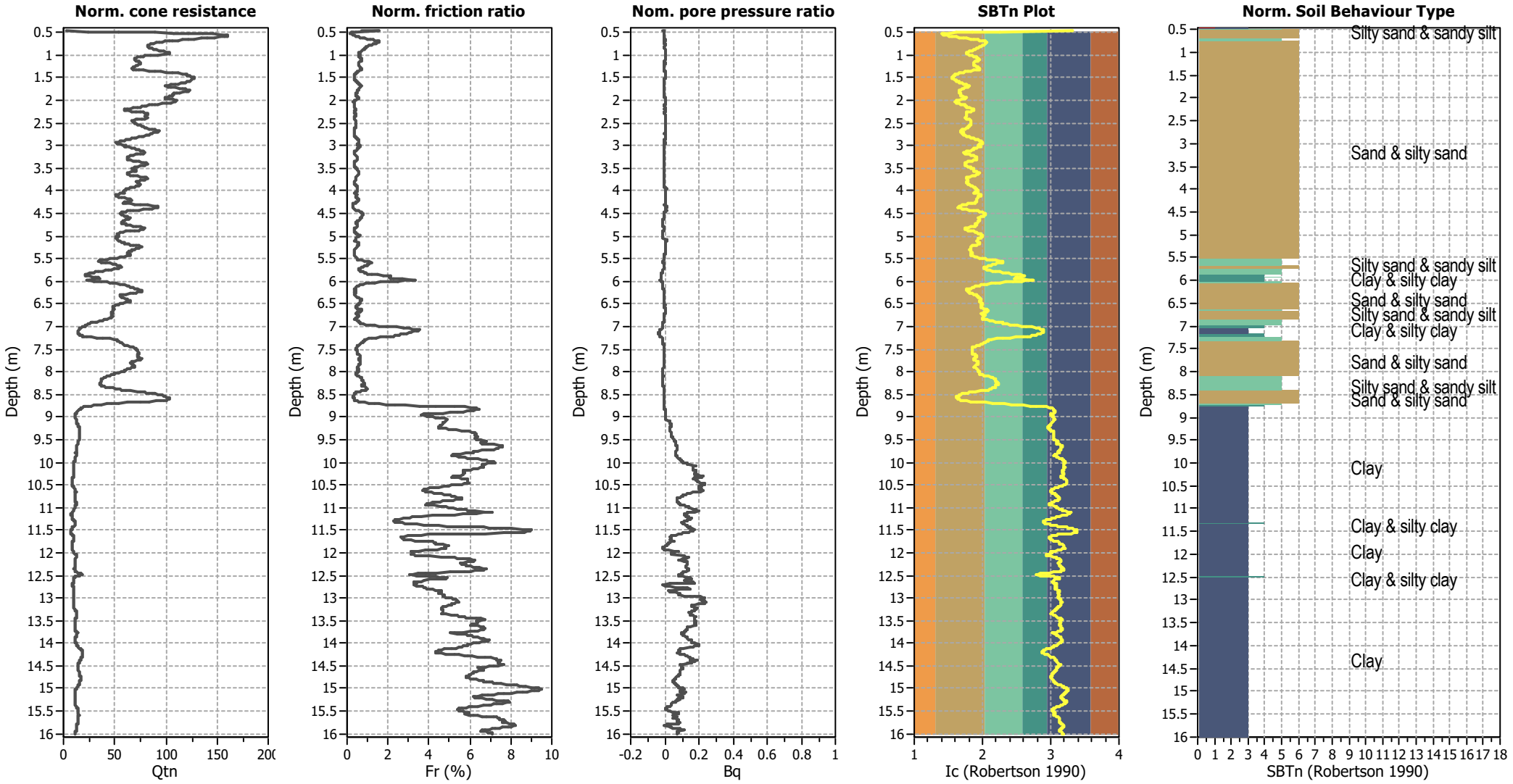
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



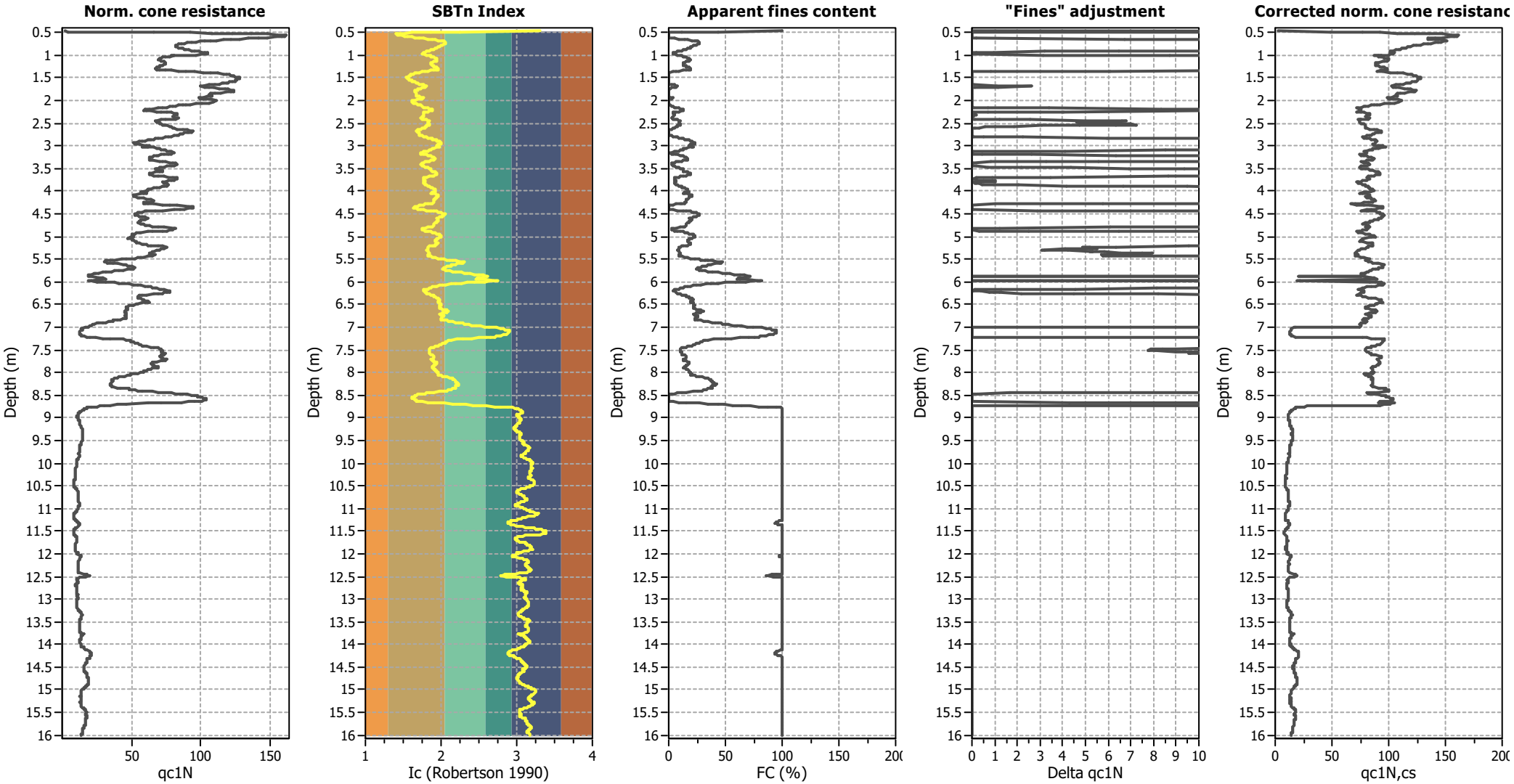
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

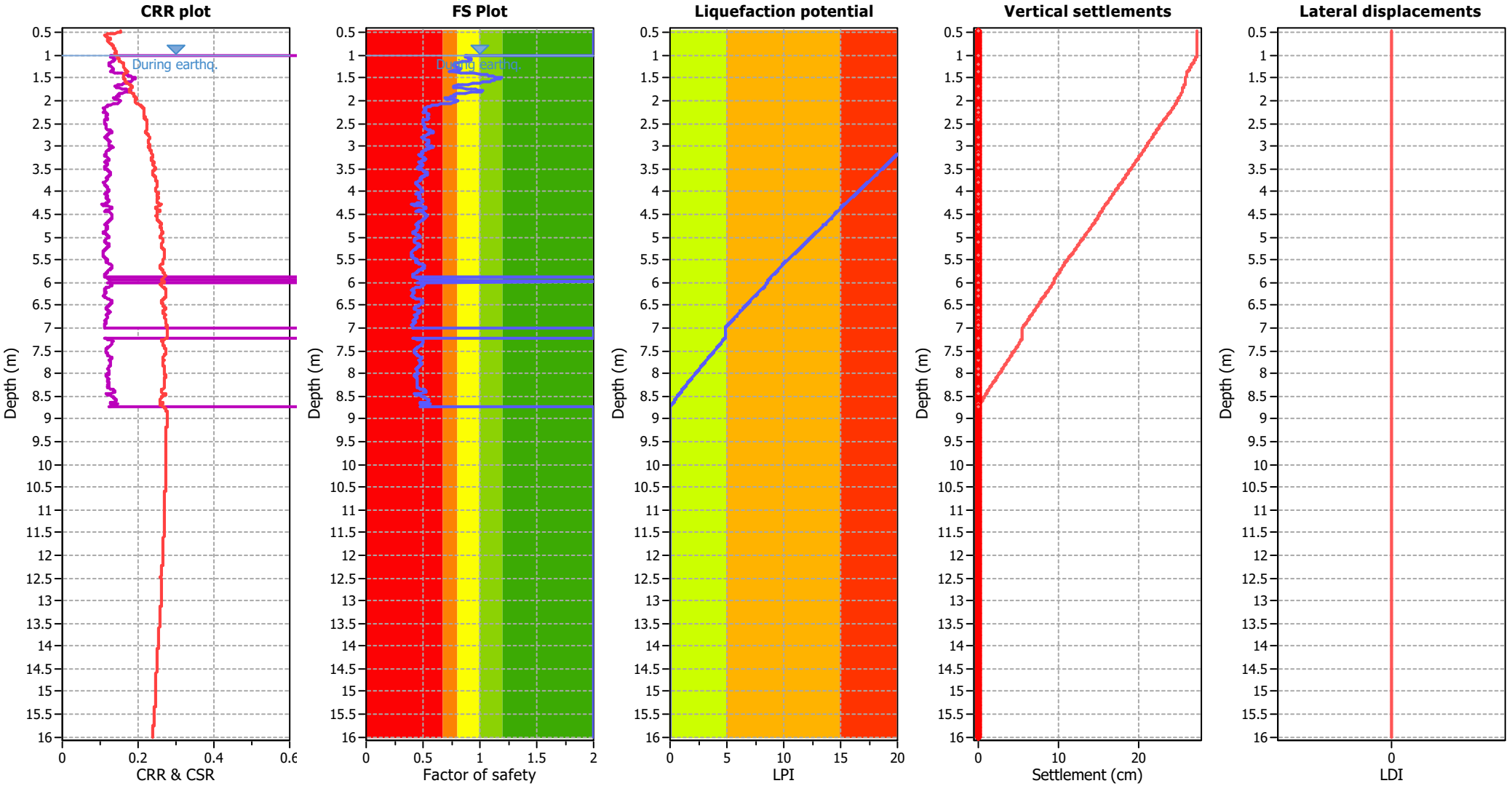
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

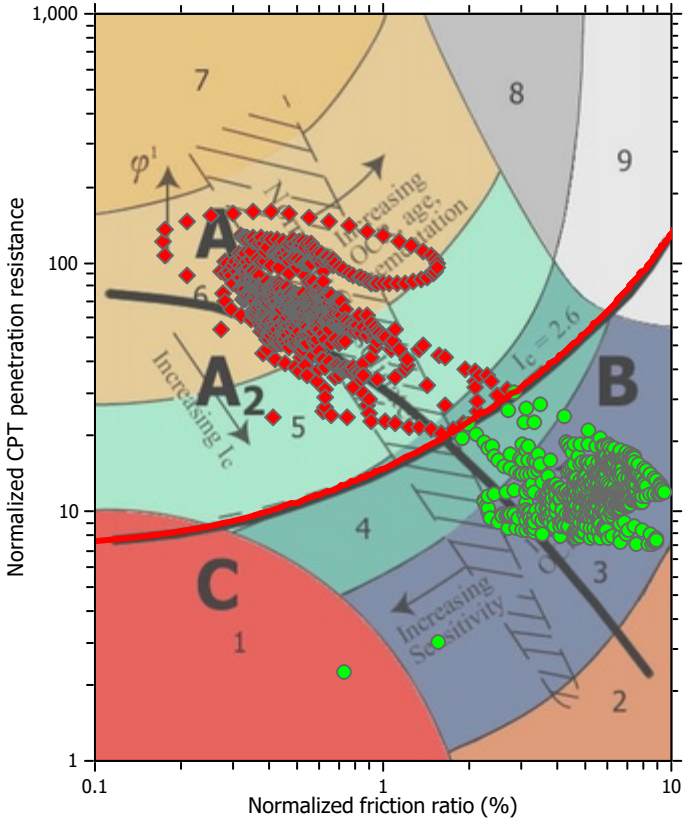
F.S. color scheme

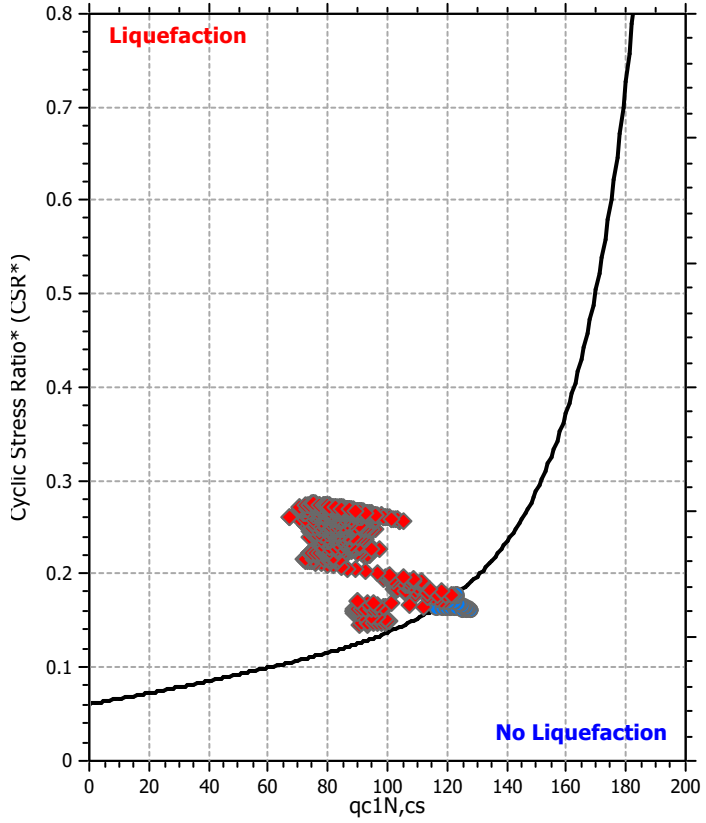
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

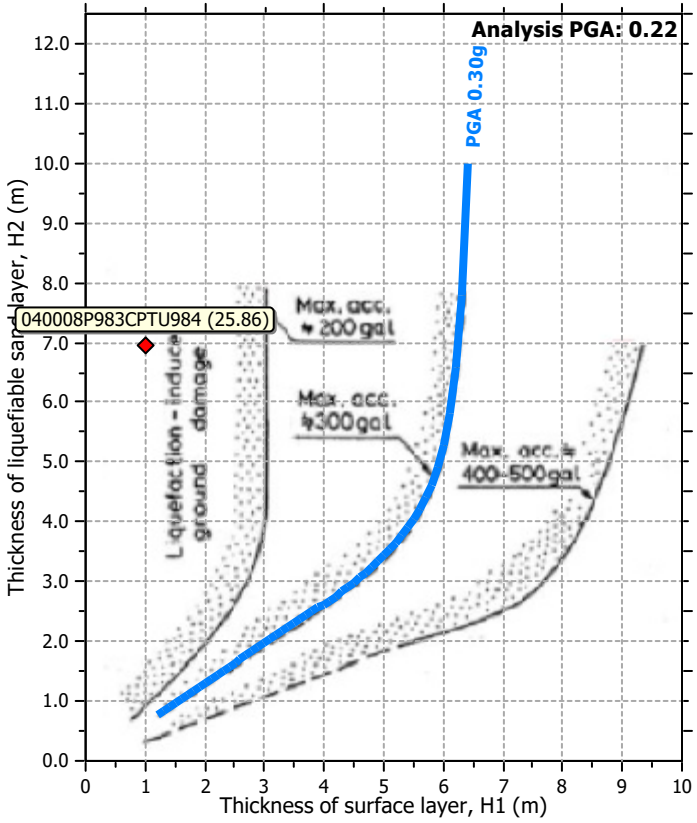
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



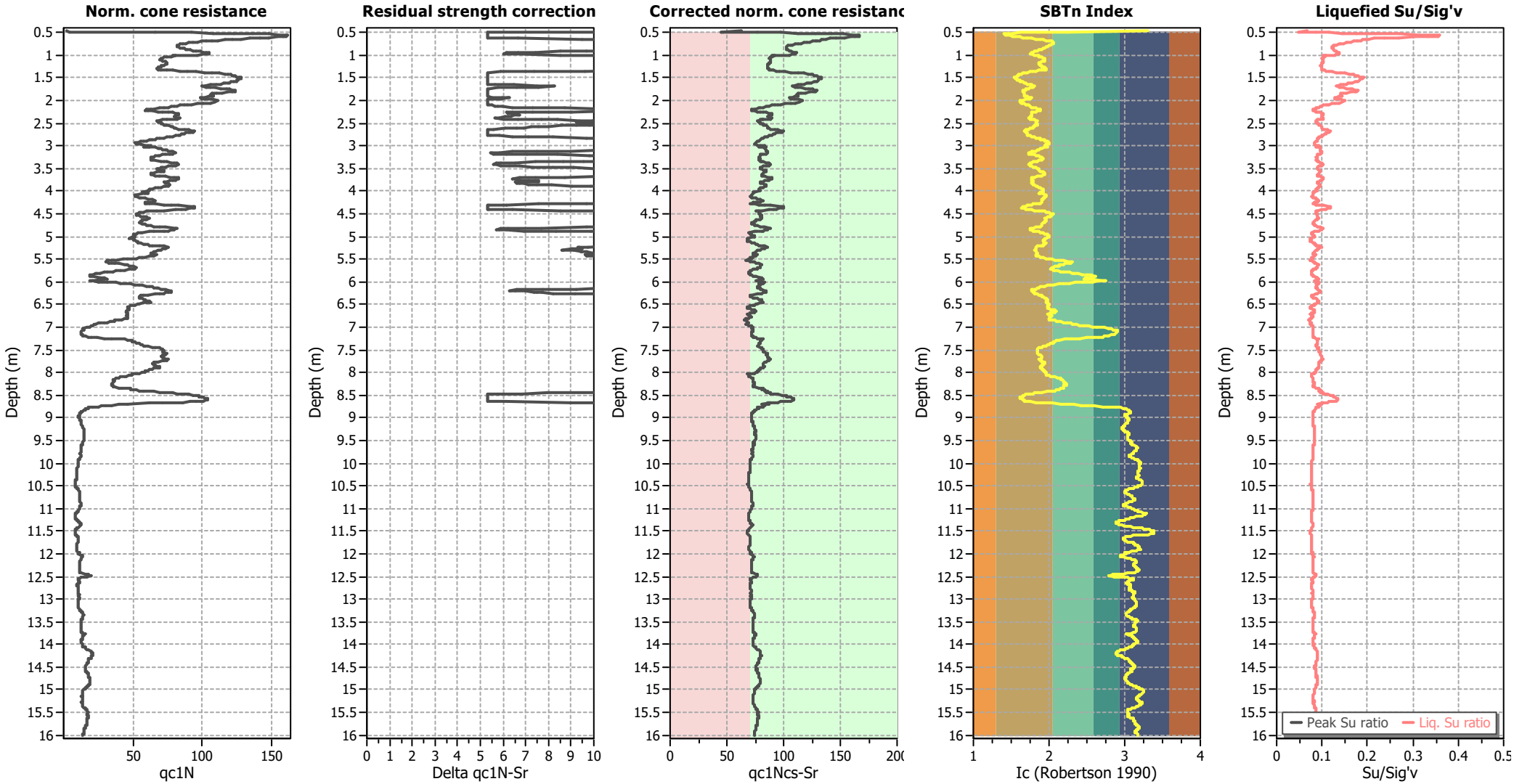




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.46	2.00	0.00	0.00	0.01	0.00	0.47	2.00	0.00	0.00	0.01	0.00
0.48	2.00	0.00	0.00	0.01	0.00	0.49	2.00	0.00	0.00	0.01	0.00
0.50	2.00	0.00	0.00	0.01	0.00	0.51	2.00	0.00	0.00	0.01	0.00
0.52	2.00	0.00	0.00	0.01	0.00	0.53	2.00	0.00	0.00	0.01	0.00
0.54	2.00	0.00	0.00	0.01	0.00	0.55	2.00	0.00	0.00	0.01	0.00
0.56	2.00	0.00	0.00	0.01	0.00	0.57	2.00	0.00	0.00	0.01	0.00
0.58	2.00	0.00	0.00	0.01	0.00	0.59	2.00	0.00	0.00	0.01	0.00
0.60	2.00	0.00	0.00	0.01	0.00	0.61	2.00	0.00	0.00	0.01	0.00
0.62	2.00	0.00	0.00	0.01	0.00	0.63	2.00	0.00	0.00	0.01	0.00
0.64	2.00	0.00	0.00	0.01	0.00	0.65	2.00	0.00	0.00	0.01	0.00
0.66	2.00	0.00	0.00	0.01	0.00	0.67	2.00	0.00	0.00	0.01	0.00
0.68	2.00	0.00	0.00	0.01	0.00	0.69	2.00	0.00	0.00	0.01	0.00
0.70	2.00	0.00	0.00	0.01	0.00	0.71	2.00	0.00	0.00	0.01	0.00
0.72	2.00	0.00	0.00	0.01	0.00	0.73	2.00	0.00	0.00	0.01	0.00
0.74	2.00	0.00	0.00	0.01	0.00	0.75	2.00	0.00	0.00	0.01	0.00
0.76	2.00	0.00	0.00	0.01	0.00	0.77	2.00	0.00	0.00	0.01	0.00
0.78	2.00	0.00	0.00	0.01	0.00	0.79	2.00	0.00	0.00	0.01	0.00
0.80	2.00	0.00	0.00	0.01	0.00	0.81	2.00	0.00	0.00	0.01	0.00
0.82	2.00	0.00	0.00	0.01	0.00	0.83	2.00	0.00	0.00	0.01	0.00
0.84	2.00	0.00	0.00	0.01	0.00	0.85	2.00	0.00	0.00	0.01	0.00
0.86	2.00	0.00	0.00	0.01	0.00	0.87	2.00	0.00	0.00	0.01	0.00
0.88	2.00	0.00	0.00	0.01	0.00	0.89	2.00	0.00	0.00	0.01	0.00
0.90	2.00	0.00	0.00	0.01	0.00	0.91	2.00	0.00	0.00	0.01	0.00
0.92	2.00	0.00	0.00	0.01	0.00	0.93	2.00	0.00	0.00	0.01	0.00
0.94	2.00	0.00	0.00	0.01	0.00	0.95	2.00	0.00	0.00	0.01	0.00
0.96	2.00	0.00	0.00	0.01	0.00	0.97	2.00	0.00	0.00	0.01	0.00
0.98	2.00	0.00	0.00	0.01	0.00	0.99	2.00	0.00	0.00	0.01	0.00
1.00	2.00	0.00	0.00	0.01	0.00	1.01	0.87	0.00	0.00	0.01	0.01
1.02	0.89	0.00	0.00	0.01	0.01	1.03	0.87	0.00	0.00	0.01	0.01
1.04	0.88	0.00	0.00	0.01	0.01	1.05	0.89	0.00	0.00	0.01	0.01
1.06	0.90	0.00	0.00	0.01	0.01	1.07	0.91	0.00	0.00	0.01	0.01
1.08	0.92	0.00	0.00	0.01	0.01	1.09	0.92	0.00	0.00	0.01	0.01
1.10	0.92	0.00	0.00	0.01	0.01	1.11	0.91	0.00	0.00	0.01	0.01
1.12	0.90	0.00	0.00	0.01	0.01	1.13	0.87	0.00	0.00	0.01	0.01
1.14	0.85	0.15	2.57	0.01	0.01	1.15	0.81	0.19	1.85	0.01	0.02
1.16	0.80	0.20	1.61	0.01	0.02	1.17	0.78	0.22	1.46	0.01	0.02
1.18	0.78	0.22	1.41	0.01	0.02	1.19	0.77	0.23	1.36	0.01	0.02
1.20	0.77	0.23	1.33	0.01	0.02	1.21	0.77	0.23	1.31	0.01	0.02
1.22	0.77	0.23	1.32	0.01	0.02	1.23	0.77	0.23	1.35	0.01	0.02
1.24	0.78	0.22	1.43	0.01	0.02	1.25	0.79	0.21	1.53	0.01	0.02
1.26	0.80	0.20	1.67	0.01	0.02	1.27	0.81	0.19	1.83	0.01	0.02
1.28	0.82	0.18	1.98	0.01	0.02	1.29	0.83	0.17	2.11	0.01	0.02
1.30	0.83	0.17	2.16	0.01	0.02	1.31	0.83	0.17	2.09	0.01	0.02
1.32	0.82	0.18	1.90	0.01	0.02	1.33	0.80	0.20	1.61	0.01	0.02
1.34	0.76	0.24	1.29	0.01	0.02	1.35	0.73	0.27	1.09	0.01	0.02
1.36	0.73	0.27	1.08	0.01	0.02	1.37	0.77	0.23	1.38	0.01	0.02
1.38	0.83	0.17	2.13	0.01	0.02	1.39	0.89	0.00	0.00	0.01	0.01
1.40	0.95	0.00	0.00	0.01	0.00	1.41	1.01	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.42	1.04	0.00	0.00	0.01	0.00	1.43	1.06	0.00	0.00	0.01	0.00
1.44	1.08	0.00	0.00	0.01	0.00	1.45	1.10	0.00	0.00	0.01	0.00
1.46	1.12	0.00	0.00	0.01	0.00	1.47	1.14	0.00	0.00	0.01	0.00
1.48	1.17	0.00	0.00	0.01	0.00	1.49	1.19	0.00	0.00	0.01	0.00
1.50	1.20	0.00	0.00	0.01	0.00	1.51	1.18	0.00	0.00	0.01	0.00
1.52	1.15	0.00	0.00	0.01	0.00	1.53	1.13	0.00	0.00	0.01	0.00
1.54	1.13	0.00	0.00	0.01	0.00	1.55	1.12	0.00	0.00	0.01	0.00
1.56	1.11	0.00	0.00	0.01	0.00	1.57	1.09	0.00	0.00	0.01	0.00
1.58	1.06	0.00	0.00	0.01	0.00	1.59	1.02	0.00	0.00	0.01	0.00
1.60	0.99	0.00	0.00	0.01	0.00	1.61	0.97	0.00	0.00	0.01	0.00
1.62	0.95	0.00	0.00	0.01	0.00	1.63	0.93	0.00	0.00	0.01	0.01
1.64	0.89	0.00	0.00	0.01	0.01	1.65	0.85	0.15	2.69	0.01	0.01
1.66	0.81	0.19	1.74	0.01	0.02	1.67	0.77	0.23	1.38	0.01	0.02
1.68	0.77	0.23	1.30	0.01	0.02	1.69	0.77	0.23	1.31	0.01	0.02
1.70	0.77	0.23	1.38	0.01	0.02	1.71	0.80	0.20	1.65	0.01	0.02
1.72	0.83	0.17	2.25	0.01	0.02	1.73	0.88	0.00	0.00	0.01	0.01
1.74	0.93	0.00	0.00	0.01	0.01	1.75	0.96	0.00	0.00	0.01	0.00
1.76	0.99	0.00	0.00	0.01	0.00	1.77	1.00	0.00	0.00	0.01	0.00
1.78	1.01	0.00	0.00	0.01	0.00	1.79	1.02	0.00	0.00	0.01	0.00
1.80	1.01	0.00	0.00	0.01	0.00	1.81	0.98	0.00	0.00	0.01	0.00
1.82	0.92	0.00	0.00	0.01	0.01	1.83	0.87	0.00	0.00	0.01	0.01
1.84	0.82	0.18	1.94	0.01	0.02	1.85	0.79	0.21	1.52	0.01	0.02
1.86	0.77	0.23	1.39	0.01	0.02	1.87	0.78	0.22	1.42	0.01	0.02
1.88	0.79	0.21	1.51	0.01	0.02	1.89	0.79	0.21	1.52	0.01	0.02
1.90	0.77	0.23	1.36	0.01	0.02	1.91	0.75	0.25	1.18	0.01	0.02
1.92	0.73	0.27	1.05	0.01	0.02	1.93	0.71	0.29	0.94	0.01	0.03
1.94	0.70	0.30	0.90	0.01	0.03	1.95	0.70	0.30	0.90	0.01	0.03
1.96	0.70	0.30	0.93	0.01	0.03	1.97	0.71	0.29	0.98	0.01	0.03
1.98	0.77	0.23	1.31	0.01	0.02	1.99	0.80	0.20	1.72	0.01	0.02
2.00	0.81	0.19	1.82	0.01	0.02	2.01	0.81	0.19	1.80	0.01	0.02
2.02	0.78	0.22	1.41	0.01	0.02	2.03	0.78	0.22	1.40	0.01	0.02
2.04	0.77	0.23	1.36	0.01	0.02	2.05	0.74	0.26	1.12	0.01	0.02
2.06	0.70	0.30	0.90	0.01	0.03	2.07	0.66	0.34	0.78	0.01	0.03
2.08	0.63	0.37	0.70	0.01	0.03	2.09	0.61	0.39	0.65	0.01	0.03
2.10	0.59	0.41	0.62	0.01	0.04	2.11	0.58	0.42	0.59	0.01	0.04
2.12	0.56	0.44	0.56	0.01	0.04	2.13	0.55	0.45	0.55	0.01	0.04
2.14	0.54	0.46	0.53	0.01	0.04	2.15	0.53	0.47	0.51	0.01	0.04
2.16	0.51	0.49	0.50	0.01	0.04	2.17	0.51	0.49	0.49	0.01	0.04
2.18	0.52	0.48	0.50	0.01	0.04	2.19	0.52	0.48	0.51	0.01	0.04
2.20	0.52	0.48	0.50	0.01	0.04	2.21	0.52	0.48	0.50	0.01	0.04
2.22	0.52	0.48	0.50	0.01	0.04	2.23	0.51	0.49	0.49	0.01	0.04
2.24	0.50	0.50	0.48	0.01	0.04	2.25	0.50	0.50	0.48	0.01	0.04
2.26	0.52	0.48	0.50	0.01	0.04	2.27	0.53	0.47	0.52	0.01	0.04
2.28	0.54	0.46	0.53	0.01	0.04	2.29	0.55	0.45	0.55	0.01	0.04
2.30	0.55	0.45	0.55	0.01	0.04	2.31	0.55	0.45	0.55	0.01	0.04
2.32	0.55	0.45	0.54	0.01	0.04	2.33	0.54	0.46	0.53	0.01	0.04
2.34	0.54	0.46	0.53	0.01	0.04	2.35	0.53	0.47	0.52	0.01	0.04
2.36	0.54	0.46	0.53	0.01	0.04	2.37	0.54	0.46	0.53	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.38	0.55	0.45	0.54	0.01	0.04	2.39	0.55	0.45	0.54	0.01	0.04
2.40	0.54	0.46	0.53	0.01	0.04	2.41	0.50	0.50	0.48	0.01	0.04
2.42	0.51	0.49	0.49	0.01	0.04	2.43	0.50	0.50	0.48	0.01	0.04
2.44	0.50	0.50	0.48	0.01	0.04	2.45	0.50	0.50	0.48	0.01	0.04
2.46	0.50	0.50	0.48	0.01	0.04	2.47	0.50	0.50	0.48	0.01	0.04
2.48	0.50	0.50	0.48	0.01	0.04	2.49	0.50	0.50	0.48	0.01	0.04
2.50	0.50	0.50	0.48	0.01	0.04	2.51	0.51	0.49	0.49	0.01	0.04
2.52	0.51	0.49	0.50	0.01	0.04	2.53	0.52	0.48	0.50	0.01	0.04
2.54	0.52	0.48	0.50	0.01	0.04	2.55	0.52	0.48	0.50	0.01	0.04
2.56	0.51	0.49	0.50	0.01	0.04	2.57	0.52	0.48	0.50	0.01	0.04
2.58	0.52	0.48	0.50	0.01	0.04	2.59	0.52	0.48	0.50	0.01	0.04
2.60	0.52	0.48	0.50	0.01	0.04	2.61	0.51	0.49	0.50	0.01	0.04
2.62	0.52	0.48	0.50	0.01	0.04	2.63	0.53	0.47	0.52	0.01	0.04
2.64	0.55	0.45	0.54	0.01	0.04	2.65	0.57	0.43	0.57	0.01	0.04
2.66	0.58	0.42	0.59	0.01	0.04	2.67	0.59	0.41	0.61	0.01	0.04
2.68	0.59	0.41	0.61	0.01	0.04	2.69	0.58	0.42	0.60	0.01	0.04
2.70	0.57	0.43	0.58	0.01	0.04	2.71	0.56	0.44	0.57	0.01	0.04
2.72	0.55	0.45	0.55	0.01	0.04	2.73	0.55	0.45	0.54	0.01	0.04
2.74	0.54	0.46	0.53	0.01	0.04	2.75	0.54	0.46	0.52	0.01	0.04
2.76	0.53	0.47	0.51	0.01	0.04	2.77	0.52	0.48	0.51	0.01	0.04
2.78	0.51	0.49	0.49	0.01	0.04	2.79	0.50	0.50	0.48	0.01	0.04
2.80	0.49	0.51	0.47	0.01	0.04	2.81	0.49	0.51	0.47	0.01	0.04
2.82	0.50	0.50	0.47	0.01	0.04	2.83	0.51	0.49	0.49	0.01	0.04
2.84	0.52	0.48	0.50	0.01	0.04	2.85	0.53	0.47	0.51	0.01	0.04
2.86	0.54	0.46	0.52	0.01	0.04	2.87	0.54	0.46	0.53	0.01	0.04
2.88	0.55	0.45	0.54	0.01	0.04	2.89	0.55	0.45	0.54	0.01	0.04
2.90	0.55	0.45	0.54	0.01	0.04	2.91	0.55	0.45	0.54	0.01	0.04
2.92	0.55	0.45	0.54	0.01	0.04	2.93	0.55	0.45	0.54	0.01	0.04
2.94	0.54	0.46	0.53	0.01	0.04	2.95	0.54	0.46	0.53	0.01	0.04
2.96	0.53	0.47	0.52	0.01	0.04	2.97	0.53	0.47	0.51	0.01	0.04
2.98	0.53	0.47	0.52	0.01	0.04	2.99	0.55	0.45	0.55	0.01	0.04
3.00	0.58	0.42	0.59	0.01	0.04	3.01	0.58	0.42	0.59	0.01	0.04
3.02	0.59	0.41	0.62	0.01	0.03	3.03	0.55	0.45	0.54	0.01	0.04
3.04	0.57	0.43	0.58	0.01	0.04	3.05	0.55	0.45	0.54	0.01	0.04
3.06	0.54	0.46	0.52	0.01	0.04	3.07	0.53	0.47	0.51	0.01	0.04
3.08	0.52	0.48	0.51	0.01	0.04	3.09	0.52	0.48	0.50	0.01	0.04
3.10	0.51	0.49	0.49	0.01	0.04	3.11	0.49	0.51	0.47	0.01	0.04
3.12	0.48	0.52	0.46	0.01	0.04	3.13	0.49	0.51	0.46	0.01	0.04
3.14	0.49	0.51	0.47	0.01	0.04	3.15	0.49	0.51	0.47	0.01	0.04
3.16	0.49	0.51	0.47	0.01	0.04	3.17	0.48	0.52	0.46	0.01	0.04
3.18	0.47	0.53	0.45	0.01	0.04	3.19	0.46	0.54	0.44	0.01	0.05
3.20	0.46	0.54	0.44	0.01	0.05	3.21	0.47	0.53	0.45	0.01	0.04
3.22	0.48	0.52	0.46	0.01	0.04	3.23	0.49	0.51	0.47	0.01	0.04
3.24	0.50	0.50	0.48	0.01	0.04	3.25	0.51	0.49	0.49	0.01	0.04
3.26	0.51	0.49	0.49	0.01	0.04	3.27	0.52	0.48	0.50	0.01	0.04
3.28	0.52	0.48	0.50	0.01	0.04	3.29	0.52	0.48	0.50	0.01	0.04
3.30	0.51	0.49	0.50	0.01	0.04	3.31	0.51	0.49	0.49	0.01	0.04
3.32	0.49	0.51	0.46	0.01	0.04	3.33	0.48	0.52	0.46	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.34	0.46	0.54	0.44	0.01	0.04	3.35	0.46	0.54	0.44	0.01	0.04
3.36	0.46	0.54	0.44	0.01	0.04	3.37	0.47	0.53	0.45	0.01	0.04
3.38	0.48	0.52	0.46	0.01	0.04	3.39	0.49	0.51	0.47	0.01	0.04
3.40	0.50	0.50	0.47	0.01	0.04	3.41	0.50	0.50	0.48	0.01	0.04
3.42	0.49	0.51	0.47	0.01	0.04	3.43	0.49	0.51	0.46	0.01	0.04
3.44	0.47	0.53	0.45	0.01	0.04	3.45	0.46	0.54	0.44	0.01	0.04
3.46	0.45	0.55	0.43	0.01	0.05	3.47	0.45	0.55	0.43	0.01	0.05
3.48	0.45	0.55	0.43	0.01	0.05	3.49	0.46	0.54	0.44	0.01	0.04
3.50	0.47	0.53	0.44	0.01	0.04	3.51	0.48	0.52	0.45	0.01	0.04
3.52	0.49	0.51	0.46	0.01	0.04	3.53	0.49	0.51	0.47	0.01	0.04
3.54	0.50	0.50	0.48	0.01	0.04	3.55	0.51	0.49	0.49	0.01	0.04
3.56	0.52	0.48	0.50	0.01	0.04	3.57	0.53	0.47	0.51	0.01	0.04
3.58	0.54	0.46	0.52	0.01	0.04	3.59	0.54	0.46	0.53	0.01	0.04
3.60	0.54	0.46	0.53	0.01	0.04	3.61	0.54	0.46	0.53	0.01	0.04
3.62	0.54	0.46	0.52	0.01	0.04	3.63	0.53	0.47	0.52	0.01	0.04
3.64	0.52	0.48	0.51	0.01	0.04	3.65	0.52	0.48	0.50	0.01	0.04
3.66	0.51	0.49	0.49	0.01	0.04	3.67	0.49	0.51	0.47	0.01	0.04
3.68	0.48	0.52	0.46	0.01	0.04	3.69	0.47	0.53	0.45	0.01	0.04
3.70	0.48	0.52	0.45	0.01	0.04	3.71	0.48	0.52	0.46	0.01	0.04
3.72	0.49	0.51	0.46	0.01	0.04	3.73	0.48	0.52	0.46	0.01	0.04
3.74	0.48	0.52	0.46	0.01	0.04	3.75	0.47	0.53	0.45	0.01	0.04
3.76	0.46	0.54	0.44	0.01	0.04	3.77	0.46	0.54	0.43	0.01	0.04
3.78	0.45	0.55	0.43	0.01	0.04	3.79	0.44	0.56	0.42	0.01	0.05
3.80	0.43	0.57	0.41	0.01	0.05	3.81	0.44	0.56	0.41	0.01	0.05
3.82	0.44	0.56	0.42	0.01	0.05	3.83	0.44	0.56	0.42	0.01	0.05
3.84	0.45	0.55	0.42	0.01	0.04	3.85	0.45	0.55	0.43	0.01	0.04
3.86	0.46	0.54	0.43	0.01	0.04	3.87	0.46	0.54	0.44	0.01	0.04
3.88	0.46	0.54	0.44	0.01	0.04	3.89	0.47	0.53	0.44	0.01	0.04
3.90	0.47	0.53	0.45	0.01	0.04	3.91	0.48	0.52	0.45	0.01	0.04
3.92	0.48	0.52	0.46	0.01	0.04	3.93	0.48	0.52	0.46	0.01	0.04
3.94	0.48	0.52	0.46	0.01	0.04	3.95	0.48	0.52	0.46	0.01	0.04
3.96	0.49	0.51	0.47	0.01	0.04	3.97	0.49	0.51	0.47	0.01	0.04
3.98	0.49	0.51	0.47	0.01	0.04	3.99	0.49	0.51	0.47	0.01	0.04
4.00	0.50	0.50	0.48	0.01	0.04	4.01	0.48	0.52	0.45	0.01	0.04
4.02	0.46	0.54	0.44	0.01	0.04	4.03	0.45	0.55	0.43	0.01	0.04
4.04	0.44	0.56	0.42	0.01	0.04	4.05	0.45	0.55	0.42	0.01	0.04
4.06	0.47	0.53	0.44	0.01	0.04	4.07	0.47	0.53	0.44	0.01	0.04
4.08	0.48	0.52	0.45	0.01	0.04	4.09	0.47	0.53	0.45	0.01	0.04
4.10	0.47	0.53	0.45	0.01	0.04	4.11	0.47	0.53	0.44	0.01	0.04
4.12	0.46	0.54	0.44	0.01	0.04	4.13	0.46	0.54	0.43	0.01	0.04
4.14	0.46	0.54	0.44	0.01	0.04	4.15	0.47	0.53	0.44	0.01	0.04
4.16	0.48	0.52	0.46	0.01	0.04	4.17	0.48	0.52	0.46	0.01	0.04
4.18	0.49	0.51	0.47	0.01	0.04	4.19	0.49	0.51	0.47	0.01	0.04
4.20	0.50	0.50	0.48	0.01	0.04	4.21	0.50	0.50	0.48	0.01	0.04
4.22	0.49	0.51	0.47	0.01	0.04	4.23	0.48	0.52	0.46	0.01	0.04
4.24	0.46	0.54	0.44	0.01	0.04	4.25	0.45	0.55	0.42	0.01	0.04
4.26	0.44	0.56	0.42	0.01	0.04	4.27	0.42	0.58	0.40	0.01	0.05
4.28	0.40	0.60	0.39	0.01	0.05	4.29	0.40	0.60	0.39	0.01	0.05

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.30	0.42	0.58	0.40	0.01	0.05	4.31	0.44	0.56	0.42	0.01	0.04
4.32	0.47	0.53	0.45	0.01	0.04	4.33	0.51	0.49	0.50	0.01	0.04
4.34	0.52	0.48	0.51	0.01	0.04	4.35	0.53	0.47	0.52	0.01	0.04
4.36	0.53	0.47	0.52	0.01	0.04	4.37	0.52	0.48	0.50	0.01	0.04
4.38	0.51	0.49	0.49	0.01	0.04	4.39	0.49	0.51	0.47	0.01	0.04
4.40	0.48	0.52	0.45	0.01	0.04	4.41	0.46	0.54	0.43	0.01	0.04
4.42	0.43	0.57	0.41	0.01	0.04	4.43	0.46	0.54	0.43	0.01	0.04
4.44	0.46	0.54	0.44	0.01	0.04	4.45	0.50	0.50	0.47	0.01	0.04
4.46	0.50	0.50	0.48	0.01	0.04	4.47	0.51	0.49	0.49	0.01	0.04
4.48	0.51	0.49	0.49	0.01	0.04	4.49	0.52	0.48	0.50	0.01	0.04
4.50	0.52	0.48	0.51	0.01	0.04	4.51	0.53	0.47	0.51	0.01	0.04
4.52	0.53	0.47	0.51	0.01	0.04	4.53	0.53	0.47	0.52	0.01	0.04
4.54	0.53	0.47	0.51	0.01	0.04	4.55	0.53	0.47	0.51	0.01	0.04
4.56	0.52	0.48	0.51	0.01	0.04	4.57	0.52	0.48	0.51	0.01	0.04
4.58	0.52	0.48	0.50	0.01	0.04	4.59	0.51	0.49	0.49	0.01	0.04
4.60	0.50	0.50	0.48	0.01	0.04	4.61	0.50	0.50	0.48	0.01	0.04
4.62	0.50	0.50	0.48	0.01	0.04	4.63	0.50	0.50	0.48	0.01	0.04
4.64	0.48	0.52	0.46	0.01	0.04	4.65	0.48	0.52	0.46	0.01	0.04
4.66	0.47	0.53	0.44	0.01	0.04	4.67	0.46	0.54	0.44	0.01	0.04
4.68	0.46	0.54	0.44	0.01	0.04	4.69	0.46	0.54	0.43	0.01	0.04
4.70	0.44	0.56	0.42	0.01	0.04	4.71	0.43	0.57	0.41	0.01	0.04
4.72	0.43	0.57	0.41	0.01	0.04	4.73	0.44	0.56	0.42	0.01	0.04
4.74	0.45	0.55	0.42	0.01	0.04	4.75	0.45	0.55	0.43	0.01	0.04
4.76	0.45	0.55	0.43	0.01	0.04	4.77	0.46	0.54	0.43	0.01	0.04
4.78	0.46	0.54	0.44	0.01	0.04	4.79	0.46	0.54	0.44	0.01	0.04
4.80	0.44	0.56	0.42	0.01	0.04	4.81	0.45	0.55	0.43	0.01	0.04
4.82	0.45	0.55	0.43	0.01	0.04	4.83	0.45	0.55	0.42	0.01	0.04
4.84	0.45	0.55	0.42	0.01	0.04	4.85	0.44	0.56	0.42	0.01	0.04
4.86	0.43	0.57	0.41	0.01	0.04	4.87	0.42	0.58	0.41	0.01	0.04
4.88	0.42	0.58	0.40	0.01	0.04	4.89	0.41	0.59	0.39	0.01	0.04
4.90	0.42	0.58	0.40	0.01	0.04	4.91	0.41	0.59	0.40	0.01	0.04
4.92	0.43	0.57	0.41	0.01	0.04	4.93	0.43	0.57	0.41	0.01	0.04
4.94	0.44	0.56	0.42	0.01	0.04	4.95	0.45	0.55	0.43	0.01	0.04
4.96	0.46	0.54	0.43	0.01	0.04	4.97	0.46	0.54	0.44	0.01	0.04
4.98	0.47	0.53	0.45	0.01	0.04	4.99	0.48	0.52	0.45	0.01	0.04
5.00	0.48	0.52	0.46	0.01	0.04	5.01	0.46	0.54	0.44	0.01	0.04
5.02	0.46	0.54	0.43	0.01	0.04	5.03	0.43	0.57	0.41	0.01	0.04
5.04	0.43	0.57	0.41	0.01	0.04	5.05	0.43	0.57	0.41	0.01	0.04
5.06	0.43	0.57	0.41	0.01	0.04	5.07	0.43	0.57	0.41	0.01	0.04
5.08	0.43	0.57	0.41	0.01	0.04	5.09	0.42	0.58	0.40	0.01	0.04
5.10	0.42	0.58	0.40	0.01	0.04	5.11	0.42	0.58	0.40	0.01	0.04
5.12	0.43	0.57	0.41	0.01	0.04	5.13	0.44	0.56	0.42	0.01	0.04
5.14	0.46	0.54	0.44	0.01	0.04	5.15	0.47	0.53	0.44	0.01	0.04
5.16	0.47	0.53	0.45	0.01	0.04	5.17	0.47	0.53	0.44	0.01	0.04
5.18	0.47	0.53	0.44	0.01	0.04	5.19	0.47	0.53	0.44	0.01	0.04
5.20	0.46	0.54	0.44	0.01	0.04	5.21	0.46	0.54	0.44	0.01	0.04
5.22	0.45	0.55	0.43	0.01	0.04	5.23	0.45	0.55	0.43	0.01	0.04
5.24	0.44	0.56	0.42	0.01	0.04	5.25	0.44	0.56	0.42	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.26	0.43	0.57	0.41	0.01	0.04	5.27	0.43	0.57	0.41	0.01	0.04
5.28	0.42	0.58	0.40	0.01	0.04	5.29	0.41	0.59	0.39	0.01	0.04
5.30	0.41	0.59	0.39	0.01	0.04	5.31	0.41	0.59	0.39	0.01	0.04
5.32	0.40	0.60	0.39	0.01	0.04	5.33	0.40	0.60	0.39	0.01	0.04
5.34	0.40	0.60	0.39	0.01	0.04	5.35	0.40	0.60	0.39	0.01	0.04
5.36	0.40	0.60	0.39	0.01	0.04	5.37	0.40	0.60	0.39	0.01	0.04
5.38	0.40	0.60	0.38	0.01	0.04	5.39	0.40	0.60	0.38	0.01	0.04
5.40	0.40	0.60	0.39	0.01	0.04	5.41	0.41	0.59	0.39	0.01	0.04
5.42	0.40	0.60	0.38	0.01	0.04	5.43	0.41	0.59	0.39	0.01	0.04
5.44	0.41	0.59	0.39	0.01	0.04	5.45	0.42	0.58	0.40	0.01	0.04
5.46	0.42	0.58	0.40	0.01	0.04	5.47	0.43	0.57	0.41	0.01	0.04
5.48	0.45	0.55	0.42	0.01	0.04	5.49	0.44	0.56	0.42	0.01	0.04
5.50	0.45	0.55	0.43	0.01	0.04	5.51	0.43	0.57	0.41	0.01	0.04
5.52	0.44	0.56	0.42	0.01	0.04	5.53	0.44	0.56	0.42	0.01	0.04
5.54	0.44	0.56	0.42	0.01	0.04	5.55	0.44	0.56	0.42	0.01	0.04
5.56	0.44	0.56	0.42	0.01	0.04	5.57	0.46	0.54	0.43	0.01	0.04
5.58	0.46	0.54	0.44	0.01	0.04	5.59	0.48	0.52	0.46	0.01	0.04
5.60	0.49	0.51	0.47	0.01	0.04	5.61	0.51	0.49	0.50	0.01	0.03
5.62	0.50	0.50	0.48	0.01	0.04	5.63	0.51	0.49	0.49	0.01	0.04
5.64	0.51	0.49	0.49	0.01	0.04	5.65	0.51	0.49	0.49	0.01	0.04
5.66	0.51	0.49	0.49	0.01	0.04	5.67	0.51	0.49	0.49	0.01	0.04
5.68	0.51	0.49	0.49	0.01	0.04	5.69	0.50	0.50	0.48	0.01	0.04
5.70	0.49	0.51	0.47	0.01	0.04	5.71	0.48	0.52	0.46	0.01	0.04
5.72	0.47	0.53	0.45	0.01	0.04	5.73	0.46	0.54	0.44	0.01	0.04
5.74	0.46	0.54	0.43	0.01	0.04	5.75	0.45	0.55	0.43	0.01	0.04
5.76	0.45	0.55	0.42	0.01	0.04	5.77	0.44	0.56	0.42	0.01	0.04
5.78	0.43	0.57	0.41	0.01	0.04	5.79	0.43	0.57	0.41	0.01	0.04
5.80	0.42	0.58	0.40	0.01	0.04	5.81	0.43	0.57	0.41	0.01	0.04
5.82	0.42	0.58	0.40	0.01	0.04	5.83	0.42	0.58	0.40	0.01	0.04
5.84	0.41	0.59	0.39	0.01	0.04	5.85	0.41	0.59	0.39	0.01	0.04
5.86	0.41	0.59	0.40	0.01	0.04	5.87	0.41	0.59	0.40	0.01	0.04
5.88	2.00	0.00	0.00	0.01	0.00	5.89	0.42	0.58	0.40	0.01	0.04
5.90	0.45	0.55	0.43	0.01	0.04	5.91	0.45	0.55	0.43	0.01	0.04
5.92	0.47	0.53	0.44	0.01	0.04	5.93	0.47	0.53	0.45	0.01	0.04
5.94	0.48	0.52	0.45	0.01	0.04	5.95	0.47	0.53	0.44	0.01	0.04
5.96	2.00	0.00	0.00	0.01	0.00	5.97	2.00	0.00	0.00	0.01	0.00
5.98	2.00	0.00	0.00	0.01	0.00	5.99	2.00	0.00	0.00	0.01	0.00
6.00	0.45	0.55	0.42	0.01	0.04	6.01	0.47	0.53	0.45	0.01	0.04
6.02	0.50	0.50	0.48	0.01	0.04	6.03	0.51	0.49	0.49	0.01	0.03
6.04	0.49	0.51	0.46	0.01	0.04	6.05	0.51	0.49	0.49	0.01	0.03
6.06	0.50	0.50	0.48	0.01	0.03	6.07	0.49	0.51	0.47	0.01	0.04
6.08	0.48	0.52	0.46	0.01	0.04	6.09	0.47	0.53	0.45	0.01	0.04
6.10	0.45	0.55	0.43	0.01	0.04	6.11	0.44	0.56	0.41	0.01	0.04
6.12	0.42	0.58	0.40	0.01	0.04	6.13	0.42	0.58	0.40	0.01	0.04
6.14	0.42	0.58	0.40	0.01	0.04	6.15	0.42	0.58	0.40	0.01	0.04
6.16	0.41	0.59	0.39	0.01	0.04	6.17	0.40	0.60	0.39	0.01	0.04
6.18	0.41	0.59	0.39	0.01	0.04	6.19	0.42	0.58	0.40	0.01	0.04
6.20	0.42	0.58	0.40	0.01	0.04	6.21	0.42	0.58	0.40	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.22	0.42	0.58	0.40	0.01	0.04	6.23	0.42	0.58	0.40	0.01	0.04
6.24	0.41	0.59	0.39	0.01	0.04	6.25	0.41	0.59	0.39	0.01	0.04
6.26	0.41	0.59	0.39	0.01	0.04	6.27	0.41	0.59	0.39	0.01	0.04
6.28	0.40	0.60	0.38	0.01	0.04	6.29	0.40	0.60	0.39	0.01	0.04
6.30	0.40	0.60	0.39	0.01	0.04	6.31	0.41	0.59	0.39	0.01	0.04
6.32	0.41	0.59	0.40	0.01	0.04	6.33	0.42	0.58	0.40	0.01	0.04
6.34	0.43	0.57	0.41	0.01	0.04	6.35	0.44	0.56	0.41	0.01	0.04
6.36	0.45	0.55	0.43	0.01	0.04	6.37	0.47	0.53	0.44	0.01	0.04
6.38	0.48	0.52	0.46	0.01	0.04	6.39	0.49	0.51	0.47	0.01	0.03
6.40	0.49	0.51	0.47	0.01	0.03	6.41	0.49	0.51	0.47	0.01	0.03
6.42	0.49	0.51	0.47	0.01	0.03	6.43	0.49	0.51	0.47	0.01	0.03
6.44	0.49	0.51	0.47	0.01	0.03	6.45	0.50	0.50	0.48	0.01	0.03
6.46	0.49	0.51	0.47	0.01	0.03	6.47	0.49	0.51	0.46	0.01	0.03
6.48	0.47	0.53	0.45	0.01	0.04	6.49	0.47	0.53	0.45	0.01	0.04
6.50	0.47	0.53	0.44	0.01	0.04	6.51	0.46	0.54	0.43	0.01	0.04
6.52	0.45	0.55	0.43	0.01	0.04	6.53	0.44	0.56	0.42	0.01	0.04
6.54	0.43	0.57	0.41	0.01	0.04	6.55	0.43	0.57	0.41	0.01	0.04
6.56	0.42	0.58	0.40	0.01	0.04	6.57	0.43	0.57	0.41	0.01	0.04
6.58	0.43	0.57	0.41	0.01	0.04	6.59	0.44	0.56	0.42	0.01	0.04
6.60	0.45	0.55	0.42	0.01	0.04	6.61	0.45	0.55	0.43	0.01	0.04
6.62	0.46	0.54	0.44	0.01	0.04	6.63	0.47	0.53	0.44	0.01	0.04
6.64	0.47	0.53	0.45	0.01	0.04	6.65	0.47	0.53	0.45	0.01	0.04
6.66	0.47	0.53	0.44	0.01	0.04	6.67	0.46	0.54	0.44	0.01	0.04
6.68	0.45	0.55	0.43	0.01	0.04	6.69	0.44	0.56	0.42	0.01	0.04
6.70	0.43	0.57	0.41	0.01	0.04	6.71	0.43	0.57	0.41	0.01	0.04
6.72	0.43	0.57	0.41	0.01	0.04	6.73	0.43	0.57	0.41	0.01	0.04
6.74	0.44	0.56	0.42	0.01	0.04	6.75	0.44	0.56	0.42	0.01	0.04
6.76	0.45	0.55	0.42	0.01	0.04	6.77	0.45	0.55	0.42	0.01	0.04
6.78	0.44	0.56	0.42	0.01	0.04	6.79	0.44	0.56	0.42	0.01	0.04
6.80	0.43	0.57	0.41	0.01	0.04	6.81	0.42	0.58	0.40	0.01	0.04
6.82	0.42	0.58	0.40	0.01	0.04	6.83	0.41	0.59	0.40	0.01	0.04
6.84	0.42	0.58	0.40	0.01	0.04	6.85	0.42	0.58	0.40	0.01	0.04
6.86	0.43	0.57	0.41	0.01	0.04	6.87	0.43	0.57	0.41	0.01	0.04
6.88	0.43	0.57	0.41	0.01	0.04	6.89	0.43	0.57	0.41	0.01	0.04
6.90	0.42	0.58	0.40	0.01	0.04	6.91	0.41	0.59	0.40	0.01	0.04
6.92	0.41	0.59	0.39	0.01	0.04	6.93	0.40	0.60	0.39	0.01	0.04
6.94	0.41	0.59	0.39	0.01	0.04	6.95	0.41	0.59	0.39	0.01	0.04
6.96	0.41	0.59	0.39	0.01	0.04	6.97	0.41	0.59	0.39	0.01	0.04
6.98	0.41	0.59	0.39	0.01	0.04	6.99	0.40	0.60	0.39	0.01	0.04
7.00	2.00	0.00	0.00	0.01	0.00	7.01	2.00	0.00	0.00	0.01	0.00
7.02	2.00	0.00	0.00	0.01	0.00	7.03	2.00	0.00	0.00	0.01	0.00
7.04	2.00	0.00	0.00	0.01	0.00	7.05	2.00	0.00	0.00	0.01	0.00
7.06	2.00	0.00	0.00	0.01	0.00	7.07	2.00	0.00	0.00	0.01	0.00
7.08	2.00	0.00	0.00	0.01	0.00	7.09	2.00	0.00	0.00	0.01	0.00
7.10	2.00	0.00	0.00	0.01	0.00	7.11	2.00	0.00	0.00	0.01	0.00
7.12	2.00	0.00	0.00	0.01	0.00	7.13	2.00	0.00	0.00	0.01	0.00
7.14	2.00	0.00	0.00	0.01	0.00	7.15	2.00	0.00	0.00	0.01	0.00
7.16	2.00	0.00	0.00	0.01	0.00	7.17	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.18	2.00	0.00	0.00	0.01	0.00	7.19	2.00	0.00	0.00	0.01	0.00
7.20	2.00	0.00	0.00	0.01	0.00	7.21	2.00	0.00	0.00	0.01	0.00
7.22	2.00	0.00	0.00	0.01	0.00	7.23	0.41	0.59	0.39	0.01	0.04
7.24	0.43	0.57	0.41	0.01	0.04	7.25	0.45	0.55	0.42	0.01	0.04
7.26	0.46	0.54	0.44	0.01	0.03	7.27	0.50	0.50	0.48	0.01	0.03
7.28	0.50	0.50	0.47	0.01	0.03	7.29	0.50	0.50	0.48	0.01	0.03
7.30	0.50	0.50	0.47	0.01	0.03	7.31	0.50	0.50	0.48	0.01	0.03
7.32	0.50	0.50	0.48	0.01	0.03	7.33	0.49	0.51	0.47	0.01	0.03
7.34	0.49	0.51	0.47	0.01	0.03	7.35	0.49	0.51	0.47	0.01	0.03
7.36	0.49	0.51	0.47	0.01	0.03	7.37	0.48	0.52	0.46	0.01	0.03
7.38	0.48	0.52	0.46	0.01	0.03	7.39	0.48	0.52	0.45	0.01	0.03
7.40	0.47	0.53	0.45	0.01	0.03	7.41	0.46	0.54	0.44	0.01	0.03
7.42	0.46	0.54	0.43	0.01	0.03	7.43	0.45	0.55	0.42	0.01	0.03
7.44	0.45	0.55	0.42	0.01	0.03	7.45	0.43	0.57	0.41	0.01	0.04
7.46	0.43	0.57	0.41	0.01	0.04	7.47	0.42	0.58	0.40	0.01	0.04
7.48	0.42	0.58	0.40	0.01	0.04	7.49	0.42	0.58	0.40	0.01	0.04
7.50	0.42	0.58	0.40	0.01	0.04	7.51	0.42	0.58	0.40	0.01	0.04
7.52	0.42	0.58	0.40	0.01	0.04	7.53	0.43	0.57	0.41	0.01	0.04
7.54	0.43	0.57	0.41	0.01	0.04	7.55	0.43	0.57	0.41	0.01	0.04
7.56	0.44	0.56	0.41	0.01	0.04	7.57	0.44	0.56	0.42	0.01	0.03
7.58	0.44	0.56	0.42	0.01	0.03	7.59	0.45	0.55	0.42	0.01	0.03
7.60	0.44	0.56	0.42	0.01	0.03	7.61	0.46	0.54	0.43	0.01	0.03
7.62	0.46	0.54	0.44	0.01	0.03	7.63	0.48	0.52	0.46	0.01	0.03
7.64	0.48	0.52	0.46	0.01	0.03	7.65	0.49	0.51	0.46	0.01	0.03
7.66	0.49	0.51	0.46	0.01	0.03	7.67	0.49	0.51	0.46	0.01	0.03
7.68	0.48	0.52	0.46	0.01	0.03	7.69	0.48	0.52	0.45	0.01	0.03
7.70	0.47	0.53	0.45	0.01	0.03	7.71	0.47	0.53	0.45	0.01	0.03
7.72	0.47	0.53	0.44	0.01	0.03	7.73	0.47	0.53	0.45	0.01	0.03
7.74	0.47	0.53	0.45	0.01	0.03	7.75	0.48	0.52	0.45	0.01	0.03
7.76	0.48	0.52	0.46	0.01	0.03	7.77	0.48	0.52	0.46	0.01	0.03
7.78	0.48	0.52	0.46	0.01	0.03	7.79	0.48	0.52	0.46	0.01	0.03
7.80	0.48	0.52	0.46	0.01	0.03	7.81	0.48	0.52	0.45	0.01	0.03
7.82	0.48	0.52	0.45	0.01	0.03	7.83	0.47	0.53	0.45	0.01	0.03
7.84	0.47	0.53	0.45	0.01	0.03	7.85	0.47	0.53	0.44	0.01	0.03
7.86	0.46	0.54	0.44	0.01	0.03	7.87	0.46	0.54	0.43	0.01	0.03
7.88	0.45	0.55	0.43	0.01	0.03	7.89	0.45	0.55	0.42	0.01	0.03
7.90	0.45	0.55	0.43	0.01	0.03	7.91	0.44	0.56	0.42	0.01	0.03
7.92	0.45	0.55	0.43	0.01	0.03	7.93	0.45	0.55	0.43	0.01	0.03
7.94	0.45	0.55	0.43	0.01	0.03	7.95	0.45	0.55	0.43	0.01	0.03
7.96	0.45	0.55	0.43	0.01	0.03	7.97	0.45	0.55	0.43	0.01	0.03
7.98	0.45	0.55	0.43	0.01	0.03	7.99	0.45	0.55	0.43	0.01	0.03
8.00	0.45	0.55	0.42	0.01	0.03	8.01	0.46	0.54	0.43	0.01	0.03
8.02	0.45	0.55	0.43	0.01	0.03	8.03	0.42	0.58	0.40	0.01	0.03
8.04	0.42	0.58	0.40	0.01	0.03	8.05	0.42	0.58	0.40	0.01	0.03
8.06	0.42	0.58	0.40	0.01	0.03	8.07	0.43	0.57	0.41	0.01	0.03
8.08	0.44	0.56	0.41	0.01	0.03	8.09	0.44	0.56	0.42	0.01	0.03
8.10	0.44	0.56	0.42	0.01	0.03	8.11	0.45	0.55	0.43	0.01	0.03
8.12	0.45	0.55	0.42	0.01	0.03	8.13	0.45	0.55	0.43	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.14	0.45	0.55	0.43	0.01	0.03	8.15	0.45	0.55	0.42	0.01	0.03
8.16	0.45	0.55	0.42	0.01	0.03	8.17	0.45	0.55	0.43	0.01	0.03
8.18	0.45	0.55	0.43	0.01	0.03	8.19	0.45	0.55	0.43	0.01	0.03
8.20	0.45	0.55	0.43	0.01	0.03	8.21	0.45	0.55	0.43	0.01	0.03
8.22	0.45	0.55	0.43	0.01	0.03	8.23	0.45	0.55	0.43	0.01	0.03
8.24	0.45	0.55	0.43	0.01	0.03	8.25	0.45	0.55	0.43	0.01	0.03
8.26	0.45	0.55	0.43	0.01	0.03	8.27	0.45	0.55	0.42	0.01	0.03
8.28	0.45	0.55	0.43	0.01	0.03	8.29	0.45	0.55	0.42	0.01	0.03
8.30	0.45	0.55	0.43	0.01	0.03	8.31	0.45	0.55	0.43	0.01	0.03
8.32	0.45	0.55	0.43	0.01	0.03	8.33	0.46	0.54	0.43	0.01	0.03
8.34	0.47	0.53	0.45	0.01	0.03	8.35	0.48	0.52	0.46	0.01	0.03
8.36	0.51	0.49	0.50	0.01	0.03	8.37	0.51	0.49	0.49	0.01	0.03
8.38	0.52	0.48	0.50	0.01	0.03	8.39	0.53	0.47	0.51	0.01	0.03
8.40	0.53	0.47	0.52	0.01	0.03	8.41	0.52	0.48	0.50	0.01	0.03
8.42	0.52	0.48	0.51	0.01	0.03	8.43	0.47	0.53	0.45	0.01	0.03
8.44	0.46	0.54	0.44	0.01	0.03	8.45	0.43	0.57	0.41	0.01	0.03
8.46	0.43	0.57	0.41	0.01	0.03	8.47	0.45	0.55	0.42	0.01	0.03
8.48	0.46	0.54	0.43	0.01	0.03	8.49	0.47	0.53	0.45	0.01	0.03
8.50	0.49	0.51	0.47	0.01	0.03	8.51	0.50	0.50	0.48	0.01	0.03
8.52	0.51	0.49	0.50	0.01	0.03	8.53	0.51	0.49	0.49	0.01	0.03
8.54	0.52	0.48	0.51	0.01	0.03	8.55	0.53	0.47	0.52	0.01	0.03
8.56	0.54	0.46	0.53	0.01	0.03	8.57	0.55	0.45	0.54	0.01	0.03
8.58	0.56	0.44	0.55	0.01	0.03	8.59	0.56	0.44	0.56	0.01	0.03
8.60	0.55	0.45	0.54	0.01	0.03	8.61	0.55	0.45	0.54	0.01	0.03
8.62	0.54	0.46	0.52	0.01	0.03	8.63	0.52	0.48	0.50	0.01	0.03
8.64	0.50	0.50	0.48	0.01	0.03	8.65	0.48	0.52	0.46	0.01	0.03
8.66	0.47	0.53	0.45	0.01	0.03	8.67	0.49	0.51	0.46	0.01	0.03
8.68	0.57	0.43	0.57	0.01	0.02	8.69	0.50	0.50	0.48	0.01	0.03
8.70	0.54	0.46	0.53	0.01	0.03	8.71	0.50	0.50	0.48	0.01	0.03
8.72	0.49	0.51	0.46	0.01	0.03	8.73	0.47	0.53	0.44	0.01	0.03
8.74	2.00	0.00	0.00	0.01	0.00	8.75	2.00	0.00	0.00	0.01	0.00
8.76	2.00	0.00	0.00	0.01	0.00	8.77	2.00	0.00	0.00	0.01	0.00
8.78	2.00	0.00	0.00	0.01	0.00	8.79	2.00	0.00	0.00	0.01	0.00
8.80	2.00	0.00	0.00	0.01	0.00	8.81	2.00	0.00	0.00	0.01	0.00
8.82	2.00	0.00	0.00	0.01	0.00	8.83	2.00	0.00	0.00	0.01	0.00
8.84	2.00	0.00	0.00	0.01	0.00	8.85	2.00	0.00	0.00	0.01	0.00
8.86	2.00	0.00	0.00	0.01	0.00	8.87	2.00	0.00	0.00	0.01	0.00
8.88	2.00	0.00	0.00	0.01	0.00	8.89	2.00	0.00	0.00	0.01	0.00
8.90	2.00	0.00	0.00	0.01	0.00	8.91	2.00	0.00	0.00	0.01	0.00
8.92	2.00	0.00	0.00	0.01	0.00	8.93	2.00	0.00	0.00	0.01	0.00
8.94	2.00	0.00	0.00	0.01	0.00	8.95	2.00	0.00	0.00	0.01	0.00
8.96	2.00	0.00	0.00	0.01	0.00	8.97	2.00	0.00	0.00	0.01	0.00
8.98	2.00	0.00	0.00	0.01	0.00	8.99	2.00	0.00	0.00	0.01	0.00
9.00	2.00	0.00	0.00	0.01	0.00	9.01	2.00	0.00	0.00	0.01	0.00
9.02	2.00	0.00	0.00	0.01	0.00	9.03	2.00	0.00	0.00	0.01	0.00
9.04	2.00	0.00	0.00	0.01	0.00	9.05	2.00	0.00	0.00	0.01	0.00
9.06	2.00	0.00	0.00	0.01	0.00	9.07	2.00	0.00	0.00	0.01	0.00
9.08	2.00	0.00	0.00	0.01	0.00	9.09	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.10	2.00	0.00	0.00	0.01	0.00	9.11	2.00	0.00	0.00	0.01	0.00
9.12	2.00	0.00	0.00	0.01	0.00	9.13	2.00	0.00	0.00	0.01	0.00
9.14	2.00	0.00	0.00	0.01	0.00	9.15	2.00	0.00	0.00	0.01	0.00
9.16	2.00	0.00	0.00	0.01	0.00	9.17	2.00	0.00	0.00	0.01	0.00
9.18	2.00	0.00	0.00	0.01	0.00	9.19	2.00	0.00	0.00	0.01	0.00
9.20	2.00	0.00	0.00	0.01	0.00	9.21	2.00	0.00	0.00	0.01	0.00
9.22	2.00	0.00	0.00	0.01	0.00	9.23	2.00	0.00	0.00	0.01	0.00
9.24	2.00	0.00	0.00	0.01	0.00	9.25	2.00	0.00	0.00	0.01	0.00
9.26	2.00	0.00	0.00	0.01	0.00	9.27	2.00	0.00	0.00	0.01	0.00
9.28	2.00	0.00	0.00	0.01	0.00	9.29	2.00	0.00	0.00	0.01	0.00
9.30	2.00	0.00	0.00	0.01	0.00	9.31	2.00	0.00	0.00	0.01	0.00
9.32	2.00	0.00	0.00	0.01	0.00	9.33	2.00	0.00	0.00	0.01	0.00
9.34	2.00	0.00	0.00	0.01	0.00	9.35	2.00	0.00	0.00	0.01	0.00
9.36	2.00	0.00	0.00	0.01	0.00	9.37	2.00	0.00	0.00	0.01	0.00
9.38	2.00	0.00	0.00	0.01	0.00	9.39	2.00	0.00	0.00	0.01	0.00
9.40	2.00	0.00	0.00	0.01	0.00	9.41	2.00	0.00	0.00	0.01	0.00
9.42	2.00	0.00	0.00	0.01	0.00	9.43	2.00	0.00	0.00	0.01	0.00
9.44	2.00	0.00	0.00	0.01	0.00	9.45	2.00	0.00	0.00	0.01	0.00
9.46	2.00	0.00	0.00	0.01	0.00	9.47	2.00	0.00	0.00	0.01	0.00
9.48	2.00	0.00	0.00	0.01	0.00	9.49	2.00	0.00	0.00	0.01	0.00
9.50	2.00	0.00	0.00	0.01	0.00	9.51	2.00	0.00	0.00	0.01	0.00
9.52	2.00	0.00	0.00	0.01	0.00	9.53	2.00	0.00	0.00	0.01	0.00
9.54	2.00	0.00	0.00	0.01	0.00	9.55	2.00	0.00	0.00	0.01	0.00
9.56	2.00	0.00	0.00	0.01	0.00	9.57	2.00	0.00	0.00	0.01	0.00
9.58	2.00	0.00	0.00	0.01	0.00	9.59	2.00	0.00	0.00	0.01	0.00
9.60	2.00	0.00	0.00	0.01	0.00	9.61	2.00	0.00	0.00	0.01	0.00
9.62	2.00	0.00	0.00	0.01	0.00	9.63	2.00	0.00	0.00	0.01	0.00
9.64	2.00	0.00	0.00	0.01	0.00	9.65	2.00	0.00	0.00	0.01	0.00
9.66	2.00	0.00	0.00	0.01	0.00	9.67	2.00	0.00	0.00	0.01	0.00
9.68	2.00	0.00	0.00	0.01	0.00	9.69	2.00	0.00	0.00	0.01	0.00
9.70	2.00	0.00	0.00	0.01	0.00	9.71	2.00	0.00	0.00	0.01	0.00
9.72	2.00	0.00	0.00	0.01	0.00	9.73	2.00	0.00	0.00	0.01	0.00
9.74	2.00	0.00	0.00	0.01	0.00	9.75	2.00	0.00	0.00	0.01	0.00
9.76	2.00	0.00	0.00	0.01	0.00	9.77	2.00	0.00	0.00	0.01	0.00
9.78	2.00	0.00	0.00	0.01	0.00	9.79	2.00	0.00	0.00	0.01	0.00
9.80	2.00	0.00	0.00	0.01	0.00	9.81	2.00	0.00	0.00	0.01	0.00
9.82	2.00	0.00	0.00	0.01	0.00	9.83	2.00	0.00	0.00	0.01	0.00
9.84	2.00	0.00	0.00	0.01	0.00	9.85	2.00	0.00	0.00	0.01	0.00
9.86	2.00	0.00	0.00	0.01	0.00	9.87	2.00	0.00	0.00	0.01	0.00
9.88	2.00	0.00	0.00	0.01	0.00	9.89	2.00	0.00	0.00	0.01	0.00
9.90	2.00	0.00	0.00	0.01	0.00	9.91	2.00	0.00	0.00	0.01	0.00
9.92	2.00	0.00	0.00	0.01	0.00	9.93	2.00	0.00	0.00	0.01	0.00
9.94	2.00	0.00	0.00	0.01	0.00	9.95	2.00	0.00	0.00	0.01	0.00
9.96	2.00	0.00	0.00	0.01	0.00	9.97	2.00	0.00	0.00	0.01	0.00
9.98	2.00	0.00	0.00	0.01	0.00	9.99	2.00	0.00	0.00	0.01	0.00
10.00	2.00	0.00	0.00	0.01	0.00	10.01	2.00	0.00	0.00	0.01	0.00
10.02	2.00	0.00	0.00	0.01	0.00	10.03	2.00	0.00	0.00	0.01	0.00
10.04	2.00	0.00	0.00	0.01	0.00	10.05	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.06	2.00	0.00	0.00	0.01	0.00	10.07	2.00	0.00	0.00	0.01	0.00
10.08	2.00	0.00	0.00	0.01	0.00	10.09	2.00	0.00	0.00	0.01	0.00
10.10	2.00	0.00	0.00	0.01	0.00	10.11	2.00	0.00	0.00	0.01	0.00
10.12	2.00	0.00	0.00	0.01	0.00	10.13	2.00	0.00	0.00	0.01	0.00
10.14	2.00	0.00	0.00	0.01	0.00	10.15	2.00	0.00	0.00	0.01	0.00
10.16	2.00	0.00	0.00	0.01	0.00	10.17	2.00	0.00	0.00	0.01	0.00
10.18	2.00	0.00	0.00	0.01	0.00	10.19	2.00	0.00	0.00	0.01	0.00
10.20	2.00	0.00	0.00	0.01	0.00	10.21	2.00	0.00	0.00	0.01	0.00
10.22	2.00	0.00	0.00	0.01	0.00	10.23	2.00	0.00	0.00	0.01	0.00
10.24	2.00	0.00	0.00	0.01	0.00	10.25	2.00	0.00	0.00	0.01	0.00
10.26	2.00	0.00	0.00	0.01	0.00	10.27	2.00	0.00	0.00	0.01	0.00
10.28	2.00	0.00	0.00	0.01	0.00	10.29	2.00	0.00	0.00	0.01	0.00
10.30	2.00	0.00	0.00	0.01	0.00	10.31	2.00	0.00	0.00	0.01	0.00
10.32	2.00	0.00	0.00	0.01	0.00	10.33	2.00	0.00	0.00	0.01	0.00
10.34	2.00	0.00	0.00	0.01	0.00	10.35	2.00	0.00	0.00	0.01	0.00
10.36	2.00	0.00	0.00	0.01	0.00	10.37	2.00	0.00	0.00	0.01	0.00
10.38	2.00	0.00	0.00	0.01	0.00	10.39	2.00	0.00	0.00	0.01	0.00
10.40	2.00	0.00	0.00	0.01	0.00	10.41	2.00	0.00	0.00	0.01	0.00
10.42	2.00	0.00	0.00	0.01	0.00	10.43	2.00	0.00	0.00	0.01	0.00
10.44	2.00	0.00	0.00	0.01	0.00	10.45	2.00	0.00	0.00	0.01	0.00
10.46	2.00	0.00	0.00	0.01	0.00	10.47	2.00	0.00	0.00	0.01	0.00
10.48	2.00	0.00	0.00	0.01	0.00	10.49	2.00	0.00	0.00	0.01	0.00
10.50	2.00	0.00	0.00	0.01	0.00	10.51	2.00	0.00	0.00	0.01	0.00
10.52	2.00	0.00	0.00	0.01	0.00	10.53	2.00	0.00	0.00	0.01	0.00
10.54	2.00	0.00	0.00	0.01	0.00	10.55	2.00	0.00	0.00	0.01	0.00
10.56	2.00	0.00	0.00	0.01	0.00	10.57	2.00	0.00	0.00	0.01	0.00
10.58	2.00	0.00	0.00	0.01	0.00	10.59	2.00	0.00	0.00	0.01	0.00
10.60	2.00	0.00	0.00	0.01	0.00	10.61	2.00	0.00	0.00	0.01	0.00
10.62	2.00	0.00	0.00	0.01	0.00	10.63	2.00	0.00	0.00	0.01	0.00
10.64	2.00	0.00	0.00	0.01	0.00	10.65	2.00	0.00	0.00	0.01	0.00
10.66	2.00	0.00	0.00	0.01	0.00	10.67	2.00	0.00	0.00	0.01	0.00
10.68	2.00	0.00	0.00	0.01	0.00	10.69	2.00	0.00	0.00	0.01	0.00
10.70	2.00	0.00	0.00	0.01	0.00	10.71	2.00	0.00	0.00	0.01	0.00
10.72	2.00	0.00	0.00	0.01	0.00	10.73	2.00	0.00	0.00	0.01	0.00
10.74	2.00	0.00	0.00	0.01	0.00	10.75	2.00	0.00	0.00	0.01	0.00
10.76	2.00	0.00	0.00	0.01	0.00	10.77	2.00	0.00	0.00	0.01	0.00
10.78	2.00	0.00	0.00	0.01	0.00	10.79	2.00	0.00	0.00	0.01	0.00
10.80	2.00	0.00	0.00	0.01	0.00	10.81	2.00	0.00	0.00	0.01	0.00
10.82	2.00	0.00	0.00	0.01	0.00	10.83	2.00	0.00	0.00	0.01	0.00
10.84	2.00	0.00	0.00	0.01	0.00	10.85	2.00	0.00	0.00	0.01	0.00
10.86	2.00	0.00	0.00	0.01	0.00	10.87	2.00	0.00	0.00	0.01	0.00
10.88	2.00	0.00	0.00	0.01	0.00	10.89	2.00	0.00	0.00	0.01	0.00
10.90	2.00	0.00	0.00	0.01	0.00	10.91	2.00	0.00	0.00	0.01	0.00
10.92	2.00	0.00	0.00	0.01	0.00	10.93	2.00	0.00	0.00	0.01	0.00
10.94	2.00	0.00	0.00	0.01	0.00	10.95	2.00	0.00	0.00	0.01	0.00
10.96	2.00	0.00	0.00	0.01	0.00	10.97	2.00	0.00	0.00	0.01	0.00
10.98	2.00	0.00	0.00	0.01	0.00	10.99	2.00	0.00	0.00	0.01	0.00
11.00	2.00	0.00	0.00	0.01	0.00	11.01	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.02	2.00	0.00	0.00	0.01	0.00	11.03	2.00	0.00	0.00	0.01	0.00
11.04	2.00	0.00	0.00	0.01	0.00	11.05	2.00	0.00	0.00	0.01	0.00
11.06	2.00	0.00	0.00	0.01	0.00	11.07	2.00	0.00	0.00	0.01	0.00
11.08	2.00	0.00	0.00	0.01	0.00	11.09	2.00	0.00	0.00	0.01	0.00
11.10	2.00	0.00	0.00	0.01	0.00	11.11	2.00	0.00	0.00	0.01	0.00
11.12	2.00	0.00	0.00	0.01	0.00	11.13	2.00	0.00	0.00	0.01	0.00
11.14	2.00	0.00	0.00	0.01	0.00	11.15	2.00	0.00	0.00	0.01	0.00
11.16	2.00	0.00	0.00	0.01	0.00	11.17	2.00	0.00	0.00	0.01	0.00
11.18	2.00	0.00	0.00	0.01	0.00	11.19	2.00	0.00	0.00	0.01	0.00
11.20	2.00	0.00	0.00	0.01	0.00	11.21	2.00	0.00	0.00	0.01	0.00
11.22	2.00	0.00	0.00	0.01	0.00	11.23	2.00	0.00	0.00	0.01	0.00
11.24	2.00	0.00	0.00	0.01	0.00	11.25	2.00	0.00	0.00	0.01	0.00
11.26	2.00	0.00	0.00	0.01	0.00	11.27	2.00	0.00	0.00	0.01	0.00
11.28	2.00	0.00	0.00	0.01	0.00	11.29	2.00	0.00	0.00	0.01	0.00
11.30	2.00	0.00	0.00	0.01	0.00	11.31	2.00	0.00	0.00	0.01	0.00
11.32	2.00	0.00	0.00	0.01	0.00	11.33	2.00	0.00	0.00	0.01	0.00
11.34	2.00	0.00	0.00	0.01	0.00	11.35	2.00	0.00	0.00	0.01	0.00
11.36	2.00	0.00	0.00	0.01	0.00	11.37	2.00	0.00	0.00	0.01	0.00
11.38	2.00	0.00	0.00	0.01	0.00	11.39	2.00	0.00	0.00	0.01	0.00
11.40	2.00	0.00	0.00	0.01	0.00	11.41	2.00	0.00	0.00	0.01	0.00
11.42	2.00	0.00	0.00	0.01	0.00	11.43	2.00	0.00	0.00	0.01	0.00
11.44	2.00	0.00	0.00	0.01	0.00	11.45	2.00	0.00	0.00	0.01	0.00
11.46	2.00	0.00	0.00	0.01	0.00	11.47	2.00	0.00	0.00	0.01	0.00
11.48	2.00	0.00	0.00	0.01	0.00	11.49	2.00	0.00	0.00	0.01	0.00
11.50	2.00	0.00	0.00	0.01	0.00	11.51	2.00	0.00	0.00	0.01	0.00
11.52	2.00	0.00	0.00	0.01	0.00	11.53	2.00	0.00	0.00	0.01	0.00
11.54	2.00	0.00	0.00	0.01	0.00	11.55	2.00	0.00	0.00	0.01	0.00
11.56	2.00	0.00	0.00	0.01	0.00	11.57	2.00	0.00	0.00	0.01	0.00
11.58	2.00	0.00	0.00	0.01	0.00	11.59	2.00	0.00	0.00	0.01	0.00
11.60	2.00	0.00	0.00	0.01	0.00	11.61	2.00	0.00	0.00	0.01	0.00
11.62	2.00	0.00	0.00	0.01	0.00	11.63	2.00	0.00	0.00	0.01	0.00
11.64	2.00	0.00	0.00	0.01	0.00	11.65	2.00	0.00	0.00	0.01	0.00
11.66	2.00	0.00	0.00	0.01	0.00	11.67	2.00	0.00	0.00	0.01	0.00
11.68	2.00	0.00	0.00	0.01	0.00	11.69	2.00	0.00	0.00	0.01	0.00
11.70	2.00	0.00	0.00	0.01	0.00	11.71	2.00	0.00	0.00	0.01	0.00
11.72	2.00	0.00	0.00	0.01	0.00	11.73	2.00	0.00	0.00	0.01	0.00
11.74	2.00	0.00	0.00	0.01	0.00	11.75	2.00	0.00	0.00	0.01	0.00
11.76	2.00	0.00	0.00	0.01	0.00	11.77	2.00	0.00	0.00	0.01	0.00
11.78	2.00	0.00	0.00	0.01	0.00	11.79	2.00	0.00	0.00	0.01	0.00
11.80	2.00	0.00	0.00	0.01	0.00	11.81	2.00	0.00	0.00	0.01	0.00
11.82	2.00	0.00	0.00	0.01	0.00	11.83	2.00	0.00	0.00	0.01	0.00
11.84	2.00	0.00	0.00	0.01	0.00	11.85	2.00	0.00	0.00	0.01	0.00
11.86	2.00	0.00	0.00	0.01	0.00	11.87	2.00	0.00	0.00	0.01	0.00
11.88	2.00	0.00	0.00	0.01	0.00	11.89	2.00	0.00	0.00	0.01	0.00
11.90	2.00	0.00	0.00	0.01	0.00	11.91	2.00	0.00	0.00	0.01	0.00
11.92	2.00	0.00	0.00	0.01	0.00	11.93	2.00	0.00	0.00	0.01	0.00
11.94	2.00	0.00	0.00	0.01	0.00	11.95	2.00	0.00	0.00	0.01	0.00
11.96	2.00	0.00	0.00	0.01	0.00	11.97	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.98	2.00	0.00	0.00	0.01	0.00	11.99	2.00	0.00	0.00	0.01	0.00
12.00	2.00	0.00	0.00	0.01	0.00	12.01	2.00	0.00	0.00	0.01	0.00
12.02	2.00	0.00	0.00	0.01	0.00	12.03	2.00	0.00	0.00	0.01	0.00
12.04	2.00	0.00	0.00	0.01	0.00	12.05	2.00	0.00	0.00	0.01	0.00
12.06	2.00	0.00	0.00	0.01	0.00	12.07	2.00	0.00	0.00	0.01	0.00
12.08	2.00	0.00	0.00	0.01	0.00	12.09	2.00	0.00	0.00	0.01	0.00
12.10	2.00	0.00	0.00	0.01	0.00	12.11	2.00	0.00	0.00	0.01	0.00
12.12	2.00	0.00	0.00	0.01	0.00	12.13	2.00	0.00	0.00	0.01	0.00
12.14	2.00	0.00	0.00	0.01	0.00	12.15	2.00	0.00	0.00	0.01	0.00
12.16	2.00	0.00	0.00	0.01	0.00	12.17	2.00	0.00	0.00	0.01	0.00
12.18	2.00	0.00	0.00	0.01	0.00	12.19	2.00	0.00	0.00	0.01	0.00
12.20	2.00	0.00	0.00	0.01	0.00	12.21	2.00	0.00	0.00	0.01	0.00
12.22	2.00	0.00	0.00	0.01	0.00	12.23	2.00	0.00	0.00	0.01	0.00
12.24	2.00	0.00	0.00	0.01	0.00	12.25	2.00	0.00	0.00	0.01	0.00
12.26	2.00	0.00	0.00	0.01	0.00	12.27	2.00	0.00	0.00	0.01	0.00
12.28	2.00	0.00	0.00	0.01	0.00	12.29	2.00	0.00	0.00	0.01	0.00
12.30	2.00	0.00	0.00	0.01	0.00	12.31	2.00	0.00	0.00	0.01	0.00
12.32	2.00	0.00	0.00	0.01	0.00	12.33	2.00	0.00	0.00	0.01	0.00
12.34	2.00	0.00	0.00	0.01	0.00	12.35	2.00	0.00	0.00	0.01	0.00
12.36	2.00	0.00	0.00	0.01	0.00	12.37	2.00	0.00	0.00	0.01	0.00
12.38	2.00	0.00	0.00	0.01	0.00	12.39	2.00	0.00	0.00	0.01	0.00
12.40	2.00	0.00	0.00	0.01	0.00	12.41	2.00	0.00	0.00	0.01	0.00
12.42	2.00	0.00	0.00	0.01	0.00	12.43	2.00	0.00	0.00	0.01	0.00
12.44	2.00	0.00	0.00	0.01	0.00	12.45	2.00	0.00	0.00	0.01	0.00
12.46	2.00	0.00	0.00	0.01	0.00	12.47	2.00	0.00	0.00	0.01	0.00
12.48	2.00	0.00	0.00	0.01	0.00	12.49	2.00	0.00	0.00	0.01	0.00
12.50	2.00	0.00	0.00	0.01	0.00	12.51	2.00	0.00	0.00	0.01	0.00
12.52	2.00	0.00	0.00	0.01	0.00	12.53	2.00	0.00	0.00	0.01	0.00
12.54	2.00	0.00	0.00	0.01	0.00	12.55	2.00	0.00	0.00	0.01	0.00
12.56	2.00	0.00	0.00	0.01	0.00	12.57	2.00	0.00	0.00	0.01	0.00
12.58	2.00	0.00	0.00	0.01	0.00	12.59	2.00	0.00	0.00	0.01	0.00
12.60	2.00	0.00	0.00	0.01	0.00	12.61	2.00	0.00	0.00	0.01	0.00
12.62	2.00	0.00	0.00	0.01	0.00	12.63	2.00	0.00	0.00	0.01	0.00
12.64	2.00	0.00	0.00	0.01	0.00	12.65	2.00	0.00	0.00	0.01	0.00
12.66	2.00	0.00	0.00	0.01	0.00	12.67	2.00	0.00	0.00	0.01	0.00
12.68	2.00	0.00	0.00	0.01	0.00	12.69	2.00	0.00	0.00	0.01	0.00
12.70	2.00	0.00	0.00	0.01	0.00	12.71	2.00	0.00	0.00	0.01	0.00
12.72	2.00	0.00	0.00	0.01	0.00	12.73	2.00	0.00	0.00	0.01	0.00
12.74	2.00	0.00	0.00	0.01	0.00	12.75	2.00	0.00	0.00	0.01	0.00
12.76	2.00	0.00	0.00	0.01	0.00	12.77	2.00	0.00	0.00	0.01	0.00
12.78	2.00	0.00	0.00	0.01	0.00	12.79	2.00	0.00	0.00	0.01	0.00
12.80	2.00	0.00	0.00	0.01	0.00	12.81	2.00	0.00	0.00	0.01	0.00
12.82	2.00	0.00	0.00	0.01	0.00	12.83	2.00	0.00	0.00	0.01	0.00
12.84	2.00	0.00	0.00	0.01	0.00	12.85	2.00	0.00	0.00	0.01	0.00
12.86	2.00	0.00	0.00	0.01	0.00	12.87	2.00	0.00	0.00	0.01	0.00
12.88	2.00	0.00	0.00	0.01	0.00	12.89	2.00	0.00	0.00	0.01	0.00
12.90	2.00	0.00	0.00	0.01	0.00	12.91	2.00	0.00	0.00	0.01	0.00
12.92	2.00	0.00	0.00	0.01	0.00	12.93	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.94	2.00	0.00	0.00	0.01	0.00	12.95	2.00	0.00	0.00	0.01	0.00
12.96	2.00	0.00	0.00	0.01	0.00	12.97	2.00	0.00	0.00	0.01	0.00
12.98	2.00	0.00	0.00	0.01	0.00	12.99	2.00	0.00	0.00	0.01	0.00
13.00	2.00	0.00	0.00	0.01	0.00	13.01	2.00	0.00	0.00	0.01	0.00
13.02	2.00	0.00	0.00	0.01	0.00	13.03	2.00	0.00	0.00	0.01	0.00
13.04	2.00	0.00	0.00	0.01	0.00	13.05	2.00	0.00	0.00	0.01	0.00
13.06	2.00	0.00	0.00	0.01	0.00	13.07	2.00	0.00	0.00	0.01	0.00
13.08	2.00	0.00	0.00	0.01	0.00	13.09	2.00	0.00	0.00	0.01	0.00
13.10	2.00	0.00	0.00	0.01	0.00	13.11	2.00	0.00	0.00	0.01	0.00
13.12	2.00	0.00	0.00	0.01	0.00	13.13	2.00	0.00	0.00	0.01	0.00
13.14	2.00	0.00	0.00	0.01	0.00	13.15	2.00	0.00	0.00	0.01	0.00
13.16	2.00	0.00	0.00	0.01	0.00	13.17	2.00	0.00	0.00	0.01	0.00
13.18	2.00	0.00	0.00	0.01	0.00	13.19	2.00	0.00	0.00	0.01	0.00
13.20	2.00	0.00	0.00	0.01	0.00	13.21	2.00	0.00	0.00	0.01	0.00
13.22	2.00	0.00	0.00	0.01	0.00	13.23	2.00	0.00	0.00	0.01	0.00
13.24	2.00	0.00	0.00	0.01	0.00	13.25	2.00	0.00	0.00	0.01	0.00
13.26	2.00	0.00	0.00	0.01	0.00	13.27	2.00	0.00	0.00	0.01	0.00
13.28	2.00	0.00	0.00	0.01	0.00	13.29	2.00	0.00	0.00	0.01	0.00
13.30	2.00	0.00	0.00	0.01	0.00	13.31	2.00	0.00	0.00	0.01	0.00
13.32	2.00	0.00	0.00	0.01	0.00	13.33	2.00	0.00	0.00	0.01	0.00
13.34	2.00	0.00	0.00	0.01	0.00	13.35	2.00	0.00	0.00	0.01	0.00
13.36	2.00	0.00	0.00	0.01	0.00	13.37	2.00	0.00	0.00	0.01	0.00
13.38	2.00	0.00	0.00	0.01	0.00	13.39	2.00	0.00	0.00	0.01	0.00
13.40	2.00	0.00	0.00	0.01	0.00	13.41	2.00	0.00	0.00	0.01	0.00
13.42	2.00	0.00	0.00	0.01	0.00	13.43	2.00	0.00	0.00	0.01	0.00
13.44	2.00	0.00	0.00	0.01	0.00	13.45	2.00	0.00	0.00	0.01	0.00
13.46	2.00	0.00	0.00	0.01	0.00	13.47	2.00	0.00	0.00	0.01	0.00
13.48	2.00	0.00	0.00	0.01	0.00	13.49	2.00	0.00	0.00	0.01	0.00
13.50	2.00	0.00	0.00	0.01	0.00	13.51	2.00	0.00	0.00	0.01	0.00
13.52	2.00	0.00	0.00	0.01	0.00	13.53	2.00	0.00	0.00	0.01	0.00
13.54	2.00	0.00	0.00	0.01	0.00	13.55	2.00	0.00	0.00	0.01	0.00
13.56	2.00	0.00	0.00	0.01	0.00	13.57	2.00	0.00	0.00	0.01	0.00
13.58	2.00	0.00	0.00	0.01	0.00	13.59	2.00	0.00	0.00	0.01	0.00
13.60	2.00	0.00	0.00	0.01	0.00	13.61	2.00	0.00	0.00	0.01	0.00
13.62	2.00	0.00	0.00	0.01	0.00	13.63	2.00	0.00	0.00	0.01	0.00
13.64	2.00	0.00	0.00	0.01	0.00	13.65	2.00	0.00	0.00	0.01	0.00
13.66	2.00	0.00	0.00	0.01	0.00	13.67	2.00	0.00	0.00	0.01	0.00
13.68	2.00	0.00	0.00	0.01	0.00	13.69	2.00	0.00	0.00	0.01	0.00
13.70	2.00	0.00	0.00	0.01	0.00	13.71	2.00	0.00	0.00	0.01	0.00
13.72	2.00	0.00	0.00	0.01	0.00	13.73	2.00	0.00	0.00	0.01	0.00
13.74	2.00	0.00	0.00	0.01	0.00	13.75	2.00	0.00	0.00	0.01	0.00
13.76	2.00	0.00	0.00	0.01	0.00	13.77	2.00	0.00	0.00	0.01	0.00
13.78	2.00	0.00	0.00	0.01	0.00	13.79	2.00	0.00	0.00	0.01	0.00
13.80	2.00	0.00	0.00	0.01	0.00	13.81	2.00	0.00	0.00	0.01	0.00
13.82	2.00	0.00	0.00	0.01	0.00	13.83	2.00	0.00	0.00	0.01	0.00
13.84	2.00	0.00	0.00	0.01	0.00	13.85	2.00	0.00	0.00	0.01	0.00
13.86	2.00	0.00	0.00	0.01	0.00	13.87	2.00	0.00	0.00	0.01	0.00
13.88	2.00	0.00	0.00	0.01	0.00	13.89	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.90	2.00	0.00	0.00	0.01	0.00	13.91	2.00	0.00	0.00	0.01	0.00
13.92	2.00	0.00	0.00	0.01	0.00	13.93	2.00	0.00	0.00	0.01	0.00
13.94	2.00	0.00	0.00	0.01	0.00	13.95	2.00	0.00	0.00	0.01	0.00
13.96	2.00	0.00	0.00	0.01	0.00	13.97	2.00	0.00	0.00	0.01	0.00
13.98	2.00	0.00	0.00	0.01	0.00	13.99	2.00	0.00	0.00	0.01	0.00
14.00	2.00	0.00	0.00	0.01	0.00	14.01	2.00	0.00	0.00	0.01	0.00
14.02	2.00	0.00	0.00	0.01	0.00	14.03	2.00	0.00	0.00	0.01	0.00
14.04	2.00	0.00	0.00	0.01	0.00	14.05	2.00	0.00	0.00	0.01	0.00
14.06	2.00	0.00	0.00	0.01	0.00	14.07	2.00	0.00	0.00	0.01	0.00
14.08	2.00	0.00	0.00	0.01	0.00	14.09	2.00	0.00	0.00	0.01	0.00
14.10	2.00	0.00	0.00	0.01	0.00	14.11	2.00	0.00	0.00	0.01	0.00
14.12	2.00	0.00	0.00	0.01	0.00	14.13	2.00	0.00	0.00	0.01	0.00
14.14	2.00	0.00	0.00	0.01	0.00	14.15	2.00	0.00	0.00	0.01	0.00
14.16	2.00	0.00	0.00	0.01	0.00	14.17	2.00	0.00	0.00	0.01	0.00
14.18	2.00	0.00	0.00	0.01	0.00	14.19	2.00	0.00	0.00	0.01	0.00
14.20	2.00	0.00	0.00	0.01	0.00	14.21	2.00	0.00	0.00	0.01	0.00
14.22	2.00	0.00	0.00	0.01	0.00	14.23	2.00	0.00	0.00	0.01	0.00
14.24	2.00	0.00	0.00	0.01	0.00	14.25	2.00	0.00	0.00	0.01	0.00
14.26	2.00	0.00	0.00	0.01	0.00	14.27	2.00	0.00	0.00	0.01	0.00
14.28	2.00	0.00	0.00	0.01	0.00	14.29	2.00	0.00	0.00	0.01	0.00
14.30	2.00	0.00	0.00	0.01	0.00	14.31	2.00	0.00	0.00	0.01	0.00
14.32	2.00	0.00	0.00	0.01	0.00	14.33	2.00	0.00	0.00	0.01	0.00
14.34	2.00	0.00	0.00	0.01	0.00	14.35	2.00	0.00	0.00	0.01	0.00
14.36	2.00	0.00	0.00	0.01	0.00	14.37	2.00	0.00	0.00	0.01	0.00
14.38	2.00	0.00	0.00	0.01	0.00	14.39	2.00	0.00	0.00	0.01	0.00
14.40	2.00	0.00	0.00	0.01	0.00	14.41	2.00	0.00	0.00	0.01	0.00
14.42	2.00	0.00	0.00	0.01	0.00	14.43	2.00	0.00	0.00	0.01	0.00
14.44	2.00	0.00	0.00	0.01	0.00	14.45	2.00	0.00	0.00	0.01	0.00
14.46	2.00	0.00	0.00	0.01	0.00	14.47	2.00	0.00	0.00	0.01	0.00
14.48	2.00	0.00	0.00	0.01	0.00	14.49	2.00	0.00	0.00	0.01	0.00
14.50	2.00	0.00	0.00	0.01	0.00	14.51	2.00	0.00	0.00	0.01	0.00
14.52	2.00	0.00	0.00	0.01	0.00	14.53	2.00	0.00	0.00	0.01	0.00
14.54	2.00	0.00	0.00	0.01	0.00	14.55	2.00	0.00	0.00	0.01	0.00
14.56	2.00	0.00	0.00	0.01	0.00	14.57	2.00	0.00	0.00	0.01	0.00
14.58	2.00	0.00	0.00	0.01	0.00	14.59	2.00	0.00	0.00	0.01	0.00
14.60	2.00	0.00	0.00	0.01	0.00	14.61	2.00	0.00	0.00	0.01	0.00
14.62	2.00	0.00	0.00	0.01	0.00	14.63	2.00	0.00	0.00	0.01	0.00
14.64	2.00	0.00	0.00	0.01	0.00	14.65	2.00	0.00	0.00	0.01	0.00
14.66	2.00	0.00	0.00	0.01	0.00	14.67	2.00	0.00	0.00	0.01	0.00
14.68	2.00	0.00	0.00	0.01	0.00	14.69	2.00	0.00	0.00	0.01	0.00
14.70	2.00	0.00	0.00	0.01	0.00	14.71	2.00	0.00	0.00	0.01	0.00
14.72	2.00	0.00	0.00	0.01	0.00	14.73	2.00	0.00	0.00	0.01	0.00
14.74	2.00	0.00	0.00	0.01	0.00	14.75	2.00	0.00	0.00	0.01	0.00
14.76	2.00	0.00	0.00	0.01	0.00	14.77	2.00	0.00	0.00	0.01	0.00
14.78	2.00	0.00	0.00	0.01	0.00	14.79	2.00	0.00	0.00	0.01	0.00
14.80	2.00	0.00	0.00	0.01	0.00	14.81	2.00	0.00	0.00	0.01	0.00
14.82	2.00	0.00	0.00	0.01	0.00	14.83	2.00	0.00	0.00	0.01	0.00
14.84	2.00	0.00	0.00	0.01	0.00	14.85	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.86	2.00	0.00	0.00	0.01	0.00	14.87	2.00	0.00	0.00	0.01	0.00
14.88	2.00	0.00	0.00	0.01	0.00	14.89	2.00	0.00	0.00	0.01	0.00
14.90	2.00	0.00	0.00	0.01	0.00	14.91	2.00	0.00	0.00	0.01	0.00
14.92	2.00	0.00	0.00	0.01	0.00	14.93	2.00	0.00	0.00	0.01	0.00
14.94	2.00	0.00	0.00	0.01	0.00	14.95	2.00	0.00	0.00	0.01	0.00
14.96	2.00	0.00	0.00	0.01	0.00	14.97	2.00	0.00	0.00	0.01	0.00
14.98	2.00	0.00	0.00	0.01	0.00	14.99	2.00	0.00	0.00	0.01	0.00
15.00	2.00	0.00	0.00	0.01	0.00	15.01	2.00	0.00	0.00	0.01	0.00
15.02	2.00	0.00	0.00	0.01	0.00	15.03	2.00	0.00	0.00	0.01	0.00
15.04	2.00	0.00	0.00	0.01	0.00	15.05	2.00	0.00	0.00	0.01	0.00
15.06	2.00	0.00	0.00	0.01	0.00	15.07	2.00	0.00	0.00	0.01	0.00
15.08	2.00	0.00	0.00	0.01	0.00	15.09	2.00	0.00	0.00	0.01	0.00
15.10	2.00	0.00	0.00	0.01	0.00	15.11	2.00	0.00	0.00	0.01	0.00
15.12	2.00	0.00	0.00	0.01	0.00	15.13	2.00	0.00	0.00	0.01	0.00
15.14	2.00	0.00	0.00	0.01	0.00	15.15	2.00	0.00	0.00	0.01	0.00
15.16	2.00	0.00	0.00	0.01	0.00	15.17	2.00	0.00	0.00	0.01	0.00
15.18	2.00	0.00	0.00	0.01	0.00	15.19	2.00	0.00	0.00	0.01	0.00
15.20	2.00	0.00	0.00	0.01	0.00	15.21	2.00	0.00	0.00	0.01	0.00
15.22	2.00	0.00	0.00	0.01	0.00	15.23	2.00	0.00	0.00	0.01	0.00
15.24	2.00	0.00	0.00	0.01	0.00	15.25	2.00	0.00	0.00	0.01	0.00
15.26	2.00	0.00	0.00	0.01	0.00	15.27	2.00	0.00	0.00	0.01	0.00
15.28	2.00	0.00	0.00	0.01	0.00	15.29	2.00	0.00	0.00	0.01	0.00
15.30	2.00	0.00	0.00	0.01	0.00	15.31	2.00	0.00	0.00	0.01	0.00
15.32	2.00	0.00	0.00	0.01	0.00	15.33	2.00	0.00	0.00	0.01	0.00
15.34	2.00	0.00	0.00	0.01	0.00	15.35	2.00	0.00	0.00	0.01	0.00
15.36	2.00	0.00	0.00	0.01	0.00	15.37	2.00	0.00	0.00	0.01	0.00
15.38	2.00	0.00	0.00	0.01	0.00	15.39	2.00	0.00	0.00	0.01	0.00
15.40	2.00	0.00	0.00	0.01	0.00	15.41	2.00	0.00	0.00	0.01	0.00
15.42	2.00	0.00	0.00	0.01	0.00	15.43	2.00	0.00	0.00	0.01	0.00
15.44	2.00	0.00	0.00	0.01	0.00	15.45	2.00	0.00	0.00	0.01	0.00
15.46	2.00	0.00	0.00	0.01	0.00	15.47	2.00	0.00	0.00	0.01	0.00
15.48	2.00	0.00	0.00	0.01	0.00	15.49	2.00	0.00	0.00	0.01	0.00
15.50	2.00	0.00	0.00	0.01	0.00	15.51	2.00	0.00	0.00	0.01	0.00
15.52	2.00	0.00	0.00	0.01	0.00	15.53	2.00	0.00	0.00	0.01	0.00
15.54	2.00	0.00	0.00	0.01	0.00	15.55	2.00	0.00	0.00	0.01	0.00
15.56	2.00	0.00	0.00	0.01	0.00	15.57	2.00	0.00	0.00	0.01	0.00
15.58	2.00	0.00	0.00	0.01	0.00	15.59	2.00	0.00	0.00	0.01	0.00
15.60	2.00	0.00	0.00	0.01	0.00	15.61	2.00	0.00	0.00	0.01	0.00
15.62	2.00	0.00	0.00	0.01	0.00	15.63	2.00	0.00	0.00	0.01	0.00
15.64	2.00	0.00	0.00	0.01	0.00	15.65	2.00	0.00	0.00	0.01	0.00
15.66	2.00	0.00	0.00	0.01	0.00	15.67	2.00	0.00	0.00	0.01	0.00
15.68	2.00	0.00	0.00	0.01	0.00	15.69	2.00	0.00	0.00	0.01	0.00
15.70	2.00	0.00	0.00	0.01	0.00	15.71	2.00	0.00	0.00	0.01	0.00
15.72	2.00	0.00	0.00	0.01	0.00	15.73	2.00	0.00	0.00	0.01	0.00
15.74	2.00	0.00	0.00	0.01	0.00	15.75	2.00	0.00	0.00	0.01	0.00
15.76	2.00	0.00	0.00	0.01	0.00	15.77	2.00	0.00	0.00	0.01	0.00
15.78	2.00	0.00	0.00	0.01	0.00	15.79	2.00	0.00	0.00	0.01	0.00
15.80	2.00	0.00	0.00	0.01	0.00	15.81	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.82	2.00	0.00	0.00	0.01	0.00	15.83	2.00	0.00	0.00	0.01	0.00
15.84	2.00	0.00	0.00	0.01	0.00	15.85	2.00	0.00	0.00	0.01	0.00
15.86	2.00	0.00	0.00	0.01	0.00	15.87	2.00	0.00	0.00	0.01	0.00
15.88	2.00	0.00	0.00	0.01	0.00	15.89	2.00	0.00	0.00	0.01	0.00
15.90	2.00	0.00	0.00	0.01	0.00	15.91	2.00	0.00	0.00	0.01	0.00
15.92	2.00	0.00	0.00	0.01	0.00	15.93	2.00	0.00	0.00	0.01	0.00
15.94	2.00	0.00	0.00	0.01	0.00	15.95	2.00	0.00	0.00	0.01	0.00
15.96	2.00	0.00	0.00	0.01	0.00	15.97	2.00	0.00	0.00	0.01	0.00
15.98	2.00	0.00	0.00	0.01	0.00	15.99	2.00	0.00	0.00	0.01	0.00
16.00	2.00	0.00	0.00	0.01	0.00	16.01	2.00	0.00	0.00	0.01	0.00

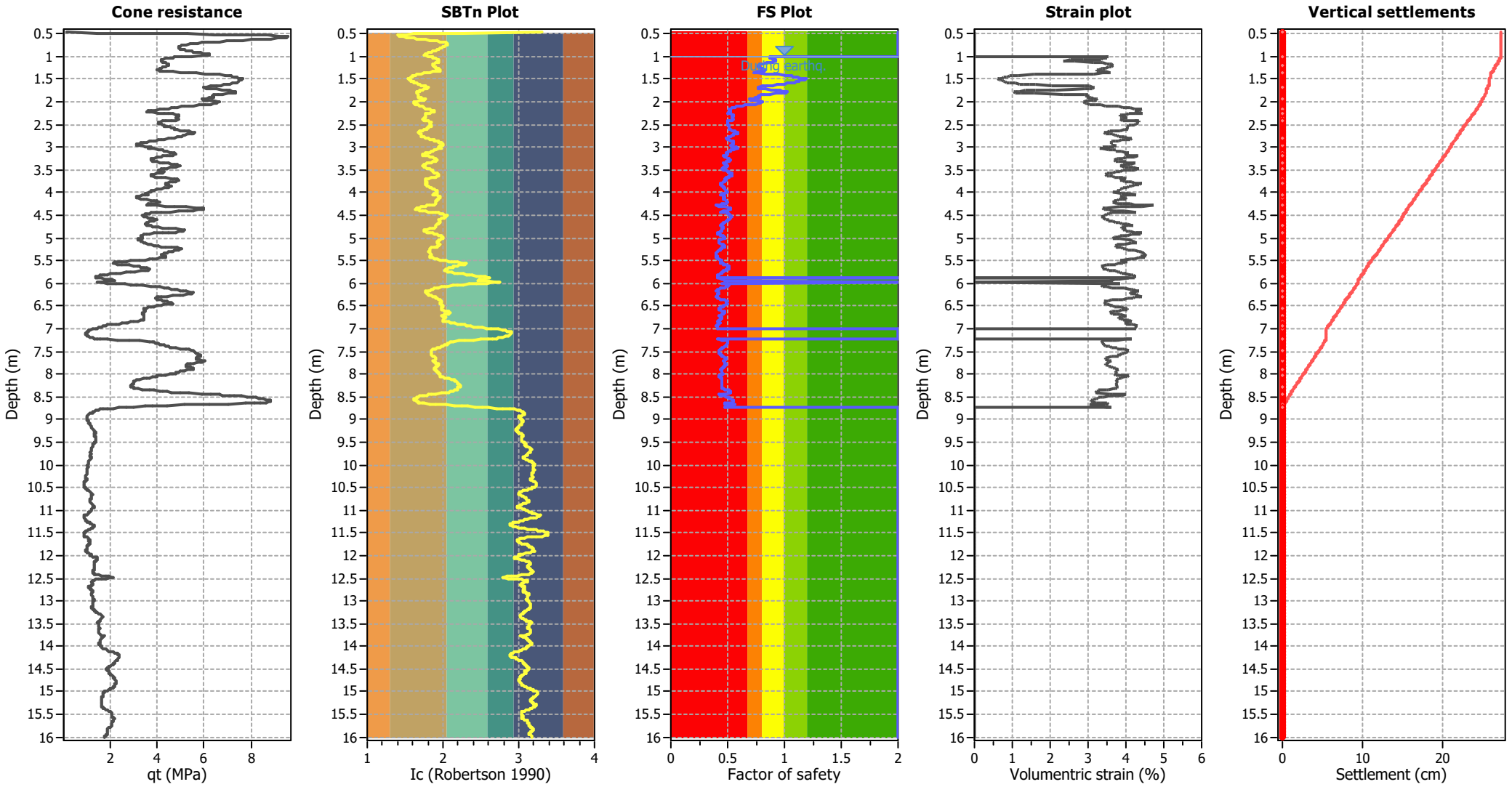
Overall liquefaction potential: 25.86

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	87.55	2.00	0.00	1.00	0.00	1.01	90.92	0.87	3.54	1.00	0.04
1.02	93.15	0.89	3.45	1.00	0.03	1.03	91.47	0.87	3.52	1.00	0.04
1.04	93.24	0.88	3.45	1.00	0.03	1.05	95.11	0.89	3.38	1.00	0.03
1.06	96.56	0.90	3.33	1.00	0.03	1.07	98.10	0.91	2.89	1.00	0.03
1.08	99.38	0.92	2.52	1.00	0.03	1.09	100.09	0.92	2.40	1.00	0.02
1.10	100.58	0.92	2.35	1.00	0.02	1.11	99.95	0.91	2.66	1.00	0.03
1.12	99.11	0.90	3.16	1.00	0.03	1.13	96.53	0.87	3.33	1.00	0.03
1.14	94.71	0.85	3.40	1.00	0.03	1.15	91.48	0.81	3.52	1.00	0.04
1.16	89.92	0.80	3.58	1.00	0.04	1.17	88.74	0.78	3.62	1.00	0.04
1.18	88.48	0.78	3.63	1.00	0.04	1.19	88.30	0.77	3.64	1.00	0.04
1.20	88.33	0.77	3.64	1.00	0.04	1.21	88.45	0.77	3.63	1.00	0.04
1.22	89.01	0.77	3.61	1.00	0.04	1.23	89.87	0.77	3.58	1.00	0.04
1.24	91.31	0.78	3.52	1.00	0.04	1.25	92.89	0.79	3.46	1.00	0.03
1.26	94.59	0.80	3.40	1.00	0.03	1.27	96.15	0.81	3.34	1.00	0.03
1.28	97.44	0.82	3.30	1.00	0.03	1.29	98.49	0.83	3.26	1.00	0.03
1.30	99.08	0.83	3.24	1.00	0.03	1.31	99.08	0.83	3.24	1.00	0.03
1.32	98.35	0.82	3.27	1.00	0.03	1.33	96.49	0.80	3.33	1.00	0.03
1.34	93.03	0.76	3.46	1.00	0.03	1.35	89.74	0.73	3.58	1.00	0.04
1.36	89.98	0.73	3.57	1.00	0.04	1.37	95.35	0.77	3.37	1.00	0.03
1.38	101.42	0.83	3.17	1.00	0.03	1.39	107.36	0.89	2.44	1.00	0.02
1.40	112.19	0.95	1.57	1.00	0.02	1.41	116.57	1.01	1.16	1.00	0.01
1.42	118.99	1.04	1.01	1.00	0.01	1.43	120.38	1.06	0.94	1.00	0.01
1.44	121.40	1.08	0.89	1.00	0.01	1.45	122.58	1.10	0.84	1.00	0.01
1.46	123.82	1.12	0.78	1.00	0.01	1.47	125.30	1.14	0.72	1.00	0.01
1.48	126.71	1.17	0.67	1.00	0.01	1.49	128.03	1.19	0.63	1.00	0.01
1.50	128.42	1.20	0.62	1.00	0.01	1.51	127.73	1.18	0.65	1.00	0.01
1.52	126.71	1.15	0.70	1.00	0.01	1.53	125.85	1.13	0.74	1.00	0.01
1.54	125.70	1.13	0.76	1.00	0.01	1.55	125.46	1.12	0.78	1.00	0.01
1.56	125.14	1.11	0.80	1.00	0.01	1.57	124.29	1.09	0.85	1.00	0.01
1.58	122.88	1.06	0.93	1.00	0.01	1.59	121.02	1.02	1.06	1.00	0.01
1.60	119.37	0.99	1.19	1.00	0.01	1.61	118.13	0.97	1.31	1.00	0.01
1.62	116.87	0.95	1.45	1.00	0.01	1.63	115.55	0.93	1.62	1.00	0.02
1.64	113.13	0.89	2.02	1.00	0.02	1.65	109.69	0.85	2.92	1.00	0.03
1.66	105.88	0.81	3.03	1.00	0.03	1.67	102.89	0.77	3.12	1.00	0.03
1.68	102.17	0.77	3.14	1.00	0.03	1.69	102.44	0.77	3.13	1.00	0.03
1.70	103.52	0.77	3.10	1.00	0.03	1.71	106.17	0.80	3.02	1.00	0.03
1.72	109.54	0.83	2.92	1.00	0.03	1.73	113.52	0.88	2.17	1.00	0.02
1.74	117.02	0.93	1.61	1.00	0.02	1.75	119.69	0.96	1.33	1.00	0.01
1.76	121.32	0.99	1.20	1.00	0.01	1.77	122.18	1.00	1.14	1.00	0.01
1.78	123.20	1.01	1.08	1.00	0.01	1.79	123.82	1.02	1.04	1.00	0.01
1.80	123.35	1.01	1.08	1.00	0.01	1.81	121.55	0.98	1.23	1.00	0.01
1.82	118.05	0.92	1.59	1.00	0.02	1.83	113.90	0.87	2.33	1.00	0.02
1.84	110.10	0.82	2.91	1.00	0.03	1.85	107.51	0.79	2.98	1.00	0.03
1.86	106.34	0.77	3.02	1.00	0.03	1.87	106.89	0.78	3.00	1.00	0.03
1.88	107.90	0.79	2.97	1.00	0.03	1.89	108.07	0.79	2.97	1.00	0.03
1.90	106.66	0.77	3.01	1.00	0.03	1.91	104.54	0.75	3.07	1.00	0.03
1.92	102.21	0.73	3.14	1.00	0.03	1.93	99.95	0.71	3.21	1.00	0.03
1.94	98.97	0.70	3.25	1.00	0.03	1.95	99.11	0.70	3.24	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	99.95	0.70	3.21	1.00	0.03	1.97	101.42	0.71	3.17	1.00	0.03
1.98	107.28	0.77	2.99	1.00	0.03	1.99	110.95	0.80	2.89	1.00	0.03
2.00	111.67	0.81	2.87	1.00	0.03	2.01	111.67	0.81	2.87	1.00	0.03
2.02	108.92	0.78	2.94	1.00	0.03	2.03	108.92	0.78	2.94	1.00	0.03
2.04	108.69	0.77	2.95	1.00	0.03	2.05	105.48	0.74	3.04	1.00	0.03
2.06	100.80	0.70	3.19	1.00	0.03	2.07	96.35	0.66	3.34	1.00	0.03
2.08	92.61	0.63	3.47	1.00	0.03	2.09	89.34	0.61	3.60	1.00	0.04
2.10	86.91	0.59	3.70	1.00	0.04	2.11	84.43	0.58	3.81	1.00	0.04
2.12	81.84	0.56	3.92	1.00	0.04	2.13	79.81	0.55	4.02	1.00	0.04
2.14	78.02	0.54	4.11	1.00	0.04	2.15	75.57	0.53	4.23	1.00	0.04
2.16	72.93	0.51	4.38	1.00	0.04	2.17	72.22	0.51	4.42	1.00	0.04
2.18	73.98	0.52	4.32	1.00	0.04	2.19	75.11	0.52	4.26	1.00	0.04
2.20	74.23	0.52	4.31	1.00	0.04	2.21	74.62	0.52	4.28	1.00	0.04
2.22	75.28	0.52	4.25	1.00	0.04	2.23	73.76	0.51	4.33	1.00	0.04
2.24	71.84	0.50	4.44	1.00	0.04	2.25	72.41	0.50	4.41	1.00	0.04
2.26	75.19	0.52	4.25	1.00	0.04	2.27	78.26	0.53	4.09	1.00	0.04
2.28	80.53	0.54	3.98	1.00	0.04	2.29	82.45	0.55	3.89	1.00	0.04
2.30	83.37	0.55	3.85	1.00	0.04	2.31	83.34	0.55	3.85	1.00	0.04
2.32	82.53	0.55	3.89	1.00	0.04	2.33	80.60	0.54	3.98	1.00	0.04
2.34	80.56	0.54	3.98	1.00	0.04	2.35	79.76	0.53	4.02	1.00	0.04
2.36	80.99	0.54	3.96	1.00	0.04	2.37	80.99	0.54	3.96	1.00	0.04
2.38	82.78	0.55	3.88	1.00	0.04	2.39	83.72	0.55	3.84	1.00	0.04
2.40	81.93	0.54	3.92	1.00	0.04	2.41	74.52	0.50	4.29	1.00	0.04
2.42	75.57	0.51	4.23	1.00	0.04	2.43	73.50	0.50	4.35	1.00	0.04
2.44	73.74	0.50	4.33	1.00	0.04	2.45	74.11	0.50	4.31	1.00	0.04
2.46	74.04	0.50	4.32	1.00	0.04	2.47	74.00	0.50	4.32	1.00	0.04
2.48	74.21	0.50	4.31	1.00	0.04	2.49	74.55	0.50	4.29	1.00	0.04
2.50	75.58	0.50	4.23	1.00	0.04	2.51	76.98	0.51	4.16	1.00	0.04
2.52	78.59	0.51	4.08	1.00	0.04	2.53	79.50	0.52	4.03	1.00	0.04
2.54	79.68	0.52	4.02	1.00	0.04	2.55	79.28	0.52	4.04	1.00	0.04
2.56	79.04	0.51	4.06	1.00	0.04	2.57	79.46	0.52	4.03	1.00	0.04
2.58	79.69	0.52	4.02	1.00	0.04	2.59	79.70	0.52	4.02	1.00	0.04
2.60	79.75	0.52	4.02	1.00	0.04	2.61	79.69	0.51	4.02	1.00	0.04
2.62	80.84	0.52	3.97	1.00	0.04	2.63	83.40	0.53	3.85	1.00	0.04
2.64	86.76	0.55	3.70	1.00	0.04	2.65	89.88	0.57	3.58	1.00	0.04
2.66	92.23	0.58	3.49	1.00	0.03	2.67	93.79	0.59	3.43	1.00	0.03
2.68	94.17	0.59	3.41	1.00	0.03	2.69	93.08	0.58	3.45	1.00	0.03
2.70	91.59	0.57	3.51	1.00	0.04	2.71	90.11	0.56	3.57	1.00	0.04
2.72	87.85	0.55	3.66	1.00	0.04	2.73	86.91	0.55	3.70	1.00	0.04
2.74	86.22	0.54	3.73	1.00	0.04	2.75	85.28	0.54	3.77	1.00	0.04
2.76	84.19	0.53	3.82	1.00	0.04	2.77	82.93	0.52	3.87	1.00	0.04
2.78	81.07	0.51	3.96	1.00	0.04	2.79	79.24	0.50	4.05	1.00	0.04
2.80	77.59	0.49	4.13	1.00	0.04	2.81	77.15	0.49	4.15	1.00	0.04
2.82	77.90	0.50	4.11	1.00	0.04	2.83	80.40	0.51	3.99	1.00	0.04
2.84	82.75	0.52	3.88	1.00	0.04	2.85	84.69	0.53	3.79	1.00	0.04
2.86	86.56	0.54	3.71	1.00	0.04	2.87	87.80	0.54	3.66	1.00	0.04
2.88	88.83	0.55	3.62	1.00	0.04	2.89	89.19	0.55	3.61	1.00	0.04
2.90	89.34	0.55	3.60	1.00	0.04	2.91	89.04	0.55	3.61	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	88.99	0.55	3.61	1.00	0.04	2.93	88.87	0.55	3.62	1.00	0.04
2.94	88.38	0.54	3.64	1.00	0.04	2.95	87.57	0.54	3.67	1.00	0.04
2.96	86.40	0.53	3.72	1.00	0.04	2.97	85.69	0.53	3.75	1.00	0.04
2.98	87.14	0.53	3.69	1.00	0.04	2.99	90.75	0.55	3.54	1.00	0.04
3.00	95.30	0.58	3.37	1.00	0.03	3.01	95.15	0.58	3.38	1.00	0.03
3.02	97.20	0.59	3.31	1.00	0.03	3.03	90.33	0.55	3.56	1.00	0.04
3.04	94.68	0.57	3.40	1.00	0.03	3.05	90.55	0.55	3.55	1.00	0.04
3.06	88.15	0.54	3.65	1.00	0.04	3.07	86.53	0.53	3.71	1.00	0.04
3.08	85.79	0.52	3.75	1.00	0.04	3.09	85.04	0.52	3.78	1.00	0.04
3.10	83.05	0.51	3.87	1.00	0.04	3.11	80.11	0.49	4.00	1.00	0.04
3.12	78.47	0.48	4.08	1.00	0.04	3.13	79.17	0.49	4.05	1.00	0.04
3.14	80.37	0.49	3.99	1.00	0.04	3.15	80.67	0.49	3.98	1.00	0.04
3.16	80.21	0.49	4.00	1.00	0.04	3.17	78.49	0.48	4.08	1.00	0.04
3.18	76.47	0.47	4.19	1.00	0.04	3.19	74.17	0.46	4.31	1.00	0.04
3.20	74.04	0.46	4.32	1.00	0.04	3.21	75.80	0.47	4.22	1.00	0.04
3.22	78.11	0.48	4.10	1.00	0.04	3.23	80.39	0.49	3.99	1.00	0.04
3.24	82.17	0.50	3.91	1.00	0.04	3.25	84.20	0.51	3.82	1.00	0.04
3.26	85.04	0.51	3.78	1.00	0.04	3.27	86.62	0.52	3.71	1.00	0.04
3.28	86.44	0.52	3.72	1.00	0.04	3.29	87.18	0.52	3.69	1.00	0.04
3.30	85.95	0.51	3.74	1.00	0.04	3.31	84.48	0.51	3.80	1.00	0.04
3.32	80.16	0.49	4.00	1.00	0.04	3.33	80.10	0.48	4.00	1.00	0.04
3.34	75.54	0.46	4.23	1.00	0.04	3.35	75.59	0.46	4.23	1.00	0.04
3.36	75.57	0.46	4.23	1.00	0.04	3.37	77.63	0.47	4.13	1.00	0.04
3.38	79.66	0.48	4.03	1.00	0.04	3.39	81.61	0.49	3.93	1.00	0.04
3.40	82.87	0.50	3.87	1.00	0.04	3.41	83.40	0.50	3.85	1.00	0.04
3.42	82.78	0.49	3.88	1.00	0.04	3.43	80.99	0.49	3.96	1.00	0.04
3.44	78.51	0.47	4.08	1.00	0.04	3.45	76.09	0.46	4.21	1.00	0.04
3.46	74.22	0.45	4.31	1.00	0.04	3.47	73.80	0.45	4.33	1.00	0.04
3.48	74.42	0.45	4.30	1.00	0.04	3.49	75.81	0.46	4.22	1.00	0.04
3.50	77.39	0.47	4.14	1.00	0.04	3.51	79.76	0.48	4.02	1.00	0.04
3.52	81.93	0.49	3.92	1.00	0.04	3.53	83.54	0.49	3.84	1.00	0.04
3.54	85.24	0.50	3.77	1.00	0.04	3.55	86.49	0.51	3.72	1.00	0.04
3.56	87.90	0.52	3.66	1.00	0.04	3.57	89.87	0.53	3.58	1.00	0.04
3.58	91.61	0.54	3.51	1.00	0.04	3.59	92.47	0.54	3.48	1.00	0.03
3.60	92.81	0.54	3.47	1.00	0.03	3.61	92.48	0.54	3.48	1.00	0.03
3.62	91.85	0.54	3.50	1.00	0.04	3.63	90.99	0.53	3.53	1.00	0.04
3.64	89.92	0.52	3.58	1.00	0.04	3.65	88.38	0.52	3.64	1.00	0.04
3.66	86.70	0.51	3.71	1.00	0.04	3.67	84.41	0.49	3.81	1.00	0.04
3.68	82.02	0.48	3.91	1.00	0.04	3.69	80.54	0.47	3.98	1.00	0.04
3.70	81.19	0.48	3.95	1.00	0.04	3.71	82.63	0.48	3.89	1.00	0.04
3.72	83.16	0.49	3.86	1.00	0.04	3.73	82.76	0.48	3.88	1.00	0.04
3.74	81.95	0.48	3.92	1.00	0.04	3.75	80.59	0.47	3.98	1.00	0.04
3.76	78.99	0.46	4.06	1.00	0.04	3.77	77.34	0.46	4.14	1.00	0.04
3.78	75.40	0.45	4.24	1.00	0.04	3.79	73.33	0.44	4.36	1.00	0.04
3.80	72.40	0.43	4.41	1.00	0.04	3.81	72.72	0.44	4.39	1.00	0.04
3.82	73.45	0.44	4.35	1.00	0.04	3.83	74.47	0.44	4.29	1.00	0.04
3.84	75.59	0.45	4.23	1.00	0.04	3.85	76.86	0.45	4.17	1.00	0.04
3.86	78.14	0.46	4.10	1.00	0.04	3.87	78.92	0.46	4.06	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	79.69	0.46	4.02	1.00	0.04	3.89	80.60	0.47	3.98	1.00	0.04
3.90	81.63	0.47	3.93	1.00	0.04	3.91	82.48	0.48	3.89	1.00	0.04
3.92	83.32	0.48	3.85	1.00	0.04	3.93	83.18	0.48	3.86	1.00	0.04
3.94	83.73	0.48	3.84	1.00	0.04	3.95	84.30	0.48	3.81	1.00	0.04
3.96	85.03	0.49	3.78	1.00	0.04	3.97	85.62	0.49	3.75	1.00	0.04
3.98	85.47	0.49	3.76	1.00	0.04	3.99	85.94	0.49	3.74	1.00	0.04
4.00	87.72	0.50	3.66	1.00	0.04	4.01	82.95	0.48	3.87	1.00	0.04
4.02	79.91	0.46	4.01	1.00	0.04	4.03	78.57	0.45	4.08	1.00	0.04
4.04	74.88	0.44	4.27	1.00	0.04	4.05	76.97	0.45	4.16	1.00	0.04
4.06	81.01	0.47	3.96	1.00	0.04	4.07	81.61	0.47	3.93	1.00	0.04
4.08	83.46	0.48	3.85	1.00	0.04	4.09	83.06	0.47	3.87	1.00	0.04
4.10	82.73	0.47	3.88	1.00	0.04	4.11	81.43	0.47	3.94	1.00	0.04
4.12	80.05	0.46	4.01	1.00	0.04	4.13	79.83	0.46	4.02	1.00	0.04
4.14	80.36	0.46	3.99	1.00	0.04	4.15	82.04	0.47	3.91	1.00	0.04
4.16	84.72	0.48	3.79	1.00	0.04	4.17	84.83	0.48	3.79	1.00	0.04
4.18	87.27	0.49	3.68	1.00	0.04	4.19	86.56	0.49	3.71	1.00	0.04
4.20	88.03	0.50	3.65	1.00	0.04	4.21	88.31	0.50	3.64	1.00	0.04
4.22	87.67	0.49	3.67	1.00	0.04	4.23	85.42	0.48	3.76	1.00	0.04
4.24	81.63	0.46	3.93	1.00	0.04	4.25	78.00	0.45	4.11	1.00	0.04
4.26	75.94	0.44	4.21	1.00	0.04	4.27	70.76	0.42	4.50	1.00	0.05
4.28	67.42	0.40	4.71	1.00	0.05	4.29	67.26	0.40	4.72	1.00	0.05
4.30	72.21	0.42	4.42	1.00	0.04	4.31	77.62	0.44	4.13	1.00	0.04
4.32	83.28	0.47	3.86	1.00	0.04	4.33	91.75	0.51	3.51	1.00	0.04
4.34	93.29	0.52	3.45	1.00	0.03	4.35	94.52	0.53	3.40	1.00	0.03
4.36	94.45	0.53	3.40	1.00	0.03	4.37	92.96	0.52	3.46	1.00	0.03
4.38	91.02	0.51	3.53	1.00	0.04	4.39	88.41	0.49	3.64	1.00	0.04
4.40	85.09	0.48	3.78	1.00	0.04	4.41	80.77	0.46	3.97	1.00	0.04
4.42	75.06	0.43	4.26	1.00	0.04	4.43	80.78	0.46	3.97	1.00	0.04
4.44	82.52	0.46	3.89	1.00	0.04	4.45	88.86	0.50	3.62	1.00	0.04
4.46	89.47	0.50	3.59	1.00	0.04	4.47	90.96	0.51	3.54	1.00	0.04
4.48	92.06	0.51	3.49	1.00	0.03	4.49	92.90	0.52	3.46	1.00	0.03
4.50	93.88	0.52	3.43	1.00	0.03	4.51	94.39	0.53	3.41	1.00	0.03
4.52	94.66	0.53	3.40	1.00	0.03	4.53	95.85	0.53	3.35	1.00	0.03
4.54	94.46	0.53	3.40	1.00	0.03	4.55	94.60	0.53	3.40	1.00	0.03
4.56	94.32	0.52	3.41	1.00	0.03	4.57	94.03	0.52	3.42	1.00	0.03
4.58	93.13	0.52	3.45	1.00	0.03	4.59	91.80	0.51	3.50	1.00	0.04
4.60	90.93	0.50	3.54	1.00	0.04	4.61	91.18	0.50	3.53	1.00	0.04
4.62	91.01	0.50	3.53	1.00	0.04	4.63	90.65	0.50	3.55	1.00	0.04
4.64	87.68	0.48	3.67	1.00	0.04	4.65	86.48	0.48	3.72	1.00	0.04
4.66	84.42	0.47	3.81	1.00	0.04	4.67	83.19	0.46	3.86	1.00	0.04
4.68	82.70	0.46	3.88	1.00	0.04	4.69	81.92	0.46	3.92	1.00	0.04
4.70	79.35	0.44	4.04	1.00	0.04	4.71	77.30	0.43	4.14	1.00	0.04
4.72	76.67	0.43	4.18	1.00	0.04	4.73	78.65	0.44	4.07	1.00	0.04
4.74	79.99	0.45	4.01	1.00	0.04	4.75	81.01	0.45	3.96	1.00	0.04
4.76	81.93	0.45	3.92	1.00	0.04	4.77	82.50	0.46	3.89	1.00	0.04
4.78	83.00	0.46	3.87	1.00	0.04	4.79	83.03	0.46	3.87	1.00	0.04
4.80	79.89	0.44	4.01	1.00	0.04	4.81	81.70	0.45	3.93	1.00	0.04
4.82	81.53	0.45	3.94	1.00	0.04	4.83	80.34	0.45	3.99	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	80.28	0.45	4.00	1.00	0.04	4.85	78.86	0.44	4.06	1.00	0.04
4.86	77.50	0.43	4.13	1.00	0.04	4.87	75.57	0.42	4.23	1.00	0.04
4.88	74.95	0.42	4.27	1.00	0.04	4.89	71.97	0.41	4.43	1.00	0.04
4.90	74.57	0.42	4.29	1.00	0.04	4.91	72.64	0.41	4.39	1.00	0.04
4.92	76.66	0.43	4.18	1.00	0.04	4.93	77.42	0.43	4.14	1.00	0.04
4.94	79.59	0.44	4.03	1.00	0.04	4.95	81.47	0.45	3.94	1.00	0.04
4.96	83.27	0.46	3.86	1.00	0.04	4.97	84.60	0.46	3.80	1.00	0.04
4.98	85.82	0.47	3.74	1.00	0.04	4.99	87.51	0.48	3.67	1.00	0.04
5.00	87.83	0.48	3.66	1.00	0.04	5.01	84.82	0.46	3.79	1.00	0.04
5.02	83.48	0.46	3.85	1.00	0.04	5.03	78.16	0.43	4.10	1.00	0.04
5.04	78.35	0.43	4.09	1.00	0.04	5.05	77.28	0.43	4.14	1.00	0.04
5.06	77.26	0.43	4.15	1.00	0.04	5.07	76.95	0.43	4.16	1.00	0.04
5.08	76.62	0.43	4.18	1.00	0.04	5.09	75.75	0.42	4.22	1.00	0.04
5.10	74.67	0.42	4.28	1.00	0.04	5.11	74.82	0.42	4.27	1.00	0.04
5.12	77.34	0.43	4.14	1.00	0.04	5.13	80.92	0.44	3.97	1.00	0.04
5.14	85.17	0.46	3.77	1.00	0.04	5.15	85.68	0.47	3.75	1.00	0.04
5.16	86.38	0.47	3.72	1.00	0.04	5.17	86.26	0.47	3.73	1.00	0.04
5.18	86.19	0.47	3.73	1.00	0.04	5.19	86.37	0.47	3.72	1.00	0.04
5.20	85.06	0.46	3.78	1.00	0.04	5.21	85.57	0.46	3.76	1.00	0.04
5.22	82.26	0.45	3.90	1.00	0.04	5.23	82.17	0.45	3.91	1.00	0.04
5.24	80.86	0.44	3.97	1.00	0.04	5.25	80.28	0.44	4.00	1.00	0.04
5.26	79.00	0.43	4.06	1.00	0.04	5.27	77.12	0.43	4.15	1.00	0.04
5.28	75.40	0.42	4.24	1.00	0.04	5.29	73.77	0.41	4.33	1.00	0.04
5.30	72.77	0.41	4.39	1.00	0.04	5.31	72.66	0.41	4.39	1.00	0.04
5.32	71.76	0.40	4.44	1.00	0.04	5.33	71.57	0.40	4.46	1.00	0.04
5.34	71.34	0.40	4.47	1.00	0.04	5.35	70.93	0.40	4.49	1.00	0.04
5.36	71.19	0.40	4.48	1.00	0.04	5.37	70.89	0.40	4.50	1.00	0.04
5.38	70.75	0.40	4.50	1.00	0.05	5.39	70.48	0.40	4.52	1.00	0.05
5.40	71.62	0.40	4.45	1.00	0.04	5.41	72.66	0.41	4.39	1.00	0.04
5.42	70.79	0.40	4.50	1.00	0.05	5.43	73.02	0.41	4.37	1.00	0.04
5.44	73.46	0.41	4.35	1.00	0.04	5.45	75.40	0.42	4.24	1.00	0.04
5.46	76.72	0.42	4.17	1.00	0.04	5.47	77.93	0.43	4.11	1.00	0.04
5.48	82.47	0.45	3.89	1.00	0.04	5.49	81.17	0.44	3.95	1.00	0.04
5.50	83.74	0.45	3.84	1.00	0.04	5.51	79.10	0.43	4.05	1.00	0.04
5.52	81.89	0.44	3.92	1.00	0.04	5.53	80.70	0.44	3.98	1.00	0.04
5.54	81.19	0.44	3.95	1.00	0.04	5.55	81.44	0.44	3.94	1.00	0.04
5.56	82.44	0.44	3.89	1.00	0.04	5.57	84.83	0.46	3.79	1.00	0.04
5.58	86.01	0.46	3.74	1.00	0.04	5.59	89.84	0.48	3.58	1.00	0.04
5.60	91.40	0.49	3.52	1.00	0.04	5.61	95.75	0.51	3.36	1.00	0.03
5.62	94.05	0.50	3.42	1.00	0.03	5.63	95.04	0.51	3.38	1.00	0.03
5.64	95.21	0.51	3.38	1.00	0.03	5.65	95.09	0.51	3.38	1.00	0.03
5.66	94.83	0.51	3.39	1.00	0.03	5.67	94.42	0.51	3.41	1.00	0.03
5.68	95.27	0.51	3.38	1.00	0.03	5.69	94.02	0.50	3.42	1.00	0.03
5.70	91.53	0.49	3.51	1.00	0.04	5.71	90.48	0.48	3.55	1.00	0.04
5.72	88.33	0.47	3.64	1.00	0.04	5.73	86.18	0.46	3.73	1.00	0.04
5.74	85.20	0.46	3.77	1.00	0.04	5.75	84.02	0.45	3.82	1.00	0.04
5.76	83.31	0.45	3.85	1.00	0.04	5.77	82.63	0.44	3.89	1.00	0.04
5.78	80.19	0.43	4.00	1.00	0.04	5.79	80.60	0.43	3.98	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	77.94	0.42	4.11	1.00	0.04	5.81	78.86	0.43	4.06	1.00	0.04
5.82	77.23	0.42	4.15	1.00	0.04	5.83	76.22	0.42	4.20	1.00	0.04
5.84	75.27	0.41	4.25	1.00	0.04	5.85	75.25	0.41	4.25	1.00	0.04
5.86	75.39	0.41	4.24	1.00	0.04	5.87	75.87	0.41	4.22	1.00	0.04
5.88	20.39	2.00	0.00	1.00	0.00	5.89	78.48	0.42	4.08	1.00	0.04
5.90	84.71	0.45	3.79	1.00	0.04	5.91	83.94	0.45	3.83	1.00	0.04
5.92	87.49	0.47	3.67	1.00	0.04	5.93	89.37	0.47	3.60	1.00	0.04
5.94	89.61	0.48	3.59	1.00	0.04	5.95	88.15	0.47	3.65	1.00	0.04
5.96	21.30	2.00	0.00	1.00	0.00	5.97	18.85	2.00	0.00	1.00	0.00
5.98	21.45	2.00	0.00	1.00	0.00	5.99	21.46	2.00	0.00	1.00	0.00
6.00	83.49	0.45	3.85	1.00	0.04	6.01	88.95	0.47	3.61	1.00	0.04
6.02	93.76	0.50	3.43	1.00	0.03	6.03	95.18	0.51	3.38	1.00	0.03
6.04	91.51	0.49	3.51	1.00	0.04	6.05	96.10	0.51	3.35	1.00	0.03
6.06	94.53	0.50	3.40	1.00	0.03	6.07	93.26	0.49	3.45	1.00	0.03
6.08	91.39	0.48	3.52	1.00	0.04	6.09	89.00	0.47	3.61	1.00	0.04
6.10	84.91	0.45	3.78	1.00	0.04	6.11	81.32	0.44	3.95	1.00	0.04
6.12	77.61	0.42	4.13	1.00	0.04	6.13	78.22	0.42	4.10	1.00	0.04
6.14	77.07	0.42	4.15	1.00	0.04	6.15	76.62	0.42	4.18	1.00	0.04
6.16	74.68	0.41	4.28	1.00	0.04	6.17	73.21	0.40	4.36	1.00	0.04
6.18	73.96	0.41	4.32	1.00	0.04	6.19	77.07	0.42	4.16	1.00	0.04
6.20	77.99	0.42	4.11	1.00	0.04	6.21	77.84	0.42	4.12	1.00	0.04
6.22	78.17	0.42	4.10	1.00	0.04	6.23	76.89	0.42	4.16	1.00	0.04
6.24	75.11	0.41	4.26	1.00	0.04	6.25	74.40	0.41	4.30	1.00	0.04
6.26	74.30	0.41	4.30	1.00	0.04	6.27	74.86	0.41	4.27	1.00	0.04
6.28	72.42	0.40	4.41	1.00	0.04	6.29	73.59	0.40	4.34	1.00	0.04
6.30	73.66	0.40	4.34	1.00	0.04	6.31	75.87	0.41	4.22	1.00	0.04
6.32	76.66	0.41	4.18	1.00	0.04	6.33	78.01	0.42	4.11	1.00	0.04
6.34	79.77	0.43	4.02	1.00	0.04	6.35	81.60	0.44	3.93	1.00	0.04
6.36	84.56	0.45	3.80	1.00	0.04	6.37	88.72	0.47	3.62	1.00	0.04
6.38	91.21	0.48	3.53	1.00	0.04	6.39	93.55	0.49	3.44	1.00	0.03
6.40	93.20	0.49	3.45	1.00	0.03	6.41	93.10	0.49	3.45	1.00	0.03
6.42	93.06	0.49	3.46	1.00	0.03	6.43	92.88	0.49	3.46	1.00	0.03
6.44	93.59	0.49	3.44	1.00	0.03	6.45	94.32	0.50	3.41	1.00	0.03
6.46	92.65	0.49	3.47	1.00	0.03	6.47	92.24	0.49	3.49	1.00	0.03
6.48	89.09	0.47	3.61	1.00	0.04	6.49	89.43	0.47	3.60	1.00	0.04
6.50	88.23	0.47	3.64	1.00	0.04	6.51	86.83	0.46	3.70	1.00	0.04
6.52	85.07	0.45	3.78	1.00	0.04	6.53	82.76	0.44	3.88	1.00	0.04
6.54	81.10	0.43	3.96	1.00	0.04	6.55	79.84	0.43	4.02	1.00	0.04
6.56	79.24	0.42	4.05	1.00	0.04	6.57	79.57	0.43	4.03	1.00	0.04
6.58	80.86	0.43	3.97	1.00	0.04	6.59	82.52	0.44	3.89	1.00	0.04
6.60	84.15	0.45	3.82	1.00	0.04	6.61	85.90	0.45	3.74	1.00	0.04
6.62	87.92	0.46	3.66	1.00	0.04	6.63	89.04	0.47	3.61	1.00	0.04
6.64	89.96	0.47	3.57	1.00	0.04	6.65	89.81	0.47	3.58	1.00	0.04
6.66	89.07	0.47	3.61	1.00	0.04	6.67	87.98	0.46	3.65	1.00	0.04
6.68	85.53	0.45	3.76	1.00	0.04	6.69	83.71	0.44	3.84	1.00	0.04
6.70	80.97	0.43	3.96	1.00	0.04	6.71	79.86	0.43	4.02	1.00	0.04
6.72	80.35	0.43	3.99	1.00	0.04	6.73	81.59	0.43	3.93	1.00	0.04
6.74	82.96	0.44	3.87	1.00	0.04	6.75	84.10	0.44	3.82	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	84.51	0.45	3.80	1.00	0.04	6.77	84.53	0.45	3.80	1.00	0.04
6.78	83.74	0.44	3.84	1.00	0.04	6.79	82.79	0.44	3.88	1.00	0.04
6.80	81.48	0.43	3.94	1.00	0.04	6.81	79.48	0.42	4.03	1.00	0.04
6.82	78.58	0.42	4.08	1.00	0.04	6.83	77.06	0.41	4.16	1.00	0.04
6.84	79.42	0.42	4.04	1.00	0.04	6.85	78.58	0.42	4.08	1.00	0.04
6.86	80.94	0.43	3.96	1.00	0.04	6.87	80.07	0.43	4.01	1.00	0.04
6.88	80.16	0.43	4.00	1.00	0.04	6.89	79.94	0.43	4.01	1.00	0.04
6.90	79.65	0.42	4.03	1.00	0.04	6.91	76.94	0.41	4.16	1.00	0.04
6.92	76.27	0.41	4.20	1.00	0.04	6.93	74.35	0.40	4.30	1.00	0.04
6.94	75.14	0.41	4.26	1.00	0.04	6.95	75.15	0.41	4.26	1.00	0.04
6.96	75.23	0.41	4.25	1.00	0.04	6.97	75.67	0.41	4.23	1.00	0.04
6.98	75.33	0.41	4.25	1.00	0.04	6.99	74.91	0.40	4.27	1.00	0.04
7.00	17.89	2.00	0.00	1.00	0.00	7.01	16.72	2.00	0.00	1.00	0.00
7.02	14.21	2.00	0.00	1.00	0.00	7.03	14.44	2.00	0.00	1.00	0.00
7.04	14.43	2.00	0.00	1.00	0.00	7.05	14.49	2.00	0.00	1.00	0.00
7.06	14.11	2.00	0.00	1.00	0.00	7.07	13.79	2.00	0.00	1.00	0.00
7.08	13.48	2.00	0.00	1.00	0.00	7.09	13.23	2.00	0.00	1.00	0.00
7.10	12.73	2.00	0.00	1.00	0.00	7.11	12.60	2.00	0.00	1.00	0.00
7.12	12.66	2.00	0.00	1.00	0.00	7.13	12.65	2.00	0.00	1.00	0.00
7.14	12.83	2.00	0.00	1.00	0.00	7.15	13.12	2.00	0.00	1.00	0.00
7.16	13.41	2.00	0.00	1.00	0.00	7.17	13.84	2.00	0.00	1.00	0.00
7.18	14.38	2.00	0.00	1.00	0.00	7.19	15.39	2.00	0.00	1.00	0.00
7.20	15.80	2.00	0.00	1.00	0.00	7.21	17.70	2.00	0.00	1.00	0.00
7.22	17.70	2.00	0.00	1.00	0.00	7.23	76.97	0.41	4.16	1.00	0.04
7.24	80.38	0.43	3.99	1.00	0.04	7.25	84.84	0.45	3.79	1.00	0.04
7.26	88.17	0.46	3.65	1.00	0.04	7.27	96.17	0.50	3.34	1.00	0.03
7.28	94.87	0.50	3.39	1.00	0.03	7.29	96.28	0.50	3.34	1.00	0.03
7.30	94.78	0.50	3.39	1.00	0.03	7.31	95.12	0.50	3.38	1.00	0.03
7.32	94.96	0.50	3.39	1.00	0.03	7.33	94.59	0.49	3.40	1.00	0.03
7.34	94.20	0.49	3.41	1.00	0.03	7.35	93.50	0.49	3.44	1.00	0.03
7.36	93.65	0.49	3.43	1.00	0.03	7.37	92.71	0.48	3.47	1.00	0.03
7.38	92.42	0.48	3.48	1.00	0.03	7.39	91.22	0.48	3.53	1.00	0.04
7.40	90.23	0.47	3.56	1.00	0.04	7.41	88.64	0.46	3.63	1.00	0.04
7.42	87.19	0.46	3.69	1.00	0.04	7.43	85.07	0.45	3.78	1.00	0.04
7.44	84.84	0.45	3.79	1.00	0.04	7.45	81.47	0.43	3.94	1.00	0.04
7.46	81.37	0.43	3.94	1.00	0.04	7.47	78.88	0.42	4.06	1.00	0.04
7.48	79.17	0.42	4.05	1.00	0.04	7.49	79.12	0.42	4.05	1.00	0.04
7.50	79.35	0.42	4.04	1.00	0.04	7.51	79.78	0.42	4.02	1.00	0.04
7.52	80.02	0.42	4.01	1.00	0.04	7.53	80.83	0.43	3.97	1.00	0.04
7.54	82.00	0.43	3.91	1.00	0.04	7.55	82.31	0.43	3.90	1.00	0.04
7.56	82.67	0.44	3.88	1.00	0.04	7.57	83.16	0.44	3.86	1.00	0.04
7.58	83.79	0.44	3.83	1.00	0.04	7.59	84.98	0.45	3.78	1.00	0.04
7.60	84.70	0.44	3.79	1.00	0.04	7.61	87.15	0.46	3.69	1.00	0.04
7.62	88.53	0.46	3.63	1.00	0.04	7.63	92.07	0.48	3.49	1.00	0.03
7.64	92.82	0.48	3.46	1.00	0.03	7.65	93.24	0.49	3.45	1.00	0.03
7.66	93.33	0.49	3.45	1.00	0.03	7.67	93.07	0.49	3.46	1.00	0.03
7.68	92.59	0.48	3.47	1.00	0.03	7.69	91.28	0.48	3.52	1.00	0.04
7.70	90.90	0.47	3.54	1.00	0.04	7.71	90.21	0.47	3.56	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	89.14	0.47	3.61	1.00	0.04	7.73	90.44	0.47	3.56	1.00	0.04
7.74	90.44	0.47	3.56	1.00	0.04	7.75	91.17	0.48	3.53	1.00	0.04
7.76	91.98	0.48	3.50	1.00	0.03	7.77	92.29	0.48	3.48	1.00	0.03
7.78	92.54	0.48	3.47	1.00	0.03	7.79	92.42	0.48	3.48	1.00	0.03
7.80	91.69	0.48	3.51	1.00	0.04	7.81	91.23	0.48	3.52	1.00	0.04
7.82	91.36	0.48	3.52	1.00	0.04	7.83	90.36	0.47	3.56	1.00	0.04
7.84	90.01	0.47	3.57	1.00	0.04	7.85	89.27	0.47	3.60	1.00	0.04
7.86	88.42	0.46	3.64	1.00	0.04	7.87	87.22	0.46	3.69	1.00	0.04
7.88	86.37	0.45	3.72	1.00	0.04	7.89	84.87	0.45	3.79	1.00	0.04
7.90	85.35	0.45	3.76	1.00	0.04	7.91	84.04	0.44	3.82	1.00	0.04
7.92	86.28	0.45	3.72	1.00	0.04	7.93	86.02	0.45	3.74	1.00	0.04
7.94	86.22	0.45	3.73	1.00	0.04	7.95	86.51	0.45	3.72	1.00	0.04
7.96	86.54	0.45	3.71	1.00	0.04	7.97	86.22	0.45	3.73	1.00	0.04
7.98	85.63	0.45	3.75	1.00	0.04	7.99	86.10	0.45	3.73	1.00	0.04
8.00	85.07	0.45	3.78	1.00	0.04	8.01	86.95	0.46	3.70	1.00	0.04
8.02	85.85	0.45	3.74	1.00	0.04	8.03	79.48	0.42	4.03	1.00	0.04
8.04	78.29	0.42	4.09	1.00	0.04	8.05	79.45	0.42	4.04	1.00	0.04
8.06	80.02	0.42	4.01	1.00	0.04	8.07	81.47	0.43	3.94	1.00	0.04
8.08	82.60	0.44	3.89	1.00	0.04	8.09	84.44	0.44	3.80	1.00	0.04
8.10	84.29	0.44	3.81	1.00	0.04	8.11	85.66	0.45	3.75	1.00	0.04
8.12	84.97	0.45	3.78	1.00	0.04	8.13	85.91	0.45	3.74	1.00	0.04
8.14	85.48	0.45	3.76	1.00	0.04	8.15	85.16	0.45	3.77	1.00	0.04
8.16	85.21	0.45	3.77	1.00	0.04	8.17	85.39	0.45	3.76	1.00	0.04
8.18	85.50	0.45	3.76	1.00	0.04	8.19	85.79	0.45	3.75	1.00	0.04
8.20	86.01	0.45	3.74	1.00	0.04	8.21	85.61	0.45	3.75	1.00	0.04
8.22	85.93	0.45	3.74	1.00	0.04	8.23	85.78	0.45	3.75	1.00	0.04
8.24	85.53	0.45	3.76	1.00	0.04	8.25	85.63	0.45	3.75	1.00	0.04
8.26	85.63	0.45	3.75	1.00	0.04	8.27	85.21	0.45	3.77	1.00	0.04
8.28	86.01	0.45	3.74	1.00	0.04	8.29	85.09	0.45	3.78	1.00	0.04
8.30	85.54	0.45	3.76	1.00	0.04	8.31	85.96	0.45	3.74	1.00	0.04
8.32	86.70	0.45	3.71	1.00	0.04	8.33	87.48	0.46	3.67	1.00	0.04
8.34	90.93	0.47	3.54	1.00	0.04	8.35	92.33	0.48	3.48	1.00	0.03
8.36	98.01	0.51	3.28	1.00	0.03	8.37	96.67	0.51	3.33	1.00	0.03
8.38	98.99	0.52	3.25	1.00	0.03	8.39	99.92	0.53	3.22	1.00	0.03
8.40	100.33	0.53	3.20	1.00	0.03	8.41	98.62	0.52	3.26	1.00	0.03
8.42	99.54	0.52	3.23	1.00	0.03	8.43	90.10	0.47	3.57	1.00	0.04
8.44	87.79	0.46	3.66	1.00	0.04	8.45	80.45	0.43	3.99	1.00	0.04
8.46	82.25	0.43	3.90	1.00	0.04	8.47	84.85	0.45	3.79	1.00	0.04
8.48	87.35	0.46	3.68	1.00	0.04	8.49	89.93	0.47	3.58	1.00	0.04
8.50	93.64	0.49	3.43	1.00	0.03	8.51	95.20	0.50	3.38	1.00	0.03
8.52	97.80	0.51	3.29	1.00	0.03	8.53	97.75	0.51	3.29	1.00	0.03
8.54	99.16	0.52	3.24	1.00	0.03	8.55	100.58	0.53	3.19	1.00	0.03
8.56	101.74	0.54	3.16	1.00	0.03	8.57	102.90	0.55	3.12	1.00	0.03
8.58	104.04	0.56	3.08	1.00	0.03	8.59	104.28	0.56	3.08	1.00	0.03
8.60	103.09	0.55	3.11	1.00	0.03	8.61	103.04	0.55	3.12	1.00	0.03
8.62	101.13	0.54	3.18	1.00	0.03	8.63	98.91	0.52	3.25	1.00	0.03
8.64	95.88	0.50	3.35	1.00	0.03	8.65	91.77	0.48	3.50	1.00	0.04
8.66	90.65	0.47	3.55	1.00	0.04	8.67	93.12	0.49	3.45	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	105.62	0.57	3.04	1.00	0.03	8.69	95.70	0.50	3.36	1.00	0.03
8.70	101.52	0.54	3.16	1.00	0.03	8.71	95.74	0.50	3.36	1.00	0.03
8.72	92.86	0.49	3.46	1.00	0.03	8.73	89.31	0.47	3.60	1.00	0.04
8.74	27.57	2.00	0.00	1.00	0.00	8.75	25.45	2.00	0.00	1.00	0.00
8.76	21.39	2.00	0.00	1.00	0.00	8.77	19.59	2.00	0.00	1.00	0.00
8.78	17.62	2.00	0.00	1.00	0.00	8.79	17.61	2.00	0.00	1.00	0.00
8.80	16.79	2.00	0.00	1.00	0.00	8.81	16.29	2.00	0.00	1.00	0.00
8.82	15.53	2.00	0.00	1.00	0.00	8.83	14.92	2.00	0.00	1.00	0.00
8.84	14.53	2.00	0.00	1.00	0.00	8.85	14.36	2.00	0.00	1.00	0.00
8.86	14.02	2.00	0.00	1.00	0.00	8.87	12.76	2.00	0.00	1.00	0.00
8.88	12.75	2.00	0.00	1.00	0.00	8.89	12.48	2.00	0.00	1.00	0.00
8.90	12.20	2.00	0.00	1.00	0.00	8.91	11.91	2.00	0.00	1.00	0.00
8.92	11.64	2.00	0.00	1.00	0.00	8.93	11.58	2.00	0.00	1.00	0.00
8.94	11.46	2.00	0.00	1.00	0.00	8.95	11.29	2.00	0.00	1.00	0.00
8.96	11.24	2.00	0.00	1.00	0.00	8.97	11.17	2.00	0.00	1.00	0.00
8.98	11.17	2.00	0.00	1.00	0.00	8.99	11.16	2.00	0.00	1.00	0.00
9.00	11.26	2.00	0.00	1.00	0.00	9.01	11.42	2.00	0.00	1.00	0.00
9.02	11.57	2.00	0.00	1.00	0.00	9.03	12.00	2.00	0.00	1.00	0.00
9.04	11.99	2.00	0.00	1.00	0.00	9.05	12.20	2.00	0.00	1.00	0.00
9.06	12.36	2.00	0.00	1.00	0.00	9.07	12.46	2.00	0.00	1.00	0.00
9.08	12.40	2.00	0.00	1.00	0.00	9.09	12.40	2.00	0.00	1.00	0.00
9.10	12.43	2.00	0.00	1.00	0.00	9.11	12.54	2.00	0.00	1.00	0.00
9.12	12.85	2.00	0.00	1.00	0.00	9.13	13.00	2.00	0.00	1.00	0.00
9.14	13.16	2.00	0.00	1.00	0.00	9.15	13.15	2.00	0.00	1.00	0.00
9.16	13.30	2.00	0.00	1.00	0.00	9.17	13.41	2.00	0.00	1.00	0.00
9.18	13.50	2.00	0.00	1.00	0.00	9.19	13.72	2.00	0.00	1.00	0.00
9.20	13.86	2.00	0.00	1.00	0.00	9.21	14.33	2.00	0.00	1.00	0.00
9.22	14.32	2.00	0.00	1.00	0.00	9.23	14.53	2.00	0.00	1.00	0.00
9.24	14.68	2.00	0.00	1.00	0.00	9.25	14.67	2.00	0.00	1.00	0.00
9.26	14.83	2.00	0.00	1.00	0.00	9.27	15.08	2.00	0.00	1.00	0.00
9.28	15.23	2.00	0.00	1.00	0.00	9.29	15.16	2.00	0.00	1.00	0.00
9.30	15.16	2.00	0.00	1.00	0.00	9.31	14.94	2.00	0.00	1.00	0.00
9.32	14.82	2.00	0.00	1.00	0.00	9.33	14.81	2.00	0.00	1.00	0.00
9.34	14.80	2.00	0.00	1.00	0.00	9.35	14.69	2.00	0.00	1.00	0.00
9.36	14.68	2.00	0.00	1.00	0.00	9.37	14.83	2.00	0.00	1.00	0.00
9.38	15.20	2.00	0.00	1.00	0.00	9.39	15.19	2.00	0.00	1.00	0.00
9.40	15.28	2.00	0.00	1.00	0.00	9.41	15.27	2.00	0.00	1.00	0.00
9.42	15.32	2.00	0.00	1.00	0.00	9.43	15.10	2.00	0.00	1.00	0.00
9.44	15.03	2.00	0.00	1.00	0.00	9.45	15.13	2.00	0.00	1.00	0.00
9.46	15.12	2.00	0.00	1.00	0.00	9.47	15.12	2.00	0.00	1.00	0.00
9.48	15.05	2.00	0.00	1.00	0.00	9.49	14.88	2.00	0.00	1.00	0.00
9.50	14.72	2.00	0.00	1.00	0.00	9.51	14.65	2.00	0.00	1.00	0.00
9.52	14.02	2.00	0.00	1.00	0.00	9.53	13.86	2.00	0.00	1.00	0.00
9.54	13.64	2.00	0.00	1.00	0.00	9.55	13.63	2.00	0.00	1.00	0.00
9.56	13.72	2.00	0.00	1.00	0.00	9.57	13.71	2.00	0.00	1.00	0.00
9.58	13.92	2.00	0.00	1.00	0.00	9.59	13.97	2.00	0.00	1.00	0.00
9.60	13.75	2.00	0.00	1.00	0.00	9.61	13.22	2.00	0.00	1.00	0.00
9.62	13.06	2.00	0.00	1.00	0.00	9.63	12.68	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.67	2.00	0.00	1.00	0.00	9.65	12.56	2.00	0.00	1.00	0.00
9.66	12.50	2.00	0.00	1.00	0.00	9.67	12.59	2.00	0.00	1.00	0.00
9.68	12.70	2.00	0.00	1.00	0.00	9.69	12.73	2.00	0.00	1.00	0.00
9.70	12.37	2.00	0.00	1.00	0.00	9.71	12.41	2.00	0.00	1.00	0.00
9.72	12.35	2.00	0.00	1.00	0.00	9.73	12.35	2.00	0.00	1.00	0.00
9.74	12.34	2.00	0.00	1.00	0.00	9.75	12.49	2.00	0.00	1.00	0.00
9.76	12.53	2.00	0.00	1.00	0.00	9.77	12.52	2.00	0.00	1.00	0.00
9.78	12.26	2.00	0.00	1.00	0.00	9.79	11.99	2.00	0.00	1.00	0.00
9.80	12.04	2.00	0.00	1.00	0.00	9.81	12.55	2.00	0.00	1.00	0.00
9.82	12.54	2.00	0.00	1.00	0.00	9.83	12.75	2.00	0.00	1.00	0.00
9.84	12.74	2.00	0.00	1.00	0.00	9.85	12.73	2.00	0.00	1.00	0.00
9.86	12.57	2.00	0.00	1.00	0.00	9.87	12.51	2.00	0.00	1.00	0.00
9.88	11.93	2.00	0.00	1.00	0.00	9.89	11.77	2.00	0.00	1.00	0.00
9.90	11.56	2.00	0.00	1.00	0.00	9.91	11.55	2.00	0.00	1.00	0.00
9.92	11.34	2.00	0.00	1.00	0.00	9.93	11.08	2.00	0.00	1.00	0.00
9.94	10.97	2.00	0.00	1.00	0.00	9.95	10.92	2.00	0.00	1.00	0.00
9.96	10.91	2.00	0.00	1.00	0.00	9.97	10.90	2.00	0.00	1.00	0.00
9.98	10.84	2.00	0.00	1.00	0.00	9.99	10.74	2.00	0.00	1.00	0.00
10.00	10.73	2.00	0.00	1.00	0.00	10.01	10.67	2.00	0.00	1.00	0.00
10.02	10.61	2.00	0.00	1.00	0.00	10.03	10.60	2.00	0.00	1.00	0.00
10.04	10.65	2.00	0.00	1.00	0.00	10.05	10.65	2.00	0.00	1.00	0.00
10.06	10.58	2.00	0.00	1.00	0.00	10.07	10.48	2.00	0.00	1.00	0.00
10.08	10.27	2.00	0.00	1.00	0.00	10.09	10.26	2.00	0.00	1.00	0.00
10.10	10.15	2.00	0.00	1.00	0.00	10.11	10.05	2.00	0.00	1.00	0.00
10.12	10.05	2.00	0.00	1.00	0.00	10.13	10.08	2.00	0.00	1.00	0.00
10.14	10.03	2.00	0.00	1.00	0.00	10.15	9.97	2.00	0.00	1.00	0.00
10.16	9.97	2.00	0.00	1.00	0.00	10.17	9.96	2.00	0.00	1.00	0.00
10.18	10.01	2.00	0.00	1.00	0.00	10.19	10.01	2.00	0.00	1.00	0.00
10.20	9.95	2.00	0.00	1.00	0.00	10.21	9.90	2.00	0.00	1.00	0.00
10.22	9.69	2.00	0.00	1.00	0.00	10.23	9.68	2.00	0.00	1.00	0.00
10.24	9.62	2.00	0.00	1.00	0.00	10.25	9.62	2.00	0.00	1.00	0.00
10.26	9.51	2.00	0.00	1.00	0.00	10.27	9.45	2.00	0.00	1.00	0.00
10.28	9.45	2.00	0.00	1.00	0.00	10.29	9.50	2.00	0.00	1.00	0.00
10.30	9.55	2.00	0.00	1.00	0.00	10.31	9.59	2.00	0.00	1.00	0.00
10.32	9.69	2.00	0.00	1.00	0.00	10.33	9.69	2.00	0.00	1.00	0.00
10.34	9.53	2.00	0.00	1.00	0.00	10.35	9.37	2.00	0.00	1.00	0.00
10.36	9.21	2.00	0.00	1.00	0.00	10.37	9.10	2.00	0.00	1.00	0.00
10.38	8.94	2.00	0.00	1.00	0.00	10.39	8.90	2.00	0.00	1.00	0.00
10.40	8.74	2.00	0.00	1.00	0.00	10.41	8.73	2.00	0.00	1.00	0.00
10.42	8.73	2.00	0.00	1.00	0.00	10.43	8.73	2.00	0.00	1.00	0.00
10.44	8.62	2.00	0.00	1.00	0.00	10.45	8.62	2.00	0.00	1.00	0.00
10.46	8.51	2.00	0.00	1.00	0.00	10.47	8.56	2.00	0.00	1.00	0.00
10.48	8.61	2.00	0.00	1.00	0.00	10.49	8.60	2.00	0.00	1.00	0.00
10.50	8.79	2.00	0.00	1.00	0.00	10.51	8.94	2.00	0.00	1.00	0.00
10.52	9.03	2.00	0.00	1.00	0.00	10.53	9.18	2.00	0.00	1.00	0.00
10.54	9.38	2.00	0.00	1.00	0.00	10.55	9.87	2.00	0.00	1.00	0.00
10.56	10.12	2.00	0.00	1.00	0.00	10.57	10.61	2.00	0.00	1.00	0.00
10.58	10.61	2.00	0.00	1.00	0.00	10.59	10.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	11.10	2.00	0.00	1.00	0.00	10.61	11.25	2.00	0.00	1.00	0.00
10.62	11.34	2.00	0.00	1.00	0.00	10.63	11.63	2.00	0.00	1.00	0.00
10.64	11.78	2.00	0.00	1.00	0.00	10.65	12.02	2.00	0.00	1.00	0.00
10.66	12.01	2.00	0.00	1.00	0.00	10.67	11.85	2.00	0.00	1.00	0.00
10.68	11.85	2.00	0.00	1.00	0.00	10.69	11.84	2.00	0.00	1.00	0.00
10.70	11.84	2.00	0.00	1.00	0.00	10.71	11.83	2.00	0.00	1.00	0.00
10.72	11.67	2.00	0.00	1.00	0.00	10.73	11.67	2.00	0.00	1.00	0.00
10.74	11.66	2.00	0.00	1.00	0.00	10.75	11.71	2.00	0.00	1.00	0.00
10.76	11.61	2.00	0.00	1.00	0.00	10.77	11.45	2.00	0.00	1.00	0.00
10.78	11.30	2.00	0.00	1.00	0.00	10.79	11.29	2.00	0.00	1.00	0.00
10.80	11.33	2.00	0.00	1.00	0.00	10.81	11.43	2.00	0.00	1.00	0.00
10.82	11.47	2.00	0.00	1.00	0.00	10.83	11.46	2.00	0.00	1.00	0.00
10.84	11.66	2.00	0.00	1.00	0.00	10.85	11.95	2.00	0.00	1.00	0.00
10.86	12.24	2.00	0.00	1.00	0.00	10.87	12.42	2.00	0.00	1.00	0.00
10.88	12.57	2.00	0.00	1.00	0.00	10.89	12.61	2.00	0.00	1.00	0.00
10.90	12.94	2.00	0.00	1.00	0.00	10.91	12.94	2.00	0.00	1.00	0.00
10.92	13.08	2.00	0.00	1.00	0.00	10.93	13.03	2.00	0.00	1.00	0.00
10.94	12.92	2.00	0.00	1.00	0.00	10.95	12.76	2.00	0.00	1.00	0.00
10.96	12.07	2.00	0.00	1.00	0.00	10.97	11.88	2.00	0.00	1.00	0.00
10.98	11.62	2.00	0.00	1.00	0.00	10.99	11.61	2.00	0.00	1.00	0.00
11.00	11.37	2.00	0.00	1.00	0.00	11.01	11.36	2.00	0.00	1.00	0.00
11.02	11.35	2.00	0.00	1.00	0.00	11.03	11.11	2.00	0.00	1.00	0.00
11.04	10.47	2.00	0.00	1.00	0.00	11.05	10.47	2.00	0.00	1.00	0.00
11.06	10.26	2.00	0.00	1.00	0.00	11.07	10.11	2.00	0.00	1.00	0.00
11.08	9.90	2.00	0.00	1.00	0.00	11.09	9.51	2.00	0.00	1.00	0.00
11.10	8.82	2.00	0.00	1.00	0.00	11.11	8.72	2.00	0.00	1.00	0.00
11.12	8.67	2.00	0.00	1.00	0.00	11.13	8.66	2.00	0.00	1.00	0.00
11.14	8.66	2.00	0.00	1.00	0.00	11.15	8.60	2.00	0.00	1.00	0.00
11.16	8.60	2.00	0.00	1.00	0.00	11.17	8.65	2.00	0.00	1.00	0.00
11.18	8.70	2.00	0.00	1.00	0.00	11.19	8.79	2.00	0.00	1.00	0.00
11.20	9.08	2.00	0.00	1.00	0.00	11.21	9.07	2.00	0.00	1.00	0.00
11.22	9.12	2.00	0.00	1.00	0.00	11.23	9.16	2.00	0.00	1.00	0.00
11.24	9.26	2.00	0.00	1.00	0.00	11.25	9.44	2.00	0.00	1.00	0.00
11.26	10.07	2.00	0.00	1.00	0.00	11.27	10.50	2.00	0.00	1.00	0.00
11.28	10.98	2.00	0.00	1.00	0.00	11.29	10.98	2.00	0.00	1.00	0.00
11.30	11.36	2.00	0.00	1.00	0.00	11.31	11.70	2.00	0.00	1.00	0.00
11.32	11.98	2.00	0.00	1.00	0.00	11.33	12.36	2.00	0.00	1.00	0.00
11.34	12.54	2.00	0.00	1.00	0.00	11.35	12.64	2.00	0.00	1.00	0.00
11.36	12.63	2.00	0.00	1.00	0.00	11.37	12.43	2.00	0.00	1.00	0.00
11.38	12.04	2.00	0.00	1.00	0.00	11.39	11.60	2.00	0.00	1.00	0.00
11.40	11.36	2.00	0.00	1.00	0.00	11.41	11.01	2.00	0.00	1.00	0.00
11.42	10.62	2.00	0.00	1.00	0.00	11.43	9.89	2.00	0.00	1.00	0.00
11.44	9.89	2.00	0.00	1.00	0.00	11.45	9.70	2.00	0.00	1.00	0.00
11.46	9.44	2.00	0.00	1.00	0.00	11.47	9.06	2.00	0.00	1.00	0.00
11.48	8.76	2.00	0.00	1.00	0.00	11.49	8.43	2.00	0.00	1.00	0.00
11.50	8.37	2.00	0.00	1.00	0.00	11.51	8.33	2.00	0.00	1.00	0.00
11.52	8.32	2.00	0.00	1.00	0.00	11.53	8.32	2.00	0.00	1.00	0.00
11.54	8.31	2.00	0.00	1.00	0.00	11.55	8.31	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	8.26	2.00	0.00	1.00	0.00	11.57	8.63	2.00	0.00	1.00	0.00
11.58	8.82	2.00	0.00	1.00	0.00	11.59	9.53	2.00	0.00	1.00	0.00
11.60	9.52	2.00	0.00	1.00	0.00	11.61	10.15	2.00	0.00	1.00	0.00
11.62	10.47	2.00	0.00	1.00	0.00	11.63	10.52	2.00	0.00	1.00	0.00
11.64	10.56	2.00	0.00	1.00	0.00	11.65	10.89	2.00	0.00	1.00	0.00
11.66	10.88	2.00	0.00	1.00	0.00	11.67	10.69	2.00	0.00	1.00	0.00
11.68	10.69	2.00	0.00	1.00	0.00	11.69	10.73	2.00	0.00	1.00	0.00
11.70	10.86	2.00	0.00	1.00	0.00	11.71	10.96	2.00	0.00	1.00	0.00
11.72	10.81	2.00	0.00	1.00	0.00	11.73	10.61	2.00	0.00	1.00	0.00
11.74	10.56	2.00	0.00	1.00	0.00	11.75	10.37	2.00	0.00	1.00	0.00
11.76	10.37	2.00	0.00	1.00	0.00	11.77	10.17	2.00	0.00	1.00	0.00
11.78	10.07	2.00	0.00	1.00	0.00	11.79	10.02	2.00	0.00	1.00	0.00
11.80	10.01	2.00	0.00	1.00	0.00	11.81	10.06	2.00	0.00	1.00	0.00
11.82	9.91	2.00	0.00	1.00	0.00	11.83	9.71	2.00	0.00	1.00	0.00
11.84	9.71	2.00	0.00	1.00	0.00	11.85	9.56	2.00	0.00	1.00	0.00
11.86	9.75	2.00	0.00	1.00	0.00	11.87	9.75	2.00	0.00	1.00	0.00
11.88	9.46	2.00	0.00	1.00	0.00	11.89	9.31	2.00	0.00	1.00	0.00
11.90	9.36	2.00	0.00	1.00	0.00	11.91	9.35	2.00	0.00	1.00	0.00
11.92	9.63	2.00	0.00	1.00	0.00	11.93	9.95	2.00	0.00	1.00	0.00
11.94	10.09	2.00	0.00	1.00	0.00	11.95	10.18	2.00	0.00	1.00	0.00
11.96	10.51	2.00	0.00	1.00	0.00	11.97	10.84	2.00	0.00	1.00	0.00
11.98	11.58	2.00	0.00	1.00	0.00	11.99	11.57	2.00	0.00	1.00	0.00
12.00	10.63	2.00	0.00	1.00	0.00	12.01	10.63	2.00	0.00	1.00	0.00
12.02	12.83	2.00	0.00	1.00	0.00	12.03	13.10	2.00	0.00	1.00	0.00
12.04	13.37	2.00	0.00	1.00	0.00	12.05	13.65	2.00	0.00	1.00	0.00
12.06	13.93	2.00	0.00	1.00	0.00	12.07	13.87	2.00	0.00	1.00	0.00
12.08	13.54	2.00	0.00	1.00	0.00	12.09	13.11	2.00	0.00	1.00	0.00
12.10	12.88	2.00	0.00	1.00	0.00	12.11	12.87	2.00	0.00	1.00	0.00
12.12	12.81	2.00	0.00	1.00	0.00	12.13	12.72	2.00	0.00	1.00	0.00
12.14	12.34	2.00	0.00	1.00	0.00	12.15	12.09	2.00	0.00	1.00	0.00
12.16	12.09	2.00	0.00	1.00	0.00	12.17	12.08	2.00	0.00	1.00	0.00
12.18	12.04	2.00	0.00	1.00	0.00	12.19	12.12	2.00	0.00	1.00	0.00
12.20	12.16	2.00	0.00	1.00	0.00	12.21	12.02	2.00	0.00	1.00	0.00
12.22	12.19	2.00	0.00	1.00	0.00	12.23	12.24	2.00	0.00	1.00	0.00
12.24	12.23	2.00	0.00	1.00	0.00	12.25	12.18	2.00	0.00	1.00	0.00
12.26	12.03	2.00	0.00	1.00	0.00	12.27	11.89	2.00	0.00	1.00	0.00
12.28	11.98	2.00	0.00	1.00	0.00	12.29	12.01	2.00	0.00	1.00	0.00
12.30	11.87	2.00	0.00	1.00	0.00	12.31	11.86	2.00	0.00	1.00	0.00
12.32	11.82	2.00	0.00	1.00	0.00	12.33	11.67	2.00	0.00	1.00	0.00
12.34	11.62	2.00	0.00	1.00	0.00	12.35	11.52	2.00	0.00	1.00	0.00
12.36	11.57	2.00	0.00	1.00	0.00	12.37	11.70	2.00	0.00	1.00	0.00
12.38	11.69	2.00	0.00	1.00	0.00	12.39	11.78	2.00	0.00	1.00	0.00
12.40	12.09	2.00	0.00	1.00	0.00	12.41	12.18	2.00	0.00	1.00	0.00
12.42	12.36	2.00	0.00	1.00	0.00	12.43	12.96	2.00	0.00	1.00	0.00
12.44	16.22	2.00	0.00	1.00	0.00	12.45	16.21	2.00	0.00	1.00	0.00
12.46	17.95	2.00	0.00	1.00	0.00	12.47	19.41	2.00	0.00	1.00	0.00
12.48	19.87	2.00	0.00	1.00	0.00	12.49	19.58	2.00	0.00	1.00	0.00
12.50	16.63	2.00	0.00	1.00	0.00	12.51	15.25	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	12.99	2.00	0.00	1.00	0.00	12.53	12.99	2.00	0.00	1.00	0.00
12.54	12.15	2.00	0.00	1.00	0.00	12.55	11.55	2.00	0.00	1.00	0.00
12.56	11.05	2.00	0.00	1.00	0.00	12.57	10.77	2.00	0.00	1.00	0.00
12.58	10.62	2.00	0.00	1.00	0.00	12.59	10.98	2.00	0.00	1.00	0.00
12.60	11.44	2.00	0.00	1.00	0.00	12.61	11.44	2.00	0.00	1.00	0.00
12.62	11.33	2.00	0.00	1.00	0.00	12.63	11.24	2.00	0.00	1.00	0.00
12.64	11.56	2.00	0.00	1.00	0.00	12.65	10.50	2.00	0.00	1.00	0.00
12.66	10.50	2.00	0.00	1.00	0.00	12.67	10.26	2.00	0.00	1.00	0.00
12.68	10.12	2.00	0.00	1.00	0.00	12.69	10.07	2.00	0.00	1.00	0.00
12.70	10.02	2.00	0.00	1.00	0.00	12.71	10.16	2.00	0.00	1.00	0.00
12.72	10.43	2.00	0.00	1.00	0.00	12.73	10.70	2.00	0.00	1.00	0.00
12.74	10.78	2.00	0.00	1.00	0.00	12.75	10.86	2.00	0.00	1.00	0.00
12.76	10.86	2.00	0.00	1.00	0.00	12.77	10.81	2.00	0.00	1.00	0.00
12.78	10.95	2.00	0.00	1.00	0.00	12.79	11.17	2.00	0.00	1.00	0.00
12.80	11.16	2.00	0.00	1.00	0.00	12.81	11.16	2.00	0.00	1.00	0.00
12.82	11.24	2.00	0.00	1.00	0.00	12.83	11.24	2.00	0.00	1.00	0.00
12.84	11.14	2.00	0.00	1.00	0.00	12.85	11.14	2.00	0.00	1.00	0.00
12.86	11.08	2.00	0.00	1.00	0.00	12.87	11.04	2.00	0.00	1.00	0.00
12.88	11.04	2.00	0.00	1.00	0.00	12.89	11.17	2.00	0.00	1.00	0.00
12.90	11.25	2.00	0.00	1.00	0.00	12.91	11.25	2.00	0.00	1.00	0.00
12.92	11.19	2.00	0.00	1.00	0.00	12.93	11.10	2.00	0.00	1.00	0.00
12.94	11.14	2.00	0.00	1.00	0.00	12.95	11.36	2.00	0.00	1.00	0.00
12.96	11.45	2.00	0.00	1.00	0.00	12.97	11.40	2.00	0.00	1.00	0.00
12.98	11.40	2.00	0.00	1.00	0.00	12.99	11.26	2.00	0.00	1.00	0.00
13.00	11.02	2.00	0.00	1.00	0.00	13.01	11.01	2.00	0.00	1.00	0.00
13.02	10.74	2.00	0.00	1.00	0.00	13.03	11.05	2.00	0.00	1.00	0.00
13.04	11.00	2.00	0.00	1.00	0.00	13.05	10.86	2.00	0.00	1.00	0.00
13.06	10.68	2.00	0.00	1.00	0.00	13.07	10.68	2.00	0.00	1.00	0.00
13.08	10.62	2.00	0.00	1.00	0.00	13.09	10.57	2.00	0.00	1.00	0.00
13.10	10.48	2.00	0.00	1.00	0.00	13.11	10.47	2.00	0.00	1.00	0.00
13.12	10.33	2.00	0.00	1.00	0.00	13.13	10.33	2.00	0.00	1.00	0.00
13.14	10.33	2.00	0.00	1.00	0.00	13.15	10.42	2.00	0.00	1.00	0.00
13.16	10.54	2.00	0.00	1.00	0.00	13.17	10.80	2.00	0.00	1.00	0.00
13.18	10.90	2.00	0.00	1.00	0.00	13.19	11.20	2.00	0.00	1.00	0.00
13.20	11.19	2.00	0.00	1.00	0.00	13.21	11.32	2.00	0.00	1.00	0.00
13.22	11.54	2.00	0.00	1.00	0.00	13.23	11.63	2.00	0.00	1.00	0.00
13.24	11.89	2.00	0.00	1.00	0.00	13.25	12.20	2.00	0.00	1.00	0.00
13.26	12.78	2.00	0.00	1.00	0.00	13.27	12.77	2.00	0.00	1.00	0.00
13.28	13.07	2.00	0.00	1.00	0.00	13.29	13.38	2.00	0.00	1.00	0.00
13.30	13.68	2.00	0.00	1.00	0.00	13.31	13.95	2.00	0.00	1.00	0.00
13.32	14.29	2.00	0.00	1.00	0.00	13.33	14.29	2.00	0.00	1.00	0.00
13.34	14.46	2.00	0.00	1.00	0.00	13.35	14.86	2.00	0.00	1.00	0.00
13.36	14.54	2.00	0.00	1.00	0.00	13.37	14.36	2.00	0.00	1.00	0.00
13.38	13.95	2.00	0.00	1.00	0.00	13.39	13.95	2.00	0.00	1.00	0.00
13.40	13.72	2.00	0.00	1.00	0.00	13.41	13.48	2.00	0.00	1.00	0.00
13.42	13.39	2.00	0.00	1.00	0.00	13.43	13.39	2.00	0.00	1.00	0.00
13.44	13.25	2.00	0.00	1.00	0.00	13.45	12.80	2.00	0.00	1.00	0.00
13.46	12.80	2.00	0.00	1.00	0.00	13.47	12.56	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	12.47	2.00	0.00	1.00	0.00	13.49	12.65	2.00	0.00	1.00	0.00
13.50	12.78	2.00	0.00	1.00	0.00	13.51	12.90	2.00	0.00	1.00	0.00
13.52	12.90	2.00	0.00	1.00	0.00	13.53	12.93	2.00	0.00	1.00	0.00
13.54	12.89	2.00	0.00	1.00	0.00	13.55	12.97	2.00	0.00	1.00	0.00
13.56	12.91	2.00	0.00	1.00	0.00	13.57	12.91	2.00	0.00	1.00	0.00
13.58	13.12	2.00	0.00	1.00	0.00	13.59	13.11	2.00	0.00	1.00	0.00
13.60	13.11	2.00	0.00	1.00	0.00	13.61	12.97	2.00	0.00	1.00	0.00
13.62	13.06	2.00	0.00	1.00	0.00	13.63	13.09	2.00	0.00	1.00	0.00
13.64	13.05	2.00	0.00	1.00	0.00	13.65	13.08	2.00	0.00	1.00	0.00
13.66	13.07	2.00	0.00	1.00	0.00	13.67	13.07	2.00	0.00	1.00	0.00
13.68	12.93	2.00	0.00	1.00	0.00	13.69	12.97	2.00	0.00	1.00	0.00
13.70	13.05	2.00	0.00	1.00	0.00	13.71	13.27	2.00	0.00	1.00	0.00
13.72	13.26	2.00	0.00	1.00	0.00	13.73	13.48	2.00	0.00	1.00	0.00
13.74	13.77	2.00	0.00	1.00	0.00	13.75	14.16	2.00	0.00	1.00	0.00
13.76	15.03	2.00	0.00	1.00	0.00	13.77	16.26	2.00	0.00	1.00	0.00
13.78	15.20	2.00	0.00	1.00	0.00	13.79	15.19	2.00	0.00	1.00	0.00
13.80	14.36	2.00	0.00	1.00	0.00	13.81	14.48	2.00	0.00	1.00	0.00
13.82	14.12	2.00	0.00	1.00	0.00	13.83	13.98	2.00	0.00	1.00	0.00
13.84	13.81	2.00	0.00	1.00	0.00	13.85	13.80	2.00	0.00	1.00	0.00
13.86	13.58	2.00	0.00	1.00	0.00	13.87	13.39	2.00	0.00	1.00	0.00
13.88	13.30	2.00	0.00	1.00	0.00	13.89	13.38	2.00	0.00	1.00	0.00
13.90	13.29	2.00	0.00	1.00	0.00	13.91	13.06	2.00	0.00	1.00	0.00
13.92	13.06	2.00	0.00	1.00	0.00	13.93	13.01	2.00	0.00	1.00	0.00
13.94	12.88	2.00	0.00	1.00	0.00	13.95	12.82	2.00	0.00	1.00	0.00
13.96	12.95	2.00	0.00	1.00	0.00	13.97	13.07	2.00	0.00	1.00	0.00
13.98	13.41	2.00	0.00	1.00	0.00	13.99	13.41	2.00	0.00	1.00	0.00
14.00	13.62	2.00	0.00	1.00	0.00	14.01	13.50	2.00	0.00	1.00	0.00
14.02	13.49	2.00	0.00	1.00	0.00	14.03	13.35	2.00	0.00	1.00	0.00
14.04	14.03	2.00	0.00	1.00	0.00	14.05	14.55	2.00	0.00	1.00	0.00
14.06	14.80	2.00	0.00	1.00	0.00	14.07	15.53	2.00	0.00	1.00	0.00
14.08	15.52	2.00	0.00	1.00	0.00	14.09	15.91	2.00	0.00	1.00	0.00
14.10	16.25	2.00	0.00	1.00	0.00	14.11	16.54	2.00	0.00	1.00	0.00
14.12	17.62	2.00	0.00	1.00	0.00	14.13	18.25	2.00	0.00	1.00	0.00
14.14	19.71	2.00	0.00	1.00	0.00	14.15	19.70	2.00	0.00	1.00	0.00
14.16	19.92	2.00	0.00	1.00	0.00	14.17	20.04	2.00	0.00	1.00	0.00
14.18	20.80	2.00	0.00	1.00	0.00	14.19	20.76	2.00	0.00	1.00	0.00
14.20	20.96	2.00	0.00	1.00	0.00	14.21	20.95	2.00	0.00	1.00	0.00
14.22	20.95	2.00	0.00	1.00	0.00	14.23	20.76	2.00	0.00	1.00	0.00
14.24	20.67	2.00	0.00	1.00	0.00	14.25	20.62	2.00	0.00	1.00	0.00
14.26	20.05	2.00	0.00	1.00	0.00	14.27	20.04	2.00	0.00	1.00	0.00
14.28	19.95	2.00	0.00	1.00	0.00	14.29	19.90	2.00	0.00	1.00	0.00
14.30	19.63	2.00	0.00	1.00	0.00	14.31	19.32	2.00	0.00	1.00	0.00
14.32	18.54	2.00	0.00	1.00	0.00	14.33	18.53	2.00	0.00	1.00	0.00
14.34	18.48	2.00	0.00	1.00	0.00	14.35	18.51	2.00	0.00	1.00	0.00
14.36	18.25	2.00	0.00	1.00	0.00	14.37	18.11	2.00	0.00	1.00	0.00
14.38	17.76	2.00	0.00	1.00	0.00	14.39	17.75	2.00	0.00	1.00	0.00
14.40	17.66	2.00	0.00	1.00	0.00	14.41	17.65	2.00	0.00	1.00	0.00
14.42	17.21	2.00	0.00	1.00	0.00	14.43	17.08	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	16.60	2.00	0.00	1.00	0.00	14.45	16.60	2.00	0.00	1.00	0.00
14.46	16.25	2.00	0.00	1.00	0.00	14.47	15.98	2.00	0.00	1.00	0.00
14.48	15.64	2.00	0.00	1.00	0.00	14.49	15.63	2.00	0.00	1.00	0.00
14.50	15.63	2.00	0.00	1.00	0.00	14.51	15.62	2.00	0.00	1.00	0.00
14.52	15.65	2.00	0.00	1.00	0.00	14.53	15.94	2.00	0.00	1.00	0.00
14.54	16.19	2.00	0.00	1.00	0.00	14.55	16.31	2.00	0.00	1.00	0.00
14.56	16.26	2.00	0.00	1.00	0.00	14.57	16.21	2.00	0.00	1.00	0.00
14.58	16.20	2.00	0.00	1.00	0.00	14.59	16.32	2.00	0.00	1.00	0.00
14.60	16.49	2.00	0.00	1.00	0.00	14.61	17.03	2.00	0.00	1.00	0.00
14.62	17.20	2.00	0.00	1.00	0.00	14.63	17.61	2.00	0.00	1.00	0.00
14.64	17.60	2.00	0.00	1.00	0.00	14.65	17.81	2.00	0.00	1.00	0.00
14.66	18.02	2.00	0.00	1.00	0.00	14.67	18.22	2.00	0.00	1.00	0.00
14.68	18.47	2.00	0.00	1.00	0.00	14.69	18.54	2.00	0.00	1.00	0.00
14.70	18.53	2.00	0.00	1.00	0.00	14.71	18.23	2.00	0.00	1.00	0.00
14.72	18.23	2.00	0.00	1.00	0.00	14.73	18.73	2.00	0.00	1.00	0.00
14.74	18.72	2.00	0.00	1.00	0.00	14.75	19.18	2.00	0.00	1.00	0.00
14.76	19.17	2.00	0.00	1.00	0.00	14.77	19.16	2.00	0.00	1.00	0.00
14.78	19.11	2.00	0.00	1.00	0.00	14.79	19.23	2.00	0.00	1.00	0.00
14.80	19.09	2.00	0.00	1.00	0.00	14.81	19.13	2.00	0.00	1.00	0.00
14.82	19.04	2.00	0.00	1.00	0.00	14.83	19.03	2.00	0.00	1.00	0.00
14.84	18.98	2.00	0.00	1.00	0.00	14.85	19.05	2.00	0.00	1.00	0.00
14.86	18.96	2.00	0.00	1.00	0.00	14.87	18.83	2.00	0.00	1.00	0.00
14.88	18.82	2.00	0.00	1.00	0.00	14.89	18.77	2.00	0.00	1.00	0.00
14.90	18.42	2.00	0.00	1.00	0.00	14.91	17.75	2.00	0.00	1.00	0.00
14.92	17.44	2.00	0.00	1.00	0.00	14.93	16.68	2.00	0.00	1.00	0.00
14.94	16.67	2.00	0.00	1.00	0.00	14.95	16.50	2.00	0.00	1.00	0.00
14.96	16.20	2.00	0.00	1.00	0.00	14.97	15.48	2.00	0.00	1.00	0.00
14.98	15.22	2.00	0.00	1.00	0.00	14.99	14.88	2.00	0.00	1.00	0.00
15.00	14.87	2.00	0.00	1.00	0.00	15.01	14.02	2.00	0.00	1.00	0.00
15.02	14.13	2.00	0.00	1.00	0.00	15.03	14.19	2.00	0.00	1.00	0.00
15.04	14.14	2.00	0.00	1.00	0.00	15.05	13.89	2.00	0.00	1.00	0.00
15.06	13.88	2.00	0.00	1.00	0.00	15.07	13.87	2.00	0.00	1.00	0.00
15.08	13.95	2.00	0.00	1.00	0.00	15.09	13.83	2.00	0.00	1.00	0.00
15.10	13.45	2.00	0.00	1.00	0.00	15.11	13.44	2.00	0.00	1.00	0.00
15.12	13.35	2.00	0.00	1.00	0.00	15.13	13.34	2.00	0.00	1.00	0.00
15.14	13.21	2.00	0.00	1.00	0.00	15.15	13.12	2.00	0.00	1.00	0.00
15.16	13.37	2.00	0.00	1.00	0.00	15.17	13.44	2.00	0.00	1.00	0.00
15.18	13.53	2.00	0.00	1.00	0.00	15.19	13.52	2.00	0.00	1.00	0.00
15.20	13.52	2.00	0.00	1.00	0.00	15.21	13.39	2.00	0.00	1.00	0.00
15.22	13.42	2.00	0.00	1.00	0.00	15.23	13.46	2.00	0.00	1.00	0.00
15.24	13.58	2.00	0.00	1.00	0.00	15.25	13.57	2.00	0.00	1.00	0.00
15.26	13.64	2.00	0.00	1.00	0.00	15.27	13.39	2.00	0.00	1.00	0.00
15.28	13.30	2.00	0.00	1.00	0.00	15.29	13.34	2.00	0.00	1.00	0.00
15.30	13.34	2.00	0.00	1.00	0.00	15.31	13.41	2.00	0.00	1.00	0.00
15.32	13.49	2.00	0.00	1.00	0.00	15.33	13.69	2.00	0.00	1.00	0.00
15.34	13.85	2.00	0.00	1.00	0.00	15.35	14.09	2.00	0.00	1.00	0.00
15.36	14.08	2.00	0.00	1.00	0.00	15.37	14.16	2.00	0.00	1.00	0.00
15.38	14.32	2.00	0.00	1.00	0.00	15.39	15.18	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

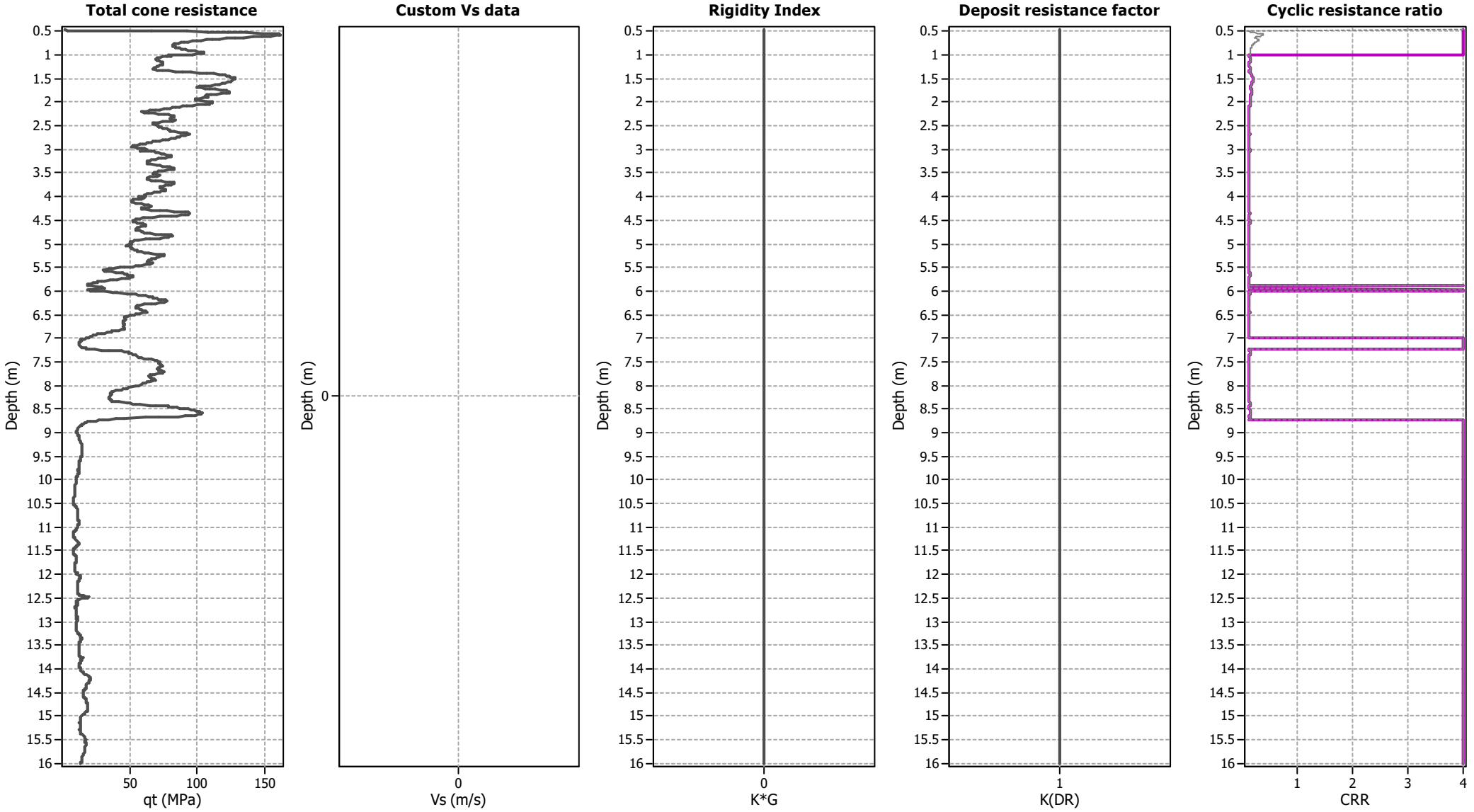
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	15.63	2.00	0.00	1.00	0.00	15.41	16.23	2.00	0.00	1.00	0.00
15.42	16.23	2.00	0.00	1.00	0.00	15.43	16.81	2.00	0.00	1.00	0.00
15.44	17.33	2.00	0.00	1.00	0.00	15.45	17.45	2.00	0.00	1.00	0.00
15.46	17.52	2.00	0.00	1.00	0.00	15.47	17.51	2.00	0.00	1.00	0.00
15.48	17.47	2.00	0.00	1.00	0.00	15.49	17.55	2.00	0.00	1.00	0.00
15.50	17.62	2.00	0.00	1.00	0.00	15.51	17.53	2.00	0.00	1.00	0.00
15.52	17.20	2.00	0.00	1.00	0.00	15.53	17.19	2.00	0.00	1.00	0.00
15.54	16.81	2.00	0.00	1.00	0.00	15.55	16.93	2.00	0.00	1.00	0.00
15.56	17.17	2.00	0.00	1.00	0.00	15.57	18.02	2.00	0.00	1.00	0.00
15.58	18.26	2.00	0.00	1.00	0.00	15.59	17.93	2.00	0.00	1.00	0.00
15.60	17.92	2.00	0.00	1.00	0.00	15.61	17.87	2.00	0.00	1.00	0.00
15.62	17.58	2.00	0.00	1.00	0.00	15.63	17.62	2.00	0.00	1.00	0.00
15.64	17.32	2.00	0.00	1.00	0.00	15.65	17.31	2.00	0.00	1.00	0.00
15.66	17.26	2.00	0.00	1.00	0.00	15.67	17.30	2.00	0.00	1.00	0.00
15.68	17.04	2.00	0.00	1.00	0.00	15.69	17.08	2.00	0.00	1.00	0.00
15.70	16.99	2.00	0.00	1.00	0.00	15.71	16.98	2.00	0.00	1.00	0.00
15.72	16.94	2.00	0.00	1.00	0.00	15.73	16.93	2.00	0.00	1.00	0.00
15.74	16.92	2.00	0.00	1.00	0.00	15.75	16.79	2.00	0.00	1.00	0.00
15.76	16.50	2.00	0.00	1.00	0.00	15.77	16.49	2.00	0.00	1.00	0.00
15.78	16.53	2.00	0.00	1.00	0.00	15.79	16.44	2.00	0.00	1.00	0.00
15.80	16.07	2.00	0.00	1.00	0.00	15.81	15.86	2.00	0.00	1.00	0.00
15.82	15.61	2.00	0.00	1.00	0.00	15.83	15.61	2.00	0.00	1.00	0.00
15.84	15.43	2.00	0.00	1.00	0.00	15.85	15.26	2.00	0.00	1.00	0.00
15.86	15.14	2.00	0.00	1.00	0.00	15.87	15.25	2.00	0.00	1.00	0.00
15.88	15.25	2.00	0.00	1.00	0.00	15.89	15.08	2.00	0.00	1.00	0.00
15.90	14.96	2.00	0.00	1.00	0.00	15.91	14.83	2.00	0.00	1.00	0.00
15.92	14.90	2.00	0.00	1.00	0.00	15.93	14.94	2.00	0.00	1.00	0.00
15.94	14.93	2.00	0.00	1.00	0.00	15.95	14.76	2.00	0.00	1.00	0.00
15.96	14.68	2.00	0.00	1.00	0.00	15.97	14.43	2.00	0.00	1.00	0.00
15.98	14.42	2.00	0.00	1.00	0.00	15.99	14.22	2.00	0.00	1.00	0.00
16.00	14.21	2.00	0.00	1.00	0.00	16.01	14.13	2.00	0.00	1.00	0.00

Total estimated settlement: 27.19

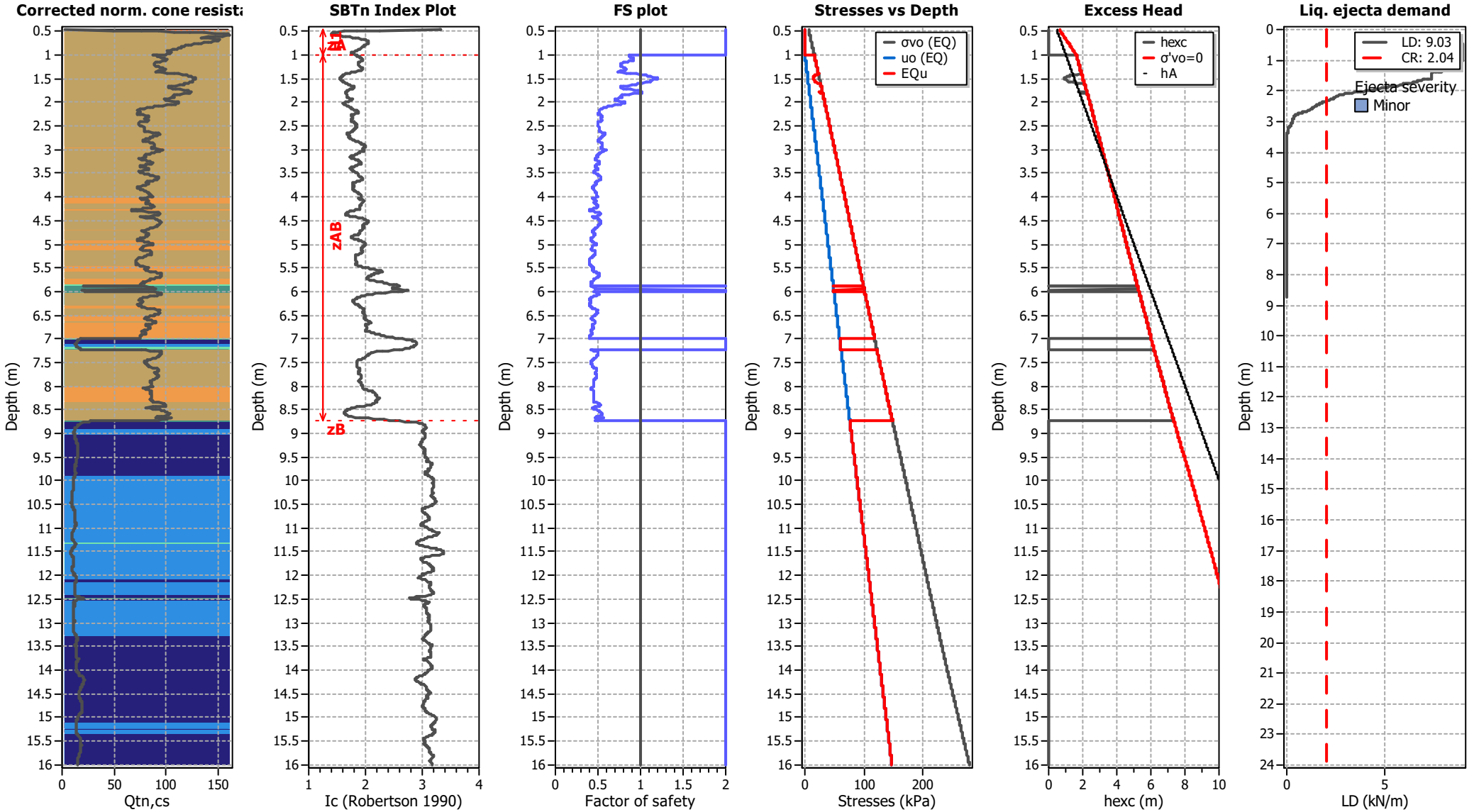
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



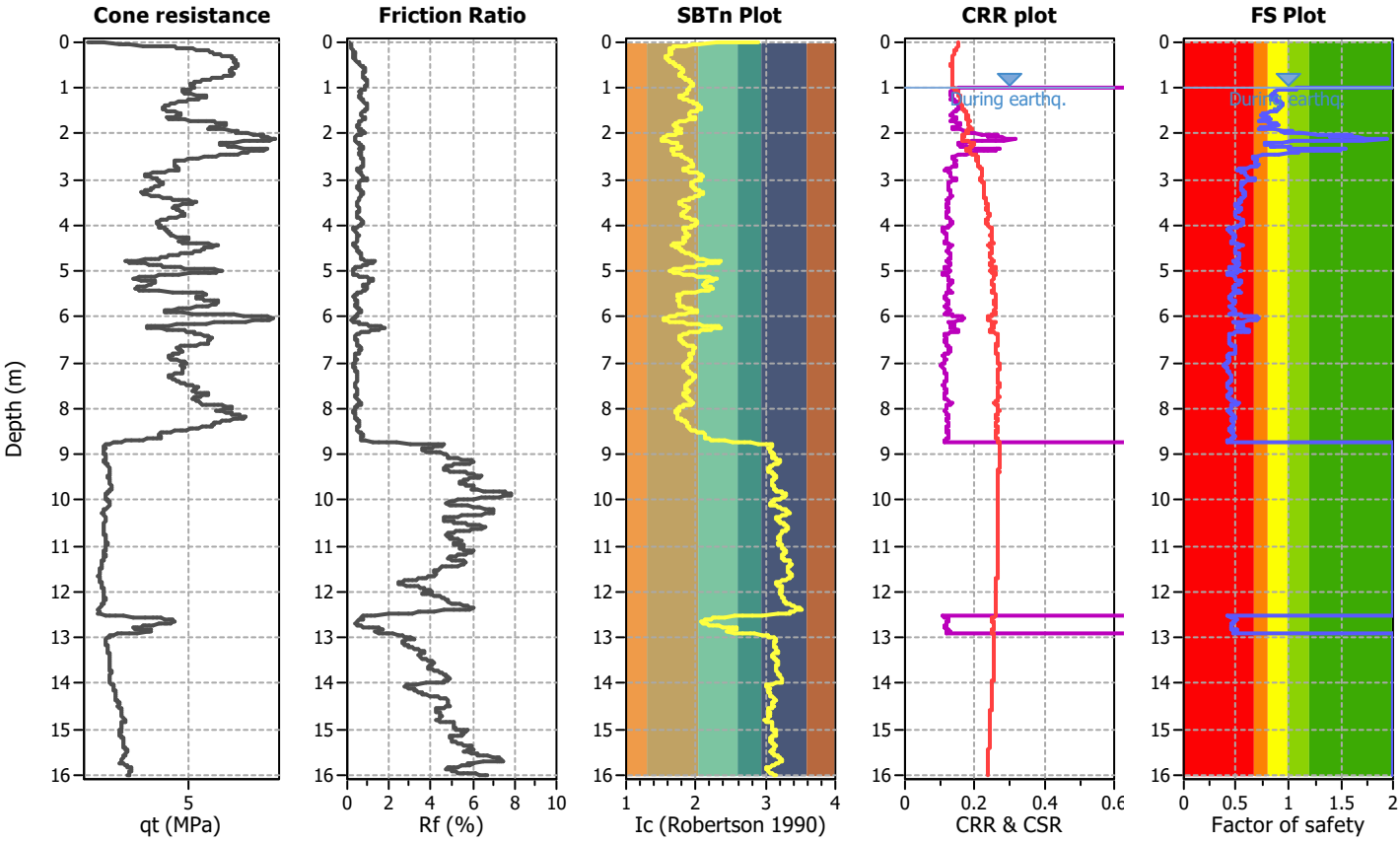
LIQUEFACTION ANALYSIS REPORT

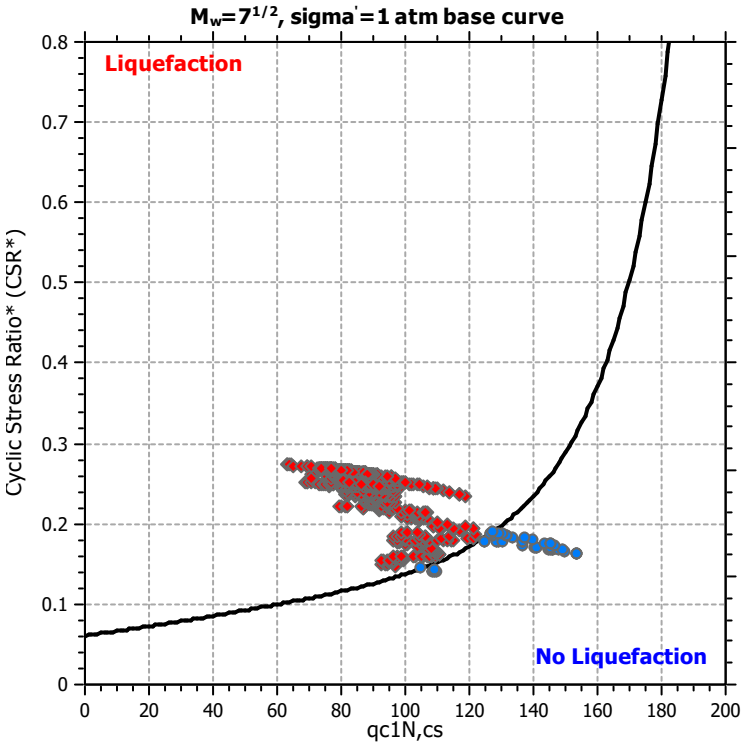
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

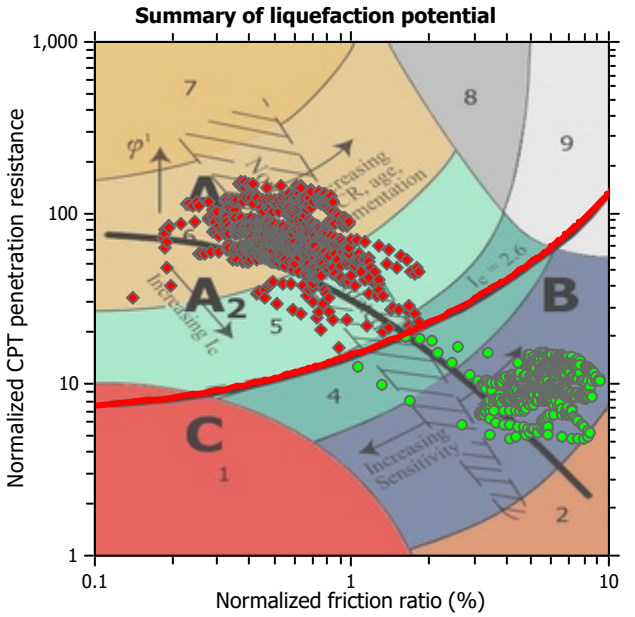
CPT file : 040008P984CPTU985

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

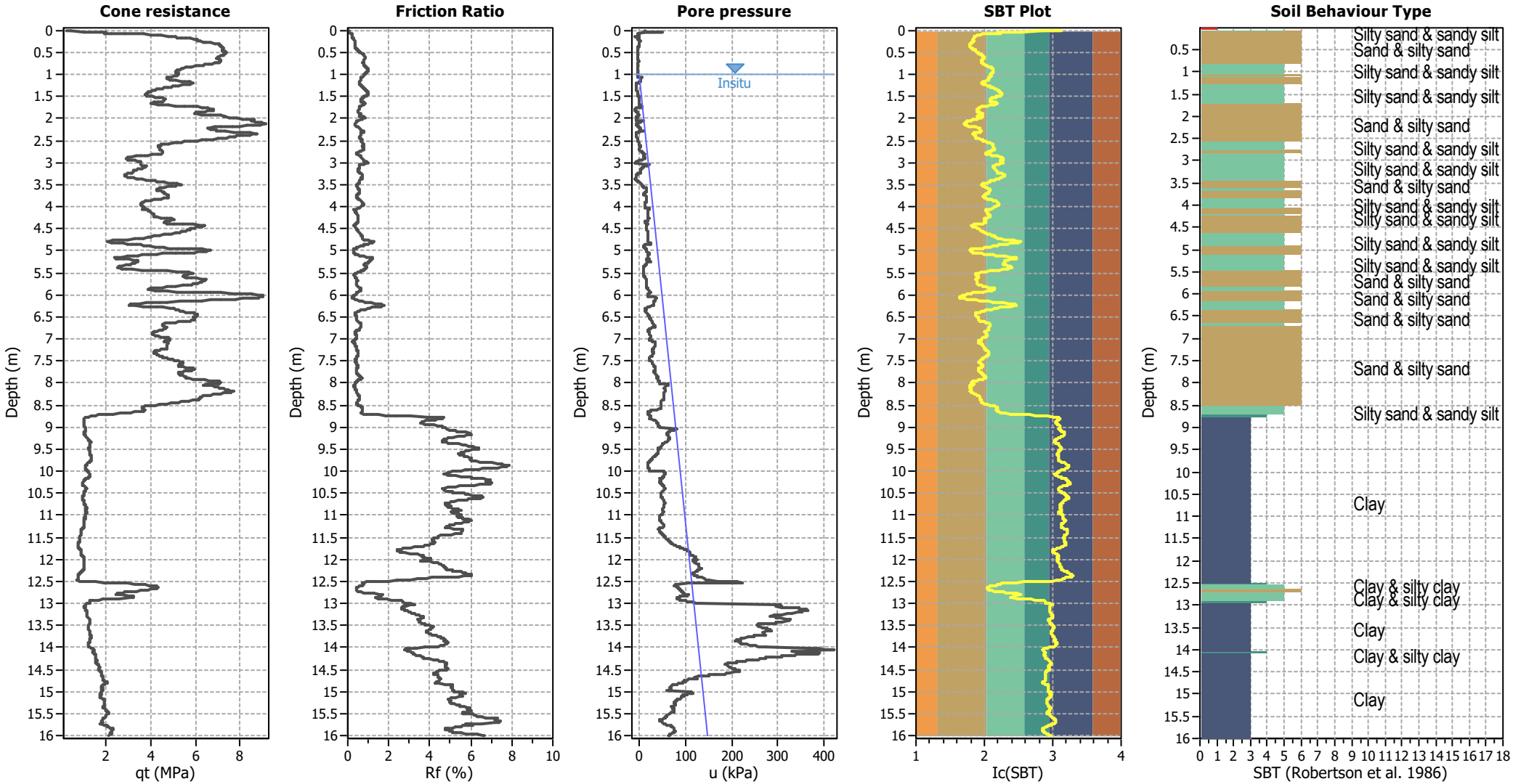






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



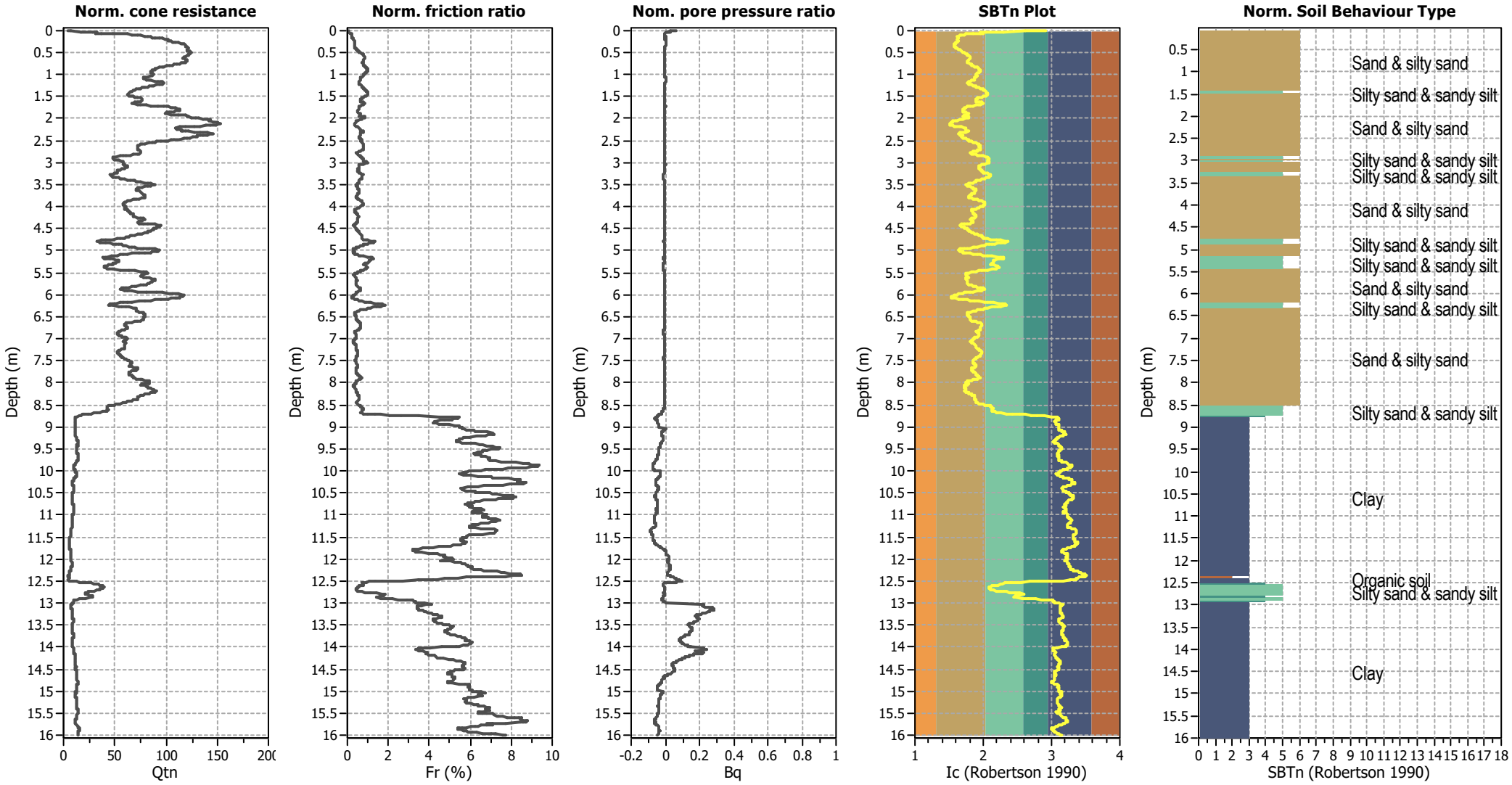
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



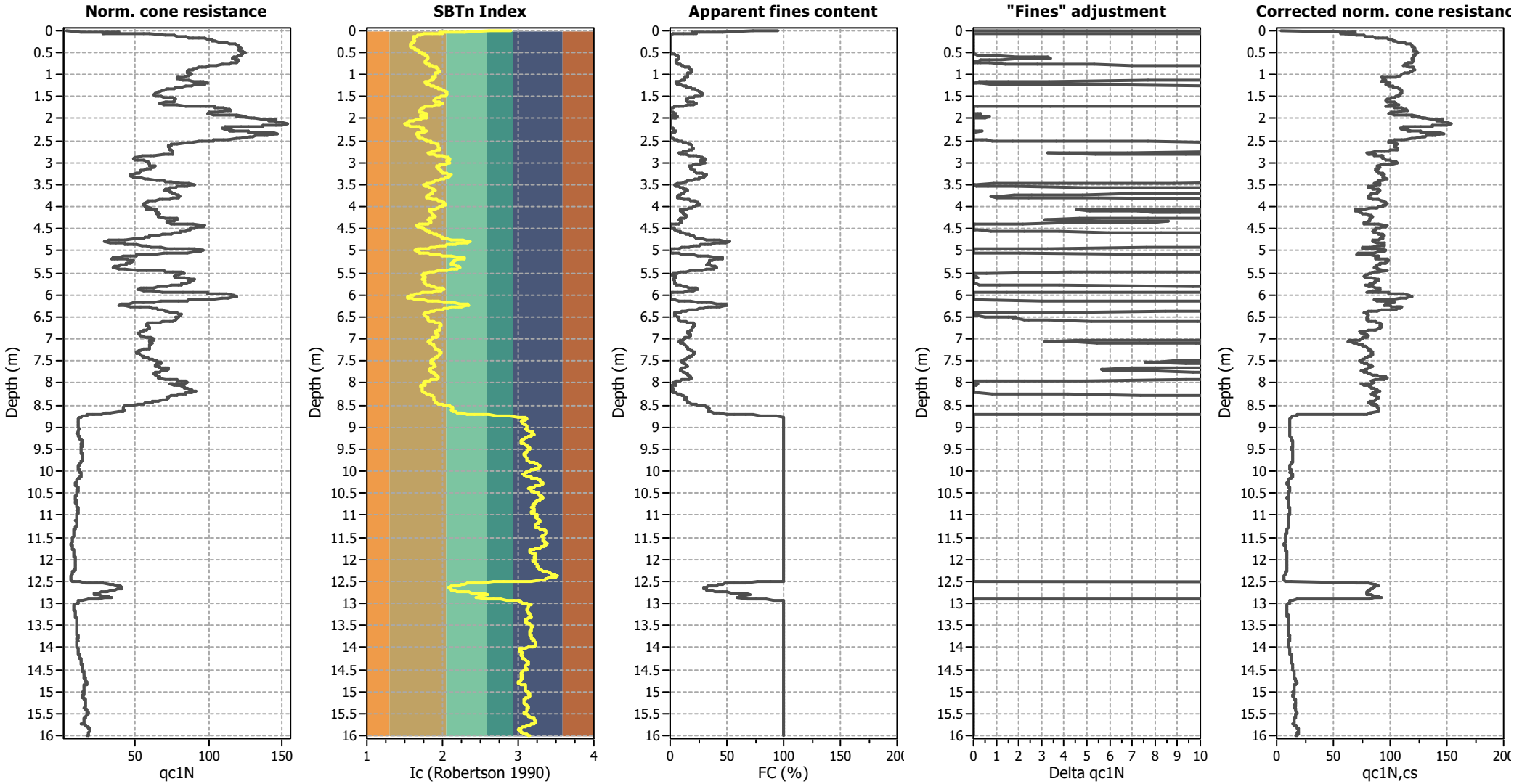
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

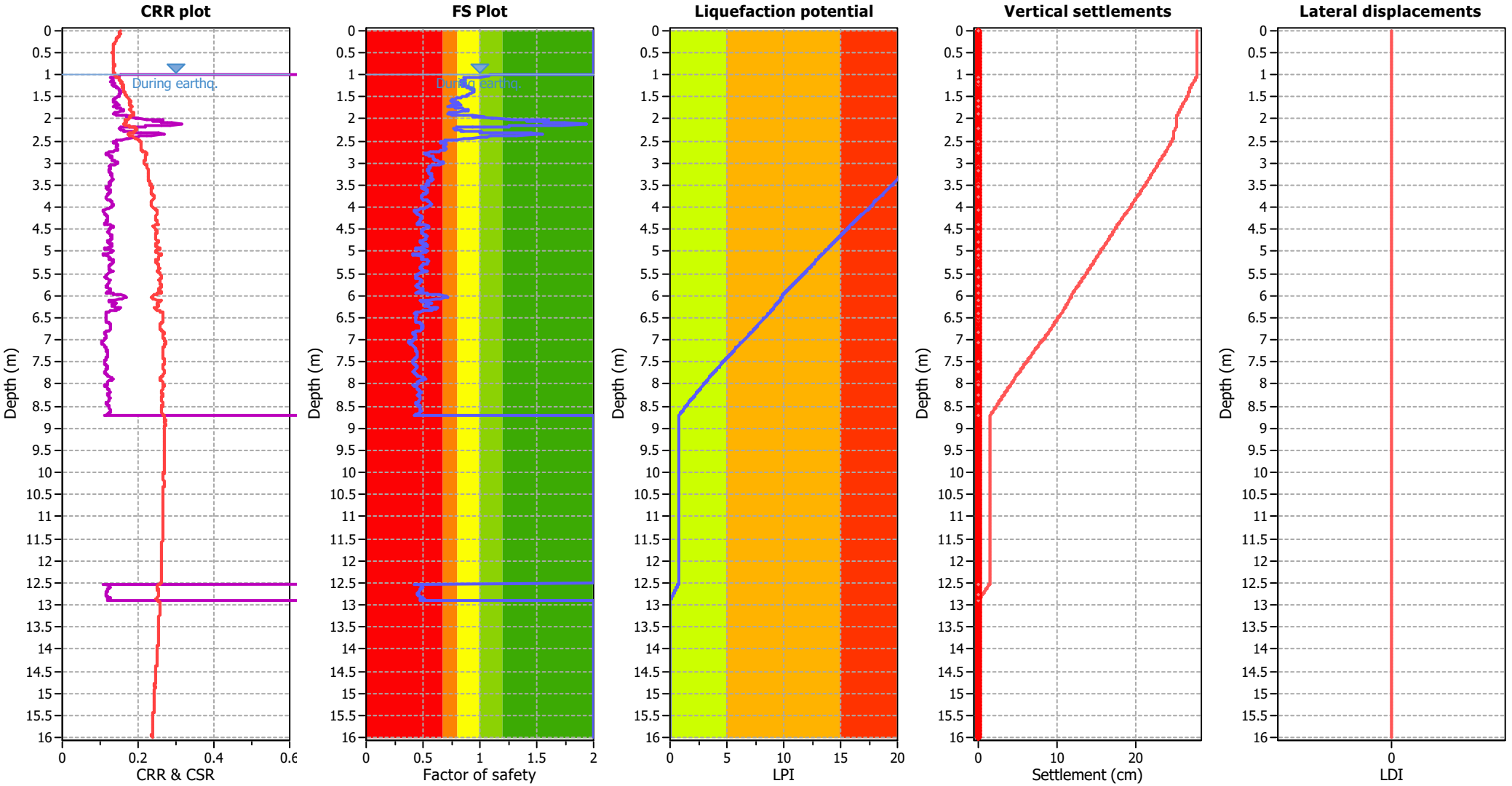
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

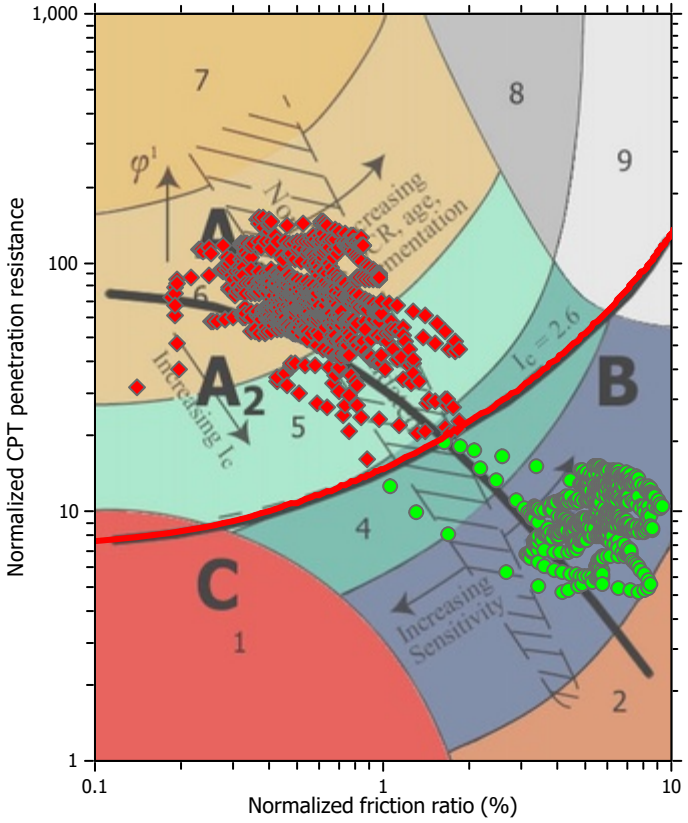
F.S. color scheme

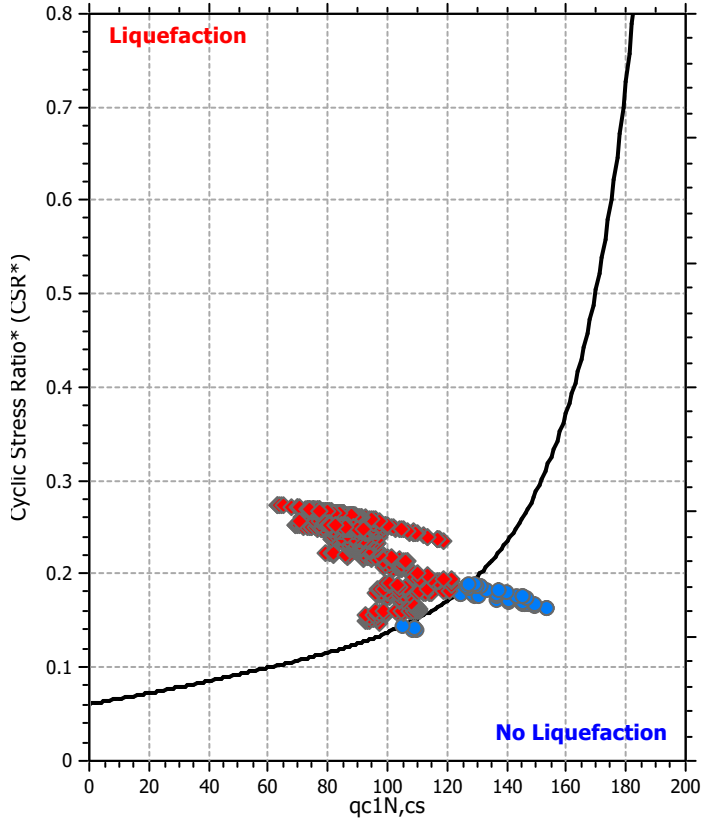
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

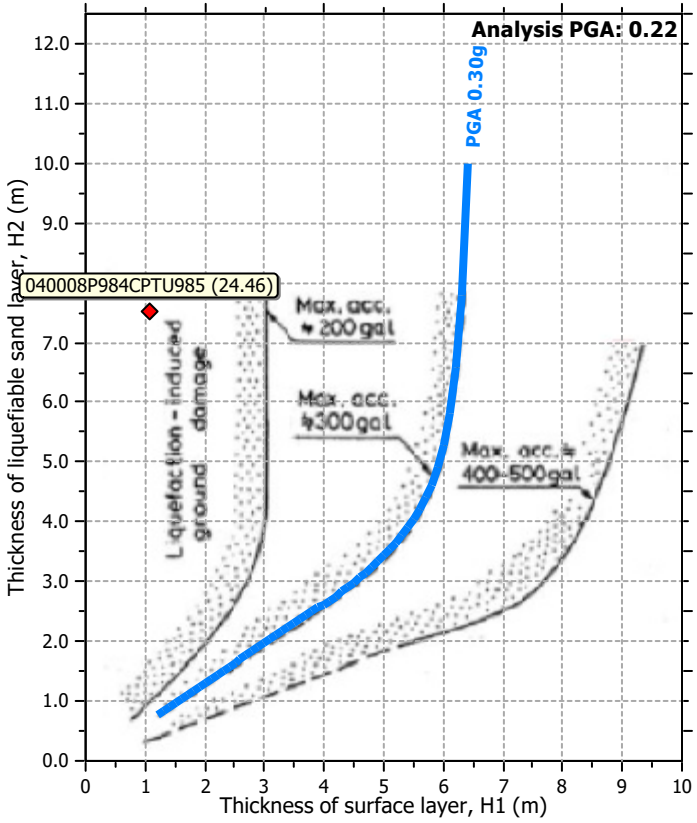
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



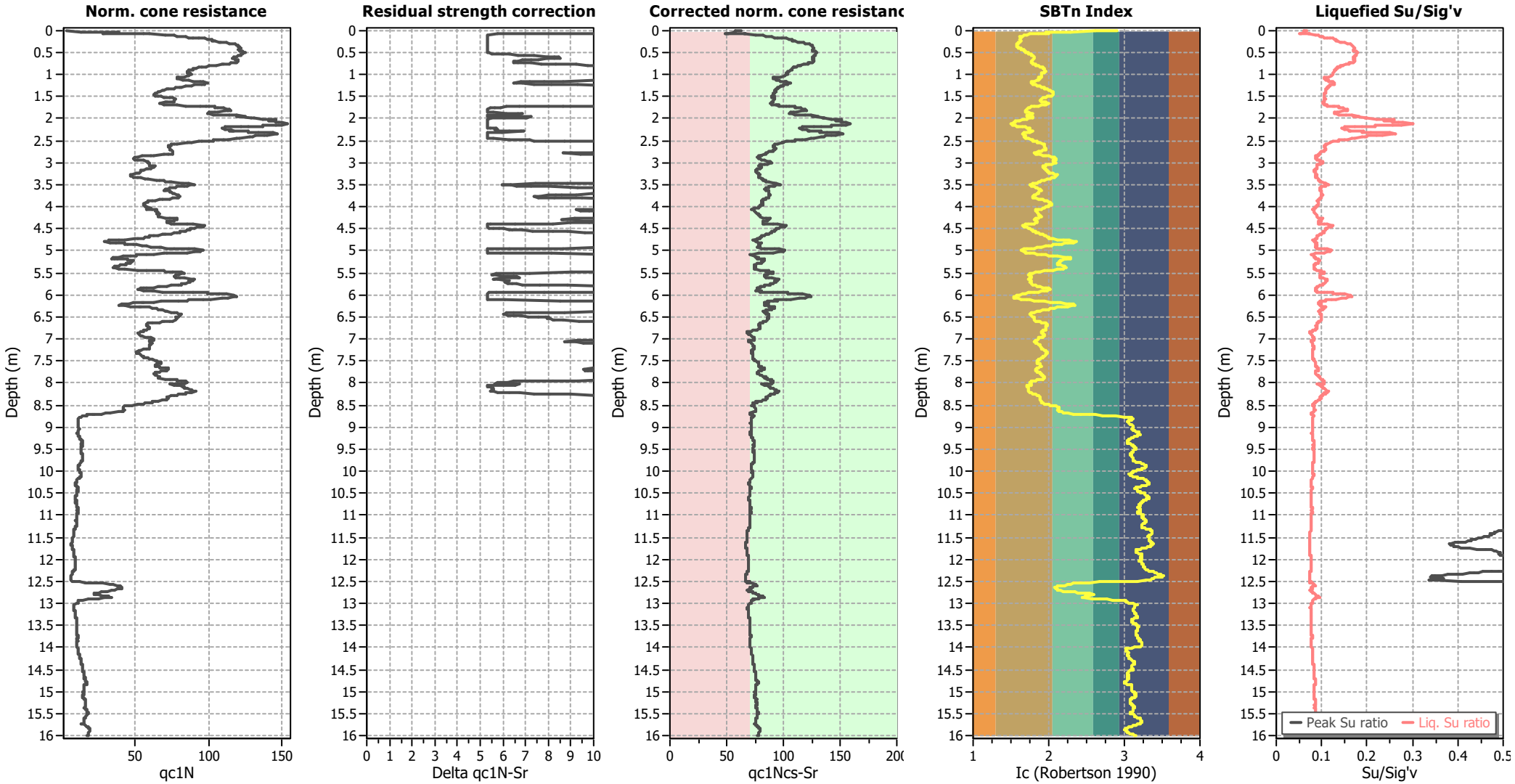




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.10	0.00	0.00	0.01	0.00	1.02	1.08	0.00	0.00	0.01	0.00
1.03	1.08	0.00	0.00	0.01	0.00	1.04	1.07	0.00	0.00	0.01	0.00
1.05	1.01	0.00	0.00	0.01	0.00	1.06	0.91	0.00	0.00	0.01	0.01
1.07	0.86	0.00	0.00	0.01	0.01	1.08	0.86	0.00	0.00	0.01	0.01
1.09	0.87	0.00	0.00	0.01	0.01	1.10	0.87	0.00	0.00	0.01	0.01
1.11	0.87	0.00	0.00	0.01	0.01	1.12	0.88	0.00	0.00	0.01	0.01
1.13	0.84	0.16	2.39	0.01	0.02	1.14	0.85	0.15	2.59	0.01	0.01
1.15	0.83	0.17	2.12	0.01	0.02	1.16	0.86	0.14	2.89	0.01	0.01
1.17	0.84	0.16	2.48	0.01	0.01	1.18	0.85	0.15	2.85	0.01	0.01
1.19	0.88	0.00	0.00	0.01	0.01	1.20	0.88	0.00	0.00	0.01	0.01
1.21	0.85	0.15	2.74	0.01	0.01	1.22	0.85	0.15	2.80	0.01	0.01
1.23	0.85	0.15	2.59	0.01	0.01	1.24	0.83	0.17	2.12	0.01	0.02
1.25	0.86	0.14	2.96	0.01	0.01	1.26	0.85	0.15	2.66	0.01	0.01
1.27	0.89	0.00	0.00	0.01	0.01	1.28	0.88	0.00	0.00	0.01	0.01
1.29	0.91	0.00	0.00	0.01	0.01	1.30	0.90	0.00	0.00	0.01	0.01
1.31	0.92	0.00	0.00	0.01	0.01	1.32	0.93	0.00	0.00	0.01	0.01
1.33	0.92	0.00	0.00	0.01	0.01	1.34	0.94	0.00	0.00	0.01	0.01
1.35	0.93	0.00	0.00	0.01	0.01	1.36	0.95	0.00	0.00	0.01	0.00
1.37	0.95	0.00	0.00	0.01	0.00	1.38	0.94	0.00	0.00	0.01	0.01
1.39	0.94	0.00	0.00	0.01	0.01	1.40	0.93	0.00	0.00	0.01	0.01
1.41	0.93	0.00	0.00	0.01	0.01	1.42	0.93	0.00	0.00	0.01	0.01
1.43	0.91	0.00	0.00	0.01	0.01	1.44	0.91	0.00	0.00	0.01	0.01
1.45	0.90	0.00	0.00	0.01	0.01	1.46	0.90	0.00	0.00	0.01	0.01
1.47	0.89	0.00	0.00	0.01	0.01	1.48	0.89	0.00	0.00	0.01	0.01
1.49	0.87	0.00	0.00	0.01	0.01	1.50	0.88	0.00	0.00	0.01	0.01
1.51	0.85	0.15	2.57	0.01	0.01	1.52	0.83	0.17	2.20	0.01	0.02
1.53	0.83	0.17	2.10	0.01	0.02	1.54	0.79	0.21	1.59	0.01	0.02
1.55	0.78	0.22	1.47	0.01	0.02	1.56	0.76	0.24	1.29	0.01	0.02
1.57	0.76	0.24	1.24	0.01	0.02	1.58	0.75	0.25	1.16	0.01	0.02
1.59	0.74	0.26	1.15	0.01	0.02	1.60	0.74	0.26	1.13	0.01	0.02
1.61	0.75	0.25	1.20	0.01	0.02	1.62	0.77	0.23	1.32	0.01	0.02
1.63	0.78	0.22	1.40	0.01	0.02	1.64	0.81	0.19	1.78	0.01	0.02
1.65	0.80	0.20	1.66	0.01	0.02	1.66	0.82	0.18	1.92	0.01	0.02
1.67	0.81	0.19	1.83	0.01	0.02	1.68	0.79	0.21	1.54	0.01	0.02
1.69	0.83	0.17	2.21	0.01	0.02	1.70	0.75	0.25	1.21	0.01	0.02
1.71	0.72	0.28	1.02	0.01	0.03	1.72	0.73	0.27	1.06	0.01	0.02
1.73	0.74	0.26	1.11	0.01	0.02	1.74	0.79	0.21	1.51	0.01	0.02
1.75	0.79	0.21	1.49	0.01	0.02	1.76	0.81	0.19	1.75	0.01	0.02
1.77	0.85	0.15	2.56	0.01	0.01	1.78	0.86	0.00	0.00	0.01	0.01
1.79	0.89	0.00	0.00	0.01	0.01	1.80	0.89	0.00	0.00	0.01	0.01
1.81	0.90	0.00	0.00	0.01	0.01	1.82	0.87	0.00	0.00	0.01	0.01
1.83	0.84	0.16	2.52	0.01	0.01	1.84	0.79	0.21	1.53	0.01	0.02
1.85	0.79	0.21	1.51	0.01	0.02	1.86	0.77	0.23	1.32	0.01	0.02
1.87	0.73	0.27	1.08	0.01	0.02	1.88	0.72	0.28	1.00	0.01	0.03
1.89	0.73	0.27	1.06	0.01	0.02	1.90	0.73	0.27	1.05	0.01	0.02
1.91	0.75	0.25	1.22	0.01	0.02	1.92	0.86	0.00	0.00	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.94	0.00	0.00	0.01	0.01	1.94	1.03	0.00	0.00	0.01	0.00
1.95	1.03	0.00	0.00	0.01	0.00	1.96	0.93	0.00	0.00	0.01	0.01
1.97	0.96	0.00	0.00	0.01	0.00	1.98	1.11	0.00	0.00	0.01	0.00
1.99	1.10	0.00	0.00	0.01	0.00	2.00	1.14	0.00	0.00	0.01	0.00
2.01	1.29	0.00	0.00	0.01	0.00	2.02	1.41	0.00	0.00	0.01	0.00
2.03	1.60	0.00	0.00	0.01	0.00	2.04	1.60	0.00	0.00	0.01	0.00
2.05	1.41	0.00	0.00	0.01	0.00	2.06	1.40	0.00	0.00	0.01	0.00
2.07	1.53	0.00	0.00	0.01	0.00	2.08	1.57	0.00	0.00	0.01	0.00
2.09	1.65	0.00	0.00	0.01	0.00	2.10	1.74	0.00	0.00	0.01	0.00
2.11	1.93	0.00	0.00	0.01	0.00	2.12	1.93	0.00	0.00	0.01	0.00
2.13	1.94	0.00	0.00	0.01	0.00	2.14	1.71	0.00	0.00	0.01	0.00
2.15	1.54	0.00	0.00	0.01	0.00	2.16	1.25	0.00	0.00	0.01	0.00
2.17	1.25	0.00	0.00	0.01	0.00	2.18	1.04	0.00	0.00	0.01	0.00
2.19	0.94	0.00	0.00	0.01	0.01	2.20	0.80	0.20	1.64	0.01	0.02
2.21	0.80	0.20	1.62	0.01	0.02	2.22	0.77	0.23	1.32	0.01	0.02
2.23	0.77	0.23	1.31	0.01	0.02	2.24	0.79	0.21	1.51	0.01	0.02
2.25	0.84	0.16	2.32	0.01	0.01	2.26	0.84	0.16	2.29	0.01	0.01
2.27	0.86	0.00	0.00	0.01	0.01	2.28	0.85	0.15	2.78	0.01	0.01
2.29	0.83	0.17	2.13	0.01	0.02	2.30	1.01	0.00	0.00	0.01	0.00
2.31	1.01	0.00	0.00	0.01	0.00	2.32	1.15	0.00	0.00	0.01	0.00
2.33	1.45	0.00	0.00	0.01	0.00	2.34	1.55	0.00	0.00	0.01	0.00
2.35	1.50	0.00	0.00	0.01	0.00	2.36	1.49	0.00	0.00	0.01	0.00
2.37	1.32	0.00	0.00	0.01	0.00	2.38	1.24	0.00	0.00	0.01	0.00
2.39	1.10	0.00	0.00	0.01	0.00	2.40	1.10	0.00	0.00	0.01	0.00
2.41	1.07	0.00	0.00	0.01	0.00	2.42	1.05	0.00	0.00	0.01	0.00
2.43	1.01	0.00	0.00	0.01	0.00	2.44	0.90	0.00	0.00	0.01	0.01
2.45	0.90	0.00	0.00	0.01	0.01	2.46	0.86	0.00	0.00	0.01	0.01
2.47	0.79	0.21	1.57	0.01	0.02	2.48	0.76	0.24	1.25	0.01	0.02
2.49	0.70	0.30	0.91	0.01	0.03	2.50	0.70	0.30	0.92	0.01	0.03
2.51	0.68	0.32	0.84	0.01	0.03	2.52	0.65	0.35	0.76	0.01	0.03
2.53	0.67	0.33	0.80	0.01	0.03	2.54	0.65	0.35	0.76	0.01	0.03
2.55	0.69	0.31	0.86	0.01	0.03	2.56	0.70	0.30	0.91	0.01	0.03
2.57	0.69	0.31	0.88	0.01	0.03	2.58	0.71	0.29	0.95	0.01	0.03
2.59	0.69	0.31	0.89	0.01	0.03	2.60	0.70	0.30	0.91	0.01	0.03
2.61	0.69	0.31	0.89	0.01	0.03	2.62	0.68	0.32	0.85	0.01	0.03
2.63	0.68	0.32	0.84	0.01	0.03	2.64	0.68	0.32	0.85	0.01	0.03
2.65	0.68	0.32	0.85	0.01	0.03	2.66	0.69	0.31	0.88	0.01	0.03
2.67	0.70	0.30	0.92	0.01	0.03	2.68	0.70	0.30	0.94	0.01	0.03
2.69	0.71	0.29	0.96	0.01	0.03	2.70	0.70	0.30	0.91	0.01	0.03
2.71	0.69	0.31	0.86	0.01	0.03	2.72	0.65	0.35	0.76	0.01	0.03
2.73	0.64	0.36	0.71	0.01	0.03	2.74	0.61	0.39	0.65	0.01	0.03
2.75	0.59	0.41	0.61	0.01	0.04	2.76	0.56	0.44	0.56	0.01	0.04
2.77	0.53	0.47	0.52	0.01	0.04	2.78	0.52	0.48	0.51	0.01	0.04
2.79	0.52	0.48	0.50	0.01	0.04	2.80	0.53	0.47	0.51	0.01	0.04
2.81	0.53	0.47	0.51	0.01	0.04	2.82	0.56	0.44	0.55	0.01	0.04
2.83	0.55	0.45	0.55	0.01	0.04	2.84	0.58	0.42	0.60	0.01	0.04
2.85	0.59	0.41	0.62	0.01	0.03	2.86	0.58	0.42	0.60	0.01	0.04
2.87	0.59	0.41	0.62	0.01	0.03	2.88	0.58	0.42	0.60	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.59	0.41	0.61	0.01	0.04	2.90	0.59	0.41	0.62	0.01	0.03
2.91	0.59	0.41	0.61	0.01	0.03	2.92	0.60	0.40	0.63	0.01	0.03
2.93	0.61	0.39	0.65	0.01	0.03	2.94	0.60	0.40	0.64	0.01	0.03
2.95	0.61	0.39	0.64	0.01	0.03	2.96	0.63	0.37	0.70	0.01	0.03
2.97	0.64	0.36	0.73	0.01	0.03	2.98	0.66	0.34	0.79	0.01	0.03
2.99	0.68	0.32	0.83	0.01	0.03	3.00	0.68	0.32	0.86	0.01	0.03
3.01	0.68	0.32	0.86	0.01	0.03	3.02	0.68	0.32	0.84	0.01	0.03
3.03	0.64	0.36	0.72	0.01	0.03	3.04	0.61	0.39	0.65	0.01	0.03
3.05	0.58	0.42	0.59	0.01	0.04	3.06	0.56	0.44	0.56	0.01	0.04
3.07	0.56	0.44	0.56	0.01	0.04	3.08	0.56	0.44	0.55	0.01	0.04
3.09	0.56	0.44	0.55	0.01	0.04	3.10	0.56	0.44	0.56	0.01	0.04
3.11	0.56	0.44	0.56	0.01	0.04	3.12	0.56	0.44	0.56	0.01	0.04
3.13	0.56	0.44	0.55	0.01	0.04	3.14	0.54	0.46	0.54	0.01	0.04
3.15	0.55	0.45	0.54	0.01	0.04	3.16	0.54	0.46	0.54	0.01	0.04
3.17	0.55	0.45	0.54	0.01	0.04	3.18	0.55	0.45	0.54	0.01	0.04
3.19	0.54	0.46	0.53	0.01	0.04	3.20	0.55	0.45	0.54	0.01	0.04
3.21	0.55	0.45	0.54	0.01	0.04	3.22	0.55	0.45	0.55	0.01	0.04
3.23	0.56	0.44	0.55	0.01	0.04	3.24	0.56	0.44	0.56	0.01	0.04
3.25	0.57	0.43	0.58	0.01	0.04	3.26	0.57	0.43	0.58	0.01	0.04
3.27	0.58	0.42	0.60	0.01	0.03	3.28	0.57	0.43	0.58	0.01	0.04
3.29	0.57	0.43	0.58	0.01	0.04	3.30	0.57	0.43	0.58	0.01	0.04
3.31	0.57	0.43	0.58	0.01	0.04	3.32	0.57	0.43	0.58	0.01	0.04
3.33	0.57	0.43	0.57	0.01	0.04	3.34	0.58	0.42	0.60	0.01	0.03
3.35	0.58	0.42	0.59	0.01	0.04	3.36	0.59	0.41	0.61	0.01	0.03
3.37	0.58	0.42	0.60	0.01	0.03	3.38	0.58	0.42	0.59	0.01	0.04
3.39	0.57	0.43	0.58	0.01	0.04	3.40	0.54	0.46	0.54	0.01	0.04
3.41	0.55	0.45	0.54	0.01	0.04	3.42	0.54	0.46	0.53	0.01	0.04
3.43	0.55	0.45	0.54	0.01	0.04	3.44	0.55	0.45	0.55	0.01	0.04
3.45	0.53	0.47	0.52	0.01	0.04	3.46	0.55	0.45	0.55	0.01	0.04
3.47	0.52	0.48	0.51	0.01	0.04	3.48	0.53	0.47	0.51	0.01	0.04
3.49	0.55	0.45	0.54	0.01	0.04	3.50	0.55	0.45	0.54	0.01	0.04
3.51	0.53	0.47	0.52	0.01	0.04	3.52	0.53	0.47	0.52	0.01	0.04
3.53	0.52	0.48	0.50	0.01	0.04	3.54	0.51	0.49	0.49	0.01	0.04
3.55	0.49	0.51	0.47	0.01	0.04	3.56	0.50	0.50	0.48	0.01	0.04
3.57	0.49	0.51	0.47	0.01	0.04	3.58	0.51	0.49	0.49	0.01	0.04
3.59	0.51	0.49	0.49	0.01	0.04	3.60	0.52	0.48	0.50	0.01	0.04
3.61	0.53	0.47	0.51	0.01	0.04	3.62	0.54	0.46	0.52	0.01	0.04
3.63	0.54	0.46	0.53	0.01	0.04	3.64	0.54	0.46	0.53	0.01	0.04
3.65	0.54	0.46	0.53	0.01	0.04	3.66	0.53	0.47	0.52	0.01	0.04
3.67	0.53	0.47	0.52	0.01	0.04	3.68	0.53	0.47	0.51	0.01	0.04
3.69	0.52	0.48	0.51	0.01	0.04	3.70	0.52	0.48	0.50	0.01	0.04
3.71	0.50	0.50	0.48	0.01	0.04	3.72	0.50	0.50	0.48	0.01	0.04
3.73	0.49	0.51	0.47	0.01	0.04	3.74	0.49	0.51	0.47	0.01	0.04
3.75	0.49	0.51	0.47	0.01	0.04	3.76	0.48	0.52	0.46	0.01	0.04
3.77	0.48	0.52	0.46	0.01	0.04	3.78	0.48	0.52	0.46	0.01	0.04
3.79	0.48	0.52	0.46	0.01	0.04	3.80	0.48	0.52	0.46	0.01	0.04
3.81	0.48	0.52	0.46	0.01	0.04	3.82	0.50	0.50	0.48	0.01	0.04
3.83	0.50	0.50	0.48	0.01	0.04	3.84	0.52	0.48	0.51	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.53	0.47	0.52	0.01	0.04	3.86	0.54	0.46	0.53	0.01	0.04
3.87	0.55	0.45	0.55	0.01	0.04	3.88	0.55	0.45	0.55	0.01	0.04
3.89	0.56	0.44	0.56	0.01	0.04	3.90	0.56	0.44	0.56	0.01	0.04
3.91	0.57	0.43	0.57	0.01	0.03	3.92	0.57	0.43	0.57	0.01	0.03
3.93	0.57	0.43	0.57	0.01	0.03	3.94	0.57	0.43	0.58	0.01	0.03
3.95	0.57	0.43	0.58	0.01	0.03	3.96	0.56	0.44	0.57	0.01	0.03
3.97	0.56	0.44	0.55	0.01	0.04	3.98	0.55	0.45	0.54	0.01	0.04
3.99	0.54	0.46	0.54	0.01	0.04	4.00	0.54	0.46	0.52	0.01	0.04
4.01	0.52	0.48	0.51	0.01	0.04	4.02	0.52	0.48	0.50	0.01	0.04
4.03	0.51	0.49	0.49	0.01	0.04	4.04	0.48	0.52	0.46	0.01	0.04
4.05	0.46	0.54	0.43	0.01	0.04	4.06	0.44	0.56	0.42	0.01	0.04
4.07	0.42	0.58	0.41	0.01	0.05	4.08	0.42	0.58	0.40	0.01	0.05
4.09	0.43	0.57	0.41	0.01	0.05	4.10	0.43	0.57	0.41	0.01	0.05
4.11	0.43	0.57	0.41	0.01	0.04	4.12	0.44	0.56	0.42	0.01	0.04
4.13	0.44	0.56	0.42	0.01	0.04	4.14	0.45	0.55	0.42	0.01	0.04
4.15	0.45	0.55	0.43	0.01	0.04	4.16	0.46	0.54	0.43	0.01	0.04
4.17	0.46	0.54	0.43	0.01	0.04	4.18	0.46	0.54	0.44	0.01	0.04
4.19	0.47	0.53	0.45	0.01	0.04	4.20	0.48	0.52	0.46	0.01	0.04
4.21	0.49	0.51	0.46	0.01	0.04	4.22	0.49	0.51	0.47	0.01	0.04
4.23	0.49	0.51	0.47	0.01	0.04	4.24	0.48	0.52	0.46	0.01	0.04
4.25	0.48	0.52	0.46	0.01	0.04	4.26	0.47	0.53	0.45	0.01	0.04
4.27	0.48	0.52	0.46	0.01	0.04	4.28	0.48	0.52	0.45	0.01	0.04
4.29	0.48	0.52	0.45	0.01	0.04	4.30	0.48	0.52	0.45	0.01	0.04
4.31	0.47	0.53	0.45	0.01	0.04	4.32	0.48	0.52	0.45	0.01	0.04
4.33	0.47	0.53	0.45	0.01	0.04	4.34	0.47	0.53	0.44	0.01	0.04
4.35	0.46	0.54	0.44	0.01	0.04	4.36	0.46	0.54	0.43	0.01	0.04
4.37	0.45	0.55	0.43	0.01	0.04	4.38	0.45	0.55	0.42	0.01	0.04
4.39	0.45	0.55	0.43	0.01	0.04	4.40	0.49	0.51	0.47	0.01	0.04
4.41	0.51	0.49	0.50	0.01	0.04	4.42	0.55	0.45	0.55	0.01	0.03
4.43	0.55	0.45	0.54	0.01	0.04	4.44	0.56	0.44	0.56	0.01	0.03
4.45	0.55	0.45	0.55	0.01	0.03	4.46	0.53	0.47	0.51	0.01	0.04
4.47	0.53	0.47	0.51	0.01	0.04	4.48	0.51	0.49	0.50	0.01	0.04
4.49	0.50	0.50	0.48	0.01	0.04	4.50	0.50	0.50	0.48	0.01	0.04
4.51	0.50	0.50	0.48	0.01	0.04	4.52	0.50	0.50	0.48	0.01	0.04
4.53	0.49	0.51	0.47	0.01	0.04	4.54	0.49	0.51	0.47	0.01	0.04
4.55	0.49	0.51	0.46	0.01	0.04	4.56	0.49	0.51	0.47	0.01	0.04
4.57	0.48	0.52	0.46	0.01	0.04	4.58	0.49	0.51	0.47	0.01	0.04
4.59	0.50	0.50	0.47	0.01	0.04	4.60	0.50	0.50	0.48	0.01	0.04
4.61	0.52	0.48	0.50	0.01	0.04	4.62	0.51	0.49	0.49	0.01	0.04
4.63	0.53	0.47	0.51	0.01	0.04	4.64	0.53	0.47	0.51	0.01	0.04
4.65	0.53	0.47	0.51	0.01	0.04	4.66	0.53	0.47	0.52	0.01	0.04
4.67	0.52	0.48	0.51	0.01	0.04	4.68	0.53	0.47	0.52	0.01	0.04
4.69	0.53	0.47	0.51	0.01	0.04	4.70	0.52	0.48	0.51	0.01	0.04
4.71	0.53	0.47	0.51	0.01	0.04	4.72	0.51	0.49	0.49	0.01	0.04
4.73	0.52	0.48	0.50	0.01	0.04	4.74	0.52	0.48	0.50	0.01	0.04
4.75	0.50	0.50	0.48	0.01	0.04	4.76	0.50	0.50	0.48	0.01	0.04
4.77	0.48	0.52	0.45	0.01	0.04	4.78	0.49	0.51	0.46	0.01	0.04
4.79	0.48	0.52	0.45	0.01	0.04	4.80	0.47	0.53	0.45	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.49	0.51	0.47	0.01	0.04	4.82	0.50	0.50	0.48	0.01	0.04
4.83	0.53	0.47	0.52	0.01	0.04	4.84	0.52	0.48	0.50	0.01	0.04
4.85	0.52	0.48	0.51	0.01	0.04	4.86	0.53	0.47	0.52	0.01	0.04
4.87	0.52	0.48	0.51	0.01	0.04	4.88	0.53	0.47	0.52	0.01	0.04
4.89	0.51	0.49	0.49	0.01	0.04	4.90	0.51	0.49	0.49	0.01	0.04
4.91	0.47	0.53	0.45	0.01	0.04	4.92	0.46	0.54	0.44	0.01	0.04
4.93	0.43	0.57	0.41	0.01	0.04	4.94	0.43	0.57	0.41	0.01	0.04
4.95	0.44	0.56	0.42	0.01	0.04	4.96	0.48	0.52	0.46	0.01	0.04
4.97	0.51	0.49	0.49	0.01	0.04	4.98	0.54	0.46	0.53	0.01	0.03
4.99	0.54	0.46	0.53	0.01	0.03	5.00	0.54	0.46	0.52	0.01	0.03
5.01	0.53	0.47	0.51	0.01	0.04	5.02	0.50	0.50	0.48	0.01	0.04
5.03	0.50	0.50	0.48	0.01	0.04	5.04	0.48	0.52	0.45	0.01	0.04
5.05	0.48	0.52	0.45	0.01	0.04	5.06	0.42	0.58	0.40	0.01	0.04
5.07	0.42	0.58	0.40	0.01	0.04	5.08	0.41	0.59	0.40	0.01	0.04
5.09	0.45	0.55	0.43	0.01	0.04	5.10	0.46	0.54	0.43	0.01	0.04
5.11	0.49	0.51	0.46	0.01	0.04	5.12	0.49	0.51	0.47	0.01	0.04
5.13	0.49	0.51	0.47	0.01	0.04	5.14	0.50	0.50	0.48	0.01	0.04
5.15	0.48	0.52	0.46	0.01	0.04	5.16	0.49	0.51	0.47	0.01	0.04
5.17	0.49	0.51	0.46	0.01	0.04	5.18	0.50	0.50	0.47	0.01	0.04
5.19	0.51	0.49	0.48	0.01	0.04	5.20	0.54	0.46	0.53	0.01	0.03
5.21	0.53	0.47	0.52	0.01	0.03	5.22	0.54	0.46	0.53	0.01	0.03
5.23	0.55	0.45	0.55	0.01	0.03	5.24	0.54	0.46	0.53	0.01	0.03
5.25	0.54	0.46	0.52	0.01	0.03	5.26	0.54	0.46	0.52	0.01	0.03
5.27	0.53	0.47	0.52	0.01	0.03	5.28	0.52	0.48	0.51	0.01	0.04
5.29	0.51	0.49	0.49	0.01	0.04	5.30	0.50	0.50	0.48	0.01	0.04
5.31	0.50	0.50	0.48	0.01	0.04	5.32	0.50	0.50	0.48	0.01	0.04
5.33	0.49	0.51	0.46	0.01	0.04	5.34	0.49	0.51	0.47	0.01	0.04
5.35	0.48	0.52	0.46	0.01	0.04	5.36	0.48	0.52	0.46	0.01	0.04
5.37	0.48	0.52	0.46	0.01	0.04	5.38	0.48	0.52	0.46	0.01	0.04
5.39	0.48	0.52	0.45	0.01	0.04	5.40	0.48	0.52	0.45	0.01	0.04
5.41	0.49	0.51	0.47	0.01	0.04	5.42	0.48	0.52	0.46	0.01	0.04
5.43	0.49	0.51	0.47	0.01	0.04	5.44	0.53	0.47	0.51	0.01	0.03
5.45	0.51	0.49	0.49	0.01	0.04	5.46	0.54	0.46	0.53	0.01	0.03
5.47	0.49	0.51	0.47	0.01	0.04	5.48	0.48	0.52	0.46	0.01	0.04
5.49	0.47	0.53	0.45	0.01	0.04	5.50	0.46	0.54	0.44	0.01	0.04
5.51	0.46	0.54	0.44	0.01	0.04	5.52	0.46	0.54	0.44	0.01	0.04
5.53	0.45	0.55	0.43	0.01	0.04	5.54	0.44	0.56	0.42	0.01	0.04
5.55	0.44	0.56	0.42	0.01	0.04	5.56	0.43	0.57	0.41	0.01	0.04
5.57	0.43	0.57	0.41	0.01	0.04	5.58	0.43	0.57	0.41	0.01	0.04
5.59	0.43	0.57	0.41	0.01	0.04	5.60	0.43	0.57	0.41	0.01	0.04
5.61	0.45	0.55	0.43	0.01	0.04	5.62	0.45	0.55	0.42	0.01	0.04
5.63	0.46	0.54	0.44	0.01	0.04	5.64	0.49	0.51	0.46	0.01	0.04
5.65	0.49	0.51	0.47	0.01	0.04	5.66	0.49	0.51	0.47	0.01	0.04
5.67	0.49	0.51	0.47	0.01	0.04	5.68	0.49	0.51	0.46	0.01	0.04
5.69	0.47	0.53	0.45	0.01	0.04	5.70	0.47	0.53	0.45	0.01	0.04
5.71	0.48	0.52	0.45	0.01	0.04	5.72	0.48	0.52	0.45	0.01	0.04
5.73	0.47	0.53	0.45	0.01	0.04	5.74	0.46	0.54	0.44	0.01	0.04
5.75	0.46	0.54	0.43	0.01	0.04	5.76	0.45	0.55	0.43	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.45	0.55	0.43	0.01	0.04	5.78	0.45	0.55	0.43	0.01	0.04
5.79	0.44	0.56	0.41	0.01	0.04	5.80	0.45	0.55	0.43	0.01	0.04
5.81	0.44	0.56	0.42	0.01	0.04	5.82	0.47	0.53	0.44	0.01	0.04
5.83	0.48	0.52	0.45	0.01	0.04	5.84	0.48	0.52	0.46	0.01	0.04
5.85	0.50	0.50	0.48	0.01	0.04	5.86	0.49	0.51	0.47	0.01	0.04
5.87	0.50	0.50	0.48	0.01	0.04	5.88	0.49	0.51	0.47	0.01	0.04
5.89	0.49	0.51	0.47	0.01	0.04	5.90	0.48	0.52	0.46	0.01	0.04
5.91	0.50	0.50	0.48	0.01	0.04	5.92	0.46	0.54	0.44	0.01	0.04
5.93	0.44	0.56	0.42	0.01	0.04	5.94	0.46	0.54	0.44	0.01	0.04
5.95	0.49	0.51	0.47	0.01	0.04	5.96	0.54	0.46	0.53	0.01	0.03
5.97	0.54	0.46	0.53	0.01	0.03	5.98	0.60	0.40	0.64	0.01	0.03
5.99	0.64	0.36	0.73	0.01	0.02	6.00	0.69	0.31	0.90	0.01	0.02
6.01	0.69	0.31	0.89	0.01	0.02	6.02	0.70	0.30	0.91	0.01	0.02
6.03	0.72	0.28	1.01	0.01	0.02	6.04	0.69	0.31	0.90	0.01	0.02
6.05	0.69	0.31	0.89	0.01	0.02	6.06	0.66	0.34	0.78	0.01	0.02
6.07	0.66	0.34	0.78	0.01	0.02	6.08	0.62	0.38	0.67	0.01	0.03
6.09	0.62	0.38	0.66	0.01	0.03	6.10	0.56	0.44	0.56	0.01	0.03
6.11	0.53	0.47	0.51	0.01	0.03	6.12	0.47	0.53	0.44	0.01	0.04
6.13	0.48	0.52	0.46	0.01	0.04	6.14	0.50	0.50	0.48	0.01	0.03
6.15	0.52	0.48	0.50	0.01	0.03	6.16	0.57	0.43	0.57	0.01	0.03
6.17	0.54	0.46	0.53	0.01	0.03	6.18	0.57	0.43	0.58	0.01	0.03
6.19	0.54	0.46	0.54	0.01	0.03	6.20	0.55	0.45	0.54	0.01	0.03
6.21	0.52	0.48	0.50	0.01	0.03	6.22	0.53	0.47	0.52	0.01	0.03
6.23	0.52	0.48	0.50	0.01	0.03	6.24	0.52	0.48	0.50	0.01	0.03
6.25	0.54	0.46	0.53	0.01	0.03	6.26	0.56	0.44	0.56	0.01	0.03
6.27	0.61	0.39	0.65	0.01	0.03	6.28	0.59	0.41	0.61	0.01	0.03
6.29	0.63	0.37	0.69	0.01	0.03	6.30	0.61	0.39	0.65	0.01	0.03
6.31	0.62	0.38	0.67	0.01	0.03	6.32	0.60	0.40	0.62	0.01	0.03
6.33	0.58	0.42	0.59	0.01	0.03	6.34	0.55	0.45	0.54	0.01	0.03
6.35	0.50	0.50	0.48	0.01	0.03	6.36	0.48	0.52	0.45	0.01	0.04
6.37	0.45	0.55	0.43	0.01	0.04	6.38	0.44	0.56	0.42	0.01	0.04
6.39	0.43	0.57	0.41	0.01	0.04	6.40	0.43	0.57	0.41	0.01	0.04
6.41	0.43	0.57	0.41	0.01	0.04	6.42	0.43	0.57	0.41	0.01	0.04
6.43	0.44	0.56	0.41	0.01	0.04	6.44	0.44	0.56	0.42	0.01	0.04
6.45	0.44	0.56	0.42	0.01	0.04	6.46	0.44	0.56	0.42	0.01	0.04
6.47	0.44	0.56	0.42	0.01	0.04	6.48	0.44	0.56	0.42	0.01	0.04
6.49	0.44	0.56	0.42	0.01	0.04	6.50	0.44	0.56	0.42	0.01	0.04
6.51	0.44	0.56	0.41	0.01	0.04	6.52	0.44	0.56	0.41	0.01	0.04
6.53	0.44	0.56	0.42	0.01	0.04	6.54	0.44	0.56	0.42	0.01	0.04
6.55	0.44	0.56	0.42	0.01	0.04	6.56	0.44	0.56	0.42	0.01	0.04
6.57	0.44	0.56	0.42	0.01	0.04	6.58	0.44	0.56	0.42	0.01	0.04
6.59	0.44	0.56	0.42	0.01	0.04	6.60	0.45	0.55	0.43	0.01	0.04
6.61	0.45	0.55	0.43	0.01	0.04	6.62	0.47	0.53	0.44	0.01	0.04
6.63	0.48	0.52	0.45	0.01	0.03	6.64	0.48	0.52	0.45	0.01	0.03
6.65	0.49	0.51	0.47	0.01	0.03	6.66	0.49	0.51	0.47	0.01	0.03
6.67	0.49	0.51	0.47	0.01	0.03	6.68	0.49	0.51	0.47	0.01	0.03
6.69	0.49	0.51	0.47	0.01	0.03	6.70	0.49	0.51	0.47	0.01	0.03
6.71	0.49	0.51	0.47	0.01	0.03	6.72	0.49	0.51	0.47	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.50	0.50	0.47	0.01	0.03	6.74	0.49	0.51	0.47	0.01	0.03
6.75	0.49	0.51	0.47	0.01	0.03	6.76	0.49	0.51	0.46	0.01	0.03
6.77	0.49	0.51	0.46	0.01	0.03	6.78	0.48	0.52	0.46	0.01	0.03
6.79	0.47	0.53	0.45	0.01	0.03	6.80	0.46	0.54	0.44	0.01	0.04
6.81	0.44	0.56	0.42	0.01	0.04	6.82	0.43	0.57	0.41	0.01	0.04
6.83	0.42	0.58	0.40	0.01	0.04	6.84	0.41	0.59	0.39	0.01	0.04
6.85	0.41	0.59	0.39	0.01	0.04	6.86	0.41	0.59	0.40	0.01	0.04
6.87	0.42	0.58	0.40	0.01	0.04	6.88	0.42	0.58	0.40	0.01	0.04
6.89	0.43	0.57	0.41	0.01	0.04	6.90	0.43	0.57	0.41	0.01	0.04
6.91	0.43	0.57	0.41	0.01	0.04	6.92	0.44	0.56	0.42	0.01	0.04
6.93	0.44	0.56	0.42	0.01	0.04	6.94	0.44	0.56	0.41	0.01	0.04
6.95	0.43	0.57	0.41	0.01	0.04	6.96	0.43	0.57	0.41	0.01	0.04
6.97	0.43	0.57	0.41	0.01	0.04	6.98	0.42	0.58	0.40	0.01	0.04
6.99	0.42	0.58	0.40	0.01	0.04	7.00	0.42	0.58	0.40	0.01	0.04
7.01	0.41	0.59	0.39	0.01	0.04	7.02	0.41	0.59	0.39	0.01	0.04
7.03	0.39	0.61	0.38	0.01	0.04	7.04	0.38	0.62	0.37	0.01	0.04
7.05	0.37	0.63	0.37	0.01	0.04	7.06	0.37	0.63	0.37	0.01	0.04
7.07	0.38	0.62	0.37	0.01	0.04	7.08	0.38	0.62	0.37	0.01	0.04
7.09	0.39	0.61	0.38	0.01	0.04	7.10	0.39	0.61	0.38	0.01	0.04
7.11	0.40	0.60	0.38	0.01	0.04	7.12	0.41	0.59	0.39	0.01	0.04
7.13	0.41	0.59	0.39	0.01	0.04	7.14	0.42	0.58	0.40	0.01	0.04
7.15	0.42	0.58	0.40	0.01	0.04	7.16	0.42	0.58	0.40	0.01	0.04
7.17	0.42	0.58	0.40	0.01	0.04	7.18	0.43	0.57	0.41	0.01	0.04
7.19	0.43	0.57	0.41	0.01	0.04	7.20	0.43	0.57	0.41	0.01	0.04
7.21	0.43	0.57	0.41	0.01	0.04	7.22	0.44	0.56	0.42	0.01	0.04
7.23	0.44	0.56	0.42	0.01	0.04	7.24	0.44	0.56	0.42	0.01	0.04
7.25	0.44	0.56	0.42	0.01	0.04	7.26	0.45	0.55	0.42	0.01	0.04
7.27	0.45	0.55	0.43	0.01	0.04	7.28	0.45	0.55	0.42	0.01	0.04
7.29	0.45	0.55	0.43	0.01	0.03	7.30	0.45	0.55	0.43	0.01	0.03
7.31	0.45	0.55	0.43	0.01	0.03	7.32	0.45	0.55	0.43	0.01	0.03
7.33	0.45	0.55	0.43	0.01	0.03	7.34	0.45	0.55	0.43	0.01	0.03
7.35	0.45	0.55	0.43	0.01	0.03	7.36	0.45	0.55	0.43	0.01	0.03
7.37	0.45	0.55	0.43	0.01	0.03	7.38	0.45	0.55	0.43	0.01	0.03
7.39	0.44	0.56	0.42	0.01	0.04	7.40	0.44	0.56	0.42	0.01	0.04
7.41	0.44	0.56	0.42	0.01	0.04	7.42	0.43	0.57	0.41	0.01	0.04
7.43	0.43	0.57	0.41	0.01	0.04	7.44	0.42	0.58	0.40	0.01	0.04
7.45	0.42	0.58	0.40	0.01	0.04	7.46	0.41	0.59	0.40	0.01	0.04
7.47	0.42	0.58	0.40	0.01	0.04	7.48	0.41	0.59	0.39	0.01	0.04
7.49	0.41	0.59	0.39	0.01	0.04	7.50	0.41	0.59	0.39	0.01	0.04
7.51	0.41	0.59	0.39	0.01	0.04	7.52	0.41	0.59	0.39	0.01	0.04
7.53	0.42	0.58	0.40	0.01	0.04	7.54	0.42	0.58	0.40	0.01	0.04
7.55	0.42	0.58	0.40	0.01	0.04	7.56	0.43	0.57	0.41	0.01	0.04
7.57	0.43	0.57	0.41	0.01	0.04	7.58	0.44	0.56	0.42	0.01	0.03
7.59	0.44	0.56	0.42	0.01	0.03	7.60	0.45	0.55	0.42	0.01	0.03
7.61	0.45	0.55	0.43	0.01	0.03	7.62	0.45	0.55	0.43	0.01	0.03
7.63	0.45	0.55	0.43	0.01	0.03	7.64	0.45	0.55	0.43	0.01	0.03
7.65	0.44	0.56	0.42	0.01	0.03	7.66	0.44	0.56	0.42	0.01	0.03
7.67	0.43	0.57	0.41	0.01	0.03	7.68	0.43	0.57	0.41	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.43	0.57	0.41	0.01	0.04	7.70	0.43	0.57	0.41	0.01	0.04
7.71	0.42	0.58	0.40	0.01	0.04	7.72	0.42	0.58	0.40	0.01	0.04
7.73	0.41	0.59	0.40	0.01	0.04	7.74	0.42	0.58	0.40	0.01	0.04
7.75	0.42	0.58	0.40	0.01	0.04	7.76	0.42	0.58	0.40	0.01	0.04
7.77	0.43	0.57	0.41	0.01	0.03	7.78	0.44	0.56	0.41	0.01	0.03
7.79	0.44	0.56	0.42	0.01	0.03	7.80	0.45	0.55	0.42	0.01	0.03
7.81	0.45	0.55	0.43	0.01	0.03	7.82	0.46	0.54	0.44	0.01	0.03
7.83	0.47	0.53	0.45	0.01	0.03	7.84	0.47	0.53	0.45	0.01	0.03
7.85	0.48	0.52	0.46	0.01	0.03	7.86	0.50	0.50	0.47	0.01	0.03
7.87	0.51	0.49	0.49	0.01	0.03	7.88	0.51	0.49	0.49	0.01	0.03
7.89	0.52	0.48	0.50	0.01	0.03	7.90	0.50	0.50	0.48	0.01	0.03
7.91	0.51	0.49	0.48	0.01	0.03	7.92	0.47	0.53	0.45	0.01	0.03
7.93	0.47	0.53	0.45	0.01	0.03	7.94	0.45	0.55	0.43	0.01	0.03
7.95	0.45	0.55	0.43	0.01	0.03	7.96	0.46	0.54	0.43	0.01	0.03
7.97	0.46	0.54	0.43	0.01	0.03	7.98	0.46	0.54	0.43	0.01	0.03
7.99	0.46	0.54	0.43	0.01	0.03	8.00	0.46	0.54	0.43	0.01	0.03
8.01	0.45	0.55	0.43	0.01	0.03	8.02	0.45	0.55	0.43	0.01	0.03
8.03	0.41	0.59	0.39	0.01	0.04	8.04	0.42	0.58	0.40	0.01	0.03
8.05	0.43	0.57	0.41	0.01	0.03	8.06	0.43	0.57	0.41	0.01	0.03
8.07	0.44	0.56	0.42	0.01	0.03	8.08	0.44	0.56	0.42	0.01	0.03
8.09	0.45	0.55	0.42	0.01	0.03	8.10	0.45	0.55	0.42	0.01	0.03
8.11	0.45	0.55	0.43	0.01	0.03	8.12	0.46	0.54	0.43	0.01	0.03
8.13	0.46	0.54	0.44	0.01	0.03	8.14	0.47	0.53	0.44	0.01	0.03
8.15	0.47	0.53	0.44	0.01	0.03	8.16	0.47	0.53	0.45	0.01	0.03
8.17	0.48	0.52	0.45	0.01	0.03	8.18	0.49	0.51	0.46	0.01	0.03
8.19	0.49	0.51	0.46	0.01	0.03	8.20	0.49	0.51	0.46	0.01	0.03
8.21	0.48	0.52	0.45	0.01	0.03	8.22	0.47	0.53	0.45	0.01	0.03
8.23	0.46	0.54	0.43	0.01	0.03	8.24	0.46	0.54	0.44	0.01	0.03
8.25	0.46	0.54	0.43	0.01	0.03	8.26	0.45	0.55	0.43	0.01	0.03
8.27	0.46	0.54	0.44	0.01	0.03	8.28	0.46	0.54	0.44	0.01	0.03
8.29	0.47	0.53	0.44	0.01	0.03	8.30	0.47	0.53	0.45	0.01	0.03
8.31	0.47	0.53	0.45	0.01	0.03	8.32	0.47	0.53	0.45	0.01	0.03
8.33	0.48	0.52	0.45	0.01	0.03	8.34	0.48	0.52	0.45	0.01	0.03
8.35	0.47	0.53	0.45	0.01	0.03	8.36	0.47	0.53	0.45	0.01	0.03
8.37	0.47	0.53	0.44	0.01	0.03	8.38	0.47	0.53	0.44	0.01	0.03
8.39	0.47	0.53	0.44	0.01	0.03	8.40	0.46	0.54	0.44	0.01	0.03
8.41	0.46	0.54	0.43	0.01	0.03	8.42	0.45	0.55	0.43	0.01	0.03
8.43	0.44	0.56	0.42	0.01	0.03	8.44	0.44	0.56	0.42	0.01	0.03
8.45	0.44	0.56	0.42	0.01	0.03	8.46	0.44	0.56	0.42	0.01	0.03
8.47	0.45	0.55	0.43	0.01	0.03	8.48	0.45	0.55	0.43	0.01	0.03
8.49	0.47	0.53	0.45	0.01	0.03	8.50	0.46	0.54	0.44	0.01	0.03
8.51	0.47	0.53	0.45	0.01	0.03	8.52	0.47	0.53	0.44	0.01	0.03
8.53	0.47	0.53	0.45	0.01	0.03	8.54	0.47	0.53	0.45	0.01	0.03
8.55	0.47	0.53	0.45	0.01	0.03	8.56	0.48	0.52	0.45	0.01	0.03
8.57	0.48	0.52	0.45	0.01	0.03	8.58	0.48	0.52	0.46	0.01	0.03
8.59	0.48	0.52	0.46	0.01	0.03	8.60	0.48	0.52	0.46	0.01	0.03
8.61	0.48	0.52	0.46	0.01	0.03	8.62	0.48	0.52	0.46	0.01	0.03
8.63	0.48	0.52	0.45	0.01	0.03	8.64	0.48	0.52	0.46	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	0.48	0.52	0.45	0.01	0.03	8.66	0.47	0.53	0.45	0.01	0.03
8.67	0.44	0.56	0.42	0.01	0.03	8.68	0.45	0.55	0.43	0.01	0.03
8.69	0.44	0.56	0.42	0.01	0.03	8.70	0.43	0.57	0.41	0.01	0.03
8.71	0.42	0.58	0.40	0.01	0.03	8.72	0.42	0.58	0.40	0.01	0.03
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	0.42	0.58	0.40	0.01	0.02	12.54	0.45	0.55	0.43	0.01	0.02
12.55	0.46	0.54	0.44	0.01	0.02	12.56	0.49	0.51	0.46	0.01	0.02
12.57	0.48	0.52	0.46	0.01	0.02	12.58	0.49	0.51	0.47	0.01	0.02
12.59	0.50	0.50	0.48	0.01	0.02	12.60	0.50	0.50	0.48	0.01	0.02
12.61	0.50	0.50	0.48	0.01	0.02	12.62	0.49	0.51	0.46	0.01	0.02
12.63	0.49	0.51	0.46	0.01	0.02	12.64	0.48	0.52	0.46	0.01	0.02
12.65	0.48	0.52	0.45	0.01	0.02	12.66	0.48	0.52	0.46	0.01	0.02
12.67	0.47	0.53	0.45	0.01	0.02	12.68	0.47	0.53	0.45	0.01	0.02
12.69	0.46	0.54	0.43	0.01	0.02	12.70	0.46	0.54	0.44	0.01	0.02
12.71	0.46	0.54	0.44	0.01	0.02	12.72	0.46	0.54	0.44	0.01	0.02
12.73	0.46	0.54	0.44	0.01	0.02	12.74	0.45	0.55	0.43	0.01	0.02
12.75	0.46	0.54	0.44	0.01	0.02	12.76	0.46	0.54	0.43	0.01	0.02
12.77	0.46	0.54	0.44	0.01	0.02	12.78	0.45	0.55	0.43	0.01	0.02
12.79	0.46	0.54	0.43	0.01	0.02	12.80	0.46	0.54	0.44	0.01	0.02
12.81	0.47	0.53	0.45	0.01	0.02	12.82	0.48	0.52	0.46	0.01	0.02
12.83	0.51	0.49	0.49	0.01	0.02	12.84	0.51	0.49	0.49	0.01	0.02
12.85	0.48	0.52	0.46	0.01	0.02	12.86	0.48	0.52	0.45	0.01	0.02
12.87	0.52	0.48	0.50	0.01	0.02	12.88	0.49	0.51	0.46	0.01	0.02
12.89	0.47	0.53	0.45	0.01	0.02	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00

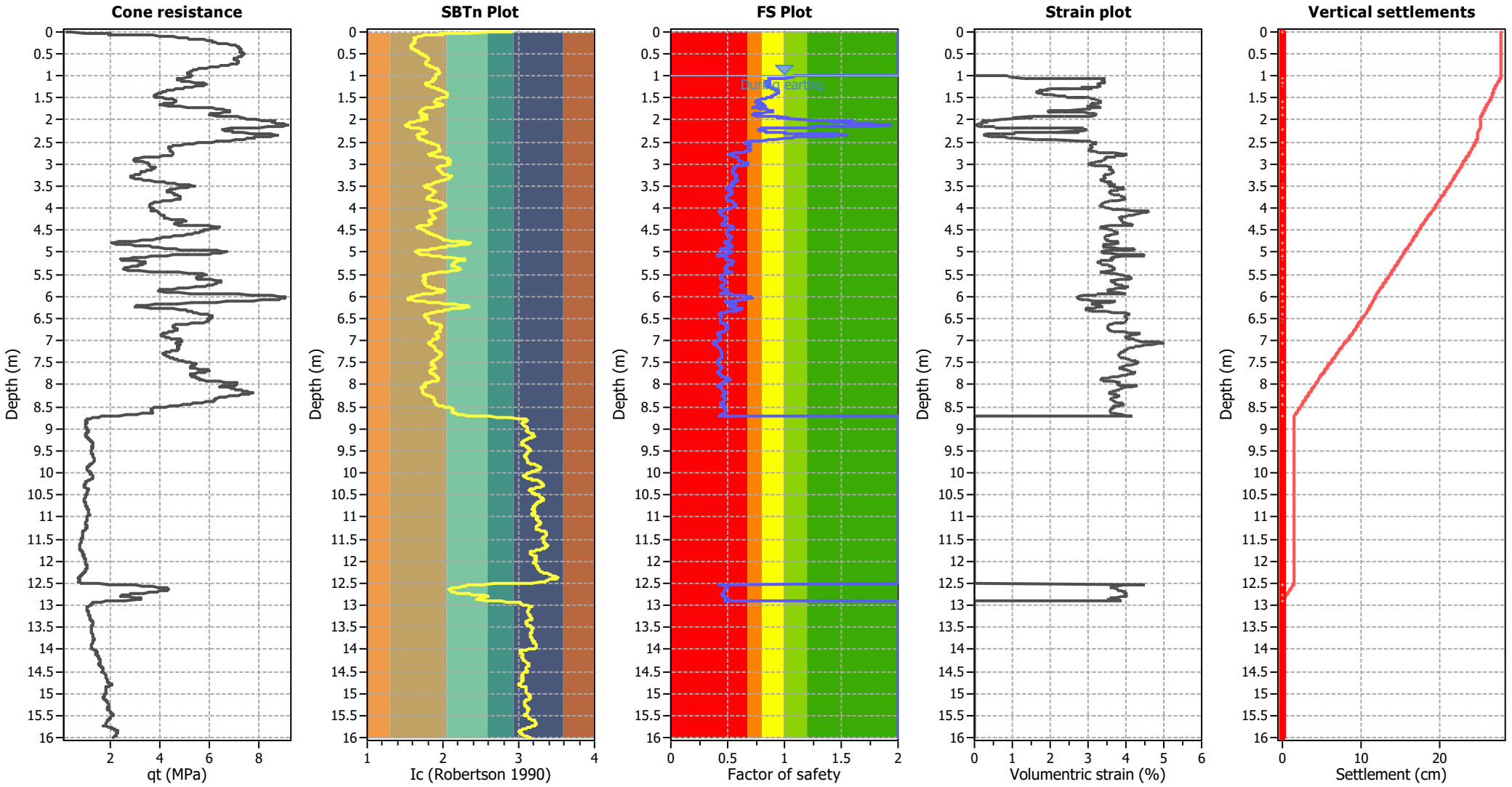
Overall liquefaction potential: 24.46

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	110.80	2.00	0.00	1.00	0.00	1.01	109.94	1.10	0.87	1.00	0.01
1.02	108.98	1.08	0.94	1.00	0.01	1.03	109.50	1.08	0.93	1.00	0.01
1.04	109.38	1.07	0.96	1.00	0.01	1.05	105.08	1.01	1.30	1.00	0.01
1.06	97.12	0.91	3.12	1.00	0.03	1.07	92.58	0.86	3.47	1.00	0.03
1.08	93.45	0.86	3.44	1.00	0.03	1.09	94.18	0.87	3.41	1.00	0.03
1.10	95.11	0.87	3.38	1.00	0.03	1.11	94.93	0.87	3.39	1.00	0.03
1.12	96.53	0.88	3.33	1.00	0.03	1.13	93.01	0.84	3.46	1.00	0.03
1.14	94.20	0.85	3.41	1.00	0.03	1.15	92.53	0.83	3.48	1.00	0.03
1.16	95.97	0.86	3.35	1.00	0.03	1.17	94.97	0.84	3.39	1.00	0.03
1.18	96.59	0.85	3.33	1.00	0.03	1.19	99.26	0.88	3.24	1.00	0.03
1.20	99.45	0.88	3.23	1.00	0.03	1.21	97.36	0.85	3.30	1.00	0.03
1.22	97.90	0.85	3.28	1.00	0.03	1.23	97.59	0.85	3.29	1.00	0.03
1.24	95.97	0.83	3.35	1.00	0.03	1.25	99.37	0.86	3.23	1.00	0.03
1.26	98.84	0.85	3.25	1.00	0.03	1.27	103.18	0.89	2.81	1.00	0.03
1.28	102.68	0.88	3.13	1.00	0.03	1.29	105.48	0.91	2.23	1.00	0.02
1.30	104.73	0.90	2.49	1.00	0.02	1.31	107.05	0.92	1.98	1.00	0.02
1.32	107.92	0.93	1.86	1.00	0.02	1.33	107.46	0.92	1.98	1.00	0.02
1.34	109.44	0.94	1.68	1.00	0.02	1.35	108.77	0.93	1.82	1.00	0.02
1.36	110.34	0.95	1.61	1.00	0.02	1.37	110.53	0.95	1.61	1.00	0.02
1.38	110.05	0.94	1.71	1.00	0.02	1.39	110.66	0.94	1.65	1.00	0.02
1.40	109.86	0.93	1.79	1.00	0.02	1.41	110.23	0.93	1.76	1.00	0.02
1.42	110.04	0.93	1.82	1.00	0.02	1.43	109.34	0.91	1.98	1.00	0.02
1.44	109.18	0.91	2.04	1.00	0.02	1.45	108.69	0.90	2.18	1.00	0.02
1.46	108.76	0.90	2.20	1.00	0.02	1.47	108.08	0.89	2.42	1.00	0.02
1.48	108.17	0.89	2.44	1.00	0.02	1.49	106.86	0.87	2.93	1.00	0.03
1.50	107.88	0.88	2.62	1.00	0.03	1.51	105.31	0.85	3.05	1.00	0.03
1.52	104.17	0.83	3.08	1.00	0.03	1.53	103.95	0.83	3.09	1.00	0.03
1.54	100.87	0.79	3.18	1.00	0.03	1.55	99.95	0.78	3.21	1.00	0.03
1.56	98.09	0.76	3.28	1.00	0.03	1.57	97.46	0.76	3.30	1.00	0.03
1.58	96.43	0.75	3.33	1.00	0.03	1.59	96.53	0.74	3.33	1.00	0.03
1.60	96.30	0.74	3.34	1.00	0.03	1.61	97.74	0.75	3.29	1.00	0.03
1.62	99.78	0.77	3.22	1.00	0.03	1.63	100.94	0.78	3.18	1.00	0.03
1.64	104.47	0.81	3.07	1.00	0.03	1.65	103.82	0.80	3.09	1.00	0.03
1.66	105.70	0.82	3.03	1.00	0.03	1.67	105.38	0.81	3.04	1.00	0.03
1.68	103.37	0.79	3.11	1.00	0.03	1.69	107.62	0.83	2.98	1.00	0.03
1.70	99.82	0.75	3.22	1.00	0.03	1.71	96.40	0.72	3.33	1.00	0.03
1.72	97.51	0.73	3.30	1.00	0.03	1.73	98.73	0.74	3.26	1.00	0.03
1.74	104.26	0.79	3.08	1.00	0.03	1.75	104.24	0.79	3.08	1.00	0.03
1.76	106.42	0.81	3.01	1.00	0.03	1.77	110.16	0.85	2.91	1.00	0.03
1.78	111.81	0.86	2.52	1.00	0.03	1.79	114.37	0.89	1.96	1.00	0.02
1.80	114.37	0.89	1.98	1.00	0.02	1.81	114.84	0.90	1.92	1.00	0.02
1.82	113.05	0.87	2.30	1.00	0.02	1.83	110.95	0.84	2.89	1.00	0.03
1.84	106.04	0.79	3.02	1.00	0.03	1.85	106.04	0.79	3.02	1.00	0.03
1.86	104.16	0.77	3.08	1.00	0.03	1.87	100.65	0.73	3.19	1.00	0.03
1.88	99.02	0.72	3.25	1.00	0.03	1.89	100.44	0.73	3.20	1.00	0.03
1.90	100.56	0.73	3.19	1.00	0.03	1.91	103.58	0.75	3.10	1.00	0.03
1.92	113.75	0.86	2.37	1.00	0.02	1.93	119.14	0.94	1.49	1.00	0.01
1.94	125.06	1.03	1.00	1.00	0.01	1.95	125.06	1.03	1.01	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	119.10	0.93	1.52	1.00	0.02	1.97	121.07	0.96	1.33	1.00	0.01
1.98	129.31	1.11	0.78	1.00	0.01	1.99	128.83	1.10	0.81	1.00	0.01
2.00	130.77	1.14	0.72	1.00	0.01	2.01	137.01	1.29	0.48	1.00	0.00
2.02	140.83	1.41	0.35	1.00	0.00	2.03	146.28	1.60	0.20	1.00	0.00
2.04	146.28	1.60	0.20	1.00	0.00	2.05	141.07	1.41	0.35	1.00	0.00
2.06	141.07	1.40	0.36	1.00	0.00	2.07	144.81	1.53	0.25	1.00	0.00
2.08	145.66	1.57	0.22	1.00	0.00	2.09	147.85	1.65	0.17	1.00	0.00
2.10	149.88	1.74	0.12	1.00	0.00	2.11	153.55	1.93	0.03	1.00	0.00
2.12	153.55	1.93	0.03	1.00	0.00	2.13	153.70	1.94	0.03	1.00	0.00
2.14	149.41	1.71	0.13	1.00	0.00	2.15	145.43	1.54	0.24	1.00	0.00
2.16	136.69	1.25	0.53	1.00	0.01	2.17	136.69	1.25	0.53	1.00	0.01
2.18	127.41	1.04	0.97	1.00	0.01	2.19	121.64	0.94	1.44	1.00	0.01
2.20	111.42	0.80	2.87	1.00	0.03	2.21	111.42	0.80	2.87	1.00	0.03
2.22	108.77	0.77	2.95	1.00	0.03	2.23	108.77	0.77	2.95	1.00	0.03
2.24	110.87	0.79	2.89	1.00	0.03	2.25	115.16	0.84	2.67	1.00	0.03
2.26	115.16	0.84	2.69	1.00	0.03	2.27	117.34	0.86	2.15	1.00	0.02
2.28	116.67	0.85	2.32	1.00	0.02	2.29	114.84	0.83	2.78	1.00	0.03
2.30	127.08	1.01	1.05	1.00	0.01	2.31	126.71	1.01	1.08	1.00	0.01
2.32	133.50	1.15	0.70	1.00	0.01	2.33	143.94	1.45	0.32	1.00	0.00
2.34	146.81	1.55	0.23	1.00	0.00	2.35	145.52	1.50	0.27	1.00	0.00
2.36	145.39	1.49	0.28	1.00	0.00	2.37	140.28	1.32	0.44	1.00	0.00
2.38	137.48	1.24	0.55	1.00	0.01	2.39	131.77	1.10	0.80	1.00	0.01
2.40	131.77	1.10	0.80	1.00	0.01	2.41	130.45	1.07	0.88	1.00	0.01
2.42	129.67	1.05	0.93	1.00	0.01	2.43	127.80	1.01	1.05	1.00	0.01
2.44	121.55	0.90	1.63	1.00	0.02	2.45	121.55	0.90	1.64	1.00	0.02
2.46	118.75	0.86	2.09	1.00	0.02	2.47	113.31	0.79	2.82	1.00	0.03
2.48	110.27	0.76	2.90	1.00	0.03	2.49	104.10	0.70	3.08	1.00	0.03
2.50	104.37	0.70	3.07	1.00	0.03	2.51	102.13	0.68	3.14	1.00	0.03
2.52	98.91	0.65	3.25	1.00	0.03	2.53	100.68	0.67	3.19	1.00	0.03
2.54	99.03	0.65	3.24	1.00	0.03	2.55	103.15	0.69	3.11	1.00	0.03
2.56	104.74	0.70	3.06	1.00	0.03	2.57	103.91	0.69	3.09	1.00	0.03
2.58	105.80	0.71	3.03	1.00	0.03	2.59	104.46	0.69	3.07	1.00	0.03
2.60	104.99	0.70	3.06	1.00	0.03	2.61	104.40	0.69	3.07	1.00	0.03
2.62	103.42	0.68	3.10	1.00	0.03	2.63	103.24	0.68	3.11	1.00	0.03
2.64	103.58	0.68	3.10	1.00	0.03	2.65	103.70	0.68	3.10	1.00	0.03
2.66	104.55	0.69	3.07	1.00	0.03	2.67	105.82	0.70	3.03	1.00	0.03
2.68	106.38	0.70	3.01	1.00	0.03	2.69	106.91	0.71	3.00	1.00	0.03
2.70	105.87	0.70	3.03	1.00	0.03	2.71	104.59	0.69	3.07	1.00	0.03
2.72	100.63	0.65	3.19	1.00	0.03	2.73	98.48	0.64	3.26	1.00	0.03
2.74	94.81	0.61	3.39	1.00	0.03	2.75	91.99	0.59	3.50	1.00	0.03
2.76	86.77	0.56	3.70	1.00	0.04	2.77	82.14	0.53	3.91	1.00	0.04
2.78	80.29	0.52	4.00	1.00	0.04	2.79	79.32	0.52	4.04	1.00	0.04
2.80	81.14	0.53	3.95	1.00	0.04	2.81	81.70	0.53	3.93	1.00	0.04
2.82	87.02	0.56	3.69	1.00	0.04	2.83	86.17	0.55	3.73	1.00	0.04
2.84	91.83	0.58	3.50	1.00	0.04	2.85	93.37	0.59	3.44	1.00	0.03
2.86	92.03	0.58	3.49	1.00	0.03	2.87	93.67	0.59	3.43	1.00	0.03
2.88	92.30	0.58	3.48	1.00	0.03	2.89	93.24	0.59	3.45	1.00	0.03
2.90	93.95	0.59	3.42	1.00	0.03	2.91	93.56	0.59	3.44	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	94.75	0.60	3.39	1.00	0.03	2.93	96.32	0.61	3.34	1.00	0.03
2.94	95.87	0.60	3.35	1.00	0.03	2.95	96.28	0.61	3.34	1.00	0.03
2.96	99.71	0.63	3.22	1.00	0.03	2.97	101.62	0.64	3.16	1.00	0.03
2.98	104.03	0.66	3.09	1.00	0.03	2.99	105.47	0.68	3.04	1.00	0.03
3.00	106.56	0.68	3.01	1.00	0.03	3.01	106.59	0.68	3.01	1.00	0.03
3.02	105.98	0.68	3.03	1.00	0.03	3.03	101.27	0.64	3.17	1.00	0.03
3.04	97.33	0.61	3.30	1.00	0.03	3.05	92.26	0.58	3.49	1.00	0.03
3.06	90.16	0.56	3.57	1.00	0.04	3.07	90.11	0.56	3.57	1.00	0.04
3.08	89.05	0.56	3.61	1.00	0.04	3.09	89.27	0.56	3.60	1.00	0.04
3.10	89.76	0.56	3.58	1.00	0.04	3.11	89.79	0.56	3.58	1.00	0.04
3.12	90.69	0.56	3.55	1.00	0.04	3.13	89.55	0.56	3.59	1.00	0.04
3.14	87.60	0.54	3.67	1.00	0.04	3.15	88.22	0.55	3.64	1.00	0.04
3.16	87.63	0.54	3.67	1.00	0.04	3.17	88.88	0.55	3.62	1.00	0.04
3.18	88.25	0.55	3.64	1.00	0.04	3.19	87.41	0.54	3.68	1.00	0.04
3.20	88.19	0.55	3.65	1.00	0.04	3.21	88.56	0.55	3.63	1.00	0.04
3.22	89.33	0.55	3.60	1.00	0.04	3.23	90.30	0.56	3.56	1.00	0.04
3.24	90.70	0.56	3.55	1.00	0.04	3.25	93.48	0.57	3.44	1.00	0.03
3.26	92.84	0.57	3.46	1.00	0.03	3.27	94.94	0.58	3.39	1.00	0.03
3.28	93.75	0.57	3.43	1.00	0.03	3.29	93.55	0.57	3.44	1.00	0.03
3.30	93.39	0.57	3.44	1.00	0.03	3.31	93.90	0.57	3.42	1.00	0.03
3.32	93.36	0.57	3.44	1.00	0.03	3.33	93.21	0.57	3.45	1.00	0.03
3.34	95.25	0.58	3.38	1.00	0.03	3.35	94.69	0.58	3.40	1.00	0.03
3.36	96.81	0.59	3.32	1.00	0.03	3.37	95.67	0.58	3.36	1.00	0.03
3.38	94.60	0.58	3.40	1.00	0.03	3.39	94.21	0.57	3.41	1.00	0.03
3.40	89.38	0.54	3.60	1.00	0.04	3.41	90.14	0.55	3.57	1.00	0.04
3.42	89.36	0.54	3.60	1.00	0.04	3.43	90.39	0.55	3.56	1.00	0.04
3.44	91.51	0.55	3.51	1.00	0.04	3.45	87.92	0.53	3.66	1.00	0.04
3.46	90.87	0.55	3.54	1.00	0.04	3.47	85.96	0.52	3.74	1.00	0.04
3.48	87.14	0.53	3.69	1.00	0.04	3.49	90.63	0.55	3.55	1.00	0.04
3.50	90.45	0.55	3.56	1.00	0.04	3.51	87.94	0.53	3.66	1.00	0.04
3.52	87.91	0.53	3.66	1.00	0.04	3.53	86.02	0.52	3.74	1.00	0.04
3.54	84.38	0.51	3.81	1.00	0.04	3.55	80.99	0.49	3.96	1.00	0.04
3.56	82.50	0.50	3.89	1.00	0.04	3.57	81.36	0.49	3.94	1.00	0.04
3.58	84.21	0.51	3.81	1.00	0.04	3.59	84.62	0.51	3.80	1.00	0.04
3.60	85.97	0.52	3.74	1.00	0.04	3.61	88.21	0.53	3.64	1.00	0.04
3.62	89.43	0.54	3.60	1.00	0.04	3.63	90.27	0.54	3.56	1.00	0.04
3.64	89.78	0.54	3.58	1.00	0.04	3.65	90.42	0.54	3.56	1.00	0.04
3.66	89.12	0.53	3.61	1.00	0.04	3.67	89.56	0.53	3.59	1.00	0.04
3.68	88.70	0.53	3.62	1.00	0.04	3.69	87.92	0.52	3.66	1.00	0.04
3.70	86.39	0.52	3.72	1.00	0.04	3.71	83.62	0.50	3.84	1.00	0.04
3.72	83.61	0.50	3.84	1.00	0.04	3.73	82.09	0.49	3.91	1.00	0.04
3.74	82.24	0.49	3.90	1.00	0.04	3.75	81.60	0.49	3.93	1.00	0.04
3.76	80.91	0.48	3.97	1.00	0.04	3.77	81.02	0.48	3.96	1.00	0.04
3.78	80.54	0.48	3.98	1.00	0.04	3.79	80.70	0.48	3.98	1.00	0.04
3.80	80.84	0.48	3.97	1.00	0.04	3.81	81.02	0.48	3.96	1.00	0.04
3.82	84.93	0.50	3.78	1.00	0.04	3.83	84.82	0.50	3.79	1.00	0.04
3.84	88.81	0.52	3.62	1.00	0.04	3.85	90.28	0.53	3.56	1.00	0.04
3.86	91.67	0.54	3.51	1.00	0.04	3.87	94.00	0.55	3.42	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	93.58	0.55	3.44	1.00	0.03	3.89	95.11	0.56	3.38	1.00	0.03
3.90	95.17	0.56	3.38	1.00	0.03	3.91	96.08	0.57	3.35	1.00	0.03
3.92	95.87	0.57	3.35	1.00	0.03	3.93	96.37	0.57	3.34	1.00	0.03
3.94	96.82	0.57	3.32	1.00	0.03	3.95	96.71	0.57	3.32	1.00	0.03
3.96	95.87	0.56	3.35	1.00	0.03	3.97	94.87	0.56	3.39	1.00	0.03
3.98	93.75	0.55	3.43	1.00	0.03	3.99	92.96	0.54	3.46	1.00	0.03
4.00	91.75	0.54	3.51	1.00	0.04	4.01	89.94	0.52	3.58	1.00	0.04
4.02	88.49	0.52	3.63	1.00	0.04	4.03	86.67	0.51	3.71	1.00	0.04
4.04	81.60	0.48	3.93	1.00	0.04	4.05	76.46	0.46	4.19	1.00	0.04
4.06	73.55	0.44	4.34	1.00	0.04	4.07	69.30	0.42	4.59	1.00	0.05
4.08	69.06	0.42	4.61	1.00	0.05	4.09	69.48	0.43	4.58	1.00	0.05
4.10	70.37	0.43	4.53	1.00	0.05	4.11	71.98	0.43	4.43	1.00	0.04
4.12	73.30	0.44	4.36	1.00	0.04	4.13	74.29	0.44	4.30	1.00	0.04
4.14	74.77	0.45	4.28	1.00	0.04	4.15	76.07	0.45	4.21	1.00	0.04
4.16	77.66	0.46	4.13	1.00	0.04	4.17	77.79	0.46	4.12	1.00	0.04
4.18	79.03	0.46	4.06	1.00	0.04	4.19	80.43	0.47	3.99	1.00	0.04
4.20	82.51	0.48	3.89	1.00	0.04	4.21	83.69	0.49	3.84	1.00	0.04
4.22	84.31	0.49	3.81	1.00	0.04	4.23	84.35	0.49	3.81	1.00	0.04
4.24	83.11	0.48	3.86	1.00	0.04	4.25	83.50	0.48	3.85	1.00	0.04
4.26	81.74	0.47	3.93	1.00	0.04	4.27	83.46	0.48	3.85	1.00	0.04
4.28	82.08	0.48	3.91	1.00	0.04	4.29	82.34	0.48	3.90	1.00	0.04
4.30	82.24	0.48	3.90	1.00	0.04	4.31	81.45	0.47	3.94	1.00	0.04
4.32	82.34	0.48	3.90	1.00	0.04	4.33	81.93	0.47	3.92	1.00	0.04
4.34	80.43	0.47	3.99	1.00	0.04	4.35	79.32	0.46	4.04	1.00	0.04
4.36	78.63	0.46	4.08	1.00	0.04	4.37	76.77	0.45	4.17	1.00	0.04
4.38	76.44	0.45	4.19	1.00	0.04	4.39	77.05	0.45	4.16	1.00	0.04
4.40	85.28	0.49	3.77	1.00	0.04	4.41	89.98	0.51	3.57	1.00	0.04
4.42	96.11	0.55	3.35	1.00	0.03	4.43	96.04	0.55	3.35	1.00	0.03
4.44	97.18	0.56	3.31	1.00	0.03	4.45	96.20	0.55	3.34	1.00	0.03
4.46	92.35	0.53	3.48	1.00	0.03	4.47	92.28	0.53	3.48	1.00	0.03
4.48	90.40	0.51	3.56	1.00	0.04	4.49	88.71	0.50	3.62	1.00	0.04
4.50	88.53	0.50	3.63	1.00	0.04	4.51	87.67	0.50	3.67	1.00	0.04
4.52	87.62	0.50	3.67	1.00	0.04	4.53	86.92	0.49	3.70	1.00	0.04
4.54	86.29	0.49	3.72	1.00	0.04	4.55	85.43	0.49	3.76	1.00	0.04
4.56	85.90	0.49	3.74	1.00	0.04	4.57	84.67	0.48	3.79	1.00	0.04
4.58	86.51	0.49	3.72	1.00	0.04	4.59	87.35	0.50	3.68	1.00	0.04
4.60	88.21	0.50	3.64	1.00	0.04	4.61	91.04	0.52	3.53	1.00	0.04
4.62	90.27	0.51	3.56	1.00	0.04	4.63	92.90	0.53	3.46	1.00	0.03
4.64	93.31	0.53	3.45	1.00	0.03	4.65	93.08	0.53	3.45	1.00	0.03
4.66	94.29	0.53	3.41	1.00	0.03	4.67	92.47	0.52	3.48	1.00	0.03
4.68	93.77	0.53	3.43	1.00	0.03	4.69	93.49	0.53	3.44	1.00	0.03
4.70	93.00	0.52	3.46	1.00	0.03	4.71	93.10	0.53	3.45	1.00	0.03
4.72	90.56	0.51	3.55	1.00	0.04	4.73	92.05	0.52	3.49	1.00	0.03
4.74	92.53	0.52	3.48	1.00	0.03	4.75	89.12	0.50	3.61	1.00	0.04
4.76	89.48	0.50	3.59	1.00	0.04	4.77	84.13	0.48	3.82	1.00	0.04
4.78	86.36	0.49	3.72	1.00	0.04	4.79	84.38	0.48	3.81	1.00	0.04
4.80	83.98	0.47	3.82	1.00	0.04	4.81	87.83	0.49	3.66	1.00	0.04
4.82	89.67	0.50	3.59	1.00	0.04	4.83	94.60	0.53	3.40	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	92.55	0.52	3.47	1.00	0.03	4.85	93.34	0.52	3.45	1.00	0.03
4.86	94.94	0.53	3.39	1.00	0.03	4.87	93.51	0.52	3.44	1.00	0.03
4.88	95.02	0.53	3.38	1.00	0.03	4.89	91.49	0.51	3.51	1.00	0.04
4.90	90.31	0.51	3.56	1.00	0.04	4.91	83.48	0.47	3.85	1.00	0.04
4.92	82.21	0.46	3.90	1.00	0.04	4.93	75.55	0.43	4.23	1.00	0.04
4.94	75.42	0.43	4.24	1.00	0.04	4.95	76.98	0.44	4.16	1.00	0.04
4.96	86.47	0.48	3.72	1.00	0.04	4.97	90.77	0.51	3.54	1.00	0.04
4.98	96.39	0.54	3.34	1.00	0.03	4.99	96.33	0.54	3.34	1.00	0.03
5.00	95.76	0.54	3.36	1.00	0.03	5.01	94.60	0.53	3.40	1.00	0.03
5.02	90.28	0.50	3.56	1.00	0.04	5.03	90.22	0.50	3.56	1.00	0.04
5.04	85.41	0.48	3.76	1.00	0.04	5.05	85.35	0.48	3.76	1.00	0.04
5.06	71.73	0.42	4.45	1.00	0.04	5.07	71.50	0.42	4.46	1.00	0.04
5.08	70.88	0.41	4.50	1.00	0.04	5.09	80.16	0.45	4.00	1.00	0.04
5.10	81.45	0.46	3.94	1.00	0.04	5.11	87.67	0.49	3.67	1.00	0.04
5.12	89.12	0.49	3.61	1.00	0.04	5.13	88.10	0.49	3.65	1.00	0.04
5.14	89.53	0.50	3.59	1.00	0.04	5.15	87.14	0.48	3.69	1.00	0.04
5.16	88.64	0.49	3.63	1.00	0.04	5.17	87.67	0.49	3.67	1.00	0.04
5.18	89.35	0.50	3.60	1.00	0.04	5.19	91.18	0.51	3.53	1.00	0.04
5.20	97.37	0.54	3.30	1.00	0.03	5.21	95.95	0.53	3.35	1.00	0.03
5.22	97.54	0.54	3.30	1.00	0.03	5.23	98.96	0.55	3.25	1.00	0.03
5.24	97.55	0.54	3.30	1.00	0.03	5.25	96.40	0.54	3.34	1.00	0.03
5.26	96.45	0.54	3.33	1.00	0.03	5.27	96.11	0.53	3.35	1.00	0.03
5.28	94.50	0.52	3.40	1.00	0.03	5.29	92.35	0.51	3.48	1.00	0.03
5.30	91.21	0.50	3.53	1.00	0.04	5.31	90.27	0.50	3.56	1.00	0.04
5.32	90.43	0.50	3.56	1.00	0.04	5.33	88.23	0.49	3.64	1.00	0.04
5.34	88.74	0.49	3.62	1.00	0.04	5.35	86.64	0.48	3.71	1.00	0.04
5.36	87.28	0.48	3.68	1.00	0.04	5.37	86.75	0.48	3.71	1.00	0.04
5.38	87.66	0.48	3.67	1.00	0.04	5.39	86.32	0.48	3.72	1.00	0.04
5.40	86.63	0.48	3.71	1.00	0.04	5.41	89.39	0.49	3.60	1.00	0.04
5.42	87.83	0.48	3.66	1.00	0.04	5.43	89.20	0.49	3.60	1.00	0.04
5.44	95.24	0.53	3.38	1.00	0.03	5.45	92.58	0.51	3.47	1.00	0.03
5.46	97.75	0.54	3.29	1.00	0.03	5.47	89.06	0.49	3.61	1.00	0.04
5.48	87.63	0.48	3.67	1.00	0.04	5.49	86.07	0.47	3.73	1.00	0.04
5.50	83.82	0.46	3.83	1.00	0.04	5.51	83.29	0.46	3.86	1.00	0.04
5.52	83.16	0.46	3.86	1.00	0.04	5.53	81.82	0.45	3.92	1.00	0.04
5.54	79.97	0.44	4.01	1.00	0.04	5.55	79.28	0.44	4.04	1.00	0.04
5.56	77.60	0.43	4.13	1.00	0.04	5.57	77.55	0.43	4.13	1.00	0.04
5.58	77.05	0.43	4.16	1.00	0.04	5.59	77.26	0.43	4.15	1.00	0.04
5.60	77.74	0.43	4.12	1.00	0.04	5.61	80.90	0.45	3.97	1.00	0.04
5.62	80.74	0.45	3.97	1.00	0.04	5.63	83.42	0.46	3.85	1.00	0.04
5.64	88.68	0.49	3.63	1.00	0.04	5.65	90.04	0.49	3.57	1.00	0.04
5.66	89.36	0.49	3.60	1.00	0.04	5.67	89.31	0.49	3.60	1.00	0.04
5.68	88.69	0.49	3.62	1.00	0.04	5.69	86.64	0.47	3.71	1.00	0.04
5.70	86.51	0.47	3.72	1.00	0.04	5.71	87.37	0.48	3.68	1.00	0.04
5.72	87.31	0.48	3.68	1.00	0.04	5.73	86.62	0.47	3.71	1.00	0.04
5.74	84.29	0.46	3.81	1.00	0.04	5.75	83.29	0.46	3.86	1.00	0.04
5.76	81.87	0.45	3.92	1.00	0.04	5.77	81.95	0.45	3.92	1.00	0.04
5.78	81.21	0.45	3.95	1.00	0.04	5.79	78.49	0.44	4.08	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	81.58	0.45	3.93	1.00	0.04	5.81	80.33	0.44	3.99	1.00	0.04
5.82	85.04	0.47	3.78	1.00	0.04	5.83	87.60	0.48	3.67	1.00	0.04
5.84	88.23	0.48	3.64	1.00	0.04	5.85	91.30	0.50	3.52	1.00	0.04
5.86	90.47	0.49	3.55	1.00	0.04	5.87	91.54	0.50	3.51	1.00	0.04
5.88	90.34	0.49	3.56	1.00	0.04	5.89	90.43	0.49	3.56	1.00	0.04
5.90	88.36	0.48	3.64	1.00	0.04	5.91	91.47	0.50	3.52	1.00	0.04
5.92	85.07	0.46	3.78	1.00	0.04	5.93	79.83	0.44	4.02	1.00	0.04
5.94	84.31	0.46	3.81	1.00	0.04	5.95	89.70	0.49	3.58	1.00	0.04
5.96	98.97	0.54	3.25	1.00	0.03	5.97	98.91	0.54	3.25	1.00	0.03
5.98	107.30	0.60	2.99	1.00	0.03	5.99	111.78	0.64	2.86	1.00	0.03
6.00	116.76	0.69	2.73	1.00	0.03	6.01	116.69	0.69	2.74	1.00	0.03
6.02	117.16	0.70	2.72	1.00	0.03	6.03	118.90	0.72	2.68	1.00	0.03
6.04	116.80	0.69	2.73	1.00	0.03	6.05	116.73	0.69	2.73	1.00	0.03
6.06	113.47	0.66	2.82	1.00	0.03	6.07	113.57	0.66	2.82	1.00	0.03
6.08	108.94	0.62	2.94	1.00	0.03	6.09	108.88	0.62	2.94	1.00	0.03
6.10	101.35	0.56	3.17	1.00	0.03	6.11	96.68	0.53	3.33	1.00	0.03
6.12	86.18	0.47	3.73	1.00	0.04	6.13	88.82	0.48	3.62	1.00	0.04
6.14	92.35	0.50	3.48	1.00	0.03	6.15	95.48	0.52	3.37	1.00	0.03
6.16	102.49	0.57	3.13	1.00	0.03	6.17	99.09	0.54	3.24	1.00	0.03
6.18	103.84	0.57	3.09	1.00	0.03	6.19	99.43	0.54	3.23	1.00	0.03
6.20	100.11	0.55	3.21	1.00	0.03	6.21	95.71	0.52	3.36	1.00	0.03
6.22	97.34	0.53	3.30	1.00	0.03	6.23	95.00	0.52	3.38	1.00	0.03
6.24	95.26	0.52	3.38	1.00	0.03	6.25	99.40	0.54	3.23	1.00	0.03
6.26	101.90	0.56	3.15	1.00	0.03	6.27	108.54	0.61	2.95	1.00	0.03
6.28	105.56	0.59	3.04	1.00	0.03	6.29	110.21	0.63	2.91	1.00	0.03
6.30	108.53	0.61	2.95	1.00	0.03	6.31	109.24	0.62	2.93	1.00	0.03
6.32	106.67	0.60	3.01	1.00	0.03	6.33	104.52	0.58	3.07	1.00	0.03
6.34	99.84	0.55	3.22	1.00	0.03	6.35	92.34	0.50	3.48	1.00	0.03
6.36	88.33	0.48	3.64	1.00	0.04	6.37	83.55	0.45	3.84	1.00	0.04
6.38	80.40	0.44	3.99	1.00	0.04	6.39	78.57	0.43	4.08	1.00	0.04
6.40	77.48	0.43	4.13	1.00	0.04	6.41	78.93	0.43	4.06	1.00	0.04
6.42	78.83	0.43	4.07	1.00	0.04	6.43	79.17	0.44	4.05	1.00	0.04
6.44	80.73	0.44	3.97	1.00	0.04	6.45	81.13	0.44	3.96	1.00	0.04
6.46	80.81	0.44	3.97	1.00	0.04	6.47	80.82	0.44	3.97	1.00	0.04
6.48	80.54	0.44	3.98	1.00	0.04	6.49	79.99	0.44	4.01	1.00	0.04
6.50	79.99	0.44	4.01	1.00	0.04	6.51	79.40	0.44	4.04	1.00	0.04
6.52	79.61	0.44	4.03	1.00	0.04	6.53	80.06	0.44	4.01	1.00	0.04
6.54	80.58	0.44	3.98	1.00	0.04	6.55	80.23	0.44	4.00	1.00	0.04
6.56	80.04	0.44	4.01	1.00	0.04	6.57	80.16	0.44	4.00	1.00	0.04
6.58	80.70	0.44	3.98	1.00	0.04	6.59	80.59	0.44	3.98	1.00	0.04
6.60	83.19	0.45	3.86	1.00	0.04	6.61	82.97	0.45	3.87	1.00	0.04
6.62	86.73	0.47	3.71	1.00	0.04	6.63	88.70	0.48	3.62	1.00	0.04
6.64	88.69	0.48	3.63	1.00	0.04	6.65	90.57	0.49	3.55	1.00	0.04
6.66	91.03	0.49	3.53	1.00	0.04	6.67	91.52	0.49	3.51	1.00	0.04
6.68	91.76	0.49	3.50	1.00	0.04	6.69	91.24	0.49	3.52	1.00	0.04
6.70	90.91	0.49	3.54	1.00	0.04	6.71	91.92	0.49	3.50	1.00	0.03
6.72	91.06	0.49	3.53	1.00	0.04	6.73	92.04	0.50	3.49	1.00	0.03
6.74	91.68	0.49	3.51	1.00	0.04	6.75	91.34	0.49	3.52	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	90.18	0.49	3.57	1.00	0.04	6.77	90.49	0.49	3.55	1.00	0.04
6.78	89.84	0.48	3.58	1.00	0.04	6.79	87.67	0.47	3.67	1.00	0.04
6.80	85.29	0.46	3.77	1.00	0.04	6.81	80.79	0.44	3.97	1.00	0.04
6.82	78.75	0.43	4.07	1.00	0.04	6.83	76.52	0.42	4.18	1.00	0.04
6.84	73.94	0.41	4.32	1.00	0.04	6.85	73.11	0.41	4.37	1.00	0.04
6.86	74.21	0.41	4.31	1.00	0.04	6.87	75.60	0.42	4.23	1.00	0.04
6.88	76.78	0.42	4.17	1.00	0.04	6.89	77.51	0.43	4.13	1.00	0.04
6.90	78.13	0.43	4.10	1.00	0.04	6.91	79.09	0.43	4.05	1.00	0.04
6.92	81.08	0.44	3.96	1.00	0.04	6.93	80.16	0.44	4.00	1.00	0.04
6.94	79.80	0.44	4.02	1.00	0.04	6.95	79.62	0.43	4.03	1.00	0.04
6.96	78.05	0.43	4.11	1.00	0.04	6.97	77.65	0.43	4.13	1.00	0.04
6.98	75.29	0.42	4.25	1.00	0.04	6.99	75.87	0.42	4.22	1.00	0.04
7.00	75.26	0.42	4.25	1.00	0.04	7.01	74.05	0.41	4.32	1.00	0.04
7.02	72.65	0.41	4.39	1.00	0.04	7.03	69.50	0.39	4.58	1.00	0.05
7.04	64.52	0.38	4.90	1.00	0.05	7.05	63.12	0.37	5.00	1.00	0.05
7.06	63.37	0.37	4.98	1.00	0.05	7.07	63.97	0.38	4.94	1.00	0.05
7.08	65.28	0.38	4.85	1.00	0.05	7.09	67.47	0.39	4.71	1.00	0.05
7.10	69.51	0.39	4.58	1.00	0.05	7.11	70.79	0.40	4.50	1.00	0.05
7.12	73.11	0.41	4.37	1.00	0.04	7.13	73.95	0.41	4.32	1.00	0.04
7.14	75.35	0.42	4.24	1.00	0.04	7.15	75.97	0.42	4.21	1.00	0.04
7.16	76.20	0.42	4.20	1.00	0.04	7.17	77.18	0.42	4.15	1.00	0.04
7.18	78.39	0.43	4.09	1.00	0.04	7.19	79.14	0.43	4.05	1.00	0.04
7.20	79.62	0.43	4.03	1.00	0.04	7.21	79.78	0.43	4.02	1.00	0.04
7.22	80.67	0.44	3.98	1.00	0.04	7.23	80.39	0.44	3.99	1.00	0.04
7.24	81.53	0.44	3.94	1.00	0.04	7.25	80.90	0.44	3.97	1.00	0.04
7.26	82.67	0.45	3.88	1.00	0.04	7.27	83.08	0.45	3.87	1.00	0.04
7.28	82.94	0.45	3.87	1.00	0.04	7.29	83.83	0.45	3.83	1.00	0.04
7.30	84.08	0.45	3.82	1.00	0.04	7.31	84.24	0.45	3.81	1.00	0.04
7.32	83.96	0.45	3.83	1.00	0.04	7.33	84.46	0.45	3.80	1.00	0.04
7.34	84.26	0.45	3.81	1.00	0.04	7.35	84.58	0.45	3.80	1.00	0.04
7.36	84.23	0.45	3.81	1.00	0.04	7.37	83.53	0.45	3.84	1.00	0.04
7.38	83.50	0.45	3.85	1.00	0.04	7.39	82.21	0.44	3.90	1.00	0.04
7.40	81.55	0.44	3.94	1.00	0.04	7.41	80.63	0.44	3.98	1.00	0.04
7.42	79.66	0.43	4.03	1.00	0.04	7.43	79.50	0.43	4.03	1.00	0.04
7.44	77.62	0.42	4.13	1.00	0.04	7.45	77.50	0.42	4.13	1.00	0.04
7.46	75.15	0.41	4.26	1.00	0.04	7.47	75.31	0.42	4.25	1.00	0.04
7.48	74.07	0.41	4.31	1.00	0.04	7.49	73.86	0.41	4.33	1.00	0.04
7.50	73.43	0.41	4.35	1.00	0.04	7.51	74.11	0.41	4.31	1.00	0.04
7.52	74.41	0.41	4.30	1.00	0.04	7.53	75.44	0.42	4.24	1.00	0.04
7.54	75.48	0.42	4.24	1.00	0.04	7.55	76.85	0.42	4.17	1.00	0.04
7.56	77.92	0.43	4.11	1.00	0.04	7.57	79.95	0.43	4.01	1.00	0.04
7.58	81.03	0.44	3.96	1.00	0.04	7.59	82.26	0.44	3.90	1.00	0.04
7.60	82.76	0.45	3.88	1.00	0.04	7.61	83.61	0.45	3.84	1.00	0.04
7.62	84.58	0.45	3.80	1.00	0.04	7.63	84.04	0.45	3.82	1.00	0.04
7.64	84.74	0.45	3.79	1.00	0.04	7.65	81.20	0.44	3.95	1.00	0.04
7.66	81.60	0.44	3.93	1.00	0.04	7.67	80.17	0.43	4.00	1.00	0.04
7.68	78.87	0.43	4.06	1.00	0.04	7.69	78.79	0.43	4.07	1.00	0.04
7.70	77.93	0.43	4.11	1.00	0.04	7.71	76.99	0.42	4.16	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	76.94	0.42	4.16	1.00	0.04	7.73	74.86	0.41	4.27	1.00	0.04
7.74	75.86	0.42	4.22	1.00	0.04	7.75	76.54	0.42	4.18	1.00	0.04
7.76	76.57	0.42	4.18	1.00	0.04	7.77	78.97	0.43	4.06	1.00	0.04
7.78	80.43	0.44	3.99	1.00	0.04	7.79	81.96	0.44	3.92	1.00	0.04
7.80	82.63	0.45	3.89	1.00	0.04	7.81	84.64	0.45	3.80	1.00	0.04
7.82	86.31	0.46	3.72	1.00	0.04	7.83	87.89	0.47	3.66	1.00	0.04
7.84	88.74	0.47	3.62	1.00	0.04	7.85	90.54	0.48	3.55	1.00	0.04
7.86	92.81	0.50	3.47	1.00	0.03	7.87	95.59	0.51	3.36	1.00	0.03
7.88	95.86	0.51	3.35	1.00	0.03	7.89	97.18	0.52	3.31	1.00	0.03
7.90	93.89	0.50	3.42	1.00	0.03	7.91	94.55	0.51	3.40	1.00	0.03
7.92	88.39	0.47	3.64	1.00	0.04	7.93	87.76	0.47	3.66	1.00	0.04
7.94	83.59	0.45	3.84	1.00	0.04	7.95	83.50	0.45	3.85	1.00	0.04
7.96	84.94	0.46	3.78	1.00	0.04	7.97	84.81	0.46	3.79	1.00	0.04
7.98	85.19	0.46	3.77	1.00	0.04	7.99	85.12	0.46	3.77	1.00	0.04
8.00	85.43	0.46	3.76	1.00	0.04	8.01	83.94	0.45	3.83	1.00	0.04
8.02	83.95	0.45	3.83	1.00	0.04	8.03	73.93	0.41	4.32	1.00	0.04
8.04	77.15	0.42	4.15	1.00	0.04	8.05	78.57	0.43	4.08	1.00	0.04
8.06	79.20	0.43	4.05	1.00	0.04	8.07	81.09	0.44	3.96	1.00	0.04
8.08	82.23	0.44	3.90	1.00	0.04	8.09	83.12	0.45	3.86	1.00	0.04
8.10	83.07	0.45	3.87	1.00	0.04	8.11	83.34	0.45	3.85	1.00	0.04
8.12	85.05	0.46	3.78	1.00	0.04	8.13	85.62	0.46	3.75	1.00	0.04
8.14	87.38	0.47	3.68	1.00	0.04	8.15	87.33	0.47	3.68	1.00	0.04
8.16	88.62	0.47	3.63	1.00	0.04	8.17	89.45	0.48	3.59	1.00	0.04
8.18	91.29	0.49	3.52	1.00	0.04	8.19	91.24	0.49	3.52	1.00	0.04
8.20	91.04	0.49	3.53	1.00	0.04	8.21	88.94	0.48	3.61	1.00	0.04
8.22	87.90	0.47	3.66	1.00	0.04	8.23	85.19	0.46	3.77	1.00	0.04
8.24	85.72	0.46	3.75	1.00	0.04	8.25	84.94	0.46	3.78	1.00	0.04
8.26	83.72	0.45	3.84	1.00	0.04	8.27	85.76	0.46	3.75	1.00	0.04
8.28	85.67	0.46	3.75	1.00	0.04	8.29	87.35	0.47	3.68	1.00	0.04
8.30	87.77	0.47	3.66	1.00	0.04	8.31	87.86	0.47	3.66	1.00	0.04
8.32	88.72	0.47	3.62	1.00	0.04	8.33	89.49	0.48	3.59	1.00	0.04
8.34	89.26	0.48	3.60	1.00	0.04	8.35	88.63	0.47	3.63	1.00	0.04
8.36	88.06	0.47	3.65	1.00	0.04	8.37	87.28	0.47	3.68	1.00	0.04
8.38	86.97	0.47	3.70	1.00	0.04	8.39	87.08	0.47	3.69	1.00	0.04
8.40	86.69	0.46	3.71	1.00	0.04	8.41	85.34	0.46	3.77	1.00	0.04
8.42	84.36	0.45	3.81	1.00	0.04	8.43	81.48	0.44	3.94	1.00	0.04
8.44	81.89	0.44	3.92	1.00	0.04	8.45	81.66	0.44	3.93	1.00	0.04
8.46	81.35	0.44	3.94	1.00	0.04	8.47	84.15	0.45	3.82	1.00	0.04
8.48	83.39	0.45	3.85	1.00	0.04	8.49	87.71	0.47	3.66	1.00	0.04
8.50	85.72	0.46	3.75	1.00	0.04	8.51	88.07	0.47	3.65	1.00	0.04
8.52	86.97	0.47	3.70	1.00	0.04	8.53	88.67	0.47	3.63	1.00	0.04
8.54	88.07	0.47	3.65	1.00	0.04	8.55	88.45	0.47	3.63	1.00	0.04
8.56	88.94	0.48	3.61	1.00	0.04	8.57	89.46	0.48	3.59	1.00	0.04
8.58	89.72	0.48	3.58	1.00	0.04	8.59	89.82	0.48	3.58	1.00	0.04
8.60	89.82	0.48	3.58	1.00	0.04	8.61	90.28	0.48	3.56	1.00	0.04
8.62	89.73	0.48	3.58	1.00	0.04	8.63	89.35	0.48	3.60	1.00	0.04
8.64	89.66	0.48	3.59	1.00	0.04	8.65	88.94	0.48	3.62	1.00	0.04
8.66	88.01	0.47	3.65	1.00	0.04	8.67	82.30	0.44	3.90	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	83.73	0.45	3.84	1.00	0.04	8.69	81.57	0.44	3.93	1.00	0.04
8.70	79.99	0.43	4.01	1.00	0.04	8.71	76.90	0.42	4.16	1.00	0.04
8.72	76.91	0.42	4.16	1.00	0.04	8.73	17.78	2.00	0.00	1.00	0.00
8.74	17.75	2.00	0.00	1.00	0.00	8.75	16.83	2.00	0.00	1.00	0.00
8.76	14.69	2.00	0.00	1.00	0.00	8.77	13.40	2.00	0.00	1.00	0.00
8.78	12.22	2.00	0.00	1.00	0.00	8.79	12.21	2.00	0.00	1.00	0.00
8.80	11.94	2.00	0.00	1.00	0.00	8.81	11.51	2.00	0.00	1.00	0.00
8.82	11.29	2.00	0.00	1.00	0.00	8.83	11.44	2.00	0.00	1.00	0.00
8.84	11.43	2.00	0.00	1.00	0.00	8.85	11.53	2.00	0.00	1.00	0.00
8.86	11.74	2.00	0.00	1.00	0.00	8.87	11.94	2.00	0.00	1.00	0.00
8.88	11.47	2.00	0.00	1.00	0.00	8.89	11.46	2.00	0.00	1.00	0.00
8.90	11.18	2.00	0.00	1.00	0.00	8.91	11.13	2.00	0.00	1.00	0.00
8.92	11.28	2.00	0.00	1.00	0.00	8.93	11.22	2.00	0.00	1.00	0.00
8.94	11.21	2.00	0.00	1.00	0.00	8.95	11.26	2.00	0.00	1.00	0.00
8.96	11.42	2.00	0.00	1.00	0.00	8.97	11.41	2.00	0.00	1.00	0.00
8.98	11.35	2.00	0.00	1.00	0.00	8.99	11.70	2.00	0.00	1.00	0.00
9.00	11.70	2.00	0.00	1.00	0.00	9.01	11.85	2.00	0.00	1.00	0.00
9.02	11.74	2.00	0.00	1.00	0.00	9.03	12.00	2.00	0.00	1.00	0.00
9.04	11.99	2.00	0.00	1.00	0.00	9.05	12.04	2.00	0.00	1.00	0.00
9.06	12.09	2.00	0.00	1.00	0.00	9.07	11.87	2.00	0.00	1.00	0.00
9.08	11.76	2.00	0.00	1.00	0.00	9.09	11.64	2.00	0.00	1.00	0.00
9.10	11.63	2.00	0.00	1.00	0.00	9.11	11.62	2.00	0.00	1.00	0.00
9.12	11.10	2.00	0.00	1.00	0.00	9.13	10.99	2.00	0.00	1.00	0.00
9.14	11.19	2.00	0.00	1.00	0.00	9.15	11.18	2.00	0.00	1.00	0.00
9.16	11.18	2.00	0.00	1.00	0.00	9.17	11.12	2.00	0.00	1.00	0.00
9.18	11.27	2.00	0.00	1.00	0.00	9.19	11.63	2.00	0.00	1.00	0.00
9.20	11.62	2.00	0.00	1.00	0.00	9.21	11.77	2.00	0.00	1.00	0.00
9.22	12.08	2.00	0.00	1.00	0.00	9.23	12.39	2.00	0.00	1.00	0.00
9.24	12.74	2.00	0.00	1.00	0.00	9.25	12.73	2.00	0.00	1.00	0.00
9.26	12.78	2.00	0.00	1.00	0.00	9.27	13.24	2.00	0.00	1.00	0.00
9.28	13.39	2.00	0.00	1.00	0.00	9.29	13.43	2.00	0.00	1.00	0.00
9.30	13.42	2.00	0.00	1.00	0.00	9.31	13.68	2.00	0.00	1.00	0.00
9.32	14.14	2.00	0.00	1.00	0.00	9.33	14.23	2.00	0.00	1.00	0.00
9.34	14.28	2.00	0.00	1.00	0.00	9.35	14.27	2.00	0.00	1.00	0.00
9.36	14.36	2.00	0.00	1.00	0.00	9.37	14.10	2.00	0.00	1.00	0.00
9.38	13.88	2.00	0.00	1.00	0.00	9.39	13.56	2.00	0.00	1.00	0.00
9.40	13.56	2.00	0.00	1.00	0.00	9.41	13.80	2.00	0.00	1.00	0.00
9.42	14.01	2.00	0.00	1.00	0.00	9.43	14.05	2.00	0.00	1.00	0.00
9.44	13.89	2.00	0.00	1.00	0.00	9.45	13.88	2.00	0.00	1.00	0.00
9.46	13.61	2.00	0.00	1.00	0.00	9.47	13.29	2.00	0.00	1.00	0.00
9.48	13.24	2.00	0.00	1.00	0.00	9.49	13.28	2.00	0.00	1.00	0.00
9.50	13.27	2.00	0.00	1.00	0.00	9.51	13.32	2.00	0.00	1.00	0.00
9.52	13.46	2.00	0.00	1.00	0.00	9.53	13.71	2.00	0.00	1.00	0.00
9.54	13.70	2.00	0.00	1.00	0.00	9.55	13.60	2.00	0.00	1.00	0.00
9.56	13.59	2.00	0.00	1.00	0.00	9.57	13.58	2.00	0.00	1.00	0.00
9.58	13.73	2.00	0.00	1.00	0.00	9.59	13.72	2.00	0.00	1.00	0.00
9.60	13.92	2.00	0.00	1.00	0.00	9.61	13.91	2.00	0.00	1.00	0.00
9.62	14.06	2.00	0.00	1.00	0.00	9.63	14.15	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	14.18	2.00	0.00	1.00	0.00	9.65	14.23	2.00	0.00	1.00	0.00
9.66	14.22	2.00	0.00	1.00	0.00	9.67	14.47	2.00	0.00	1.00	0.00
9.68	14.31	2.00	0.00	1.00	0.00	9.69	14.30	2.00	0.00	1.00	0.00
9.70	14.29	2.00	0.00	1.00	0.00	9.71	14.28	2.00	0.00	1.00	0.00
9.72	14.38	2.00	0.00	1.00	0.00	9.73	14.22	2.00	0.00	1.00	0.00
9.74	14.31	2.00	0.00	1.00	0.00	9.75	14.30	2.00	0.00	1.00	0.00
9.76	14.24	2.00	0.00	1.00	0.00	9.77	14.14	2.00	0.00	1.00	0.00
9.78	13.78	2.00	0.00	1.00	0.00	9.79	13.72	2.00	0.00	1.00	0.00
9.80	13.16	2.00	0.00	1.00	0.00	9.81	13.15	2.00	0.00	1.00	0.00
9.82	12.48	2.00	0.00	1.00	0.00	9.83	12.28	2.00	0.00	1.00	0.00
9.84	12.31	2.00	0.00	1.00	0.00	9.85	12.31	2.00	0.00	1.00	0.00
9.86	12.11	2.00	0.00	1.00	0.00	9.87	11.55	2.00	0.00	1.00	0.00
9.88	11.33	2.00	0.00	1.00	0.00	9.89	11.38	2.00	0.00	1.00	0.00
9.90	11.37	2.00	0.00	1.00	0.00	9.91	11.31	2.00	0.00	1.00	0.00
9.92	11.46	2.00	0.00	1.00	0.00	9.93	11.55	2.00	0.00	1.00	0.00
9.94	11.45	2.00	0.00	1.00	0.00	9.95	11.44	2.00	0.00	1.00	0.00
9.96	11.53	2.00	0.00	1.00	0.00	9.97	11.88	2.00	0.00	1.00	0.00
9.98	12.22	2.00	0.00	1.00	0.00	9.99	12.62	2.00	0.00	1.00	0.00
10.00	12.62	2.00	0.00	1.00	0.00	10.01	12.76	2.00	0.00	1.00	0.00
10.02	12.75	2.00	0.00	1.00	0.00	10.03	12.09	2.00	0.00	1.00	0.00
10.04	13.33	2.00	0.00	1.00	0.00	10.05	13.43	2.00	0.00	1.00	0.00
10.06	13.57	2.00	0.00	1.00	0.00	10.07	13.57	2.00	0.00	1.00	0.00
10.08	13.66	2.00	0.00	1.00	0.00	10.09	13.65	2.00	0.00	1.00	0.00
10.10	13.64	2.00	0.00	1.00	0.00	10.11	13.63	2.00	0.00	1.00	0.00
10.12	13.53	2.00	0.00	1.00	0.00	10.13	12.82	2.00	0.00	1.00	0.00
10.14	12.81	2.00	0.00	1.00	0.00	10.15	12.26	2.00	0.00	1.00	0.00
10.16	12.25	2.00	0.00	1.00	0.00	10.17	11.66	2.00	0.00	1.00	0.00
10.18	11.50	2.00	0.00	1.00	0.00	10.19	10.85	2.00	0.00	1.00	0.00
10.20	10.84	2.00	0.00	1.00	0.00	10.21	10.64	2.00	0.00	1.00	0.00
10.22	10.43	2.00	0.00	1.00	0.00	10.23	10.38	2.00	0.00	1.00	0.00
10.24	10.12	2.00	0.00	1.00	0.00	10.25	10.12	2.00	0.00	1.00	0.00
10.26	9.91	2.00	0.00	1.00	0.00	10.27	9.57	2.00	0.00	1.00	0.00
10.28	9.56	2.00	0.00	1.00	0.00	10.29	9.75	2.00	0.00	1.00	0.00
10.30	9.74	2.00	0.00	1.00	0.00	10.31	9.74	2.00	0.00	1.00	0.00
10.32	9.93	2.00	0.00	1.00	0.00	10.33	10.17	2.00	0.00	1.00	0.00
10.34	10.76	2.00	0.00	1.00	0.00	10.35	10.76	2.00	0.00	1.00	0.00
10.36	10.99	2.00	0.00	1.00	0.00	10.37	11.49	2.00	0.00	1.00	0.00
10.38	11.67	2.00	0.00	1.00	0.00	10.39	11.42	2.00	0.00	1.00	0.00
10.40	11.42	2.00	0.00	1.00	0.00	10.41	11.07	2.00	0.00	1.00	0.00
10.42	10.96	2.00	0.00	1.00	0.00	10.43	11.01	2.00	0.00	1.00	0.00
10.44	11.00	2.00	0.00	1.00	0.00	10.45	11.00	2.00	0.00	1.00	0.00
10.46	10.60	2.00	0.00	1.00	0.00	10.47	10.60	2.00	0.00	1.00	0.00
10.48	10.54	2.00	0.00	1.00	0.00	10.49	10.53	2.00	0.00	1.00	0.00
10.50	10.19	2.00	0.00	1.00	0.00	10.51	10.08	2.00	0.00	1.00	0.00
10.52	10.13	2.00	0.00	1.00	0.00	10.53	10.12	2.00	0.00	1.00	0.00
10.54	10.07	2.00	0.00	1.00	0.00	10.55	10.11	2.00	0.00	1.00	0.00
10.56	9.96	2.00	0.00	1.00	0.00	10.57	9.90	2.00	0.00	1.00	0.00
10.58	9.71	2.00	0.00	1.00	0.00	10.59	9.71	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	9.60	2.00	0.00	1.00	0.00	10.61	9.50	2.00	0.00	1.00	0.00
10.62	9.64	2.00	0.00	1.00	0.00	10.63	9.78	2.00	0.00	1.00	0.00
10.64	9.78	2.00	0.00	1.00	0.00	10.65	9.68	2.00	0.00	1.00	0.00
10.66	9.71	2.00	0.00	1.00	0.00	10.67	10.05	2.00	0.00	1.00	0.00
10.68	10.05	2.00	0.00	1.00	0.00	10.69	10.04	2.00	0.00	1.00	0.00
10.70	9.99	2.00	0.00	1.00	0.00	10.71	9.94	2.00	0.00	1.00	0.00
10.72	9.94	2.00	0.00	1.00	0.00	10.73	9.93	2.00	0.00	1.00	0.00
10.74	10.17	2.00	0.00	1.00	0.00	10.75	10.40	2.00	0.00	1.00	0.00
10.76	10.45	2.00	0.00	1.00	0.00	10.77	10.68	2.00	0.00	1.00	0.00
10.78	10.68	2.00	0.00	1.00	0.00	10.79	10.62	2.00	0.00	1.00	0.00
10.80	10.61	2.00	0.00	1.00	0.00	10.81	10.86	2.00	0.00	1.00	0.00
10.82	11.18	2.00	0.00	1.00	0.00	10.83	11.18	2.00	0.00	1.00	0.00
10.84	11.28	2.00	0.00	1.00	0.00	10.85	11.31	2.00	0.00	1.00	0.00
10.86	11.27	2.00	0.00	1.00	0.00	10.87	11.06	2.00	0.00	1.00	0.00
10.88	11.06	2.00	0.00	1.00	0.00	10.89	11.05	2.00	0.00	1.00	0.00
10.90	11.00	2.00	0.00	1.00	0.00	10.91	11.09	2.00	0.00	1.00	0.00
10.92	11.37	2.00	0.00	1.00	0.00	10.93	11.36	2.00	0.00	1.00	0.00
10.94	11.55	2.00	0.00	1.00	0.00	10.95	11.55	2.00	0.00	1.00	0.00
10.96	11.40	2.00	0.00	1.00	0.00	10.97	10.92	2.00	0.00	1.00	0.00
10.98	10.91	2.00	0.00	1.00	0.00	10.99	10.71	2.00	0.00	1.00	0.00
11.00	10.61	2.00	0.00	1.00	0.00	11.01	10.61	2.00	0.00	1.00	0.00
11.02	10.54	2.00	0.00	1.00	0.00	11.03	10.45	2.00	0.00	1.00	0.00
11.04	10.45	2.00	0.00	1.00	0.00	11.05	10.48	2.00	0.00	1.00	0.00
11.06	10.44	2.00	0.00	1.00	0.00	11.07	10.43	2.00	0.00	1.00	0.00
11.08	10.52	2.00	0.00	1.00	0.00	11.09	10.52	2.00	0.00	1.00	0.00
11.10	10.18	2.00	0.00	1.00	0.00	11.11	10.18	2.00	0.00	1.00	0.00
11.12	9.98	2.00	0.00	1.00	0.00	11.13	9.97	2.00	0.00	1.00	0.00
11.14	10.06	2.00	0.00	1.00	0.00	11.15	10.06	2.00	0.00	1.00	0.00
11.16	10.10	2.00	0.00	1.00	0.00	11.17	10.05	2.00	0.00	1.00	0.00
11.18	10.04	2.00	0.00	1.00	0.00	11.19	10.23	2.00	0.00	1.00	0.00
11.20	10.23	2.00	0.00	1.00	0.00	11.21	10.31	2.00	0.00	1.00	0.00
11.22	10.31	2.00	0.00	1.00	0.00	11.23	10.35	2.00	0.00	1.00	0.00
11.24	10.12	2.00	0.00	1.00	0.00	11.25	10.11	2.00	0.00	1.00	0.00
11.26	9.96	2.00	0.00	1.00	0.00	11.27	9.96	2.00	0.00	1.00	0.00
11.28	9.76	2.00	0.00	1.00	0.00	11.29	9.76	2.00	0.00	1.00	0.00
11.30	9.70	2.00	0.00	1.00	0.00	11.31	9.32	2.00	0.00	1.00	0.00
11.32	8.99	2.00	0.00	1.00	0.00	11.33	8.65	2.00	0.00	1.00	0.00
11.34	8.65	2.00	0.00	1.00	0.00	11.35	8.59	2.00	0.00	1.00	0.00
11.36	8.55	2.00	0.00	1.00	0.00	11.37	8.44	2.00	0.00	1.00	0.00
11.38	8.44	2.00	0.00	1.00	0.00	11.39	8.40	2.00	0.00	1.00	0.00
11.40	8.48	2.00	0.00	1.00	0.00	11.41	8.43	2.00	0.00	1.00	0.00
11.42	8.28	2.00	0.00	1.00	0.00	11.43	8.28	2.00	0.00	1.00	0.00
11.44	8.33	2.00	0.00	1.00	0.00	11.45	8.32	2.00	0.00	1.00	0.00
11.46	8.23	2.00	0.00	1.00	0.00	11.47	8.22	2.00	0.00	1.00	0.00
11.48	8.26	2.00	0.00	1.00	0.00	11.49	8.08	2.00	0.00	1.00	0.00
11.50	7.98	2.00	0.00	1.00	0.00	11.51	7.98	2.00	0.00	1.00	0.00
11.52	7.97	2.00	0.00	1.00	0.00	11.53	7.97	2.00	0.00	1.00	0.00
11.54	7.78	2.00	0.00	1.00	0.00	11.55	7.72	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	7.68	2.00	0.00	1.00	0.00	11.57	7.68	2.00	0.00	1.00	0.00
11.58	7.67	2.00	0.00	1.00	0.00	11.59	7.62	2.00	0.00	1.00	0.00
11.60	7.57	2.00	0.00	1.00	0.00	11.61	7.38	2.00	0.00	1.00	0.00
11.62	7.38	2.00	0.00	1.00	0.00	11.63	7.14	2.00	0.00	1.00	0.00
11.64	7.04	2.00	0.00	1.00	0.00	11.65	7.00	2.00	0.00	1.00	0.00
11.66	7.00	2.00	0.00	1.00	0.00	11.67	7.03	2.00	0.00	1.00	0.00
11.68	7.12	2.00	0.00	1.00	0.00	11.69	7.12	2.00	0.00	1.00	0.00
11.70	7.11	2.00	0.00	1.00	0.00	11.71	7.11	2.00	0.00	1.00	0.00
11.72	7.21	2.00	0.00	1.00	0.00	11.73	7.25	2.00	0.00	1.00	0.00
11.74	7.24	2.00	0.00	1.00	0.00	11.75	7.43	2.00	0.00	1.00	0.00
11.76	7.43	2.00	0.00	1.00	0.00	11.77	7.84	2.00	0.00	1.00	0.00
11.78	8.03	2.00	0.00	1.00	0.00	11.79	8.29	2.00	0.00	1.00	0.00
11.80	8.29	2.00	0.00	1.00	0.00	11.81	8.34	2.00	0.00	1.00	0.00
11.82	8.33	2.00	0.00	1.00	0.00	11.83	8.38	2.00	0.00	1.00	0.00
11.84	8.52	2.00	0.00	1.00	0.00	11.85	8.51	2.00	0.00	1.00	0.00
11.86	8.41	2.00	0.00	1.00	0.00	11.87	8.46	2.00	0.00	1.00	0.00
11.88	8.45	2.00	0.00	1.00	0.00	11.89	8.45	2.00	0.00	1.00	0.00
11.90	8.45	2.00	0.00	1.00	0.00	11.91	8.58	2.00	0.00	1.00	0.00
11.92	8.67	2.00	0.00	1.00	0.00	11.93	8.90	2.00	0.00	1.00	0.00
11.94	8.90	2.00	0.00	1.00	0.00	11.95	9.02	2.00	0.00	1.00	0.00
11.96	9.21	2.00	0.00	1.00	0.00	11.97	9.15	2.00	0.00	1.00	0.00
11.98	9.15	2.00	0.00	1.00	0.00	11.99	9.15	2.00	0.00	1.00	0.00
12.00	9.14	2.00	0.00	1.00	0.00	12.01	9.14	2.00	0.00	1.00	0.00
12.02	9.09	2.00	0.00	1.00	0.00	12.03	9.09	2.00	0.00	1.00	0.00
12.04	9.23	2.00	0.00	1.00	0.00	12.05	9.22	2.00	0.00	1.00	0.00
12.06	9.36	2.00	0.00	1.00	0.00	12.07	9.44	2.00	0.00	1.00	0.00
12.08	9.52	2.00	0.00	1.00	0.00	12.09	9.52	2.00	0.00	1.00	0.00
12.10	9.48	2.00	0.00	1.00	0.00	12.11	9.42	2.00	0.00	1.00	0.00
12.12	9.47	2.00	0.00	1.00	0.00	12.13	9.46	2.00	0.00	1.00	0.00
12.14	9.50	2.00	0.00	1.00	0.00	12.15	9.54	2.00	0.00	1.00	0.00
12.16	9.45	2.00	0.00	1.00	0.00	12.17	9.45	2.00	0.00	1.00	0.00
12.18	9.35	2.00	0.00	1.00	0.00	12.19	9.25	2.00	0.00	1.00	0.00
12.20	9.25	2.00	0.00	1.00	0.00	12.21	9.25	2.00	0.00	1.00	0.00
12.22	9.24	2.00	0.00	1.00	0.00	12.23	9.15	2.00	0.00	1.00	0.00
12.24	8.87	2.00	0.00	1.00	0.00	12.25	8.73	2.00	0.00	1.00	0.00
12.26	8.73	2.00	0.00	1.00	0.00	12.27	8.59	2.00	0.00	1.00	0.00
12.28	8.22	2.00	0.00	1.00	0.00	12.29	8.03	2.00	0.00	1.00	0.00
12.30	7.80	2.00	0.00	1.00	0.00	12.31	7.80	2.00	0.00	1.00	0.00
12.32	7.61	2.00	0.00	1.00	0.00	12.33	7.52	2.00	0.00	1.00	0.00
12.34	7.11	2.00	0.00	1.00	0.00	12.35	7.11	2.00	0.00	1.00	0.00
12.36	6.69	2.00	0.00	1.00	0.00	12.37	6.52	2.00	0.00	1.00	0.00
12.38	6.38	2.00	0.00	1.00	0.00	12.39	6.37	2.00	0.00	1.00	0.00
12.40	6.37	2.00	0.00	1.00	0.00	12.41	6.54	2.00	0.00	1.00	0.00
12.42	6.68	2.00	0.00	1.00	0.00	12.43	6.77	2.00	0.00	1.00	0.00
12.44	6.77	2.00	0.00	1.00	0.00	12.45	6.58	2.00	0.00	1.00	0.00
12.46	6.39	2.00	0.00	1.00	0.00	12.47	6.17	2.00	0.00	1.00	0.00
12.48	6.17	2.00	0.00	1.00	0.00	12.49	7.11	2.00	0.00	1.00	0.00
12.50	8.37	2.00	0.00	1.00	0.00	12.51	12.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	12.87	2.00	0.00	1.00	0.00	12.53	70.78	0.42	4.50	1.00	0.05
12.54	78.50	0.45	4.08	1.00	0.04	12.55	80.59	0.46	3.98	1.00	0.04
12.56	86.47	0.49	3.72	1.00	0.04	12.57	85.80	0.48	3.75	1.00	0.04
12.58	87.25	0.49	3.68	1.00	0.04	12.59	89.55	0.50	3.59	1.00	0.04
12.60	88.64	0.50	3.63	1.00	0.04	12.61	88.90	0.50	3.62	1.00	0.04
12.62	86.72	0.49	3.71	1.00	0.04	12.63	86.36	0.49	3.72	1.00	0.04
12.64	85.03	0.48	3.78	1.00	0.04	12.65	84.34	0.48	3.81	1.00	0.04
12.66	84.85	0.48	3.79	1.00	0.04	12.67	83.48	0.47	3.85	1.00	0.04
12.68	83.21	0.47	3.86	1.00	0.04	12.69	80.28	0.46	4.00	1.00	0.04
12.70	81.30	0.46	3.95	1.00	0.04	12.71	81.54	0.46	3.94	1.00	0.04
12.72	80.39	0.46	3.99	1.00	0.04	12.73	81.03	0.46	3.96	1.00	0.04
12.74	79.11	0.45	4.05	1.00	0.04	12.75	80.64	0.46	3.98	1.00	0.04
12.76	79.64	0.46	4.03	1.00	0.04	12.77	80.66	0.46	3.98	1.00	0.04
12.78	79.10	0.45	4.05	1.00	0.04	12.79	79.96	0.46	4.01	1.00	0.04
12.80	80.36	0.46	3.99	1.00	0.04	12.81	82.75	0.47	3.88	1.00	0.04
12.82	85.77	0.48	3.75	1.00	0.04	12.83	90.04	0.51	3.57	1.00	0.04
12.84	90.01	0.51	3.57	1.00	0.04	12.85	84.97	0.48	3.78	1.00	0.04
12.86	84.33	0.48	3.81	1.00	0.04	12.87	92.17	0.52	3.49	1.00	0.03
12.88	86.08	0.49	3.73	1.00	0.04	12.89	82.47	0.47	3.89	1.00	0.04
12.90	18.36	2.00	0.00	1.00	0.00	12.91	18.36	2.00	0.00	1.00	0.00
12.92	14.58	2.00	0.00	1.00	0.00	12.93	13.06	2.00	0.00	1.00	0.00
12.94	11.95	2.00	0.00	1.00	0.00	12.95	11.95	2.00	0.00	1.00	0.00
12.96	11.63	2.00	0.00	1.00	0.00	12.97	11.40	2.00	0.00	1.00	0.00
12.98	11.30	2.00	0.00	1.00	0.00	12.99	11.18	2.00	0.00	1.00	0.00
13.00	11.17	2.00	0.00	1.00	0.00	13.01	10.32	2.00	0.00	1.00	0.00
13.02	8.90	2.00	0.00	1.00	0.00	13.03	8.90	2.00	0.00	1.00	0.00
13.04	8.89	2.00	0.00	1.00	0.00	13.05	8.80	2.00	0.00	1.00	0.00
13.06	8.72	2.00	0.00	1.00	0.00	13.07	8.62	2.00	0.00	1.00	0.00
13.08	8.61	2.00	0.00	1.00	0.00	13.09	8.49	2.00	0.00	1.00	0.00
13.10	8.48	2.00	0.00	1.00	0.00	13.11	8.57	2.00	0.00	1.00	0.00
13.12	8.56	2.00	0.00	1.00	0.00	13.13	8.78	2.00	0.00	1.00	0.00
13.14	8.82	2.00	0.00	1.00	0.00	13.15	8.95	2.00	0.00	1.00	0.00
13.16	8.95	2.00	0.00	1.00	0.00	13.17	9.11	2.00	0.00	1.00	0.00
13.18	9.16	2.00	0.00	1.00	0.00	13.19	9.15	2.00	0.00	1.00	0.00
13.20	9.15	2.00	0.00	1.00	0.00	13.21	9.28	2.00	0.00	1.00	0.00
13.22	9.32	2.00	0.00	1.00	0.00	13.23	9.32	2.00	0.00	1.00	0.00
13.24	9.31	2.00	0.00	1.00	0.00	13.25	9.53	2.00	0.00	1.00	0.00
13.26	9.56	2.00	0.00	1.00	0.00	13.27	9.65	2.00	0.00	1.00	0.00
13.28	9.65	2.00	0.00	1.00	0.00	13.29	9.60	2.00	0.00	1.00	0.00
13.30	9.55	2.00	0.00	1.00	0.00	13.31	9.72	2.00	0.00	1.00	0.00
13.32	9.72	2.00	0.00	1.00	0.00	13.33	9.85	2.00	0.00	1.00	0.00
13.34	10.15	2.00	0.00	1.00	0.00	13.35	10.36	2.00	0.00	1.00	0.00
13.36	10.75	2.00	0.00	1.00	0.00	13.37	10.75	2.00	0.00	1.00	0.00
13.38	10.83	2.00	0.00	1.00	0.00	13.39	10.83	2.00	0.00	1.00	0.00
13.40	10.77	2.00	0.00	1.00	0.00	13.41	10.77	2.00	0.00	1.00	0.00
13.42	10.86	2.00	0.00	1.00	0.00	13.43	10.85	2.00	0.00	1.00	0.00
13.44	10.67	2.00	0.00	1.00	0.00	13.45	10.67	2.00	0.00	1.00	0.00
13.46	10.58	2.00	0.00	1.00	0.00	13.47	10.48	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	10.35	2.00	0.00	1.00	0.00	13.49	10.34	2.00	0.00	1.00	0.00
13.50	10.25	2.00	0.00	1.00	0.00	13.51	10.25	2.00	0.00	1.00	0.00
13.52	10.25	2.00	0.00	1.00	0.00	13.53	10.20	2.00	0.00	1.00	0.00
13.54	10.19	2.00	0.00	1.00	0.00	13.55	10.32	2.00	0.00	1.00	0.00
13.56	10.31	2.00	0.00	1.00	0.00	13.57	10.27	2.00	0.00	1.00	0.00
13.58	10.27	2.00	0.00	1.00	0.00	13.59	10.26	2.00	0.00	1.00	0.00
13.60	10.30	2.00	0.00	1.00	0.00	13.61	10.34	2.00	0.00	1.00	0.00
13.62	10.34	2.00	0.00	1.00	0.00	13.63	10.42	2.00	0.00	1.00	0.00
13.64	10.46	2.00	0.00	1.00	0.00	13.65	10.54	2.00	0.00	1.00	0.00
13.66	10.53	2.00	0.00	1.00	0.00	13.67	10.66	2.00	0.00	1.00	0.00
13.68	10.70	2.00	0.00	1.00	0.00	13.69	10.87	2.00	0.00	1.00	0.00
13.70	10.87	2.00	0.00	1.00	0.00	13.71	10.90	2.00	0.00	1.00	0.00
13.72	10.90	2.00	0.00	1.00	0.00	13.73	10.89	2.00	0.00	1.00	0.00
13.74	11.15	2.00	0.00	1.00	0.00	13.75	11.14	2.00	0.00	1.00	0.00
13.76	11.14	2.00	0.00	1.00	0.00	13.77	11.18	2.00	0.00	1.00	0.00
13.78	11.13	2.00	0.00	1.00	0.00	13.79	11.12	2.00	0.00	1.00	0.00
13.80	10.94	2.00	0.00	1.00	0.00	13.81	10.90	2.00	0.00	1.00	0.00
13.82	10.85	2.00	0.00	1.00	0.00	13.83	10.85	2.00	0.00	1.00	0.00
13.84	10.97	2.00	0.00	1.00	0.00	13.85	11.01	2.00	0.00	1.00	0.00
13.86	10.84	2.00	0.00	1.00	0.00	13.87	10.83	2.00	0.00	1.00	0.00
13.88	10.49	2.00	0.00	1.00	0.00	13.89	10.48	2.00	0.00	1.00	0.00
13.90	10.35	2.00	0.00	1.00	0.00	13.91	10.34	2.00	0.00	1.00	0.00
13.92	10.26	2.00	0.00	1.00	0.00	13.93	10.21	2.00	0.00	1.00	0.00
13.94	10.16	2.00	0.00	1.00	0.00	13.95	10.15	2.00	0.00	1.00	0.00
13.96	10.15	2.00	0.00	1.00	0.00	13.97	10.11	2.00	0.00	1.00	0.00
13.98	10.14	2.00	0.00	1.00	0.00	13.99	10.36	2.00	0.00	1.00	0.00
14.00	10.35	2.00	0.00	1.00	0.00	14.01	11.20	2.00	0.00	1.00	0.00
14.02	11.20	2.00	0.00	1.00	0.00	14.03	11.62	2.00	0.00	1.00	0.00
14.04	11.69	2.00	0.00	1.00	0.00	14.05	11.65	2.00	0.00	1.00	0.00
14.06	11.60	2.00	0.00	1.00	0.00	14.07	11.60	2.00	0.00	1.00	0.00
14.08	11.64	2.00	0.00	1.00	0.00	14.09	11.63	2.00	0.00	1.00	0.00
14.10	11.67	2.00	0.00	1.00	0.00	14.11	11.50	2.00	0.00	1.00	0.00
14.12	11.45	2.00	0.00	1.00	0.00	14.13	11.44	2.00	0.00	1.00	0.00
14.14	11.91	2.00	0.00	1.00	0.00	14.15	12.03	2.00	0.00	1.00	0.00
14.16	12.33	2.00	0.00	1.00	0.00	14.17	12.32	2.00	0.00	1.00	0.00
14.18	12.53	2.00	0.00	1.00	0.00	14.19	12.73	2.00	0.00	1.00	0.00
14.20	12.77	2.00	0.00	1.00	0.00	14.21	12.77	2.00	0.00	1.00	0.00
14.22	12.94	2.00	0.00	1.00	0.00	14.23	12.97	2.00	0.00	1.00	0.00
14.24	12.96	2.00	0.00	1.00	0.00	14.25	12.96	2.00	0.00	1.00	0.00
14.26	13.04	2.00	0.00	1.00	0.00	14.27	13.04	2.00	0.00	1.00	0.00
14.28	13.20	2.00	0.00	1.00	0.00	14.29	13.19	2.00	0.00	1.00	0.00
14.30	13.31	2.00	0.00	1.00	0.00	14.31	13.18	2.00	0.00	1.00	0.00
14.32	13.14	2.00	0.00	1.00	0.00	14.33	13.01	2.00	0.00	1.00	0.00
14.34	13.00	2.00	0.00	1.00	0.00	14.35	13.08	2.00	0.00	1.00	0.00
14.36	13.15	2.00	0.00	1.00	0.00	14.37	13.48	2.00	0.00	1.00	0.00
14.38	13.48	2.00	0.00	1.00	0.00	14.39	13.85	2.00	0.00	1.00	0.00
14.40	14.02	2.00	0.00	1.00	0.00	14.41	14.31	2.00	0.00	1.00	0.00
14.42	14.30	2.00	0.00	1.00	0.00	14.43	14.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	14.54	2.00	0.00	1.00	0.00	14.45	14.50	2.00	0.00	1.00	0.00
14.46	14.50	2.00	0.00	1.00	0.00	14.47	14.32	2.00	0.00	1.00	0.00
14.48	14.27	2.00	0.00	1.00	0.00	14.49	14.05	2.00	0.00	1.00	0.00
14.50	14.05	2.00	0.00	1.00	0.00	14.51	14.09	2.00	0.00	1.00	0.00
14.52	14.24	2.00	0.00	1.00	0.00	14.53	14.45	2.00	0.00	1.00	0.00
14.54	14.83	2.00	0.00	1.00	0.00	14.55	14.82	2.00	0.00	1.00	0.00
14.56	15.15	2.00	0.00	1.00	0.00	14.57	15.40	2.00	0.00	1.00	0.00
14.58	15.39	2.00	0.00	1.00	0.00	14.59	15.39	2.00	0.00	1.00	0.00
14.60	15.38	2.00	0.00	1.00	0.00	14.61	15.41	2.00	0.00	1.00	0.00
14.62	15.28	2.00	0.00	1.00	0.00	14.63	15.36	2.00	0.00	1.00	0.00
14.64	15.36	2.00	0.00	1.00	0.00	14.65	15.56	2.00	0.00	1.00	0.00
14.66	15.71	2.00	0.00	1.00	0.00	14.67	16.00	2.00	0.00	1.00	0.00
14.68	16.00	2.00	0.00	1.00	0.00	14.69	15.91	2.00	0.00	1.00	0.00
14.70	15.81	2.00	0.00	1.00	0.00	14.71	16.02	2.00	0.00	1.00	0.00
14.72	16.02	2.00	0.00	1.00	0.00	14.73	16.14	2.00	0.00	1.00	0.00
14.74	16.26	2.00	0.00	1.00	0.00	14.75	16.46	2.00	0.00	1.00	0.00
14.76	16.45	2.00	0.00	1.00	0.00	14.77	16.57	2.00	0.00	1.00	0.00
14.78	17.35	2.00	0.00	1.00	0.00	14.79	17.72	2.00	0.00	1.00	0.00
14.80	17.89	2.00	0.00	1.00	0.00	14.81	17.88	2.00	0.00	1.00	0.00
14.82	17.53	2.00	0.00	1.00	0.00	14.83	17.03	2.00	0.00	1.00	0.00
14.84	16.23	2.00	0.00	1.00	0.00	14.85	16.22	2.00	0.00	1.00	0.00
14.86	15.76	2.00	0.00	1.00	0.00	14.87	15.67	2.00	0.00	1.00	0.00
14.88	15.70	2.00	0.00	1.00	0.00	14.89	15.70	2.00	0.00	1.00	0.00
14.90	15.81	2.00	0.00	1.00	0.00	14.91	15.85	2.00	0.00	1.00	0.00
14.92	15.72	2.00	0.00	1.00	0.00	14.93	15.71	2.00	0.00	1.00	0.00
14.94	15.71	2.00	0.00	1.00	0.00	14.95	15.78	2.00	0.00	1.00	0.00
14.96	15.87	2.00	0.00	1.00	0.00	14.97	15.86	2.00	0.00	1.00	0.00
14.98	15.76	2.00	0.00	1.00	0.00	14.99	15.76	2.00	0.00	1.00	0.00
15.00	15.53	2.00	0.00	1.00	0.00	15.01	15.52	2.00	0.00	1.00	0.00
15.02	14.58	2.00	0.00	1.00	0.00	15.03	15.08	2.00	0.00	1.00	0.00
15.04	15.15	2.00	0.00	1.00	0.00	15.05	15.19	2.00	0.00	1.00	0.00
15.06	15.14	2.00	0.00	1.00	0.00	15.07	15.13	2.00	0.00	1.00	0.00
15.08	14.92	2.00	0.00	1.00	0.00	15.09	14.67	2.00	0.00	1.00	0.00
15.10	14.38	2.00	0.00	1.00	0.00	15.11	14.37	2.00	0.00	1.00	0.00
15.12	14.69	2.00	0.00	1.00	0.00	15.13	14.81	2.00	0.00	1.00	0.00
15.14	15.38	2.00	0.00	1.00	0.00	15.15	15.38	2.00	0.00	1.00	0.00
15.16	15.62	2.00	0.00	1.00	0.00	15.17	15.89	2.00	0.00	1.00	0.00
15.18	16.18	2.00	0.00	1.00	0.00	15.19	16.30	2.00	0.00	1.00	0.00
15.20	16.17	2.00	0.00	1.00	0.00	15.21	16.20	2.00	0.00	1.00	0.00
15.22	16.24	2.00	0.00	1.00	0.00	15.23	16.23	2.00	0.00	1.00	0.00
15.24	16.39	2.00	0.00	1.00	0.00	15.25	16.42	2.00	0.00	1.00	0.00
15.26	16.38	2.00	0.00	1.00	0.00	15.27	16.41	2.00	0.00	1.00	0.00
15.28	16.49	2.00	0.00	1.00	0.00	15.29	16.36	2.00	0.00	1.00	0.00
15.30	16.35	2.00	0.00	1.00	0.00	15.31	16.10	2.00	0.00	1.00	0.00
15.32	16.01	2.00	0.00	1.00	0.00	15.33	16.25	2.00	0.00	1.00	0.00
15.34	16.24	2.00	0.00	1.00	0.00	15.35	16.15	2.00	0.00	1.00	0.00
15.36	15.82	2.00	0.00	1.00	0.00	15.37	16.10	2.00	0.00	1.00	0.00
15.38	16.09	2.00	0.00	1.00	0.00	15.39	16.45	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

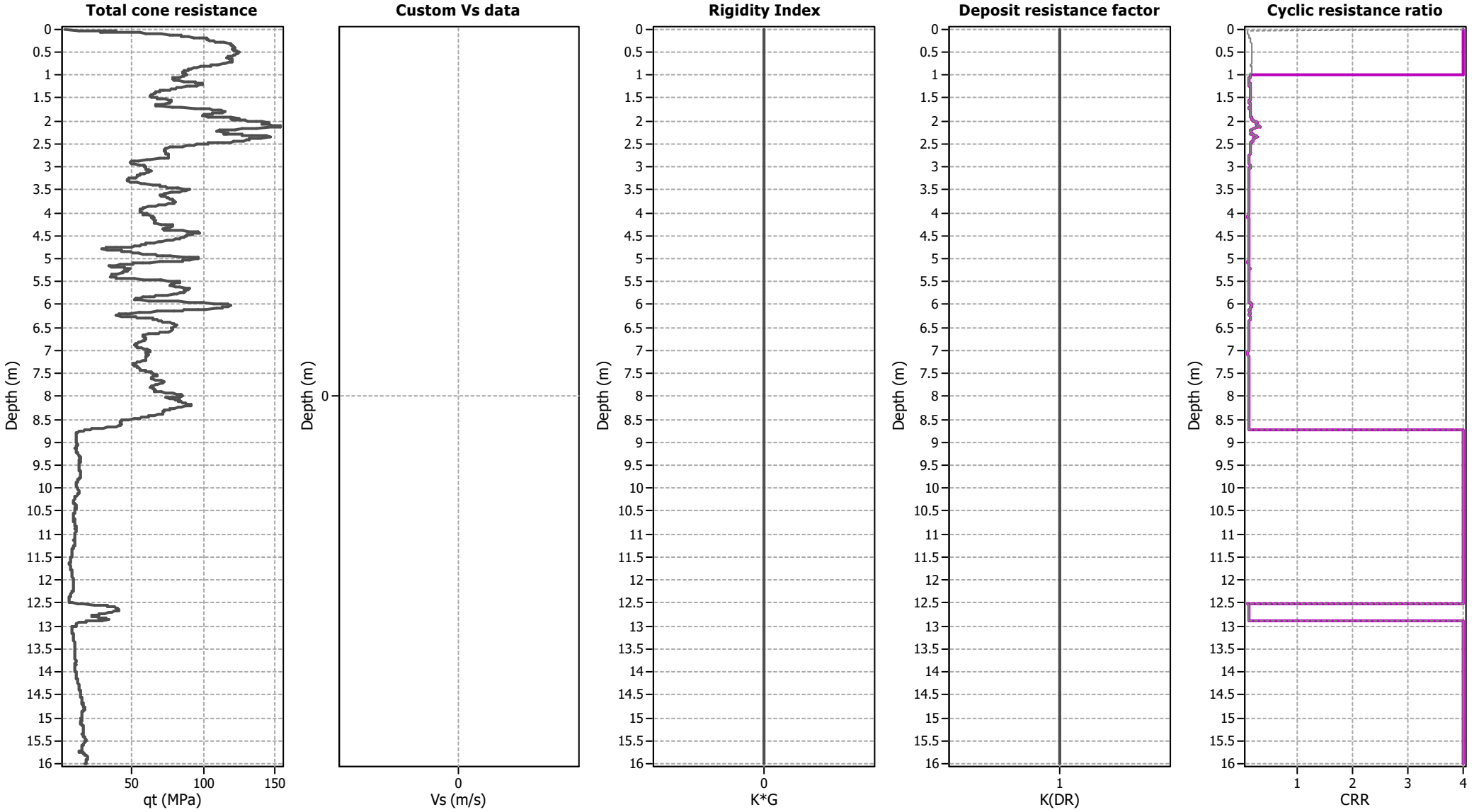
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	16.86	2.00	0.00	1.00	0.00	15.41	16.98	2.00	0.00	1.00	0.00
15.42	17.05	2.00	0.00	1.00	0.00	15.43	17.04	2.00	0.00	1.00	0.00
15.44	17.08	2.00	0.00	1.00	0.00	15.45	17.20	2.00	0.00	1.00	0.00
15.46	17.47	2.00	0.00	1.00	0.00	15.47	18.16	2.00	0.00	1.00	0.00
15.48	18.27	2.00	0.00	1.00	0.00	15.49	18.02	2.00	0.00	1.00	0.00
15.50	18.01	2.00	0.00	1.00	0.00	15.51	17.40	2.00	0.00	1.00	0.00
15.52	17.03	2.00	0.00	1.00	0.00	15.53	17.10	2.00	0.00	1.00	0.00
15.54	17.09	2.00	0.00	1.00	0.00	15.55	17.01	2.00	0.00	1.00	0.00
15.56	16.83	2.00	0.00	1.00	0.00	15.57	16.70	2.00	0.00	1.00	0.00
15.58	16.70	2.00	0.00	1.00	0.00	15.59	16.41	2.00	0.00	1.00	0.00
15.60	16.28	2.00	0.00	1.00	0.00	15.61	15.91	2.00	0.00	1.00	0.00
15.62	15.90	2.00	0.00	1.00	0.00	15.63	15.82	2.00	0.00	1.00	0.00
15.64	15.81	2.00	0.00	1.00	0.00	15.65	15.52	2.00	0.00	1.00	0.00
15.66	15.51	2.00	0.00	1.00	0.00	15.67	15.06	2.00	0.00	1.00	0.00
15.68	15.09	2.00	0.00	1.00	0.00	15.69	15.21	2.00	0.00	1.00	0.00
15.70	15.20	2.00	0.00	1.00	0.00	15.71	15.36	2.00	0.00	1.00	0.00
15.72	15.60	2.00	0.00	1.00	0.00	15.73	13.94	2.00	0.00	1.00	0.00
15.74	13.93	2.00	0.00	1.00	0.00	15.75	15.50	2.00	0.00	1.00	0.00
15.76	15.94	2.00	0.00	1.00	0.00	15.77	16.86	2.00	0.00	1.00	0.00
15.78	16.85	2.00	0.00	1.00	0.00	15.79	17.33	2.00	0.00	1.00	0.00
15.80	17.73	2.00	0.00	1.00	0.00	15.81	17.92	2.00	0.00	1.00	0.00
15.82	18.40	2.00	0.00	1.00	0.00	15.83	18.71	2.00	0.00	1.00	0.00
15.84	19.15	2.00	0.00	1.00	0.00	15.85	19.14	2.00	0.00	1.00	0.00
15.86	19.18	2.00	0.00	1.00	0.00	15.87	19.25	2.00	0.00	1.00	0.00
15.88	19.04	2.00	0.00	1.00	0.00	15.89	19.04	2.00	0.00	1.00	0.00
15.90	18.95	2.00	0.00	1.00	0.00	15.91	18.98	2.00	0.00	1.00	0.00
15.92	18.45	2.00	0.00	1.00	0.00	15.93	18.44	2.00	0.00	1.00	0.00
15.94	18.64	2.00	0.00	1.00	0.00	15.95	18.79	2.00	0.00	1.00	0.00
15.96	18.62	2.00	0.00	1.00	0.00	15.97	18.42	2.00	0.00	1.00	0.00
15.98	17.92	2.00	0.00	1.00	0.00	15.99	17.92	2.00	0.00	1.00	0.00
16.00	17.27	2.00	0.00	1.00	0.00						

Total estimated settlement: 27.70

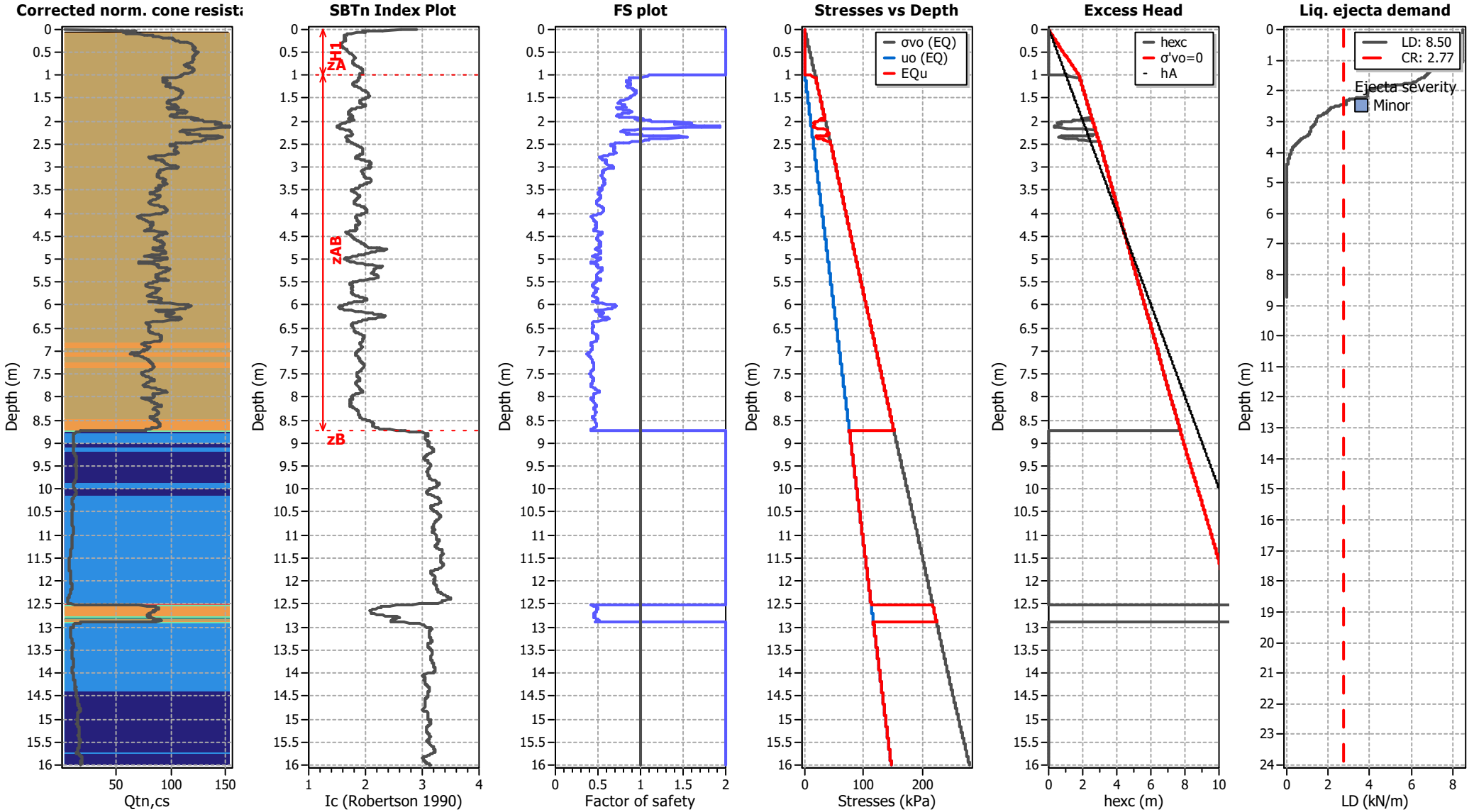
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



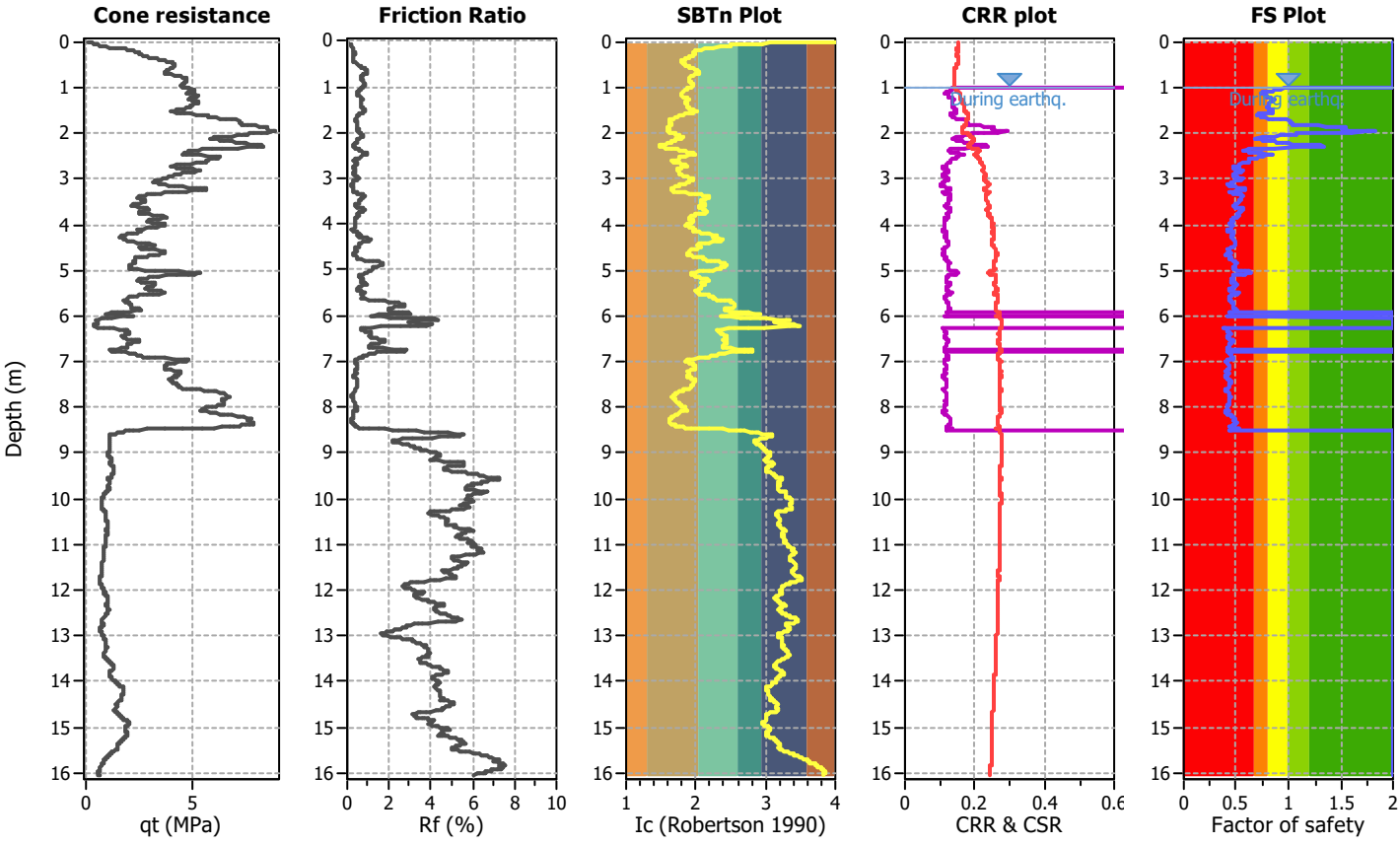
LIQUEFACTION ANALYSIS REPORT

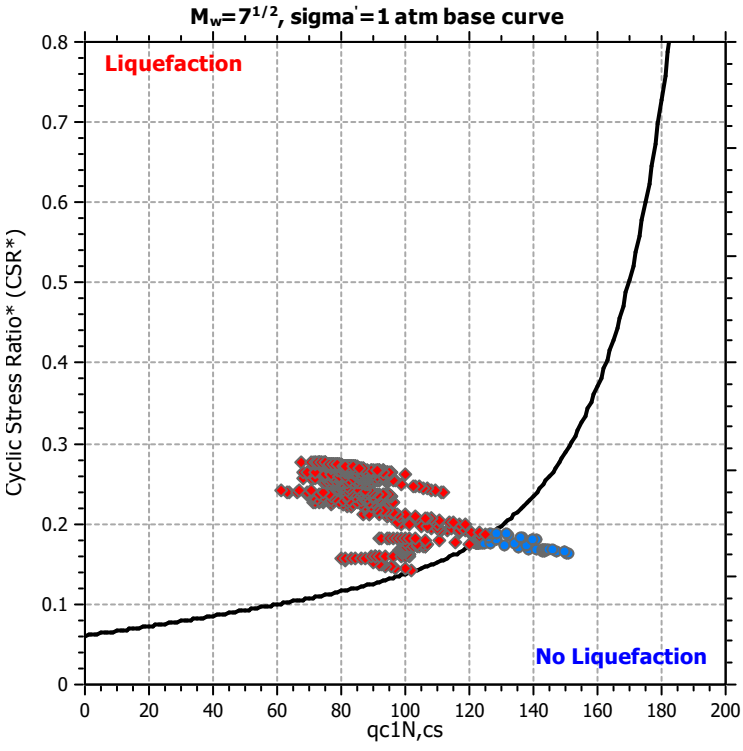
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

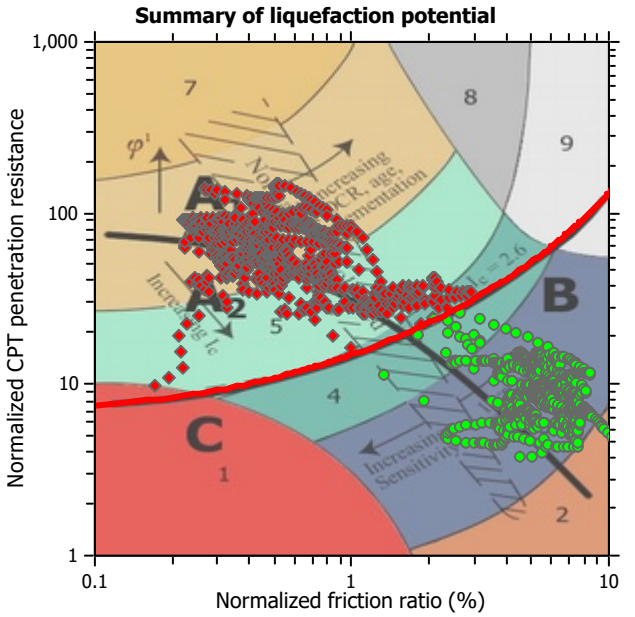
CPT file : 040008P985CPTU986

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

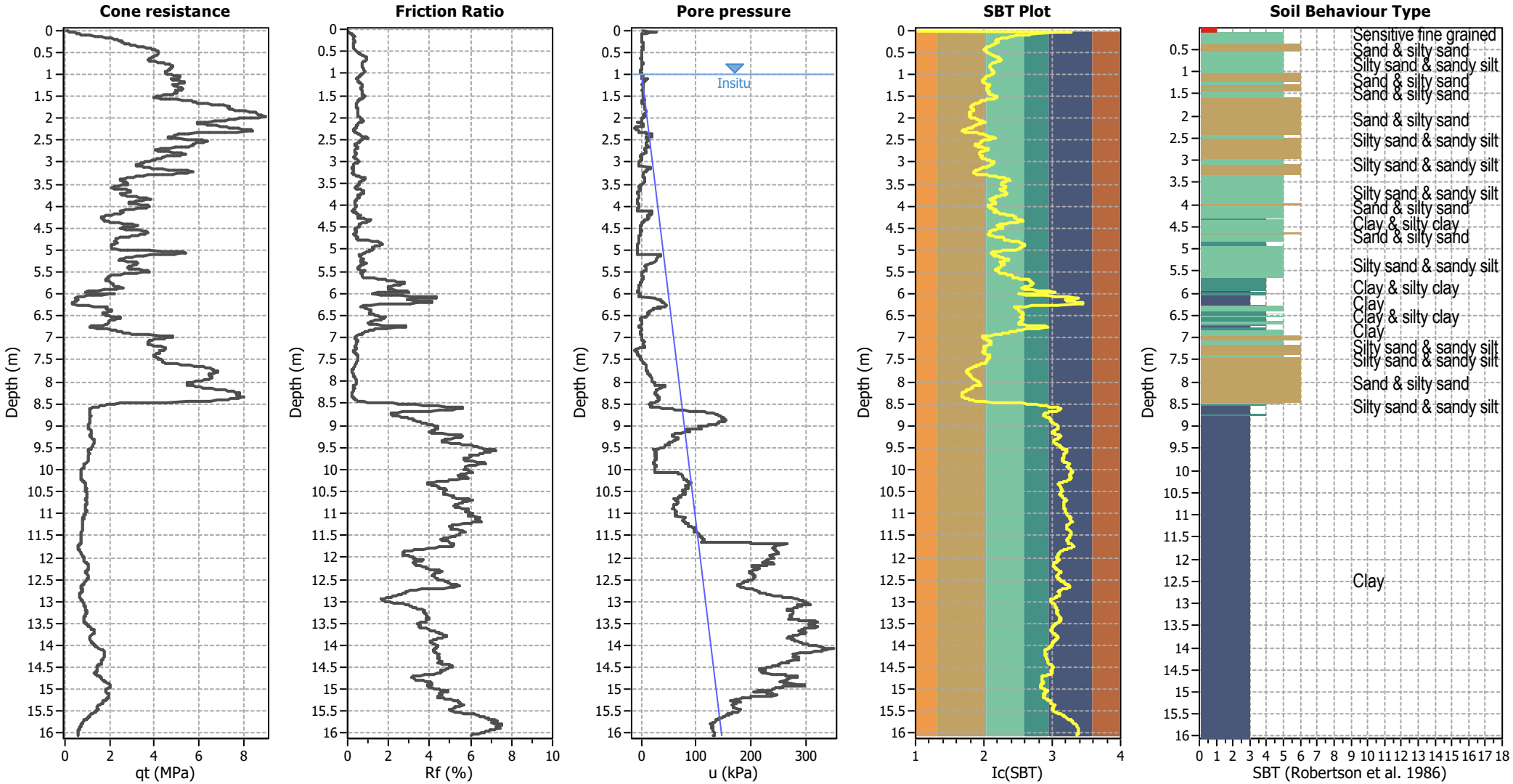






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



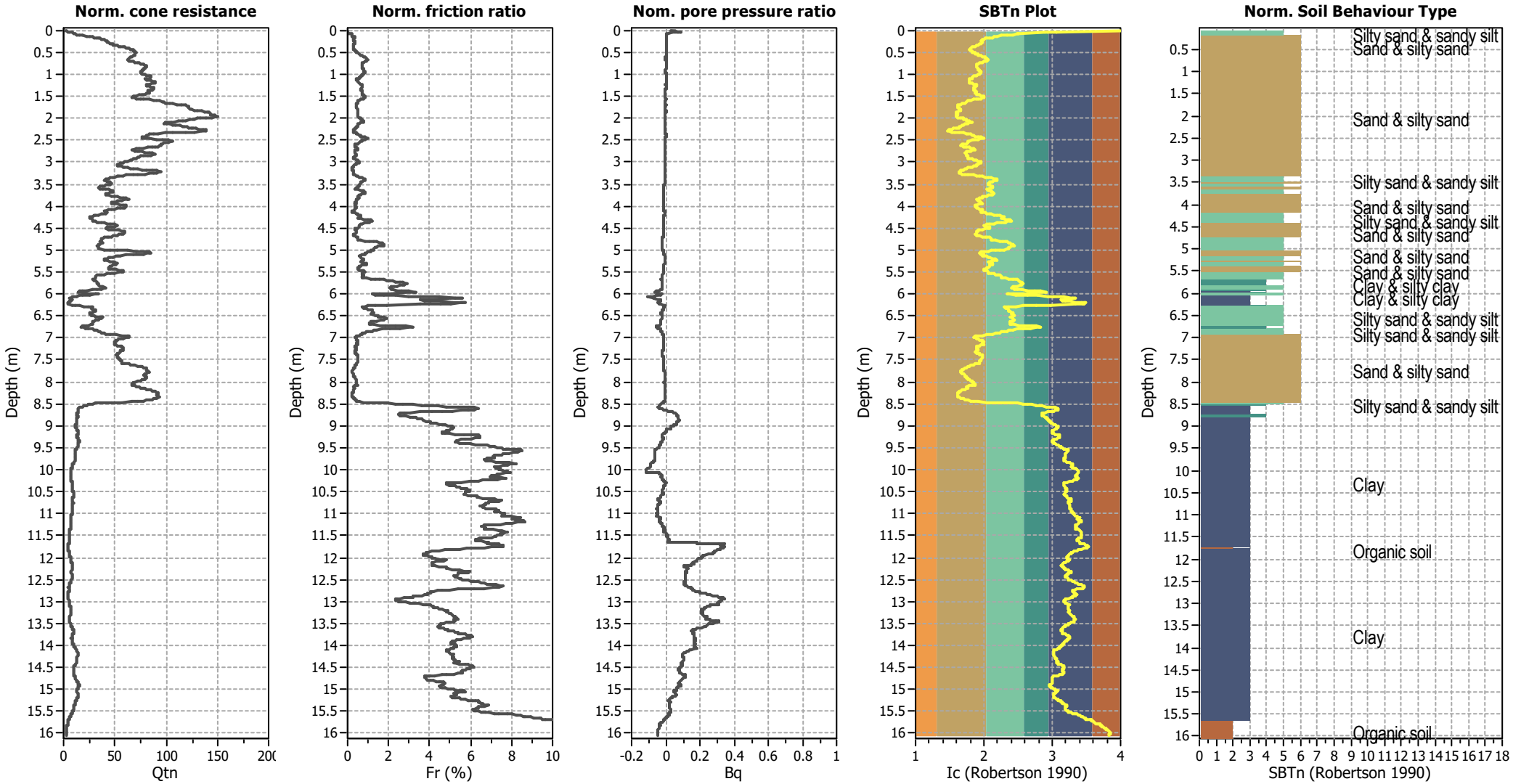
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



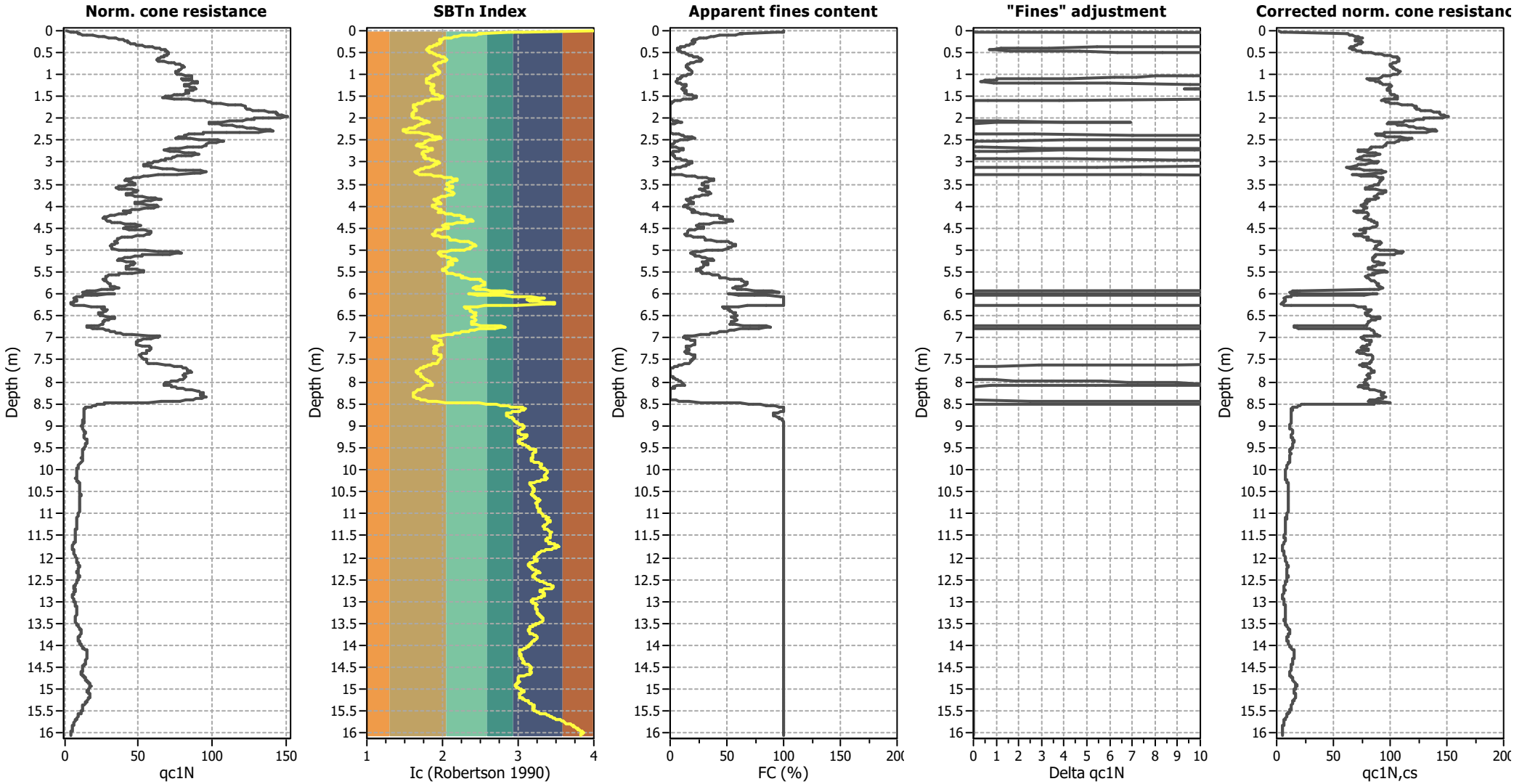
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

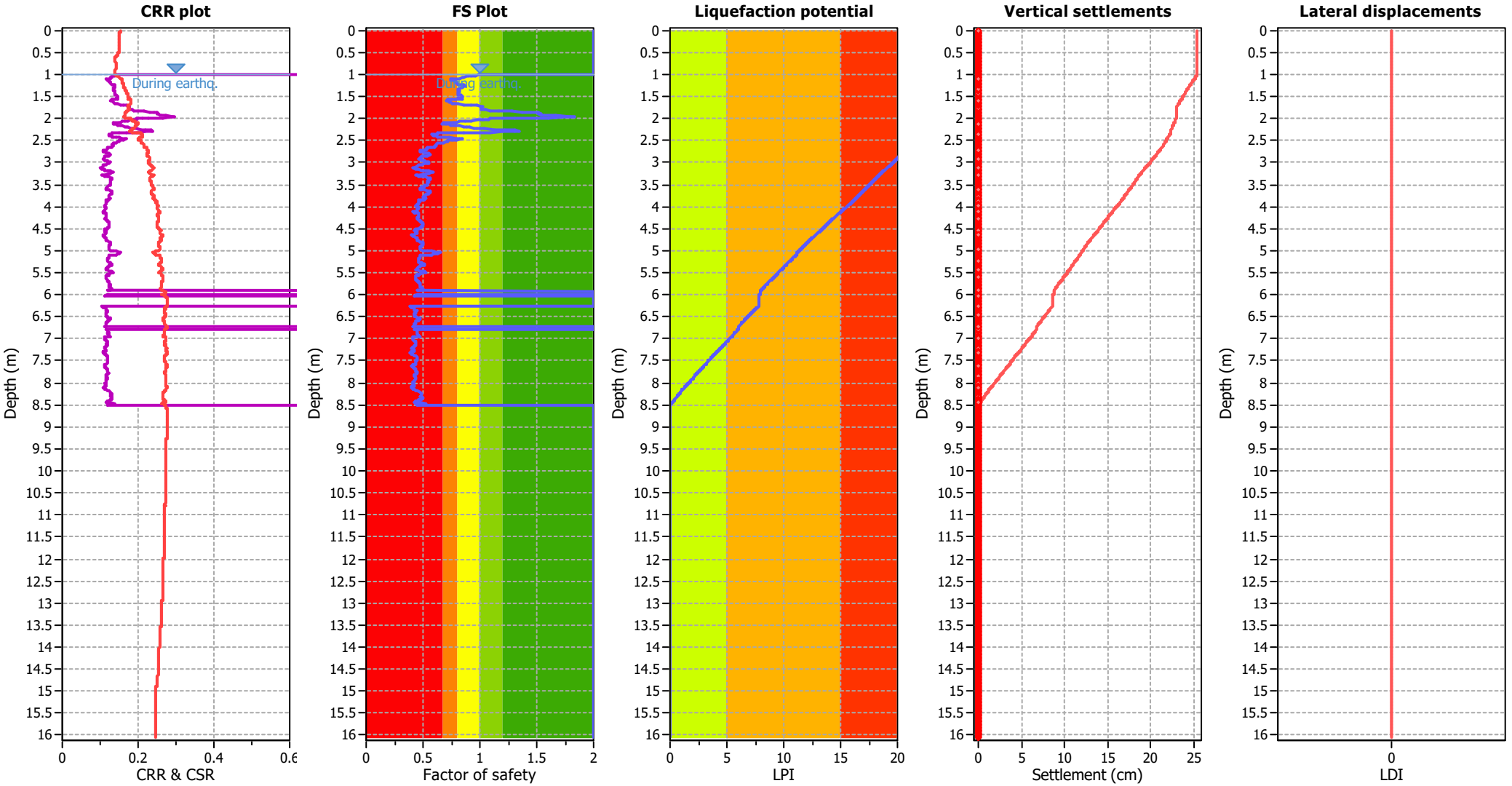
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

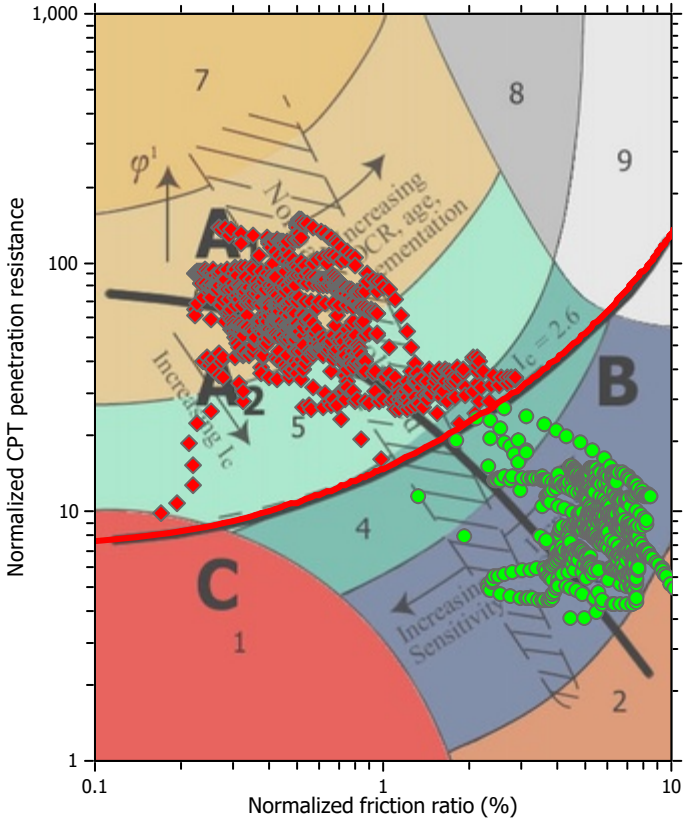
F.S. color scheme

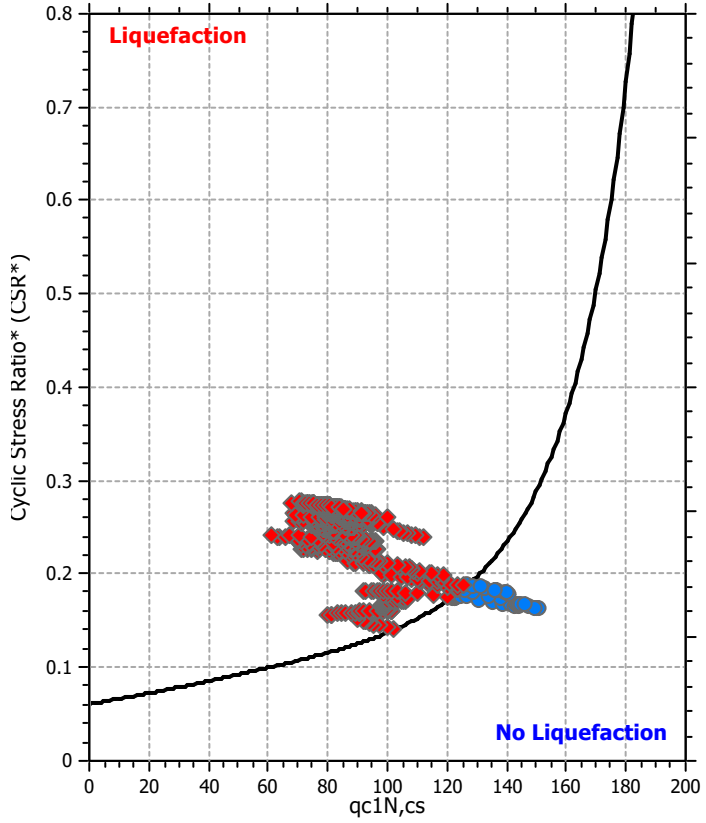
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

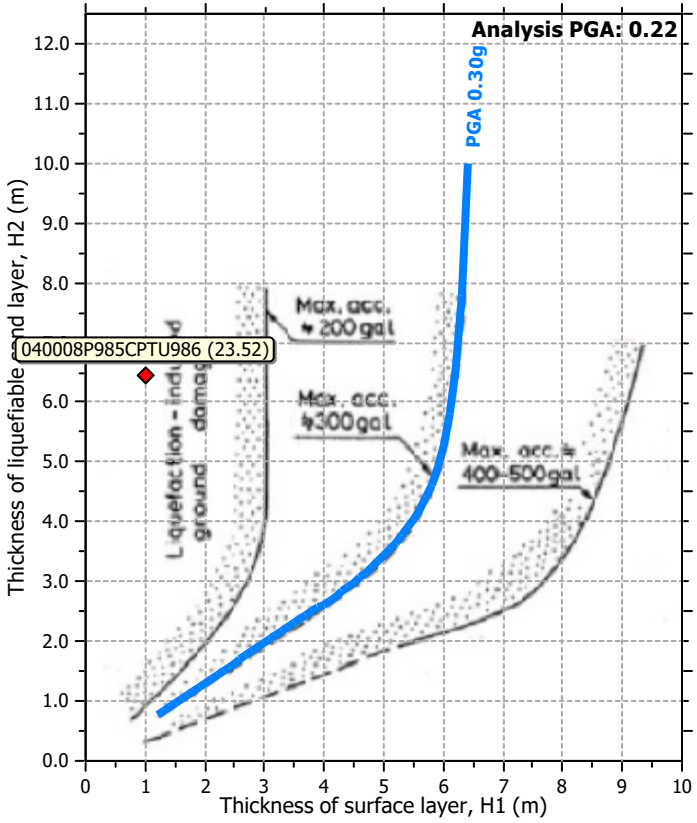
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



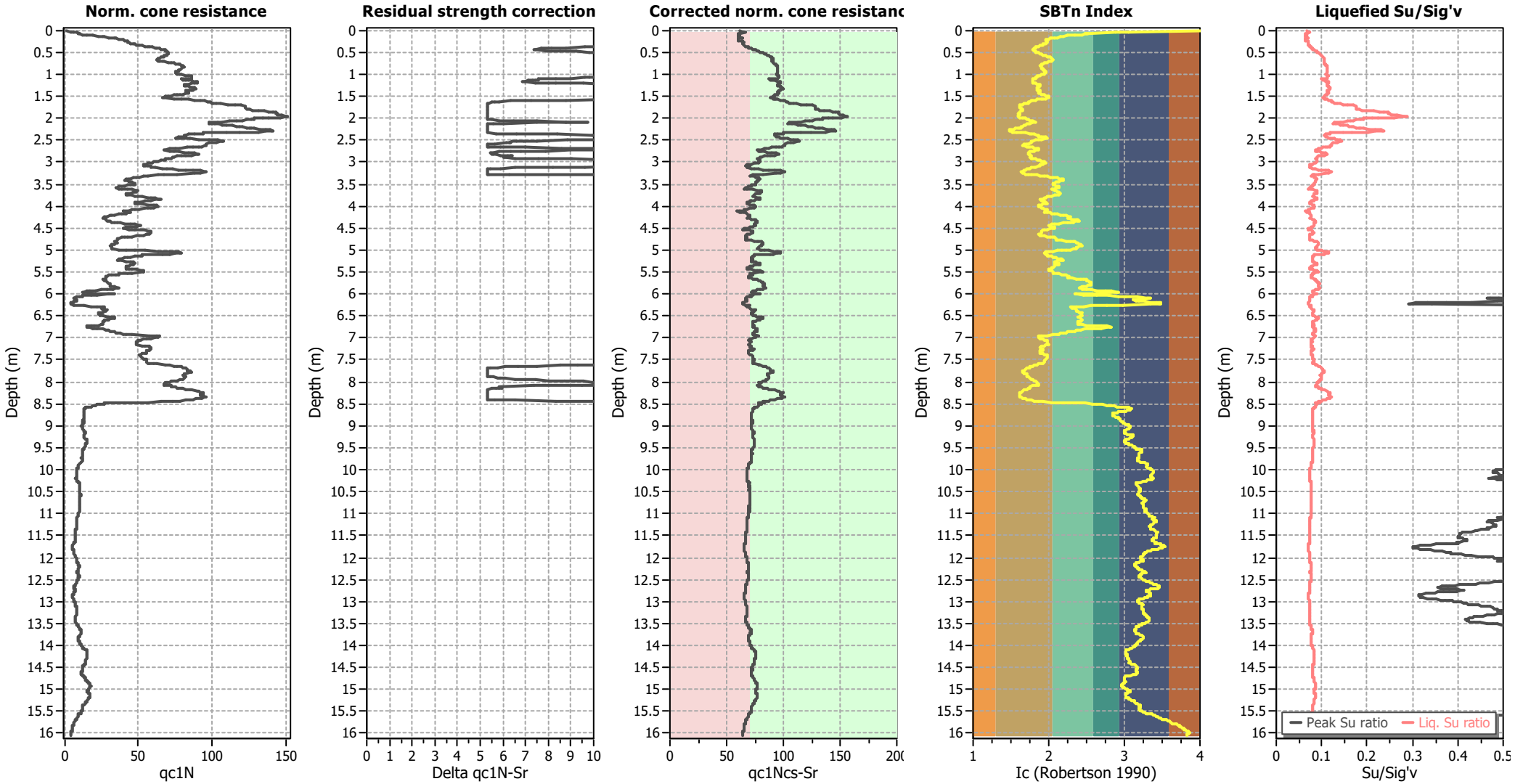




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	0.99	0.00	0.00	0.01	0.00	1.02	0.96	0.00	0.00	0.01	0.00
1.03	0.92	0.00	0.00	0.01	0.01	1.04	0.90	0.00	0.00	0.01	0.01
1.05	0.88	0.00	0.00	0.01	0.01	1.06	0.87	0.00	0.00	0.01	0.01
1.07	0.86	0.14	2.91	0.01	0.01	1.08	0.85	0.15	2.68	0.01	0.01
1.09	0.83	0.17	2.10	0.01	0.02	1.10	0.76	0.24	1.22	0.01	0.02
1.11	0.74	0.26	1.13	0.01	0.02	1.12	0.75	0.25	1.17	0.01	0.02
1.13	0.75	0.25	1.22	0.01	0.02	1.14	0.76	0.24	1.28	0.01	0.02
1.15	0.77	0.23	1.36	0.01	0.02	1.16	0.78	0.22	1.43	0.01	0.02
1.17	0.79	0.21	1.54	0.01	0.02	1.18	0.80	0.20	1.60	0.01	0.02
1.19	0.79	0.21	1.59	0.01	0.02	1.20	0.79	0.21	1.54	0.01	0.02
1.21	0.80	0.20	1.62	0.01	0.02	1.22	0.81	0.19	1.83	0.01	0.02
1.23	0.83	0.17	2.19	0.01	0.02	1.24	0.85	0.15	2.61	0.01	0.01
1.25	0.86	0.00	0.00	0.01	0.01	1.26	0.87	0.00	0.00	0.01	0.01
1.27	0.87	0.00	0.00	0.01	0.01	1.28	0.86	0.00	0.00	0.01	0.01
1.29	0.85	0.15	2.69	0.01	0.01	1.30	0.84	0.16	2.40	0.01	0.01
1.31	0.83	0.17	2.19	0.01	0.02	1.32	0.82	0.18	2.02	0.01	0.02
1.33	0.82	0.18	1.89	0.01	0.02	1.34	0.81	0.19	1.79	0.01	0.02
1.35	0.81	0.19	1.76	0.01	0.02	1.36	0.81	0.19	1.84	0.01	0.02
1.37	0.82	0.18	1.91	0.01	0.02	1.38	0.82	0.18	1.96	0.01	0.02
1.39	0.81	0.19	1.87	0.01	0.02	1.40	0.81	0.19	1.78	0.01	0.02
1.41	0.80	0.20	1.73	0.01	0.02	1.42	0.80	0.20	1.68	0.01	0.02
1.43	0.80	0.20	1.68	0.01	0.02	1.44	0.80	0.20	1.71	0.01	0.02
1.45	0.81	0.19	1.81	0.01	0.02	1.46	0.82	0.18	1.96	0.01	0.02
1.47	0.83	0.17	2.16	0.01	0.02	1.48	0.84	0.16	2.31	0.01	0.02
1.49	0.84	0.16	2.52	0.01	0.01	1.50	0.85	0.15	2.63	0.01	0.01
1.51	0.85	0.15	2.64	0.01	0.01	1.52	0.84	0.16	2.53	0.01	0.01
1.53	0.84	0.16	2.32	0.01	0.02	1.54	0.81	0.19	1.85	0.01	0.02
1.55	0.85	0.15	2.59	0.01	0.01	1.56	0.78	0.22	1.39	0.01	0.02
1.57	0.76	0.24	1.27	0.01	0.02	1.58	0.72	0.28	1.03	0.01	0.03
1.59	0.70	0.30	0.93	0.01	0.03	1.60	0.71	0.29	0.94	0.01	0.03
1.61	0.72	0.28	1.02	0.01	0.03	1.62	0.73	0.27	1.07	0.01	0.02
1.63	0.74	0.26	1.11	0.01	0.02	1.64	0.74	0.26	1.15	0.01	0.02
1.65	0.75	0.25	1.21	0.01	0.02	1.66	0.76	0.24	1.29	0.01	0.02
1.67	0.78	0.22	1.46	0.01	0.02	1.68	0.81	0.19	1.81	0.01	0.02
1.69	0.85	0.15	2.85	0.01	0.01	1.70	0.92	0.00	0.00	0.01	0.01
1.71	0.98	0.00	0.00	0.01	0.00	1.72	1.02	0.00	0.00	0.01	0.00
1.73	1.03	0.00	0.00	0.01	0.00	1.74	1.02	0.00	0.00	0.01	0.00
1.75	1.02	0.00	0.00	0.01	0.00	1.76	1.01	0.00	0.00	0.01	0.00
1.77	1.01	0.00	0.00	0.01	0.00	1.78	1.02	0.00	0.00	0.01	0.00
1.79	1.03	0.00	0.00	0.01	0.00	1.80	1.04	0.00	0.00	0.01	0.00
1.81	1.05	0.00	0.00	0.01	0.00	1.82	1.08	0.00	0.00	0.01	0.00
1.83	1.17	0.00	0.00	0.01	0.00	1.84	1.28	0.00	0.00	0.01	0.00
1.85	1.37	0.00	0.00	0.01	0.00	1.86	1.45	0.00	0.00	0.01	0.00
1.87	1.51	0.00	0.00	0.01	0.00	1.88	1.54	0.00	0.00	0.01	0.00
1.89	1.51	0.00	0.00	0.01	0.00	1.90	1.51	0.00	0.00	0.01	0.00
1.91	1.52	0.00	0.00	0.01	0.00	1.92	1.54	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.57	0.00	0.00	0.01	0.00	1.94	1.67	0.00	0.00	0.01	0.00
1.95	1.80	0.00	0.00	0.01	0.00	1.96	1.83	0.00	0.00	0.01	0.00
1.97	1.75	0.00	0.00	0.01	0.00	1.98	1.60	0.00	0.00	0.01	0.00
1.99	1.31	0.00	0.00	0.01	0.00	2.00	1.20	0.00	0.00	0.01	0.00
2.01	1.08	0.00	0.00	0.01	0.00	2.02	1.08	0.00	0.00	0.01	0.00
2.03	1.03	0.00	0.00	0.01	0.00	2.04	0.97	0.00	0.00	0.01	0.00
2.05	0.93	0.00	0.00	0.01	0.01	2.06	0.87	0.00	0.00	0.01	0.01
2.07	0.83	0.17	2.07	0.01	0.02	2.08	0.80	0.20	1.66	0.01	0.02
2.09	0.80	0.20	1.62	0.01	0.02	2.10	0.76	0.24	1.29	0.01	0.02
2.11	0.68	0.32	0.84	0.01	0.03	2.12	0.67	0.33	0.81	0.01	0.03
2.13	0.70	0.30	0.92	0.01	0.03	2.14	0.73	0.27	1.05	0.01	0.02
2.15	0.75	0.25	1.18	0.01	0.02	2.16	0.78	0.22	1.41	0.01	0.02
2.17	0.82	0.18	2.04	0.01	0.02	2.18	0.86	0.00	0.00	0.01	0.01
2.19	0.88	0.00	0.00	0.01	0.01	2.20	0.91	0.00	0.00	0.01	0.01
2.21	0.95	0.00	0.00	0.01	0.00	2.22	0.98	0.00	0.00	0.01	0.00
2.23	1.00	0.00	0.00	0.01	0.00	2.24	1.04	0.00	0.00	0.01	0.00
2.25	1.12	0.00	0.00	0.01	0.00	2.26	1.22	0.00	0.00	0.01	0.00
2.27	1.31	0.00	0.00	0.01	0.00	2.28	1.34	0.00	0.00	0.01	0.00
2.29	1.31	0.00	0.00	0.01	0.00	2.30	1.20	0.00	0.00	0.01	0.00
2.31	1.09	0.00	0.00	0.01	0.00	2.32	0.86	0.00	0.00	0.01	0.01
2.33	0.76	0.24	1.23	0.01	0.02	2.34	0.62	0.38	0.68	0.01	0.03
2.35	0.62	0.38	0.68	0.01	0.03	2.36	0.59	0.41	0.60	0.01	0.04
2.37	0.57	0.43	0.58	0.01	0.04	2.38	0.59	0.41	0.61	0.01	0.04
2.39	0.60	0.40	0.64	0.01	0.03	2.40	0.62	0.38	0.67	0.01	0.03
2.41	0.63	0.37	0.69	0.01	0.03	2.42	0.65	0.35	0.74	0.01	0.03
2.43	0.69	0.31	0.88	0.01	0.03	2.44	0.74	0.26	1.10	0.01	0.02
2.45	0.79	0.21	1.54	0.01	0.02	2.46	0.83	0.17	2.09	0.01	0.02
2.47	0.85	0.15	2.76	0.01	0.01	2.48	0.80	0.20	1.67	0.01	0.02
2.49	0.75	0.25	1.21	0.01	0.02	2.50	0.72	0.28	1.02	0.01	0.02
2.51	0.72	0.28	1.03	0.01	0.02	2.52	0.72	0.28	1.02	0.01	0.02
2.53	0.71	0.29	0.97	0.01	0.03	2.54	0.70	0.30	0.93	0.01	0.03
2.55	0.68	0.32	0.83	0.01	0.03	2.56	0.65	0.35	0.75	0.01	0.03
2.57	0.63	0.37	0.70	0.01	0.03	2.58	0.62	0.38	0.68	0.01	0.03
2.59	0.62	0.38	0.67	0.01	0.03	2.60	0.62	0.38	0.67	0.01	0.03
2.61	0.62	0.38	0.67	0.01	0.03	2.62	0.62	0.38	0.67	0.01	0.03
2.63	0.61	0.39	0.64	0.01	0.03	2.64	0.60	0.40	0.62	0.01	0.04
2.65	0.58	0.42	0.60	0.01	0.04	2.66	0.56	0.44	0.56	0.01	0.04
2.67	0.54	0.46	0.52	0.01	0.04	2.68	0.53	0.47	0.51	0.01	0.04
2.69	0.53	0.47	0.52	0.01	0.04	2.70	0.53	0.47	0.52	0.01	0.04
2.71	0.52	0.48	0.51	0.01	0.04	2.72	0.50	0.50	0.48	0.01	0.04
2.73	0.48	0.52	0.45	0.01	0.05	2.74	0.48	0.52	0.46	0.01	0.04
2.75	0.48	0.52	0.45	0.01	0.05	2.76	0.49	0.51	0.47	0.01	0.04
2.77	0.50	0.50	0.48	0.01	0.04	2.78	0.52	0.48	0.50	0.01	0.04
2.79	0.53	0.47	0.52	0.01	0.04	2.80	0.55	0.45	0.55	0.01	0.04
2.81	0.57	0.43	0.57	0.01	0.04	2.82	0.57	0.43	0.58	0.01	0.04
2.83	0.56	0.44	0.56	0.01	0.04	2.84	0.54	0.46	0.53	0.01	0.04
2.85	0.52	0.48	0.50	0.01	0.04	2.86	0.51	0.49	0.49	0.01	0.04
2.87	0.49	0.51	0.47	0.01	0.04	2.88	0.48	0.52	0.46	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.48	0.52	0.46	0.01	0.04	2.90	0.48	0.52	0.45	0.01	0.04
2.91	0.47	0.53	0.45	0.01	0.05	2.92	0.47	0.53	0.44	0.01	0.05
2.93	0.47	0.53	0.45	0.01	0.05	2.94	0.49	0.51	0.47	0.01	0.04
2.95	0.51	0.49	0.49	0.01	0.04	2.96	0.52	0.48	0.50	0.01	0.04
2.97	0.53	0.47	0.51	0.01	0.04	2.98	0.54	0.46	0.54	0.01	0.04
2.99	0.56	0.44	0.55	0.01	0.04	3.00	0.56	0.44	0.56	0.01	0.04
3.01	0.55	0.45	0.54	0.01	0.04	3.02	0.53	0.47	0.52	0.01	0.04
3.03	0.51	0.49	0.50	0.01	0.04	3.04	0.49	0.51	0.47	0.01	0.04
3.05	0.47	0.53	0.45	0.01	0.04	3.06	0.46	0.54	0.44	0.01	0.05
3.07	0.45	0.55	0.43	0.01	0.05	3.08	0.45	0.55	0.43	0.01	0.05
3.09	0.45	0.55	0.43	0.01	0.05	3.10	0.45	0.55	0.43	0.01	0.05
3.11	0.43	0.57	0.41	0.01	0.05	3.12	0.42	0.58	0.40	0.01	0.05
3.13	0.42	0.58	0.40	0.01	0.05	3.14	0.44	0.56	0.41	0.01	0.05
3.15	0.45	0.55	0.43	0.01	0.05	3.16	0.46	0.54	0.44	0.01	0.05
3.17	0.48	0.52	0.46	0.01	0.04	3.18	0.50	0.50	0.48	0.01	0.04
3.19	0.53	0.47	0.52	0.01	0.04	3.20	0.56	0.44	0.55	0.01	0.04
3.21	0.58	0.42	0.59	0.01	0.04	3.22	0.58	0.42	0.60	0.01	0.03
3.23	0.58	0.42	0.60	0.01	0.04	3.24	0.56	0.44	0.55	0.01	0.04
3.25	0.53	0.47	0.52	0.01	0.04	3.26	0.53	0.47	0.52	0.01	0.04
3.27	0.47	0.53	0.45	0.01	0.04	3.28	0.47	0.53	0.45	0.01	0.04
3.29	0.43	0.57	0.41	0.01	0.05	3.30	0.45	0.55	0.43	0.01	0.05
3.31	0.46	0.54	0.44	0.01	0.04	3.32	0.51	0.49	0.49	0.01	0.04
3.33	0.52	0.48	0.51	0.01	0.04	3.34	0.54	0.46	0.53	0.01	0.04
3.35	0.55	0.45	0.55	0.01	0.04	3.36	0.56	0.44	0.56	0.01	0.04
3.37	0.56	0.44	0.56	0.01	0.04	3.38	0.56	0.44	0.56	0.01	0.04
3.39	0.55	0.45	0.55	0.01	0.04	3.40	0.55	0.45	0.54	0.01	0.04
3.41	0.55	0.45	0.54	0.01	0.04	3.42	0.55	0.45	0.54	0.01	0.04
3.43	0.54	0.46	0.54	0.01	0.04	3.44	0.55	0.45	0.54	0.01	0.04
3.45	0.54	0.46	0.54	0.01	0.04	3.46	0.54	0.46	0.53	0.01	0.04
3.47	0.54	0.46	0.52	0.01	0.04	3.48	0.53	0.47	0.52	0.01	0.04
3.49	0.54	0.46	0.52	0.01	0.04	3.50	0.53	0.47	0.52	0.01	0.04
3.51	0.53	0.47	0.51	0.01	0.04	3.52	0.52	0.48	0.50	0.01	0.04
3.53	0.51	0.49	0.49	0.01	0.04	3.54	0.51	0.49	0.49	0.01	0.04
3.55	0.50	0.50	0.48	0.01	0.04	3.56	0.49	0.51	0.47	0.01	0.04
3.57	0.48	0.52	0.46	0.01	0.04	3.58	0.48	0.52	0.45	0.01	0.04
3.59	0.47	0.53	0.45	0.01	0.04	3.60	0.47	0.53	0.44	0.01	0.04
3.61	0.47	0.53	0.45	0.01	0.04	3.62	0.49	0.51	0.46	0.01	0.04
3.63	0.51	0.49	0.49	0.01	0.04	3.64	0.54	0.46	0.53	0.01	0.04
3.65	0.56	0.44	0.56	0.01	0.04	3.66	0.56	0.44	0.56	0.01	0.04
3.67	0.56	0.44	0.56	0.01	0.04	3.68	0.56	0.44	0.56	0.01	0.04
3.69	0.56	0.44	0.55	0.01	0.04	3.70	0.55	0.45	0.55	0.01	0.04
3.71	0.54	0.46	0.54	0.01	0.04	3.72	0.53	0.47	0.52	0.01	0.04
3.73	0.53	0.47	0.51	0.01	0.04	3.74	0.52	0.48	0.50	0.01	0.04
3.75	0.52	0.48	0.50	0.01	0.04	3.76	0.51	0.49	0.50	0.01	0.04
3.77	0.51	0.49	0.49	0.01	0.04	3.78	0.50	0.50	0.48	0.01	0.04
3.79	0.51	0.49	0.49	0.01	0.04	3.80	0.52	0.48	0.50	0.01	0.04
3.81	0.52	0.48	0.50	0.01	0.04	3.82	0.52	0.48	0.50	0.01	0.04
3.83	0.51	0.49	0.49	0.01	0.04	3.84	0.50	0.50	0.47	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.48	0.52	0.46	0.01	0.04	3.86	0.47	0.53	0.44	0.01	0.04
3.87	0.47	0.53	0.45	0.01	0.04	3.88	0.46	0.54	0.44	0.01	0.04
3.89	0.48	0.52	0.45	0.01	0.04	3.90	0.47	0.53	0.44	0.01	0.04
3.91	0.46	0.54	0.44	0.01	0.04	3.92	0.46	0.54	0.44	0.01	0.04
3.93	0.46	0.54	0.44	0.01	0.04	3.94	0.46	0.54	0.44	0.01	0.04
3.95	0.46	0.54	0.44	0.01	0.04	3.96	0.45	0.55	0.43	0.01	0.04
3.97	0.45	0.55	0.42	0.01	0.04	3.98	0.44	0.56	0.42	0.01	0.04
3.99	0.44	0.56	0.42	0.01	0.04	4.00	0.44	0.56	0.42	0.01	0.04
4.01	0.45	0.55	0.43	0.01	0.04	4.02	0.46	0.54	0.44	0.01	0.04
4.03	0.46	0.54	0.44	0.01	0.04	4.04	0.46	0.54	0.44	0.01	0.04
4.05	0.45	0.55	0.43	0.01	0.04	4.06	0.45	0.55	0.43	0.01	0.04
4.07	0.45	0.55	0.43	0.01	0.04	4.08	0.45	0.55	0.43	0.01	0.04
4.09	0.45	0.55	0.42	0.01	0.04	4.10	0.44	0.56	0.42	0.01	0.04
4.11	0.42	0.58	0.40	0.01	0.05	4.12	0.41	0.59	0.40	0.01	0.05
4.13	0.42	0.58	0.40	0.01	0.05	4.14	0.43	0.57	0.41	0.01	0.05
4.15	0.44	0.56	0.42	0.01	0.04	4.16	0.46	0.54	0.43	0.01	0.04
4.17	0.46	0.54	0.44	0.01	0.04	4.18	0.47	0.53	0.44	0.01	0.04
4.19	0.46	0.54	0.44	0.01	0.04	4.20	0.46	0.54	0.44	0.01	0.04
4.21	0.46	0.54	0.44	0.01	0.04	4.22	0.46	0.54	0.44	0.01	0.04
4.23	0.46	0.54	0.44	0.01	0.04	4.24	0.45	0.55	0.43	0.01	0.04
4.25	0.45	0.55	0.43	0.01	0.04	4.26	0.44	0.56	0.42	0.01	0.04
4.27	0.44	0.56	0.42	0.01	0.04	4.28	0.45	0.55	0.43	0.01	0.04
4.29	0.45	0.55	0.43	0.01	0.04	4.30	0.46	0.54	0.44	0.01	0.04
4.31	0.47	0.53	0.44	0.01	0.04	4.32	0.47	0.53	0.45	0.01	0.04
4.33	0.47	0.53	0.45	0.01	0.04	4.34	0.48	0.52	0.46	0.01	0.04
4.35	0.48	0.52	0.46	0.01	0.04	4.36	0.49	0.51	0.46	0.01	0.04
4.37	0.49	0.51	0.47	0.01	0.04	4.38	0.49	0.51	0.47	0.01	0.04
4.39	0.50	0.50	0.47	0.01	0.04	4.40	0.50	0.50	0.48	0.01	0.04
4.41	0.49	0.51	0.47	0.01	0.04	4.42	0.49	0.51	0.47	0.01	0.04
4.43	0.49	0.51	0.47	0.01	0.04	4.44	0.50	0.50	0.47	0.01	0.04
4.45	0.49	0.51	0.47	0.01	0.04	4.46	0.49	0.51	0.46	0.01	0.04
4.47	0.48	0.52	0.46	0.01	0.04	4.48	0.48	0.52	0.46	0.01	0.04
4.49	0.47	0.53	0.45	0.01	0.04	4.50	0.46	0.54	0.44	0.01	0.04
4.51	0.45	0.55	0.43	0.01	0.04	4.52	0.44	0.56	0.42	0.01	0.04
4.53	0.43	0.57	0.41	0.01	0.04	4.54	0.42	0.58	0.40	0.01	0.04
4.55	0.44	0.56	0.42	0.01	0.04	4.56	0.44	0.56	0.42	0.01	0.04
4.57	0.44	0.56	0.42	0.01	0.04	4.58	0.44	0.56	0.42	0.01	0.04
4.59	0.44	0.56	0.42	0.01	0.04	4.60	0.44	0.56	0.42	0.01	0.04
4.61	0.44	0.56	0.42	0.01	0.04	4.62	0.44	0.56	0.42	0.01	0.04
4.63	0.42	0.58	0.40	0.01	0.04	4.64	0.41	0.59	0.39	0.01	0.05
4.65	0.40	0.60	0.39	0.01	0.05	4.66	0.40	0.60	0.39	0.01	0.05
4.67	0.41	0.59	0.40	0.01	0.04	4.68	0.43	0.57	0.41	0.01	0.04
4.69	0.43	0.57	0.41	0.01	0.04	4.70	0.45	0.55	0.42	0.01	0.04
4.71	0.45	0.55	0.43	0.01	0.04	4.72	0.45	0.55	0.43	0.01	0.04
4.73	0.45	0.55	0.43	0.01	0.04	4.74	0.45	0.55	0.42	0.01	0.04
4.75	0.44	0.56	0.42	0.01	0.04	4.76	0.44	0.56	0.42	0.01	0.04
4.77	0.45	0.55	0.43	0.01	0.04	4.78	0.46	0.54	0.44	0.01	0.04
4.79	0.47	0.53	0.45	0.01	0.04	4.80	0.48	0.52	0.46	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.49	0.51	0.47	0.01	0.04	4.82	0.50	0.50	0.48	0.01	0.04
4.83	0.50	0.50	0.48	0.01	0.04	4.84	0.51	0.49	0.49	0.01	0.04
4.85	0.50	0.50	0.48	0.01	0.04	4.86	0.50	0.50	0.48	0.01	0.04
4.87	0.49	0.51	0.47	0.01	0.04	4.88	0.49	0.51	0.47	0.01	0.04
4.89	0.49	0.51	0.46	0.01	0.04	4.90	0.48	0.52	0.46	0.01	0.04
4.91	0.48	0.52	0.46	0.01	0.04	4.92	0.48	0.52	0.46	0.01	0.04
4.93	0.48	0.52	0.46	0.01	0.04	4.94	0.48	0.52	0.45	0.01	0.04
4.95	0.48	0.52	0.45	0.01	0.04	4.96	0.47	0.53	0.45	0.01	0.04
4.97	0.47	0.53	0.45	0.01	0.04	4.98	0.48	0.52	0.46	0.01	0.04
4.99	0.50	0.50	0.47	0.01	0.04	5.00	0.52	0.48	0.50	0.01	0.04
5.01	0.54	0.46	0.53	0.01	0.03	5.02	0.58	0.42	0.59	0.01	0.03
5.03	0.61	0.39	0.66	0.01	0.03	5.04	0.64	0.36	0.73	0.01	0.03
5.05	0.65	0.35	0.74	0.01	0.03	5.06	0.63	0.37	0.69	0.01	0.03
5.07	0.60	0.40	0.64	0.01	0.03	5.08	0.59	0.41	0.62	0.01	0.03
5.09	0.58	0.42	0.60	0.01	0.03	5.10	0.57	0.43	0.57	0.01	0.03
5.11	0.47	0.53	0.45	0.01	0.04	5.12	0.47	0.53	0.45	0.01	0.04
5.13	0.47	0.53	0.45	0.01	0.04	5.14	0.47	0.53	0.45	0.01	0.04
5.15	0.47	0.53	0.45	0.01	0.04	5.16	0.47	0.53	0.45	0.01	0.04
5.17	0.47	0.53	0.44	0.01	0.04	5.18	0.46	0.54	0.44	0.01	0.04
5.19	0.46	0.54	0.44	0.01	0.04	5.20	0.46	0.54	0.44	0.01	0.04
5.21	0.46	0.54	0.44	0.01	0.04	5.22	0.46	0.54	0.44	0.01	0.04
5.23	0.46	0.54	0.44	0.01	0.04	5.24	0.46	0.54	0.44	0.01	0.04
5.25	0.46	0.54	0.44	0.01	0.04	5.26	0.47	0.53	0.44	0.01	0.04
5.27	0.47	0.53	0.45	0.01	0.04	5.28	0.49	0.51	0.46	0.01	0.04
5.29	0.50	0.50	0.48	0.01	0.04	5.30	0.51	0.49	0.49	0.01	0.04
5.31	0.51	0.49	0.49	0.01	0.04	5.32	0.51	0.49	0.49	0.01	0.04
5.33	0.50	0.50	0.48	0.01	0.04	5.34	0.49	0.51	0.47	0.01	0.04
5.35	0.48	0.52	0.46	0.01	0.04	5.36	0.47	0.53	0.45	0.01	0.04
5.37	0.46	0.54	0.44	0.01	0.04	5.38	0.46	0.54	0.44	0.01	0.04
5.39	0.45	0.55	0.43	0.01	0.04	5.40	0.45	0.55	0.42	0.01	0.04
5.41	0.44	0.56	0.42	0.01	0.04	5.42	0.44	0.56	0.42	0.01	0.04
5.43	0.44	0.56	0.42	0.01	0.04	5.44	0.45	0.55	0.42	0.01	0.04
5.45	0.45	0.55	0.43	0.01	0.04	5.46	0.47	0.53	0.45	0.01	0.04
5.47	0.49	0.51	0.47	0.01	0.04	5.48	0.51	0.49	0.49	0.01	0.04
5.49	0.53	0.47	0.51	0.01	0.03	5.50	0.52	0.48	0.51	0.01	0.03
5.51	0.50	0.50	0.48	0.01	0.04	5.52	0.47	0.53	0.45	0.01	0.04
5.53	0.47	0.53	0.45	0.01	0.04	5.54	0.45	0.55	0.43	0.01	0.04
5.55	0.46	0.54	0.44	0.01	0.04	5.56	0.45	0.55	0.43	0.01	0.04
5.57	0.44	0.56	0.42	0.01	0.04	5.58	0.44	0.56	0.42	0.01	0.04
5.59	0.43	0.57	0.41	0.01	0.04	5.60	0.43	0.57	0.41	0.01	0.04
5.61	0.43	0.57	0.41	0.01	0.04	5.62	0.43	0.57	0.41	0.01	0.04
5.63	0.43	0.57	0.41	0.01	0.04	5.64	0.44	0.56	0.42	0.01	0.04
5.65	0.44	0.56	0.42	0.01	0.04	5.66	0.44	0.56	0.42	0.01	0.04
5.67	0.44	0.56	0.42	0.01	0.04	5.68	0.45	0.55	0.42	0.01	0.04
5.69	0.45	0.55	0.43	0.01	0.04	5.70	0.46	0.54	0.43	0.01	0.04
5.71	0.46	0.54	0.44	0.01	0.04	5.72	0.46	0.54	0.44	0.01	0.04
5.73	0.47	0.53	0.44	0.01	0.04	5.74	0.47	0.53	0.45	0.01	0.04
5.75	0.47	0.53	0.45	0.01	0.04	5.76	0.48	0.52	0.45	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.48	0.52	0.46	0.01	0.04	5.78	0.48	0.52	0.46	0.01	0.04
5.79	0.48	0.52	0.45	0.01	0.04	5.80	0.48	0.52	0.45	0.01	0.04
5.81	0.48	0.52	0.45	0.01	0.04	5.82	0.48	0.52	0.45	0.01	0.04
5.83	0.48	0.52	0.46	0.01	0.04	5.84	0.49	0.51	0.47	0.01	0.04
5.85	0.50	0.50	0.48	0.01	0.04	5.86	0.50	0.50	0.48	0.01	0.04
5.87	0.50	0.50	0.48	0.01	0.04	5.88	0.50	0.50	0.48	0.01	0.04
5.89	0.48	0.52	0.46	0.01	0.04	5.90	0.46	0.54	0.44	0.01	0.04
5.91	0.44	0.56	0.42	0.01	0.04	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	0.45	0.55	0.43	0.01	0.04	6.00	0.47	0.53	0.45	0.01	0.04
6.01	0.45	0.55	0.43	0.01	0.04	6.02	0.42	0.58	0.40	0.01	0.04
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	2.00	0.00	0.00	0.01	0.00
6.17	2.00	0.00	0.00	0.01	0.00	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	2.00	0.00	0.00	0.01	0.00	6.26	2.00	0.00	0.00	0.01	0.00
6.27	0.38	0.62	0.37	0.01	0.04	6.28	0.40	0.60	0.38	0.01	0.04
6.29	0.41	0.59	0.39	0.01	0.04	6.30	0.42	0.58	0.40	0.01	0.04
6.31	0.42	0.58	0.40	0.01	0.04	6.32	0.42	0.58	0.40	0.01	0.04
6.33	0.42	0.58	0.40	0.01	0.04	6.34	0.42	0.58	0.40	0.01	0.04
6.35	0.42	0.58	0.41	0.01	0.04	6.36	0.44	0.56	0.41	0.01	0.04
6.37	0.45	0.55	0.42	0.01	0.04	6.38	0.44	0.56	0.42	0.01	0.04
6.39	0.44	0.56	0.42	0.01	0.04	6.40	0.43	0.57	0.41	0.01	0.04
6.41	0.43	0.57	0.41	0.01	0.04	6.42	0.43	0.57	0.41	0.01	0.04
6.43	0.42	0.58	0.40	0.01	0.04	6.44	0.42	0.58	0.40	0.01	0.04
6.45	0.42	0.58	0.40	0.01	0.04	6.46	0.42	0.58	0.40	0.01	0.04
6.47	0.42	0.58	0.40	0.01	0.04	6.48	0.42	0.58	0.40	0.01	0.04
6.49	0.44	0.56	0.41	0.01	0.04	6.50	0.43	0.57	0.41	0.01	0.04
6.51	0.45	0.55	0.42	0.01	0.04	6.52	0.46	0.54	0.44	0.01	0.04
6.53	0.47	0.53	0.45	0.01	0.04	6.54	0.48	0.52	0.45	0.01	0.04
6.55	0.48	0.52	0.45	0.01	0.04	6.56	0.47	0.53	0.45	0.01	0.04
6.57	0.46	0.54	0.44	0.01	0.04	6.58	0.46	0.54	0.43	0.01	0.04
6.59	0.45	0.55	0.43	0.01	0.04	6.60	0.44	0.56	0.42	0.01	0.04
6.61	0.44	0.56	0.42	0.01	0.04	6.62	0.43	0.57	0.41	0.01	0.04
6.63	0.43	0.57	0.41	0.01	0.04	6.64	0.43	0.57	0.41	0.01	0.04
6.65	0.43	0.57	0.41	0.01	0.04	6.66	0.43	0.57	0.41	0.01	0.04
6.67	0.43	0.57	0.41	0.01	0.04	6.68	0.43	0.57	0.41	0.01	0.04
6.69	0.43	0.57	0.41	0.01	0.04	6.70	0.43	0.57	0.41	0.01	0.04
6.71	0.42	0.58	0.40	0.01	0.04	6.72	0.41	0.59	0.39	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	0.42	0.58	0.40	0.01	0.04	6.80	0.44	0.56	0.41	0.01	0.04
6.81	0.44	0.56	0.42	0.01	0.04	6.82	0.44	0.56	0.42	0.01	0.04
6.83	0.45	0.55	0.42	0.01	0.04	6.84	0.45	0.55	0.43	0.01	0.04
6.85	0.45	0.55	0.43	0.01	0.04	6.86	0.46	0.54	0.43	0.01	0.04
6.87	0.45	0.55	0.43	0.01	0.04	6.88	0.45	0.55	0.43	0.01	0.04
6.89	0.45	0.55	0.43	0.01	0.04	6.90	0.45	0.55	0.43	0.01	0.04
6.91	0.46	0.54	0.43	0.01	0.04	6.92	0.46	0.54	0.44	0.01	0.04
6.93	0.46	0.54	0.44	0.01	0.04	6.94	0.48	0.52	0.45	0.01	0.03
6.95	0.44	0.56	0.41	0.01	0.04	6.96	0.42	0.58	0.40	0.01	0.04
6.97	0.41	0.59	0.40	0.01	0.04	6.98	0.41	0.59	0.39	0.01	0.04
6.99	0.41	0.59	0.39	0.01	0.04	7.00	0.41	0.59	0.39	0.01	0.04
7.01	0.41	0.59	0.39	0.01	0.04	7.02	0.41	0.59	0.39	0.01	0.04
7.03	0.42	0.58	0.40	0.01	0.04	7.04	0.42	0.58	0.40	0.01	0.04
7.05	0.42	0.58	0.40	0.01	0.04	7.06	0.43	0.57	0.41	0.01	0.04
7.07	0.44	0.56	0.42	0.01	0.04	7.08	0.44	0.56	0.42	0.01	0.04
7.09	0.44	0.56	0.42	0.01	0.04	7.10	0.43	0.57	0.41	0.01	0.04
7.11	0.43	0.57	0.41	0.01	0.04	7.12	0.43	0.57	0.41	0.01	0.04
7.13	0.44	0.56	0.41	0.01	0.04	7.14	0.44	0.56	0.42	0.01	0.04
7.15	0.44	0.56	0.41	0.01	0.04	7.16	0.43	0.57	0.41	0.01	0.04
7.17	0.42	0.58	0.40	0.01	0.04	7.18	0.42	0.58	0.40	0.01	0.04
7.19	0.41	0.59	0.39	0.01	0.04	7.20	0.41	0.59	0.39	0.01	0.04
7.21	0.40	0.60	0.39	0.01	0.04	7.22	0.41	0.59	0.39	0.01	0.04
7.23	0.41	0.59	0.39	0.01	0.04	7.24	0.42	0.58	0.40	0.01	0.04
7.25	0.42	0.58	0.40	0.01	0.04	7.26	0.43	0.57	0.41	0.01	0.04
7.27	0.43	0.57	0.41	0.01	0.04	7.28	0.42	0.58	0.40	0.01	0.04
7.29	0.41	0.59	0.39	0.01	0.04	7.30	0.39	0.61	0.38	0.01	0.04
7.31	0.39	0.61	0.38	0.01	0.04	7.32	0.39	0.61	0.38	0.01	0.04
7.33	0.39	0.61	0.38	0.01	0.04	7.34	0.40	0.60	0.38	0.01	0.04
7.35	0.41	0.59	0.39	0.01	0.04	7.36	0.41	0.59	0.40	0.01	0.04
7.37	0.42	0.58	0.40	0.01	0.04	7.38	0.43	0.57	0.41	0.01	0.04
7.39	0.44	0.56	0.42	0.01	0.04	7.40	0.44	0.56	0.42	0.01	0.04
7.41	0.44	0.56	0.42	0.01	0.03	7.42	0.44	0.56	0.42	0.01	0.04
7.43	0.44	0.56	0.42	0.01	0.03	7.44	0.45	0.55	0.42	0.01	0.03
7.45	0.45	0.55	0.42	0.01	0.03	7.46	0.45	0.55	0.42	0.01	0.03
7.47	0.45	0.55	0.42	0.01	0.03	7.48	0.44	0.56	0.42	0.01	0.03
7.49	0.44	0.56	0.42	0.01	0.03	7.50	0.44	0.56	0.42	0.01	0.03
7.51	0.44	0.56	0.42	0.01	0.03	7.52	0.44	0.56	0.42	0.01	0.03
7.53	0.44	0.56	0.42	0.01	0.04	7.54	0.44	0.56	0.42	0.01	0.04
7.55	0.44	0.56	0.41	0.01	0.04	7.56	0.43	0.57	0.41	0.01	0.04
7.57	0.43	0.57	0.41	0.01	0.04	7.58	0.42	0.58	0.40	0.01	0.04
7.59	0.42	0.58	0.40	0.01	0.04	7.60	0.41	0.59	0.39	0.01	0.04
7.61	0.41	0.59	0.40	0.01	0.04	7.62	0.40	0.60	0.38	0.01	0.04
7.63	0.40	0.60	0.39	0.01	0.04	7.64	0.41	0.59	0.39	0.01	0.04
7.65	0.41	0.59	0.39	0.01	0.04	7.66	0.42	0.58	0.40	0.01	0.04
7.67	0.43	0.57	0.41	0.01	0.04	7.68	0.43	0.57	0.41	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.43	0.57	0.41	0.01	0.03	7.70	0.44	0.56	0.42	0.01	0.03
7.71	0.44	0.56	0.42	0.01	0.03	7.72	0.44	0.56	0.42	0.01	0.03
7.73	0.44	0.56	0.41	0.01	0.03	7.74	0.44	0.56	0.42	0.01	0.03
7.75	0.44	0.56	0.42	0.01	0.03	7.76	0.45	0.55	0.42	0.01	0.03
7.77	0.45	0.55	0.43	0.01	0.03	7.78	0.45	0.55	0.43	0.01	0.03
7.79	0.44	0.56	0.42	0.01	0.03	7.80	0.43	0.57	0.41	0.01	0.03
7.81	0.43	0.57	0.41	0.01	0.03	7.82	0.43	0.57	0.41	0.01	0.03
7.83	0.43	0.57	0.41	0.01	0.03	7.84	0.43	0.57	0.41	0.01	0.03
7.85	0.42	0.58	0.41	0.01	0.03	7.86	0.43	0.57	0.41	0.01	0.03
7.87	0.43	0.57	0.41	0.01	0.03	7.88	0.43	0.57	0.41	0.01	0.03
7.89	0.43	0.57	0.41	0.01	0.03	7.90	0.43	0.57	0.41	0.01	0.03
7.91	0.43	0.57	0.41	0.01	0.03	7.92	0.43	0.57	0.41	0.01	0.03
7.93	0.43	0.57	0.41	0.01	0.03	7.94	0.42	0.58	0.41	0.01	0.03
7.95	0.42	0.58	0.40	0.01	0.03	7.96	0.42	0.58	0.40	0.01	0.03
7.97	0.42	0.58	0.40	0.01	0.04	7.98	0.42	0.58	0.40	0.01	0.04
7.99	0.42	0.58	0.40	0.01	0.04	8.00	0.42	0.58	0.40	0.01	0.04
8.01	0.41	0.59	0.39	0.01	0.04	8.02	0.41	0.59	0.39	0.01	0.04
8.03	0.41	0.59	0.39	0.01	0.04	8.04	0.42	0.58	0.40	0.01	0.03
8.05	0.42	0.58	0.40	0.01	0.03	8.06	0.42	0.58	0.40	0.01	0.03
8.07	0.43	0.57	0.41	0.01	0.03	8.08	0.40	0.60	0.38	0.01	0.04
8.09	0.40	0.60	0.38	0.01	0.04	8.10	0.39	0.61	0.38	0.01	0.04
8.11	0.40	0.60	0.39	0.01	0.04	8.12	0.40	0.60	0.39	0.01	0.04
8.13	0.41	0.59	0.39	0.01	0.04	8.14	0.41	0.59	0.40	0.01	0.03
8.15	0.42	0.58	0.40	0.01	0.03	8.16	0.43	0.57	0.41	0.01	0.03
8.17	0.43	0.57	0.41	0.01	0.03	8.18	0.45	0.55	0.42	0.01	0.03
8.19	0.45	0.55	0.43	0.01	0.03	8.20	0.47	0.53	0.45	0.01	0.03
8.21	0.47	0.53	0.45	0.01	0.03	8.22	0.48	0.52	0.45	0.01	0.03
8.23	0.48	0.52	0.46	0.01	0.03	8.24	0.49	0.51	0.46	0.01	0.03
8.25	0.49	0.51	0.47	0.01	0.03	8.26	0.49	0.51	0.47	0.01	0.03
8.27	0.49	0.51	0.47	0.01	0.03	8.28	0.49	0.51	0.46	0.01	0.03
8.29	0.48	0.52	0.46	0.01	0.03	8.30	0.48	0.52	0.46	0.01	0.03
8.31	0.49	0.51	0.46	0.01	0.03	8.32	0.49	0.51	0.47	0.01	0.03
8.33	0.49	0.51	0.47	0.01	0.03	8.34	0.50	0.50	0.48	0.01	0.03
8.35	0.50	0.50	0.48	0.01	0.03	8.36	0.50	0.50	0.47	0.01	0.03
8.37	0.49	0.51	0.47	0.01	0.03	8.38	0.47	0.53	0.44	0.01	0.03
8.39	0.47	0.53	0.44	0.01	0.03	8.40	0.46	0.54	0.43	0.01	0.03
8.41	0.45	0.55	0.42	0.01	0.03	8.42	0.43	0.57	0.41	0.01	0.03
8.43	0.43	0.57	0.41	0.01	0.03	8.44	0.44	0.56	0.42	0.01	0.03
8.45	0.48	0.52	0.45	0.01	0.03	8.46	0.53	0.47	0.51	0.01	0.03
8.47	0.48	0.52	0.46	0.01	0.03	8.48	0.48	0.52	0.45	0.01	0.03
8.49	0.44	0.56	0.42	0.01	0.03	8.50	0.45	0.55	0.43	0.01	0.03
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00						

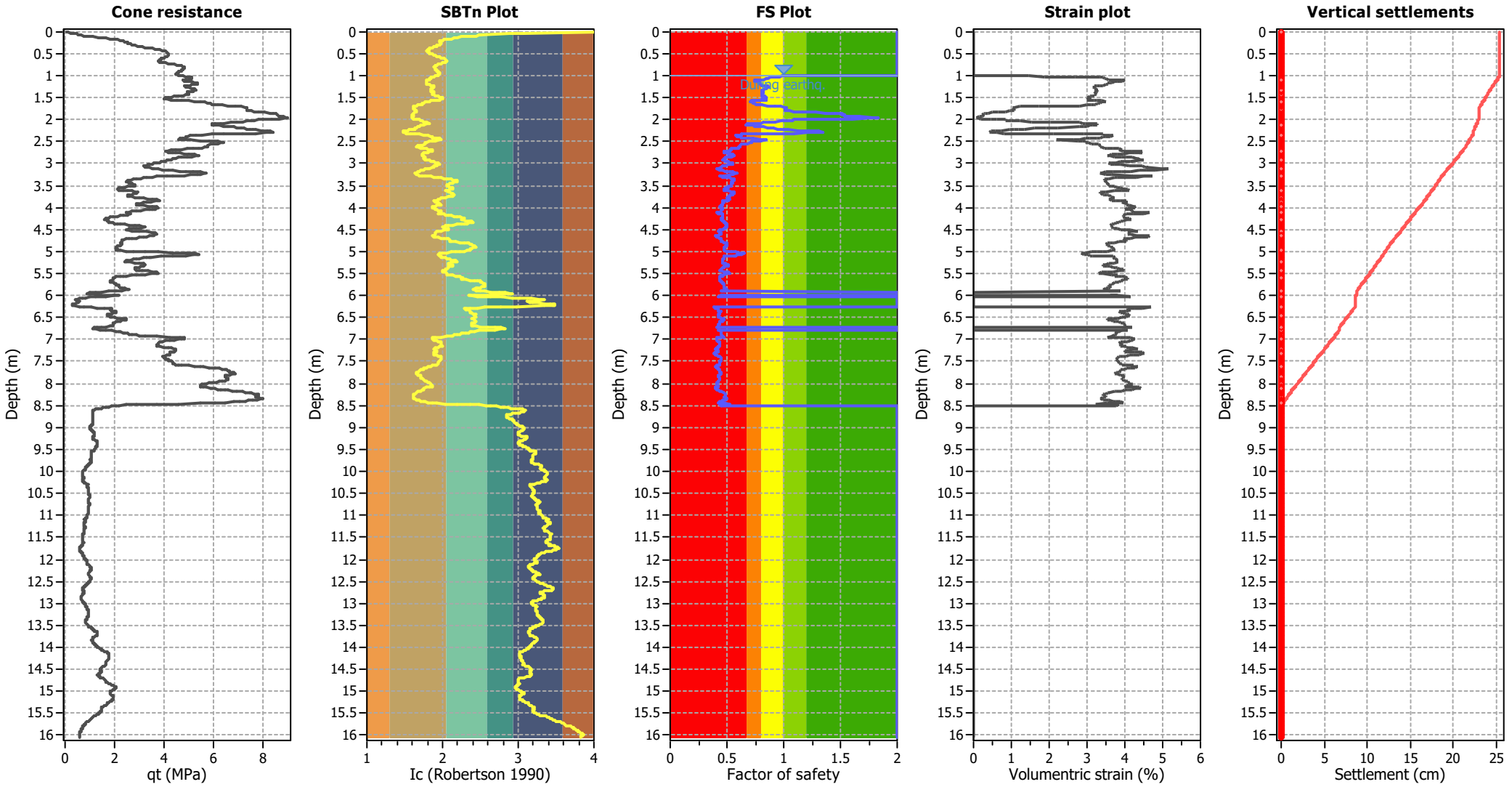
Overall liquefaction potential: 23.52

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	104.41	2.00	0.00	1.00	0.00	1.01	102.18	0.99	1.45	1.00	0.01
1.02	99.73	0.96	1.88	1.00	0.02	1.03	97.15	0.92	2.69	1.00	0.03
1.04	95.57	0.90	3.36	1.00	0.03	1.05	93.99	0.88	3.42	1.00	0.03
1.06	92.87	0.87	3.46	1.00	0.03	1.07	92.42	0.86	3.48	1.00	0.03
1.08	92.18	0.85	3.49	1.00	0.03	1.09	90.06	0.83	3.57	1.00	0.04
1.10	81.50	0.76	3.94	1.00	0.04	1.11	80.05	0.74	4.01	1.00	0.04
1.12	81.53	0.75	3.94	1.00	0.04	1.13	82.89	0.75	3.87	1.00	0.04
1.14	84.49	0.76	3.80	1.00	0.04	1.15	86.19	0.77	3.73	1.00	0.04
1.16	87.68	0.78	3.67	1.00	0.04	1.17	89.40	0.79	3.60	1.00	0.04
1.18	90.48	0.80	3.55	1.00	0.04	1.19	90.72	0.79	3.54	1.00	0.04
1.20	90.71	0.79	3.55	1.00	0.04	1.21	91.89	0.80	3.50	1.00	0.03
1.22	94.02	0.81	3.42	1.00	0.03	1.23	96.50	0.83	3.33	1.00	0.03
1.24	98.54	0.85	3.26	1.00	0.03	1.25	100.25	0.86	3.20	1.00	0.03
1.26	101.04	0.87	3.18	1.00	0.03	1.27	101.42	0.87	3.17	1.00	0.03
1.28	101.18	0.86	3.17	1.00	0.03	1.29	100.47	0.85	3.20	1.00	0.03
1.30	99.80	0.84	3.22	1.00	0.03	1.31	99.22	0.83	3.24	1.00	0.03
1.32	98.70	0.82	3.26	1.00	0.03	1.33	98.24	0.82	3.27	1.00	0.03
1.34	97.85	0.81	3.28	1.00	0.03	1.35	97.95	0.81	3.28	1.00	0.03
1.36	98.79	0.81	3.25	1.00	0.03	1.37	99.57	0.82	3.23	1.00	0.03
1.38	100.14	0.82	3.21	1.00	0.03	1.39	99.92	0.81	3.22	1.00	0.03
1.40	99.61	0.81	3.23	1.00	0.03	1.41	99.48	0.80	3.23	1.00	0.03
1.42	99.38	0.80	3.23	1.00	0.03	1.43	99.67	0.80	3.22	1.00	0.03
1.44	100.16	0.80	3.21	1.00	0.03	1.45	101.12	0.81	3.18	1.00	0.03
1.46	102.30	0.82	3.14	1.00	0.03	1.47	103.59	0.83	3.10	1.00	0.03
1.48	104.42	0.84	3.07	1.00	0.03	1.49	105.41	0.84	3.04	1.00	0.03
1.50	106.01	0.85	3.03	1.00	0.03	1.51	106.27	0.85	3.02	1.00	0.03
1.52	106.15	0.84	3.02	1.00	0.03	1.53	105.65	0.84	3.04	1.00	0.03
1.54	103.63	0.81	3.10	1.00	0.03	1.55	106.98	0.85	3.00	1.00	0.03
1.56	100.22	0.78	3.21	1.00	0.03	1.57	98.85	0.76	3.25	1.00	0.03
1.58	94.54	0.72	3.40	1.00	0.03	1.59	92.10	0.70	3.49	1.00	0.03
1.60	92.79	0.71	3.47	1.00	0.03	1.61	95.07	0.72	3.38	1.00	0.03
1.62	96.51	0.73	3.33	1.00	0.03	1.63	97.61	0.74	3.29	1.00	0.03
1.64	98.47	0.74	3.26	1.00	0.03	1.65	99.71	0.75	3.22	1.00	0.03
1.66	101.12	0.76	3.18	1.00	0.03	1.67	103.30	0.78	3.11	1.00	0.03
1.68	106.27	0.81	3.02	1.00	0.03	1.69	110.40	0.85	2.82	1.00	0.03
1.70	115.40	0.92	1.72	1.00	0.02	1.71	119.84	0.98	1.25	1.00	0.01
1.72	122.26	1.02	1.07	1.00	0.01	1.73	122.81	1.03	1.04	1.00	0.01
1.74	122.81	1.02	1.05	1.00	0.01	1.75	122.58	1.02	1.07	1.00	0.01
1.76	122.41	1.01	1.09	1.00	0.01	1.77	122.58	1.01	1.09	1.00	0.01
1.78	123.11	1.02	1.06	1.00	0.01	1.79	124.05	1.03	1.01	1.00	0.01
1.80	124.44	1.04	0.99	1.00	0.01	1.81	125.06	1.05	0.96	1.00	0.01
1.82	127.09	1.08	0.85	1.00	0.01	1.83	131.15	1.17	0.66	1.00	0.01
1.84	135.60	1.28	0.49	1.00	0.00	1.85	138.72	1.37	0.39	1.00	0.00
1.86	141.30	1.45	0.32	1.00	0.00	1.87	143.25	1.51	0.26	1.00	0.00
1.88	144.02	1.54	0.24	1.00	0.00	1.89	143.40	1.51	0.26	1.00	0.00
1.90	143.48	1.51	0.26	1.00	0.00	1.91	143.87	1.52	0.26	1.00	0.00
1.92	144.42	1.54	0.24	1.00	0.00	1.93	145.13	1.57	0.22	1.00	0.00
1.94	147.61	1.67	0.16	1.00	0.00	1.95	150.43	1.80	0.09	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	151.20	1.83	0.07	1.00	0.00	1.97	149.72	1.75	0.11	1.00	0.00
1.98	146.28	1.60	0.20	1.00	0.00	1.99	138.10	1.31	0.45	1.00	0.00
2.00	134.20	1.20	0.60	1.00	0.01	2.01	128.97	1.08	0.84	1.00	0.01
2.02	128.97	1.08	0.85	1.00	0.01	2.03	126.24	1.03	1.01	1.00	0.01
2.04	123.20	0.97	1.24	1.00	0.01	2.05	120.38	0.93	1.53	1.00	0.02
2.06	116.96	0.87	2.05	1.00	0.02	2.07	113.19	0.83	2.83	1.00	0.03
2.08	111.10	0.80	2.88	1.00	0.03	2.09	110.93	0.80	2.89	1.00	0.03
2.10	107.98	0.76	2.97	1.00	0.03	2.11	98.78	0.68	3.25	1.00	0.03
2.12	97.77	0.67	3.29	1.00	0.03	2.13	101.51	0.70	3.16	1.00	0.03
2.14	104.71	0.73	3.06	1.00	0.03	2.15	107.04	0.75	3.00	1.00	0.03
2.16	110.01	0.78	2.91	1.00	0.03	2.17	114.14	0.82	2.80	1.00	0.03
2.18	116.96	0.86	2.23	1.00	0.02	2.19	118.58	0.88	1.93	1.00	0.02
2.20	120.70	0.91	1.63	1.00	0.02	2.21	123.20	0.95	1.36	1.00	0.01
2.22	125.30	0.98	1.18	1.00	0.01	2.23	126.71	1.00	1.08	1.00	0.01
2.24	128.89	1.04	0.94	1.00	0.01	2.25	132.71	1.12	0.74	1.00	0.01
2.26	136.69	1.22	0.57	1.00	0.01	2.27	139.81	1.31	0.46	1.00	0.00
2.28	141.13	1.34	0.41	1.00	0.00	2.29	140.21	1.31	0.45	1.00	0.00
2.30	136.22	1.20	0.60	1.00	0.01	2.31	131.70	1.09	0.81	1.00	0.01
2.32	118.43	0.86	2.12	1.00	0.02	2.33	109.78	0.76	2.92	1.00	0.03
2.34	94.26	0.62	3.41	1.00	0.03	2.35	94.26	0.62	3.41	1.00	0.03
2.36	88.60	0.59	3.63	1.00	0.04	2.37	86.77	0.57	3.70	1.00	0.04
2.38	89.04	0.59	3.61	1.00	0.04	2.39	91.87	0.60	3.50	1.00	0.04
2.40	93.87	0.62	3.43	1.00	0.03	2.41	95.64	0.63	3.36	1.00	0.03
2.42	98.37	0.65	3.27	1.00	0.03	2.43	103.85	0.69	3.09	1.00	0.03
2.44	108.86	0.74	2.94	1.00	0.03	2.45	113.92	0.79	2.81	1.00	0.03
2.46	116.97	0.83	2.67	1.00	0.03	2.47	118.99	0.85	2.18	1.00	0.02
2.48	115.04	0.80	2.78	1.00	0.03	2.49	110.90	0.75	2.89	1.00	0.03
2.50	107.93	0.72	2.97	1.00	0.03	2.51	108.09	0.72	2.97	1.00	0.03
2.52	108.03	0.72	2.97	1.00	0.03	2.53	107.11	0.71	2.99	1.00	0.03
2.54	106.01	0.70	3.03	1.00	0.03	2.55	103.34	0.68	3.11	1.00	0.03
2.56	100.14	0.65	3.21	1.00	0.03	2.57	97.54	0.63	3.30	1.00	0.03
2.58	96.27	0.62	3.34	1.00	0.03	2.59	95.88	0.62	3.35	1.00	0.03
2.60	96.12	0.62	3.34	1.00	0.03	2.61	96.27	0.62	3.34	1.00	0.03
2.62	96.12	0.62	3.34	1.00	0.03	2.63	94.64	0.61	3.40	1.00	0.03
2.64	93.32	0.60	3.45	1.00	0.03	2.65	90.97	0.58	3.53	1.00	0.04
2.66	87.38	0.56	3.68	1.00	0.04	2.67	83.17	0.54	3.86	1.00	0.04
2.68	81.63	0.53	3.93	1.00	0.04	2.69	82.86	0.53	3.88	1.00	0.04
2.70	83.28	0.53	3.86	1.00	0.04	2.71	80.81	0.52	3.97	1.00	0.04
2.72	76.67	0.50	4.18	1.00	0.04	2.73	71.43	0.48	4.46	1.00	0.04
2.74	72.97	0.48	4.38	1.00	0.04	2.75	71.70	0.48	4.45	1.00	0.04
2.76	74.55	0.49	4.29	1.00	0.04	2.77	77.48	0.50	4.13	1.00	0.04
2.78	80.67	0.52	3.98	1.00	0.04	2.79	84.02	0.53	3.82	1.00	0.04
2.80	87.78	0.55	3.66	1.00	0.04	2.81	90.26	0.57	3.56	1.00	0.04
2.82	90.82	0.57	3.54	1.00	0.04	2.83	89.41	0.56	3.60	1.00	0.04
2.84	86.22	0.54	3.73	1.00	0.04	2.85	82.01	0.52	3.91	1.00	0.04
2.86	79.09	0.51	4.05	1.00	0.04	2.87	76.43	0.49	4.19	1.00	0.04
2.88	74.44	0.48	4.29	1.00	0.04	2.89	73.58	0.48	4.34	1.00	0.04
2.90	73.28	0.48	4.36	1.00	0.04	2.91	72.34	0.47	4.41	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	71.14	0.47	4.48	1.00	0.04	2.93	72.43	0.47	4.41	1.00	0.04
2.94	76.80	0.49	4.17	1.00	0.04	2.95	80.32	0.51	3.99	1.00	0.04
2.96	82.59	0.52	3.89	1.00	0.04	2.97	84.82	0.53	3.79	1.00	0.04
2.98	87.90	0.54	3.66	1.00	0.04	2.99	90.09	0.56	3.57	1.00	0.04
3.00	90.27	0.56	3.56	1.00	0.04	3.01	88.86	0.55	3.62	1.00	0.04
3.02	86.26	0.53	3.73	1.00	0.04	3.03	82.55	0.51	3.89	1.00	0.04
3.04	78.18	0.49	4.10	1.00	0.04	3.05	74.10	0.47	4.31	1.00	0.04
3.06	71.22	0.46	4.48	1.00	0.04	3.07	69.99	0.45	4.55	1.00	0.05
3.08	69.68	0.45	4.57	1.00	0.05	3.09	69.09	0.45	4.60	1.00	0.05
3.10	69.55	0.45	4.58	1.00	0.05	3.11	63.89	0.43	4.95	1.00	0.05
3.12	63.15	0.42	5.00	1.00	0.05	3.13	61.17	0.42	5.14	1.00	0.05
3.14	66.01	0.44	4.80	1.00	0.05	3.15	69.51	0.45	4.58	1.00	0.05
3.16	73.10	0.46	4.37	1.00	0.04	3.17	77.08	0.48	4.15	1.00	0.04
3.18	81.93	0.50	3.92	1.00	0.04	3.19	87.08	0.53	3.69	1.00	0.04
3.20	91.67	0.56	3.51	1.00	0.04	3.21	95.03	0.58	3.38	1.00	0.03
3.22	96.35	0.58	3.34	1.00	0.03	3.23	96.05	0.58	3.35	1.00	0.03
3.24	91.91	0.56	3.50	1.00	0.03	3.25	88.17	0.53	3.65	1.00	0.04
3.26	88.17	0.53	3.65	1.00	0.04	3.27	76.39	0.47	4.19	1.00	0.04
3.28	76.39	0.47	4.19	1.00	0.04	3.29	66.89	0.43	4.74	1.00	0.05
3.30	70.74	0.45	4.50	1.00	0.05	3.31	74.25	0.46	4.30	1.00	0.04
3.32	84.65	0.51	3.80	1.00	0.04	3.33	86.59	0.52	3.71	1.00	0.04
3.34	90.13	0.54	3.57	1.00	0.04	3.35	91.81	0.55	3.50	1.00	0.04
3.36	93.13	0.56	3.45	1.00	0.03	3.37	93.18	0.56	3.45	1.00	0.03
3.38	93.14	0.56	3.45	1.00	0.03	3.39	92.56	0.55	3.47	1.00	0.03
3.40	91.97	0.55	3.50	1.00	0.03	3.41	91.45	0.55	3.52	1.00	0.04
3.42	91.42	0.55	3.52	1.00	0.04	3.43	91.27	0.54	3.52	1.00	0.04
3.44	91.55	0.55	3.51	1.00	0.04	3.45	91.31	0.54	3.52	1.00	0.04
3.46	90.77	0.54	3.54	1.00	0.04	3.47	89.99	0.54	3.57	1.00	0.04
3.48	89.94	0.53	3.58	1.00	0.04	3.49	90.12	0.54	3.57	1.00	0.04
3.50	89.86	0.53	3.58	1.00	0.04	3.51	88.96	0.53	3.61	1.00	0.04
3.52	87.69	0.52	3.67	1.00	0.04	3.53	86.15	0.51	3.73	1.00	0.04
3.54	85.11	0.51	3.78	1.00	0.04	3.55	83.94	0.50	3.83	1.00	0.04
3.56	82.48	0.49	3.89	1.00	0.04	3.57	80.76	0.48	3.97	1.00	0.04
3.58	79.39	0.48	4.04	1.00	0.04	3.59	78.67	0.47	4.07	1.00	0.04
3.60	77.92	0.47	4.11	1.00	0.04	3.61	78.56	0.47	4.08	1.00	0.04
3.62	81.61	0.49	3.93	1.00	0.04	3.63	86.55	0.51	3.71	1.00	0.04
3.64	92.04	0.54	3.49	1.00	0.03	3.65	94.74	0.56	3.39	1.00	0.03
3.66	95.64	0.56	3.36	1.00	0.03	3.67	95.65	0.56	3.36	1.00	0.03
3.68	95.24	0.56	3.38	1.00	0.03	3.69	94.76	0.56	3.39	1.00	0.03
3.70	93.96	0.55	3.42	1.00	0.03	3.71	92.92	0.54	3.46	1.00	0.03
3.72	91.28	0.53	3.52	1.00	0.04	3.73	89.87	0.53	3.58	1.00	0.04
3.74	88.97	0.52	3.61	1.00	0.04	3.75	88.57	0.52	3.63	1.00	0.04
3.76	88.09	0.51	3.65	1.00	0.04	3.77	86.93	0.51	3.70	1.00	0.04
3.78	85.71	0.50	3.75	1.00	0.04	3.79	86.65	0.51	3.71	1.00	0.04
3.80	88.47	0.52	3.63	1.00	0.04	3.81	89.53	0.52	3.59	1.00	0.04
3.82	88.98	0.52	3.61	1.00	0.04	3.83	87.64	0.51	3.67	1.00	0.04
3.84	85.09	0.50	3.78	1.00	0.04	3.85	82.59	0.48	3.89	1.00	0.04
3.86	79.22	0.47	4.05	1.00	0.04	3.87	80.90	0.47	3.97	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	78.41	0.46	4.09	1.00	0.04	3.89	81.83	0.48	3.92	1.00	0.04
3.90	79.69	0.47	4.02	1.00	0.04	3.91	79.08	0.46	4.05	1.00	0.04
3.92	78.66	0.46	4.07	1.00	0.04	3.93	79.23	0.46	4.05	1.00	0.04
3.94	79.44	0.46	4.04	1.00	0.04	3.95	78.88	0.46	4.06	1.00	0.04
3.96	77.49	0.45	4.13	1.00	0.04	3.97	75.69	0.45	4.23	1.00	0.04
3.98	75.09	0.44	4.26	1.00	0.04	3.99	74.59	0.44	4.29	1.00	0.04
4.00	75.19	0.44	4.25	1.00	0.04	4.01	76.63	0.45	4.18	1.00	0.04
4.02	78.69	0.46	4.07	1.00	0.04	4.03	79.82	0.46	4.02	1.00	0.04
4.04	79.36	0.46	4.04	1.00	0.04	4.05	77.74	0.45	4.12	1.00	0.04
4.06	77.43	0.45	4.14	1.00	0.04	4.07	76.72	0.45	4.17	1.00	0.04
4.08	76.65	0.45	4.18	1.00	0.04	4.09	76.56	0.45	4.18	1.00	0.04
4.10	75.59	0.44	4.23	1.00	0.04	4.11	71.31	0.42	4.47	1.00	0.04
4.12	68.33	0.41	4.65	1.00	0.05	4.13	70.49	0.42	4.52	1.00	0.05
4.14	71.70	0.43	4.45	1.00	0.04	4.15	75.56	0.44	4.23	1.00	0.04
4.16	79.11	0.46	4.05	1.00	0.04	4.17	80.81	0.46	3.97	1.00	0.04
4.18	81.18	0.47	3.95	1.00	0.04	4.19	80.96	0.46	3.96	1.00	0.04
4.20	81.03	0.46	3.96	1.00	0.04	4.21	80.83	0.46	3.97	1.00	0.04
4.22	80.79	0.46	3.97	1.00	0.04	4.23	80.00	0.46	4.01	1.00	0.04
4.24	78.94	0.45	4.06	1.00	0.04	4.25	77.95	0.45	4.11	1.00	0.04
4.26	77.10	0.44	4.15	1.00	0.04	4.27	77.12	0.44	4.15	1.00	0.04
4.28	78.00	0.45	4.11	1.00	0.04	4.29	79.23	0.45	4.05	1.00	0.04
4.30	81.05	0.46	3.96	1.00	0.04	4.31	82.03	0.47	3.91	1.00	0.04
4.32	82.88	0.47	3.87	1.00	0.04	4.33	83.87	0.47	3.83	1.00	0.04
4.34	84.91	0.48	3.78	1.00	0.04	4.35	85.60	0.48	3.75	1.00	0.04
4.36	86.32	0.49	3.72	1.00	0.04	4.37	86.97	0.49	3.70	1.00	0.04
4.38	87.70	0.49	3.67	1.00	0.04	4.39	88.37	0.50	3.64	1.00	0.04
4.40	88.68	0.50	3.63	1.00	0.04	4.41	88.24	0.49	3.64	1.00	0.04
4.42	88.15	0.49	3.65	1.00	0.04	4.43	88.11	0.49	3.65	1.00	0.04
4.44	88.44	0.50	3.64	1.00	0.04	4.45	88.06	0.49	3.65	1.00	0.04
4.46	86.82	0.49	3.70	1.00	0.04	4.47	86.25	0.48	3.73	1.00	0.04
4.48	85.88	0.48	3.74	1.00	0.04	4.49	84.72	0.47	3.79	1.00	0.04
4.50	82.29	0.46	3.90	1.00	0.04	4.51	79.48	0.45	4.03	1.00	0.04
4.52	77.09	0.44	4.15	1.00	0.04	4.53	75.11	0.43	4.26	1.00	0.04
4.54	73.52	0.42	4.34	1.00	0.04	4.55	77.92	0.44	4.11	1.00	0.04
4.56	77.60	0.44	4.13	1.00	0.04	4.57	78.38	0.44	4.09	1.00	0.04
4.58	77.18	0.44	4.15	1.00	0.04	4.59	77.75	0.44	4.12	1.00	0.04
4.60	78.21	0.44	4.10	1.00	0.04	4.61	78.80	0.44	4.07	1.00	0.04
4.62	77.42	0.44	4.14	1.00	0.04	4.63	74.19	0.42	4.31	1.00	0.04
4.64	70.25	0.41	4.53	1.00	0.05	4.65	68.39	0.40	4.65	1.00	0.05
4.66	69.18	0.40	4.60	1.00	0.05	4.67	71.64	0.41	4.45	1.00	0.04
4.68	74.72	0.43	4.28	1.00	0.04	4.69	77.01	0.43	4.16	1.00	0.04
4.70	79.41	0.45	4.04	1.00	0.04	4.71	80.55	0.45	3.98	1.00	0.04
4.72	80.94	0.45	3.96	1.00	0.04	4.73	80.50	0.45	3.98	1.00	0.04
4.74	80.02	0.45	4.01	1.00	0.04	4.75	79.13	0.44	4.05	1.00	0.04
4.76	79.45	0.44	4.04	1.00	0.04	4.77	81.29	0.45	3.95	1.00	0.04
4.78	83.72	0.46	3.84	1.00	0.04	4.79	85.78	0.47	3.75	1.00	0.04
4.80	87.17	0.48	3.69	1.00	0.04	4.81	88.74	0.49	3.62	1.00	0.04
4.82	90.77	0.50	3.54	1.00	0.04	4.83	91.85	0.50	3.50	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	91.97	0.51	3.50	1.00	0.03	4.85	91.13	0.50	3.53	1.00	0.04
4.86	90.51	0.50	3.55	1.00	0.04	4.87	89.86	0.49	3.58	1.00	0.04
4.88	89.19	0.49	3.61	1.00	0.04	4.89	88.61	0.49	3.63	1.00	0.04
4.90	88.38	0.48	3.64	1.00	0.04	4.91	87.81	0.48	3.66	1.00	0.04
4.92	87.42	0.48	3.68	1.00	0.04	4.93	87.33	0.48	3.68	1.00	0.04
4.94	87.20	0.48	3.69	1.00	0.04	4.95	86.98	0.48	3.70	1.00	0.04
4.96	86.54	0.47	3.71	1.00	0.04	4.97	86.40	0.47	3.72	1.00	0.04
4.98	87.76	0.48	3.66	1.00	0.04	4.99	90.69	0.50	3.55	1.00	0.04
5.00	94.38	0.52	3.41	1.00	0.03	5.01	98.59	0.54	3.26	1.00	0.03
5.02	103.26	0.58	3.11	1.00	0.03	5.03	108.03	0.61	2.97	1.00	0.03
5.04	111.06	0.64	2.88	1.00	0.03	5.05	111.80	0.65	2.86	1.00	0.03
5.06	109.67	0.63	2.92	1.00	0.03	5.07	106.77	0.60	3.00	1.00	0.03
5.08	105.56	0.59	3.04	1.00	0.03	5.09	104.15	0.58	3.08	1.00	0.03
5.10	102.23	0.57	3.14	1.00	0.03	5.11	86.82	0.47	3.70	1.00	0.04
5.12	86.00	0.47	3.74	1.00	0.04	5.13	86.19	0.47	3.73	1.00	0.04
5.14	86.17	0.47	3.73	1.00	0.04	5.15	86.78	0.47	3.70	1.00	0.04
5.16	86.15	0.47	3.73	1.00	0.04	5.17	85.39	0.47	3.76	1.00	0.04
5.18	84.81	0.46	3.79	1.00	0.04	5.19	84.75	0.46	3.79	1.00	0.04
5.20	84.95	0.46	3.78	1.00	0.04	5.21	85.11	0.46	3.78	1.00	0.04
5.22	84.80	0.46	3.79	1.00	0.04	5.23	84.43	0.46	3.80	1.00	0.04
5.24	84.17	0.46	3.82	1.00	0.04	5.25	84.48	0.46	3.80	1.00	0.04
5.26	85.77	0.47	3.75	1.00	0.04	5.27	87.49	0.47	3.67	1.00	0.04
5.28	89.98	0.49	3.57	1.00	0.04	5.29	92.05	0.50	3.49	1.00	0.03
5.30	93.90	0.51	3.42	1.00	0.03	5.31	94.35	0.51	3.41	1.00	0.03
5.32	94.06	0.51	3.42	1.00	0.03	5.33	93.11	0.50	3.45	1.00	0.03
5.34	90.49	0.49	3.55	1.00	0.04	5.35	88.57	0.48	3.63	1.00	0.04
5.36	86.93	0.47	3.70	1.00	0.04	5.37	85.49	0.46	3.76	1.00	0.04
5.38	84.51	0.46	3.80	1.00	0.04	5.39	83.08	0.45	3.86	1.00	0.04
5.40	81.99	0.45	3.91	1.00	0.04	5.41	81.32	0.44	3.95	1.00	0.04
5.42	81.16	0.44	3.95	1.00	0.04	5.43	80.98	0.44	3.96	1.00	0.04
5.44	82.01	0.45	3.91	1.00	0.04	5.45	83.91	0.45	3.83	1.00	0.04
5.46	87.40	0.47	3.68	1.00	0.04	5.47	91.19	0.49	3.53	1.00	0.04
5.48	94.74	0.51	3.39	1.00	0.03	5.49	97.06	0.53	3.31	1.00	0.03
5.50	96.45	0.52	3.33	1.00	0.03	5.51	93.63	0.50	3.43	1.00	0.03
5.52	87.75	0.47	3.66	1.00	0.04	5.53	87.66	0.47	3.67	1.00	0.04
5.54	84.05	0.45	3.82	1.00	0.04	5.55	85.88	0.46	3.74	1.00	0.04
5.56	83.50	0.45	3.85	1.00	0.04	5.57	81.75	0.44	3.93	1.00	0.04
5.58	80.51	0.44	3.98	1.00	0.04	5.59	79.74	0.43	4.02	1.00	0.04
5.60	79.13	0.43	4.05	1.00	0.04	5.61	78.75	0.43	4.07	1.00	0.04
5.62	78.90	0.43	4.06	1.00	0.04	5.63	79.62	0.43	4.03	1.00	0.04
5.64	80.76	0.44	3.97	1.00	0.04	5.65	81.52	0.44	3.94	1.00	0.04
5.66	81.65	0.44	3.93	1.00	0.04	5.67	81.88	0.44	3.92	1.00	0.04
5.68	82.56	0.45	3.89	1.00	0.04	5.69	83.53	0.45	3.84	1.00	0.04
5.70	84.89	0.46	3.78	1.00	0.04	5.71	85.97	0.46	3.74	1.00	0.04
5.72	86.66	0.46	3.71	1.00	0.04	5.73	87.11	0.47	3.69	1.00	0.04
5.74	87.59	0.47	3.67	1.00	0.04	5.75	88.30	0.47	3.64	1.00	0.04
5.76	89.11	0.48	3.61	1.00	0.04	5.77	89.64	0.48	3.59	1.00	0.04
5.78	89.77	0.48	3.58	1.00	0.04	5.79	89.41	0.48	3.60	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	89.17	0.48	3.61	1.00	0.04	5.81	88.85	0.48	3.62	1.00	0.04
5.82	89.16	0.48	3.61	1.00	0.04	5.83	90.01	0.48	3.57	1.00	0.04
5.84	91.45	0.49	3.52	1.00	0.04	5.85	93.10	0.50	3.45	1.00	0.03
5.86	94.16	0.50	3.42	1.00	0.03	5.87	93.74	0.50	3.43	1.00	0.03
5.88	92.96	0.50	3.46	1.00	0.03	5.89	90.27	0.48	3.56	1.00	0.04
5.90	86.50	0.46	3.72	1.00	0.04	5.91	82.23	0.44	3.90	1.00	0.04
5.92	20.92	2.00	0.00	1.00	0.00	5.93	17.32	2.00	0.00	1.00	0.00
5.94	14.64	2.00	0.00	1.00	0.00	5.95	12.95	2.00	0.00	1.00	0.00
5.96	12.01	2.00	0.00	1.00	0.00	5.97	14.49	2.00	0.00	1.00	0.00
5.98	20.99	2.00	0.00	1.00	0.00	5.99	84.64	0.45	3.80	1.00	0.04
6.00	88.66	0.47	3.63	1.00	0.04	6.01	84.72	0.45	3.79	1.00	0.04
6.02	77.03	0.42	4.16	1.00	0.04	6.03	18.24	2.00	0.00	1.00	0.00
6.04	12.55	2.00	0.00	1.00	0.00	6.05	12.52	2.00	0.00	1.00	0.00
6.06	10.56	2.00	0.00	1.00	0.00	6.07	8.39	2.00	0.00	1.00	0.00
6.08	6.47	2.00	0.00	1.00	0.00	6.09	6.47	2.00	0.00	1.00	0.00
6.10	6.33	2.00	0.00	1.00	0.00	6.11	6.33	2.00	0.00	1.00	0.00
6.12	7.25	2.00	0.00	1.00	0.00	6.13	7.96	2.00	0.00	1.00	0.00
6.14	8.10	2.00	0.00	1.00	0.00	6.15	8.09	2.00	0.00	1.00	0.00
6.16	7.23	2.00	0.00	1.00	0.00	6.17	6.57	2.00	0.00	1.00	0.00
6.18	5.90	2.00	0.00	1.00	0.00	6.19	5.30	2.00	0.00	1.00	0.00
6.20	4.90	2.00	0.00	1.00	0.00	6.21	4.57	2.00	0.00	1.00	0.00
6.22	4.44	2.00	0.00	1.00	0.00	6.23	4.43	2.00	0.00	1.00	0.00
6.24	4.50	2.00	0.00	1.00	0.00	6.25	6.07	2.00	0.00	1.00	0.00
6.26	13.22	2.00	0.00	1.00	0.00	6.27	67.45	0.38	4.71	1.00	0.05
6.28	71.77	0.40	4.44	1.00	0.04	6.29	74.84	0.41	4.27	1.00	0.04
6.30	77.08	0.42	4.15	1.00	0.04	6.31	78.44	0.42	4.09	1.00	0.04
6.32	78.74	0.42	4.07	1.00	0.04	6.33	77.89	0.42	4.11	1.00	0.04
6.34	77.43	0.42	4.14	1.00	0.04	6.35	79.01	0.42	4.06	1.00	0.04
6.36	81.62	0.44	3.93	1.00	0.04	6.37	83.71	0.45	3.84	1.00	0.04
6.38	82.27	0.44	3.90	1.00	0.04	6.39	82.37	0.44	3.90	1.00	0.04
6.40	81.13	0.43	3.95	1.00	0.04	6.41	80.23	0.43	4.00	1.00	0.04
6.42	79.55	0.43	4.03	1.00	0.04	6.43	78.69	0.42	4.07	1.00	0.04
6.44	78.07	0.42	4.10	1.00	0.04	6.45	77.73	0.42	4.12	1.00	0.04
6.46	77.88	0.42	4.11	1.00	0.04	6.47	78.95	0.42	4.06	1.00	0.04
6.48	79.17	0.42	4.05	1.00	0.04	6.49	81.86	0.44	3.92	1.00	0.04
6.50	81.55	0.43	3.94	1.00	0.04	6.51	83.95	0.45	3.83	1.00	0.04
6.52	87.06	0.46	3.69	1.00	0.04	6.53	89.61	0.47	3.59	1.00	0.04
6.54	90.72	0.48	3.54	1.00	0.04	6.55	90.48	0.48	3.55	1.00	0.04
6.56	89.22	0.47	3.60	1.00	0.04	6.57	87.83	0.46	3.66	1.00	0.04
6.58	86.74	0.46	3.71	1.00	0.04	6.59	85.35	0.45	3.76	1.00	0.04
6.60	83.11	0.44	3.86	1.00	0.04	6.61	82.32	0.44	3.90	1.00	0.04
6.62	81.35	0.43	3.94	1.00	0.04	6.63	80.96	0.43	3.96	1.00	0.04
6.64	80.72	0.43	3.97	1.00	0.04	6.65	80.64	0.43	3.98	1.00	0.04
6.66	80.49	0.43	3.99	1.00	0.04	6.67	80.40	0.43	3.99	1.00	0.04
6.68	80.11	0.43	4.00	1.00	0.04	6.69	80.01	0.43	4.01	1.00	0.04
6.70	79.65	0.43	4.03	1.00	0.04	6.71	79.32	0.42	4.04	1.00	0.04
6.72	76.37	0.41	4.19	1.00	0.04	6.73	18.08	2.00	0.00	1.00	0.00
6.74	15.30	2.00	0.00	1.00	0.00	6.75	15.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	15.58	2.00	0.00	1.00	0.00	6.77	16.62	2.00	0.00	1.00	0.00
6.78	19.23	2.00	0.00	1.00	0.00	6.79	78.91	0.42	4.06	1.00	0.04
6.80	82.06	0.44	3.91	1.00	0.04	6.81	83.61	0.44	3.84	1.00	0.04
6.82	83.83	0.44	3.83	1.00	0.04	6.83	84.63	0.45	3.80	1.00	0.04
6.84	85.67	0.45	3.75	1.00	0.04	6.85	85.57	0.45	3.76	1.00	0.04
6.86	86.42	0.46	3.72	1.00	0.04	6.87	85.42	0.45	3.76	1.00	0.04
6.88	85.31	0.45	3.77	1.00	0.04	6.89	85.54	0.45	3.76	1.00	0.04
6.90	85.88	0.45	3.74	1.00	0.04	6.91	86.65	0.46	3.71	1.00	0.04
6.92	88.35	0.46	3.64	1.00	0.04	6.93	87.31	0.46	3.68	1.00	0.04
6.94	90.79	0.48	3.54	1.00	0.04	6.95	82.25	0.44	3.90	1.00	0.04
6.96	79.01	0.42	4.06	1.00	0.04	6.97	76.96	0.41	4.16	1.00	0.04
6.98	75.28	0.41	4.25	1.00	0.04	6.99	74.77	0.41	4.28	1.00	0.04
7.00	75.33	0.41	4.25	1.00	0.04	7.01	76.27	0.41	4.20	1.00	0.04
7.02	76.55	0.41	4.18	1.00	0.04	7.03	77.39	0.42	4.14	1.00	0.04
7.04	78.34	0.42	4.09	1.00	0.04	7.05	79.64	0.42	4.03	1.00	0.04
7.06	81.28	0.43	3.95	1.00	0.04	7.07	82.86	0.44	3.87	1.00	0.04
7.08	83.82	0.44	3.83	1.00	0.04	7.09	83.16	0.44	3.86	1.00	0.04
7.10	82.18	0.43	3.91	1.00	0.04	7.11	81.43	0.43	3.94	1.00	0.04
7.12	82.09	0.43	3.91	1.00	0.04	7.13	82.27	0.44	3.90	1.00	0.04
7.14	82.66	0.44	3.88	1.00	0.04	7.15	82.31	0.44	3.90	1.00	0.04
7.16	81.43	0.43	3.94	1.00	0.04	7.17	79.33	0.42	4.04	1.00	0.04
7.18	79.46	0.42	4.04	1.00	0.04	7.19	76.25	0.41	4.20	1.00	0.04
7.20	76.09	0.41	4.21	1.00	0.04	7.21	73.77	0.40	4.33	1.00	0.04
7.22	75.04	0.41	4.26	1.00	0.04	7.23	76.08	0.41	4.21	1.00	0.04
7.24	78.01	0.42	4.11	1.00	0.04	7.25	79.69	0.42	4.02	1.00	0.04
7.26	80.37	0.43	3.99	1.00	0.04	7.27	80.35	0.43	3.99	1.00	0.04
7.28	78.71	0.42	4.07	1.00	0.04	7.29	75.16	0.41	4.26	1.00	0.04
7.30	71.75	0.39	4.45	1.00	0.04	7.31	70.94	0.39	4.49	1.00	0.04
7.32	70.62	0.39	4.51	1.00	0.05	7.33	71.60	0.39	4.45	1.00	0.04
7.34	73.00	0.40	4.37	1.00	0.04	7.35	75.37	0.41	4.24	1.00	0.04
7.36	77.53	0.41	4.13	1.00	0.04	7.37	79.54	0.42	4.03	1.00	0.04
7.38	81.30	0.43	3.95	1.00	0.04	7.39	82.80	0.44	3.88	1.00	0.04
7.40	83.78	0.44	3.83	1.00	0.04	7.41	84.58	0.44	3.80	1.00	0.04
7.42	84.30	0.44	3.81	1.00	0.04	7.43	84.55	0.44	3.80	1.00	0.04
7.44	84.96	0.45	3.78	1.00	0.04	7.45	84.90	0.45	3.78	1.00	0.04
7.46	84.93	0.45	3.78	1.00	0.04	7.47	84.76	0.45	3.79	1.00	0.04
7.48	84.46	0.44	3.80	1.00	0.04	7.49	84.02	0.44	3.82	1.00	0.04
7.50	84.26	0.44	3.81	1.00	0.04	7.51	83.75	0.44	3.84	1.00	0.04
7.52	83.58	0.44	3.84	1.00	0.04	7.53	83.13	0.44	3.86	1.00	0.04
7.54	83.12	0.44	3.86	1.00	0.04	7.55	82.59	0.44	3.89	1.00	0.04
7.56	81.98	0.43	3.92	1.00	0.04	7.57	81.50	0.43	3.94	1.00	0.04
7.58	79.50	0.42	4.03	1.00	0.04	7.59	79.14	0.42	4.05	1.00	0.04
7.60	75.27	0.41	4.25	1.00	0.04	7.61	77.09	0.41	4.15	1.00	0.04
7.62	73.30	0.40	4.36	1.00	0.04	7.63	74.37	0.40	4.30	1.00	0.04
7.64	75.18	0.41	4.25	1.00	0.04	7.65	76.82	0.41	4.17	1.00	0.04
7.66	79.06	0.42	4.05	1.00	0.04	7.67	80.47	0.43	3.99	1.00	0.04
7.68	80.74	0.43	3.97	1.00	0.04	7.69	82.46	0.43	3.89	1.00	0.04
7.70	82.86	0.44	3.88	1.00	0.04	7.71	82.96	0.44	3.87	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	82.91	0.44	3.87	1.00	0.04	7.73	82.77	0.44	3.88	1.00	0.04
7.74	83.47	0.44	3.85	1.00	0.04	7.75	84.17	0.44	3.82	1.00	0.04
7.76	85.30	0.45	3.77	1.00	0.04	7.77	85.89	0.45	3.74	1.00	0.04
7.78	85.48	0.45	3.76	1.00	0.04	7.79	84.73	0.44	3.79	1.00	0.04
7.80	82.35	0.43	3.90	1.00	0.04	7.81	81.18	0.43	3.95	1.00	0.04
7.82	80.82	0.43	3.97	1.00	0.04	7.83	80.77	0.43	3.97	1.00	0.04
7.84	80.84	0.43	3.97	1.00	0.04	7.85	80.10	0.42	4.00	1.00	0.04
7.86	80.64	0.43	3.98	1.00	0.04	7.87	81.29	0.43	3.95	1.00	0.04
7.88	81.73	0.43	3.93	1.00	0.04	7.89	81.68	0.43	3.93	1.00	0.04
7.90	81.48	0.43	3.94	1.00	0.04	7.91	81.53	0.43	3.94	1.00	0.04
7.92	81.49	0.43	3.94	1.00	0.04	7.93	81.29	0.43	3.95	1.00	0.04
7.94	80.09	0.42	4.00	1.00	0.04	7.95	79.04	0.42	4.06	1.00	0.04
7.96	78.67	0.42	4.07	1.00	0.04	7.97	78.25	0.42	4.09	1.00	0.04
7.98	77.79	0.42	4.12	1.00	0.04	7.99	77.81	0.42	4.12	1.00	0.04
8.00	77.79	0.42	4.12	1.00	0.04	8.01	76.64	0.41	4.18	1.00	0.04
8.02	76.65	0.41	4.18	1.00	0.04	8.03	76.82	0.41	4.17	1.00	0.04
8.04	77.73	0.42	4.12	1.00	0.04	8.05	79.04	0.42	4.06	1.00	0.04
8.06	79.63	0.42	4.03	1.00	0.04	8.07	80.37	0.43	3.99	1.00	0.04
8.08	73.23	0.40	4.36	1.00	0.04	8.09	72.97	0.40	4.38	1.00	0.04
8.10	72.23	0.39	4.42	1.00	0.04	8.11	73.73	0.40	4.33	1.00	0.04
8.12	74.97	0.40	4.27	1.00	0.04	8.13	76.41	0.41	4.19	1.00	0.04
8.14	77.54	0.41	4.13	1.00	0.04	8.15	78.92	0.42	4.06	1.00	0.04
8.16	80.57	0.43	3.98	1.00	0.04	8.17	82.00	0.43	3.91	1.00	0.04
8.18	85.04	0.45	3.78	1.00	0.04	8.19	86.36	0.45	3.72	1.00	0.04
8.20	89.76	0.47	3.58	1.00	0.04	8.21	89.71	0.47	3.58	1.00	0.04
8.22	91.02	0.48	3.53	1.00	0.04	8.23	92.17	0.48	3.49	1.00	0.03
8.24	92.90	0.49	3.46	1.00	0.03	8.25	94.20	0.49	3.41	1.00	0.03
8.26	94.35	0.49	3.41	1.00	0.03	8.27	93.85	0.49	3.43	1.00	0.03
8.28	92.92	0.49	3.46	1.00	0.03	8.29	92.04	0.48	3.49	1.00	0.03
8.30	92.00	0.48	3.50	1.00	0.03	8.31	92.88	0.49	3.46	1.00	0.03
8.32	93.56	0.49	3.44	1.00	0.03	8.33	94.49	0.49	3.40	1.00	0.03
8.34	95.45	0.50	3.37	1.00	0.03	8.35	95.76	0.50	3.36	1.00	0.03
8.36	94.91	0.50	3.39	1.00	0.03	8.37	93.42	0.49	3.44	1.00	0.03
8.38	89.50	0.47	3.59	1.00	0.04	8.39	89.45	0.47	3.59	1.00	0.04
8.40	87.08	0.46	3.69	1.00	0.04	8.41	85.21	0.45	3.77	1.00	0.04
8.42	82.34	0.43	3.90	1.00	0.04	8.43	81.01	0.43	3.96	1.00	0.04
8.44	84.53	0.44	3.80	1.00	0.04	8.45	91.28	0.48	3.52	1.00	0.04
8.46	99.69	0.53	3.22	1.00	0.03	8.47	91.69	0.48	3.51	1.00	0.04
8.48	91.42	0.48	3.52	1.00	0.04	8.49	83.83	0.44	3.83	1.00	0.04
8.50	85.43	0.45	3.76	1.00	0.04	8.51	24.36	2.00	0.00	1.00	0.00
8.52	22.26	2.00	0.00	1.00	0.00	8.53	20.71	2.00	0.00	1.00	0.00
8.54	19.76	2.00	0.00	1.00	0.00	8.55	18.86	2.00	0.00	1.00	0.00
8.56	17.69	2.00	0.00	1.00	0.00	8.57	16.53	2.00	0.00	1.00	0.00
8.58	15.53	2.00	0.00	1.00	0.00	8.59	14.31	2.00	0.00	1.00	0.00
8.60	13.81	2.00	0.00	1.00	0.00	8.61	13.19	2.00	0.00	1.00	0.00
8.62	13.18	2.00	0.00	1.00	0.00	8.63	13.39	2.00	0.00	1.00	0.00
8.64	13.38	2.00	0.00	1.00	0.00	8.65	13.49	2.00	0.00	1.00	0.00
8.66	13.20	2.00	0.00	1.00	0.00	8.67	13.25	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	13.41	2.00	0.00	1.00	0.00	8.69	13.02	2.00	0.00	1.00	0.00
8.70	12.86	2.00	0.00	1.00	0.00	8.71	12.73	2.00	0.00	1.00	0.00
8.72	12.73	2.00	0.00	1.00	0.00	8.73	12.72	2.00	0.00	1.00	0.00
8.74	12.77	2.00	0.00	1.00	0.00	8.75	12.83	2.00	0.00	1.00	0.00
8.76	12.76	2.00	0.00	1.00	0.00	8.77	12.92	2.00	0.00	1.00	0.00
8.78	13.07	2.00	0.00	1.00	0.00	8.79	13.07	2.00	0.00	1.00	0.00
8.80	12.83	2.00	0.00	1.00	0.00	8.81	12.72	2.00	0.00	1.00	0.00
8.82	12.71	2.00	0.00	1.00	0.00	8.83	12.76	2.00	0.00	1.00	0.00
8.84	12.70	2.00	0.00	1.00	0.00	8.85	12.63	2.00	0.00	1.00	0.00
8.86	12.57	2.00	0.00	1.00	0.00	8.87	12.61	2.00	0.00	1.00	0.00
8.88	12.61	2.00	0.00	1.00	0.00	8.89	12.60	2.00	0.00	1.00	0.00
8.90	12.38	2.00	0.00	1.00	0.00	8.91	12.31	2.00	0.00	1.00	0.00
8.92	12.64	2.00	0.00	1.00	0.00	8.93	12.63	2.00	0.00	1.00	0.00
8.94	12.40	2.00	0.00	1.00	0.00	8.95	12.18	2.00	0.00	1.00	0.00
8.96	11.95	2.00	0.00	1.00	0.00	8.97	11.78	2.00	0.00	1.00	0.00
8.98	11.67	2.00	0.00	1.00	0.00	8.99	11.50	2.00	0.00	1.00	0.00
9.00	11.39	2.00	0.00	1.00	0.00	9.01	11.55	2.00	0.00	1.00	0.00
9.02	11.64	2.00	0.00	1.00	0.00	9.03	11.74	2.00	0.00	1.00	0.00
9.04	11.74	2.00	0.00	1.00	0.00	9.05	11.83	2.00	0.00	1.00	0.00
9.06	11.99	2.00	0.00	1.00	0.00	9.07	12.26	2.00	0.00	1.00	0.00
9.08	12.25	2.00	0.00	1.00	0.00	9.09	13.48	2.00	0.00	1.00	0.00
9.10	13.48	2.00	0.00	1.00	0.00	9.11	13.51	2.00	0.00	1.00	0.00
9.12	13.56	2.00	0.00	1.00	0.00	9.13	13.56	2.00	0.00	1.00	0.00
9.14	13.65	2.00	0.00	1.00	0.00	9.15	13.70	2.00	0.00	1.00	0.00
9.16	13.75	2.00	0.00	1.00	0.00	9.17	13.79	2.00	0.00	1.00	0.00
9.18	13.58	2.00	0.00	1.00	0.00	9.19	13.45	2.00	0.00	1.00	0.00
9.20	13.44	2.00	0.00	1.00	0.00	9.21	13.01	2.00	0.00	1.00	0.00
9.22	12.95	2.00	0.00	1.00	0.00	9.23	13.00	2.00	0.00	1.00	0.00
9.24	12.99	2.00	0.00	1.00	0.00	9.25	13.04	2.00	0.00	1.00	0.00
9.26	13.13	2.00	0.00	1.00	0.00	9.27	13.23	2.00	0.00	1.00	0.00
9.28	13.50	2.00	0.00	1.00	0.00	9.29	13.85	2.00	0.00	1.00	0.00
9.30	14.22	2.00	0.00	1.00	0.00	9.31	14.58	2.00	0.00	1.00	0.00
9.32	14.79	2.00	0.00	1.00	0.00	9.33	14.72	2.00	0.00	1.00	0.00
9.34	14.77	2.00	0.00	1.00	0.00	9.35	14.76	2.00	0.00	1.00	0.00
9.36	14.75	2.00	0.00	1.00	0.00	9.37	14.79	2.00	0.00	1.00	0.00
9.38	14.78	2.00	0.00	1.00	0.00	9.39	14.73	2.00	0.00	1.00	0.00
9.40	14.66	2.00	0.00	1.00	0.00	9.41	14.49	2.00	0.00	1.00	0.00
9.42	14.38	2.00	0.00	1.00	0.00	9.43	14.37	2.00	0.00	1.00	0.00
9.44	14.52	2.00	0.00	1.00	0.00	9.45	14.36	2.00	0.00	1.00	0.00
9.46	13.98	2.00	0.00	1.00	0.00	9.47	13.97	2.00	0.00	1.00	0.00
9.48	13.76	2.00	0.00	1.00	0.00	9.49	13.53	2.00	0.00	1.00	0.00
9.50	13.37	2.00	0.00	1.00	0.00	9.51	13.10	2.00	0.00	1.00	0.00
9.52	13.15	2.00	0.00	1.00	0.00	9.53	13.08	2.00	0.00	1.00	0.00
9.54	12.34	2.00	0.00	1.00	0.00	9.55	12.12	2.00	0.00	1.00	0.00
9.56	11.91	2.00	0.00	1.00	0.00	9.57	11.90	2.00	0.00	1.00	0.00
9.58	12.00	2.00	0.00	1.00	0.00	9.59	12.05	2.00	0.00	1.00	0.00
9.60	12.08	2.00	0.00	1.00	0.00	9.61	12.13	2.00	0.00	1.00	0.00
9.62	12.23	2.00	0.00	1.00	0.00	9.63	12.43	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.33	2.00	0.00	1.00	0.00	9.65	12.21	2.00	0.00	1.00	0.00
9.66	12.04	2.00	0.00	1.00	0.00	9.67	11.99	2.00	0.00	1.00	0.00
9.68	11.93	2.00	0.00	1.00	0.00	9.69	11.92	2.00	0.00	1.00	0.00
9.70	11.86	2.00	0.00	1.00	0.00	9.71	11.69	2.00	0.00	1.00	0.00
9.72	11.59	2.00	0.00	1.00	0.00	9.73	11.68	2.00	0.00	1.00	0.00
9.74	11.79	2.00	0.00	1.00	0.00	9.75	11.82	2.00	0.00	1.00	0.00
9.76	11.82	2.00	0.00	1.00	0.00	9.77	12.02	2.00	0.00	1.00	0.00
9.78	12.12	2.00	0.00	1.00	0.00	9.79	11.85	2.00	0.00	1.00	0.00
9.80	11.85	2.00	0.00	1.00	0.00	9.81	11.63	2.00	0.00	1.00	0.00
9.82	11.36	2.00	0.00	1.00	0.00	9.83	11.00	2.00	0.00	1.00	0.00
9.84	10.63	2.00	0.00	1.00	0.00	9.85	10.31	2.00	0.00	1.00	0.00
9.86	10.05	2.00	0.00	1.00	0.00	9.87	9.89	2.00	0.00	1.00	0.00
9.88	9.78	2.00	0.00	1.00	0.00	9.89	9.56	2.00	0.00	1.00	0.00
9.90	9.56	2.00	0.00	1.00	0.00	9.91	9.40	2.00	0.00	1.00	0.00
9.92	9.45	2.00	0.00	1.00	0.00	9.93	9.60	2.00	0.00	1.00	0.00
9.94	9.48	2.00	0.00	1.00	0.00	9.95	9.12	2.00	0.00	1.00	0.00
9.96	8.96	2.00	0.00	1.00	0.00	9.97	8.80	2.00	0.00	1.00	0.00
9.98	8.43	2.00	0.00	1.00	0.00	9.99	8.27	2.00	0.00	1.00	0.00
10.00	8.06	2.00	0.00	1.00	0.00	10.01	8.06	2.00	0.00	1.00	0.00
10.02	7.94	2.00	0.00	1.00	0.00	10.03	7.94	2.00	0.00	1.00	0.00
10.04	7.94	2.00	0.00	1.00	0.00	10.05	7.99	2.00	0.00	1.00	0.00
10.06	7.93	2.00	0.00	1.00	0.00	10.07	7.88	2.00	0.00	1.00	0.00
10.08	7.94	2.00	0.00	1.00	0.00	10.09	7.94	2.00	0.00	1.00	0.00
10.10	7.87	2.00	0.00	1.00	0.00	10.11	7.86	2.00	0.00	1.00	0.00
10.12	7.96	2.00	0.00	1.00	0.00	10.13	7.95	2.00	0.00	1.00	0.00
10.14	8.00	2.00	0.00	1.00	0.00	10.15	8.04	2.00	0.00	1.00	0.00
10.16	8.04	2.00	0.00	1.00	0.00	10.17	7.78	2.00	0.00	1.00	0.00
10.18	7.58	2.00	0.00	1.00	0.00	10.19	7.58	2.00	0.00	1.00	0.00
10.20	7.73	2.00	0.00	1.00	0.00	10.21	7.72	2.00	0.00	1.00	0.00
10.22	7.86	2.00	0.00	1.00	0.00	10.23	7.97	2.00	0.00	1.00	0.00
10.24	8.37	2.00	0.00	1.00	0.00	10.25	8.37	2.00	0.00	1.00	0.00
10.26	8.61	2.00	0.00	1.00	0.00	10.27	8.76	2.00	0.00	1.00	0.00
10.28	9.12	2.00	0.00	1.00	0.00	10.29	9.73	2.00	0.00	1.00	0.00
10.30	9.87	2.00	0.00	1.00	0.00	10.31	9.66	2.00	0.00	1.00	0.00
10.32	9.66	2.00	0.00	1.00	0.00	10.33	9.75	2.00	0.00	1.00	0.00
10.34	9.65	2.00	0.00	1.00	0.00	10.35	9.74	2.00	0.00	1.00	0.00
10.36	9.74	2.00	0.00	1.00	0.00	10.37	9.88	2.00	0.00	1.00	0.00
10.38	9.83	2.00	0.00	1.00	0.00	10.39	9.83	2.00	0.00	1.00	0.00
10.40	9.77	2.00	0.00	1.00	0.00	10.41	9.96	2.00	0.00	1.00	0.00
10.42	10.16	2.00	0.00	1.00	0.00	10.43	9.95	2.00	0.00	1.00	0.00
10.44	9.90	2.00	0.00	1.00	0.00	10.45	9.90	2.00	0.00	1.00	0.00
10.46	9.94	2.00	0.00	1.00	0.00	10.47	9.83	2.00	0.00	1.00	0.00
10.48	9.93	2.00	0.00	1.00	0.00	10.49	10.07	2.00	0.00	1.00	0.00
10.50	10.27	2.00	0.00	1.00	0.00	10.51	10.27	2.00	0.00	1.00	0.00
10.52	10.32	2.00	0.00	1.00	0.00	10.53	10.26	2.00	0.00	1.00	0.00
10.54	10.31	2.00	0.00	1.00	0.00	10.55	10.55	2.00	0.00	1.00	0.00
10.56	10.64	2.00	0.00	1.00	0.00	10.57	10.63	2.00	0.00	1.00	0.00
10.58	10.63	2.00	0.00	1.00	0.00	10.59	10.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	10.22	2.00	0.00	1.00	0.00	10.61	10.31	2.00	0.00	1.00	0.00
10.62	10.26	2.00	0.00	1.00	0.00	10.63	10.26	2.00	0.00	1.00	0.00
10.64	10.25	2.00	0.00	1.00	0.00	10.65	10.25	2.00	0.00	1.00	0.00
10.66	9.94	2.00	0.00	1.00	0.00	10.67	9.94	2.00	0.00	1.00	0.00
10.68	9.88	2.00	0.00	1.00	0.00	10.69	9.87	2.00	0.00	1.00	0.00
10.70	9.87	2.00	0.00	1.00	0.00	10.71	10.07	2.00	0.00	1.00	0.00
10.72	10.21	2.00	0.00	1.00	0.00	10.73	10.30	2.00	0.00	1.00	0.00
10.74	10.35	2.00	0.00	1.00	0.00	10.75	10.34	2.00	0.00	1.00	0.00
10.76	10.34	2.00	0.00	1.00	0.00	10.77	10.38	2.00	0.00	1.00	0.00
10.78	10.13	2.00	0.00	1.00	0.00	10.79	9.87	2.00	0.00	1.00	0.00
10.80	9.91	2.00	0.00	1.00	0.00	10.81	9.91	2.00	0.00	1.00	0.00
10.82	9.81	2.00	0.00	1.00	0.00	10.83	9.75	2.00	0.00	1.00	0.00
10.84	9.85	2.00	0.00	1.00	0.00	10.85	9.79	2.00	0.00	1.00	0.00
10.86	9.88	2.00	0.00	1.00	0.00	10.87	9.88	2.00	0.00	1.00	0.00
10.88	9.87	2.00	0.00	1.00	0.00	10.89	9.83	2.00	0.00	1.00	0.00
10.90	9.77	2.00	0.00	1.00	0.00	10.91	9.71	2.00	0.00	1.00	0.00
10.92	9.85	2.00	0.00	1.00	0.00	10.93	9.85	2.00	0.00	1.00	0.00
10.94	9.99	2.00	0.00	1.00	0.00	10.95	9.89	2.00	0.00	1.00	0.00
10.96	9.83	2.00	0.00	1.00	0.00	10.97	9.68	2.00	0.00	1.00	0.00
10.98	9.43	2.00	0.00	1.00	0.00	10.99	9.43	2.00	0.00	1.00	0.00
11.00	9.42	2.00	0.00	1.00	0.00	11.01	9.27	2.00	0.00	1.00	0.00
11.02	9.17	2.00	0.00	1.00	0.00	11.03	9.17	2.00	0.00	1.00	0.00
11.04	8.87	2.00	0.00	1.00	0.00	11.05	8.86	2.00	0.00	1.00	0.00
11.06	8.86	2.00	0.00	1.00	0.00	11.07	8.80	2.00	0.00	1.00	0.00
11.08	7.92	2.00	0.00	1.00	0.00	11.09	7.92	2.00	0.00	1.00	0.00
11.10	8.60	2.00	0.00	1.00	0.00	11.11	8.50	2.00	0.00	1.00	0.00
11.12	8.49	2.00	0.00	1.00	0.00	11.13	8.29	2.00	0.00	1.00	0.00
11.14	8.19	2.00	0.00	1.00	0.00	11.15	8.04	2.00	0.00	1.00	0.00
11.16	8.04	2.00	0.00	1.00	0.00	11.17	7.89	2.00	0.00	1.00	0.00
11.18	7.88	2.00	0.00	1.00	0.00	11.19	7.83	2.00	0.00	1.00	0.00
11.20	8.02	2.00	0.00	1.00	0.00	11.21	8.06	2.00	0.00	1.00	0.00
11.22	8.01	2.00	0.00	1.00	0.00	11.23	8.01	2.00	0.00	1.00	0.00
11.24	8.05	2.00	0.00	1.00	0.00	11.25	8.15	2.00	0.00	1.00	0.00
11.26	8.14	2.00	0.00	1.00	0.00	11.27	8.09	2.00	0.00	1.00	0.00
11.28	8.14	2.00	0.00	1.00	0.00	11.29	8.13	2.00	0.00	1.00	0.00
11.30	8.02	2.00	0.00	1.00	0.00	11.31	7.93	2.00	0.00	1.00	0.00
11.32	7.87	2.00	0.00	1.00	0.00	11.33	7.87	2.00	0.00	1.00	0.00
11.34	7.82	2.00	0.00	1.00	0.00	11.35	7.96	2.00	0.00	1.00	0.00
11.36	7.91	2.00	0.00	1.00	0.00	11.37	7.61	2.00	0.00	1.00	0.00
11.38	7.56	2.00	0.00	1.00	0.00	11.39	7.55	2.00	0.00	1.00	0.00
11.40	7.55	2.00	0.00	1.00	0.00	11.41	7.45	2.00	0.00	1.00	0.00
11.42	7.16	2.00	0.00	1.00	0.00	11.43	7.16	2.00	0.00	1.00	0.00
11.44	7.06	2.00	0.00	1.00	0.00	11.45	7.06	2.00	0.00	1.00	0.00
11.46	7.05	2.00	0.00	1.00	0.00	11.47	7.05	2.00	0.00	1.00	0.00
11.48	6.99	2.00	0.00	1.00	0.00	11.49	7.04	2.00	0.00	1.00	0.00
11.50	7.04	2.00	0.00	1.00	0.00	11.51	6.99	2.00	0.00	1.00	0.00
11.52	7.03	2.00	0.00	1.00	0.00	11.53	6.94	2.00	0.00	1.00	0.00
11.54	6.98	2.00	0.00	1.00	0.00	11.55	7.08	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	7.07	2.00	0.00	1.00	0.00	11.57	7.21	2.00	0.00	1.00	0.00
11.58	7.21	2.00	0.00	1.00	0.00	11.59	7.21	2.00	0.00	1.00	0.00
11.60	7.24	2.00	0.00	1.00	0.00	11.61	7.24	2.00	0.00	1.00	0.00
11.62	7.24	2.00	0.00	1.00	0.00	11.63	7.24	2.00	0.00	1.00	0.00
11.64	7.00	2.00	0.00	1.00	0.00	11.65	6.90	2.00	0.00	1.00	0.00
11.66	6.65	2.00	0.00	1.00	0.00	11.67	6.65	2.00	0.00	1.00	0.00
11.68	6.41	2.00	0.00	1.00	0.00	11.69	5.97	2.00	0.00	1.00	0.00
11.70	5.79	2.00	0.00	1.00	0.00	11.71	5.50	2.00	0.00	1.00	0.00
11.72	5.49	2.00	0.00	1.00	0.00	11.73	5.30	2.00	0.00	1.00	0.00
11.74	5.20	2.00	0.00	1.00	0.00	11.75	5.11	2.00	0.00	1.00	0.00
11.76	5.15	2.00	0.00	1.00	0.00	11.77	5.14	2.00	0.00	1.00	0.00
11.78	5.14	2.00	0.00	1.00	0.00	11.79	5.19	2.00	0.00	1.00	0.00
11.80	5.19	2.00	0.00	1.00	0.00	11.81	5.42	2.00	0.00	1.00	0.00
11.82	5.51	2.00	0.00	1.00	0.00	11.83	5.75	2.00	0.00	1.00	0.00
11.84	5.75	2.00	0.00	1.00	0.00	11.85	5.84	2.00	0.00	1.00	0.00
11.86	5.93	2.00	0.00	1.00	0.00	11.87	6.21	2.00	0.00	1.00	0.00
11.88	6.21	2.00	0.00	1.00	0.00	11.89	6.30	2.00	0.00	1.00	0.00
11.90	6.30	2.00	0.00	1.00	0.00	11.91	6.25	2.00	0.00	1.00	0.00
11.92	6.39	2.00	0.00	1.00	0.00	11.93	6.58	2.00	0.00	1.00	0.00
11.94	6.86	2.00	0.00	1.00	0.00	11.95	6.85	2.00	0.00	1.00	0.00
11.96	6.99	2.00	0.00	1.00	0.00	11.97	7.09	2.00	0.00	1.00	0.00
11.98	7.46	2.00	0.00	1.00	0.00	11.99	7.60	2.00	0.00	1.00	0.00
12.00	7.69	2.00	0.00	1.00	0.00	12.01	7.69	2.00	0.00	1.00	0.00
12.02	7.83	2.00	0.00	1.00	0.00	12.03	7.87	2.00	0.00	1.00	0.00
12.04	8.01	2.00	0.00	1.00	0.00	12.05	7.91	2.00	0.00	1.00	0.00
12.06	7.90	2.00	0.00	1.00	0.00	12.07	7.90	2.00	0.00	1.00	0.00
12.08	7.81	2.00	0.00	1.00	0.00	12.09	7.80	2.00	0.00	1.00	0.00
12.10	8.40	2.00	0.00	1.00	0.00	12.11	8.64	2.00	0.00	1.00	0.00
12.12	8.68	2.00	0.00	1.00	0.00	12.13	8.82	2.00	0.00	1.00	0.00
12.14	9.00	2.00	0.00	1.00	0.00	12.15	9.18	2.00	0.00	1.00	0.00
12.16	9.32	2.00	0.00	1.00	0.00	12.17	9.31	2.00	0.00	1.00	0.00
12.18	9.59	2.00	0.00	1.00	0.00	12.19	9.83	2.00	0.00	1.00	0.00
12.20	9.82	2.00	0.00	1.00	0.00	12.21	9.68	2.00	0.00	1.00	0.00
12.22	9.68	2.00	0.00	1.00	0.00	12.23	9.71	2.00	0.00	1.00	0.00
12.24	9.57	2.00	0.00	1.00	0.00	12.25	9.61	2.00	0.00	1.00	0.00
12.26	9.52	2.00	0.00	1.00	0.00	12.27	9.32	2.00	0.00	1.00	0.00
12.28	9.32	2.00	0.00	1.00	0.00	12.29	9.18	2.00	0.00	1.00	0.00
12.30	8.89	2.00	0.00	1.00	0.00	12.31	8.71	2.00	0.00	1.00	0.00
12.32	8.51	2.00	0.00	1.00	0.00	12.33	8.51	2.00	0.00	1.00	0.00
12.34	8.46	2.00	0.00	1.00	0.00	12.35	8.78	2.00	0.00	1.00	0.00
12.36	8.87	2.00	0.00	1.00	0.00	12.37	9.14	2.00	0.00	1.00	0.00
12.38	9.14	2.00	0.00	1.00	0.00	12.39	9.22	2.00	0.00	1.00	0.00
12.40	9.46	2.00	0.00	1.00	0.00	12.41	9.68	2.00	0.00	1.00	0.00
12.42	9.82	2.00	0.00	1.00	0.00	12.43	9.63	2.00	0.00	1.00	0.00
12.44	9.62	2.00	0.00	1.00	0.00	12.45	9.67	2.00	0.00	1.00	0.00
12.46	9.43	2.00	0.00	1.00	0.00	12.47	9.38	2.00	0.00	1.00	0.00
12.48	9.15	2.00	0.00	1.00	0.00	12.49	9.14	2.00	0.00	1.00	0.00
12.50	9.04	2.00	0.00	1.00	0.00	12.51	8.86	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	8.53	2.00	0.00	1.00	0.00	12.53	8.52	2.00	0.00	1.00	0.00
12.54	8.34	2.00	0.00	1.00	0.00	12.55	8.24	2.00	0.00	1.00	0.00
12.56	7.97	2.00	0.00	1.00	0.00	12.57	7.96	2.00	0.00	1.00	0.00
12.58	7.68	2.00	0.00	1.00	0.00	12.59	7.68	2.00	0.00	1.00	0.00
12.60	7.58	2.00	0.00	1.00	0.00	12.61	7.21	2.00	0.00	1.00	0.00
12.62	7.12	2.00	0.00	1.00	0.00	12.63	6.79	2.00	0.00	1.00	0.00
12.64	6.79	2.00	0.00	1.00	0.00	12.65	6.65	2.00	0.00	1.00	0.00
12.66	6.50	2.00	0.00	1.00	0.00	12.67	6.36	2.00	0.00	1.00	0.00
12.68	6.32	2.00	0.00	1.00	0.00	12.69	6.32	2.00	0.00	1.00	0.00
12.70	6.32	2.00	0.00	1.00	0.00	12.71	6.68	2.00	0.00	1.00	0.00
12.72	6.81	2.00	0.00	1.00	0.00	12.73	7.09	2.00	0.00	1.00	0.00
12.74	7.08	2.00	0.00	1.00	0.00	12.75	7.03	2.00	0.00	1.00	0.00
12.76	6.85	2.00	0.00	1.00	0.00	12.77	6.71	2.00	0.00	1.00	0.00
12.78	6.30	2.00	0.00	1.00	0.00	12.79	6.29	2.00	0.00	1.00	0.00
12.80	6.11	2.00	0.00	1.00	0.00	12.81	6.05	2.00	0.00	1.00	0.00
12.82	5.79	2.00	0.00	1.00	0.00	12.83	5.69	2.00	0.00	1.00	0.00
12.84	5.60	2.00	0.00	1.00	0.00	12.85	5.60	2.00	0.00	1.00	0.00
12.86	5.54	2.00	0.00	1.00	0.00	12.87	5.59	2.00	0.00	1.00	0.00
12.88	5.59	2.00	0.00	1.00	0.00	12.89	5.59	2.00	0.00	1.00	0.00
12.90	5.59	2.00	0.00	1.00	0.00	12.91	5.50	2.00	0.00	1.00	0.00
12.92	5.53	2.00	0.00	1.00	0.00	12.93	5.76	2.00	0.00	1.00	0.00
12.94	5.76	2.00	0.00	1.00	0.00	12.95	5.94	2.00	0.00	1.00	0.00
12.96	6.12	2.00	0.00	1.00	0.00	12.97	6.16	2.00	0.00	1.00	0.00
12.98	6.39	2.00	0.00	1.00	0.00	12.99	6.39	2.00	0.00	1.00	0.00
13.00	6.47	2.00	0.00	1.00	0.00	13.01	6.56	2.00	0.00	1.00	0.00
13.02	6.69	2.00	0.00	1.00	0.00	13.03	6.79	2.00	0.00	1.00	0.00
13.04	6.82	2.00	0.00	1.00	0.00	13.05	6.82	2.00	0.00	1.00	0.00
13.06	6.90	2.00	0.00	1.00	0.00	13.07	6.90	2.00	0.00	1.00	0.00
13.08	7.22	2.00	0.00	1.00	0.00	13.09	7.22	2.00	0.00	1.00	0.00
13.10	7.44	2.00	0.00	1.00	0.00	13.11	7.53	2.00	0.00	1.00	0.00
13.12	7.75	2.00	0.00	1.00	0.00	13.13	7.75	2.00	0.00	1.00	0.00
13.14	7.79	2.00	0.00	1.00	0.00	13.15	7.83	2.00	0.00	1.00	0.00
13.16	7.83	2.00	0.00	1.00	0.00	13.17	8.01	2.00	0.00	1.00	0.00
13.18	8.00	2.00	0.00	1.00	0.00	13.19	7.95	2.00	0.00	1.00	0.00
13.20	8.00	2.00	0.00	1.00	0.00	13.21	7.99	2.00	0.00	1.00	0.00
13.22	8.16	2.00	0.00	1.00	0.00	13.23	8.16	2.00	0.00	1.00	0.00
13.24	8.21	2.00	0.00	1.00	0.00	13.25	8.25	2.00	0.00	1.00	0.00
13.26	8.25	2.00	0.00	1.00	0.00	13.27	8.06	2.00	0.00	1.00	0.00
13.28	8.06	2.00	0.00	1.00	0.00	13.29	7.92	2.00	0.00	1.00	0.00
13.30	7.83	2.00	0.00	1.00	0.00	13.31	7.74	2.00	0.00	1.00	0.00
13.32	7.74	2.00	0.00	1.00	0.00	13.33	7.60	2.00	0.00	1.00	0.00
13.34	7.33	2.00	0.00	1.00	0.00	13.35	7.23	2.00	0.00	1.00	0.00
13.36	7.27	2.00	0.00	1.00	0.00	13.37	7.27	2.00	0.00	1.00	0.00
13.38	7.18	2.00	0.00	1.00	0.00	13.39	7.08	2.00	0.00	1.00	0.00
13.40	6.99	2.00	0.00	1.00	0.00	13.41	6.99	2.00	0.00	1.00	0.00
13.42	7.12	2.00	0.00	1.00	0.00	13.43	7.12	2.00	0.00	1.00	0.00
13.44	6.93	2.00	0.00	1.00	0.00	13.45	6.93	2.00	0.00	1.00	0.00
13.46	7.06	2.00	0.00	1.00	0.00	13.47	7.06	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	7.32	2.00	0.00	1.00	0.00	13.49	7.68	2.00	0.00	1.00	0.00
13.50	7.72	2.00	0.00	1.00	0.00	13.51	8.03	2.00	0.00	1.00	0.00
13.52	8.03	2.00	0.00	1.00	0.00	13.53	8.24	2.00	0.00	1.00	0.00
13.54	8.46	2.00	0.00	1.00	0.00	13.55	8.77	2.00	0.00	1.00	0.00
13.56	8.77	2.00	0.00	1.00	0.00	13.57	8.98	2.00	0.00	1.00	0.00
13.58	9.43	2.00	0.00	1.00	0.00	13.59	9.68	2.00	0.00	1.00	0.00
13.60	10.08	2.00	0.00	1.00	0.00	13.61	10.07	2.00	0.00	1.00	0.00
13.62	10.25	2.00	0.00	1.00	0.00	13.63	10.55	2.00	0.00	1.00	0.00
13.64	10.73	2.00	0.00	1.00	0.00	13.65	11.21	2.00	0.00	1.00	0.00
13.66	11.20	2.00	0.00	1.00	0.00	13.67	11.29	2.00	0.00	1.00	0.00
13.68	11.33	2.00	0.00	1.00	0.00	13.69	11.19	2.00	0.00	1.00	0.00
13.70	11.19	2.00	0.00	1.00	0.00	13.71	11.10	2.00	0.00	1.00	0.00
13.72	11.18	2.00	0.00	1.00	0.00	13.73	11.09	2.00	0.00	1.00	0.00
13.74	10.68	2.00	0.00	1.00	0.00	13.75	10.68	2.00	0.00	1.00	0.00
13.76	10.14	2.00	0.00	1.00	0.00	13.77	9.97	2.00	0.00	1.00	0.00
13.78	9.65	2.00	0.00	1.00	0.00	13.79	9.65	2.00	0.00	1.00	0.00
13.80	9.60	2.00	0.00	1.00	0.00	13.81	9.51	2.00	0.00	1.00	0.00
13.82	9.29	2.00	0.00	1.00	0.00	13.83	9.24	2.00	0.00	1.00	0.00
13.84	9.15	2.00	0.00	1.00	0.00	13.85	9.14	2.00	0.00	1.00	0.00
13.86	9.44	2.00	0.00	1.00	0.00	13.87	9.44	2.00	0.00	1.00	0.00
13.88	9.61	2.00	0.00	1.00	0.00	13.89	9.61	2.00	0.00	1.00	0.00
13.90	9.82	2.00	0.00	1.00	0.00	13.91	9.91	2.00	0.00	1.00	0.00
13.92	10.21	2.00	0.00	1.00	0.00	13.93	10.21	2.00	0.00	1.00	0.00
13.94	10.29	2.00	0.00	1.00	0.00	13.95	10.51	2.00	0.00	1.00	0.00
13.96	10.67	2.00	0.00	1.00	0.00	13.97	10.85	2.00	0.00	1.00	0.00
13.98	10.84	2.00	0.00	1.00	0.00	13.99	11.05	2.00	0.00	1.00	0.00
14.00	11.36	2.00	0.00	1.00	0.00	14.01	11.52	2.00	0.00	1.00	0.00
14.02	12.00	2.00	0.00	1.00	0.00	14.03	11.99	2.00	0.00	1.00	0.00
14.04	12.21	2.00	0.00	1.00	0.00	14.05	12.85	2.00	0.00	1.00	0.00
14.06	13.07	2.00	0.00	1.00	0.00	14.07	12.20	2.00	0.00	1.00	0.00
14.08	12.19	2.00	0.00	1.00	0.00	14.09	14.32	2.00	0.00	1.00	0.00
14.10	14.53	2.00	0.00	1.00	0.00	14.11	14.83	2.00	0.00	1.00	0.00
14.12	14.82	2.00	0.00	1.00	0.00	14.13	15.08	2.00	0.00	1.00	0.00
14.14	14.99	2.00	0.00	1.00	0.00	14.15	15.16	2.00	0.00	1.00	0.00
14.16	15.37	2.00	0.00	1.00	0.00	14.17	15.36	2.00	0.00	1.00	0.00
14.18	15.49	2.00	0.00	1.00	0.00	14.19	15.52	2.00	0.00	1.00	0.00
14.20	15.34	2.00	0.00	1.00	0.00	14.21	15.42	2.00	0.00	1.00	0.00
14.22	15.41	2.00	0.00	1.00	0.00	14.23	15.49	2.00	0.00	1.00	0.00
14.24	15.32	2.00	0.00	1.00	0.00	14.25	15.31	2.00	0.00	1.00	0.00
14.26	15.13	2.00	0.00	1.00	0.00	14.27	15.12	2.00	0.00	1.00	0.00
14.28	15.03	2.00	0.00	1.00	0.00	14.29	14.98	2.00	0.00	1.00	0.00
14.30	14.58	2.00	0.00	1.00	0.00	14.31	14.57	2.00	0.00	1.00	0.00
14.32	14.32	2.00	0.00	1.00	0.00	14.33	14.22	2.00	0.00	1.00	0.00
14.34	14.34	2.00	0.00	1.00	0.00	14.35	14.12	2.00	0.00	1.00	0.00
14.36	14.12	2.00	0.00	1.00	0.00	14.37	14.03	2.00	0.00	1.00	0.00
14.38	13.84	2.00	0.00	1.00	0.00	14.39	14.18	2.00	0.00	1.00	0.00
14.40	14.18	2.00	0.00	1.00	0.00	14.41	14.22	2.00	0.00	1.00	0.00
14.42	13.77	2.00	0.00	1.00	0.00	14.43	13.43	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	12.87	2.00	0.00	1.00	0.00	14.45	12.86	2.00	0.00	1.00	0.00
14.46	12.76	2.00	0.00	1.00	0.00	14.47	12.46	2.00	0.00	1.00	0.00
14.48	12.33	2.00	0.00	1.00	0.00	14.49	12.28	2.00	0.00	1.00	0.00
14.50	12.27	2.00	0.00	1.00	0.00	14.51	12.23	2.00	0.00	1.00	0.00
14.52	12.22	2.00	0.00	1.00	0.00	14.53	12.51	2.00	0.00	1.00	0.00
14.54	12.51	2.00	0.00	1.00	0.00	14.55	12.55	2.00	0.00	1.00	0.00
14.56	12.29	2.00	0.00	1.00	0.00	14.57	12.33	2.00	0.00	1.00	0.00
14.58	11.97	2.00	0.00	1.00	0.00	14.59	11.97	2.00	0.00	1.00	0.00
14.60	11.50	2.00	0.00	1.00	0.00	14.61	11.45	2.00	0.00	1.00	0.00
14.62	11.28	2.00	0.00	1.00	0.00	14.63	11.27	2.00	0.00	1.00	0.00
14.64	11.27	2.00	0.00	1.00	0.00	14.65	11.39	2.00	0.00	1.00	0.00
14.66	11.51	2.00	0.00	1.00	0.00	14.67	11.98	2.00	0.00	1.00	0.00
14.68	11.97	2.00	0.00	1.00	0.00	14.69	12.48	2.00	0.00	1.00	0.00
14.70	12.60	2.00	0.00	1.00	0.00	14.71	13.24	2.00	0.00	1.00	0.00
14.72	13.23	2.00	0.00	1.00	0.00	14.73	13.48	2.00	0.00	1.00	0.00
14.74	13.60	2.00	0.00	1.00	0.00	14.75	13.77	2.00	0.00	1.00	0.00
14.76	14.02	2.00	0.00	1.00	0.00	14.77	14.01	2.00	0.00	1.00	0.00
14.78	14.09	2.00	0.00	1.00	0.00	14.79	14.47	2.00	0.00	1.00	0.00
14.80	14.67	2.00	0.00	1.00	0.00	14.81	15.02	2.00	0.00	1.00	0.00
14.82	15.01	2.00	0.00	1.00	0.00	14.83	15.42	2.00	0.00	1.00	0.00
14.84	15.63	2.00	0.00	1.00	0.00	14.85	16.26	2.00	0.00	1.00	0.00
14.86	16.25	2.00	0.00	1.00	0.00	14.87	16.55	2.00	0.00	1.00	0.00
14.88	17.04	2.00	0.00	1.00	0.00	14.89	17.29	2.00	0.00	1.00	0.00
14.90	17.33	2.00	0.00	1.00	0.00	14.91	17.33	2.00	0.00	1.00	0.00
14.92	17.53	2.00	0.00	1.00	0.00	14.93	17.36	2.00	0.00	1.00	0.00
14.94	17.22	2.00	0.00	1.00	0.00	14.95	17.22	2.00	0.00	1.00	0.00
14.96	17.04	2.00	0.00	1.00	0.00	14.97	16.65	2.00	0.00	1.00	0.00
14.98	16.48	2.00	0.00	1.00	0.00	14.99	15.87	2.00	0.00	1.00	0.00
15.00	15.86	2.00	0.00	1.00	0.00	15.01	15.77	2.00	0.00	1.00	0.00
15.02	15.60	2.00	0.00	1.00	0.00	15.03	15.30	2.00	0.00	1.00	0.00
15.04	15.55	2.00	0.00	1.00	0.00	15.05	15.54	2.00	0.00	1.00	0.00
15.06	15.71	2.00	0.00	1.00	0.00	15.07	15.91	2.00	0.00	1.00	0.00
15.08	15.90	2.00	0.00	1.00	0.00	15.09	16.53	2.00	0.00	1.00	0.00
15.10	16.81	2.00	0.00	1.00	0.00	15.11	16.89	2.00	0.00	1.00	0.00
15.12	16.63	2.00	0.00	1.00	0.00	15.13	16.62	2.00	0.00	1.00	0.00
15.14	16.58	2.00	0.00	1.00	0.00	15.15	16.57	2.00	0.00	1.00	0.00
15.16	16.57	2.00	0.00	1.00	0.00	15.17	16.69	2.00	0.00	1.00	0.00
15.18	16.68	2.00	0.00	1.00	0.00	15.19	16.42	2.00	0.00	1.00	0.00
15.20	16.33	2.00	0.00	1.00	0.00	15.21	15.90	2.00	0.00	1.00	0.00
15.22	15.89	2.00	0.00	1.00	0.00	15.23	15.72	2.00	0.00	1.00	0.00
15.24	15.34	2.00	0.00	1.00	0.00	15.25	15.21	2.00	0.00	1.00	0.00
15.26	14.74	2.00	0.00	1.00	0.00	15.27	14.74	2.00	0.00	1.00	0.00
15.28	14.52	2.00	0.00	1.00	0.00	15.29	14.60	2.00	0.00	1.00	0.00
15.30	14.34	2.00	0.00	1.00	0.00	15.31	14.34	2.00	0.00	1.00	0.00
15.32	13.83	2.00	0.00	1.00	0.00	15.33	13.62	2.00	0.00	1.00	0.00
15.34	13.36	2.00	0.00	1.00	0.00	15.35	12.78	2.00	0.00	1.00	0.00
15.36	12.77	2.00	0.00	1.00	0.00	15.37	12.47	2.00	0.00	1.00	0.00
15.38	12.22	2.00	0.00	1.00	0.00	15.39	12.34	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

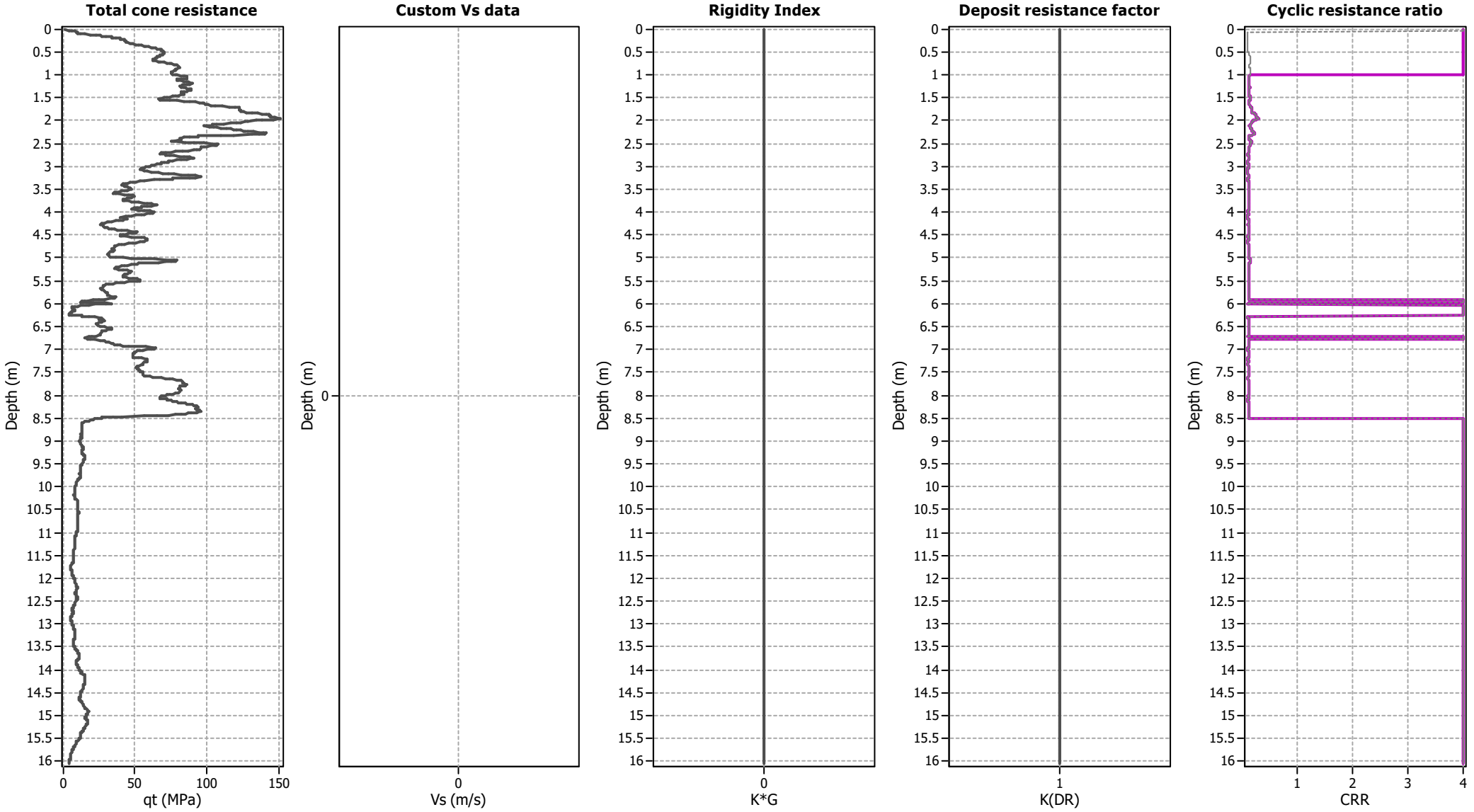
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	12.33	2.00	0.00	1.00	0.00	15.41	12.33	2.00	0.00	1.00	0.00
15.42	12.32	2.00	0.00	1.00	0.00	15.43	12.40	2.00	0.00	1.00	0.00
15.44	12.31	2.00	0.00	1.00	0.00	15.45	12.31	2.00	0.00	1.00	0.00
15.46	12.18	2.00	0.00	1.00	0.00	15.47	12.22	2.00	0.00	1.00	0.00
15.48	11.76	2.00	0.00	1.00	0.00	15.49	11.75	2.00	0.00	1.00	0.00
15.50	11.58	2.00	0.00	1.00	0.00	15.51	11.20	2.00	0.00	1.00	0.00
15.52	11.04	2.00	0.00	1.00	0.00	15.53	10.79	2.00	0.00	1.00	0.00
15.54	10.78	2.00	0.00	1.00	0.00	15.55	10.12	2.00	0.00	1.00	0.00
15.56	10.03	2.00	0.00	1.00	0.00	15.57	9.45	2.00	0.00	1.00	0.00
15.58	9.45	2.00	0.00	1.00	0.00	15.59	9.24	2.00	0.00	1.00	0.00
15.60	9.03	2.00	0.00	1.00	0.00	15.61	8.99	2.00	0.00	1.00	0.00
15.62	8.74	2.00	0.00	1.00	0.00	15.63	8.74	2.00	0.00	1.00	0.00
15.64	8.32	2.00	0.00	1.00	0.00	15.65	8.24	2.00	0.00	1.00	0.00
15.66	8.03	2.00	0.00	1.00	0.00	15.67	8.03	2.00	0.00	1.00	0.00
15.68	7.70	2.00	0.00	1.00	0.00	15.69	7.53	2.00	0.00	1.00	0.00
15.70	7.04	2.00	0.00	1.00	0.00	15.71	7.04	2.00	0.00	1.00	0.00
15.72	6.96	2.00	0.00	1.00	0.00	15.73	6.75	2.00	0.00	1.00	0.00
15.74	6.63	2.00	0.00	1.00	0.00	15.75	6.58	2.00	0.00	1.00	0.00
15.76	6.58	2.00	0.00	1.00	0.00	15.77	6.33	2.00	0.00	1.00	0.00
15.78	6.16	2.00	0.00	1.00	0.00	15.79	5.93	2.00	0.00	1.00	0.00
15.80	5.92	2.00	0.00	1.00	0.00	15.81	5.83	2.00	0.00	1.00	0.00
15.82	5.63	2.00	0.00	1.00	0.00	15.83	5.55	2.00	0.00	1.00	0.00
15.84	5.55	2.00	0.00	1.00	0.00	15.85	5.55	2.00	0.00	1.00	0.00
15.86	5.42	2.00	0.00	1.00	0.00	15.87	5.30	2.00	0.00	1.00	0.00
15.88	5.18	2.00	0.00	1.00	0.00	15.89	5.18	2.00	0.00	1.00	0.00
15.90	5.13	2.00	0.00	1.00	0.00	15.91	5.09	2.00	0.00	1.00	0.00
15.92	5.05	2.00	0.00	1.00	0.00	15.93	4.85	2.00	0.00	1.00	0.00
15.94	4.85	2.00	0.00	1.00	0.00	15.95	4.72	2.00	0.00	1.00	0.00
15.96	4.68	2.00	0.00	1.00	0.00	15.97	4.60	2.00	0.00	1.00	0.00
15.98	4.60	2.00	0.00	1.00	0.00	15.99	4.55	2.00	0.00	1.00	0.00
16.00	4.51	2.00	0.00	1.00	0.00	16.01	4.51	2.00	0.00	1.00	0.00
16.02	4.59	2.00	0.00	1.00	0.00	16.03	4.59	2.00	0.00	1.00	0.00
16.04	4.59	2.00	0.00	1.00	0.00	16.05	4.59	2.00	0.00	1.00	0.00

Total estimated settlement: 25.32

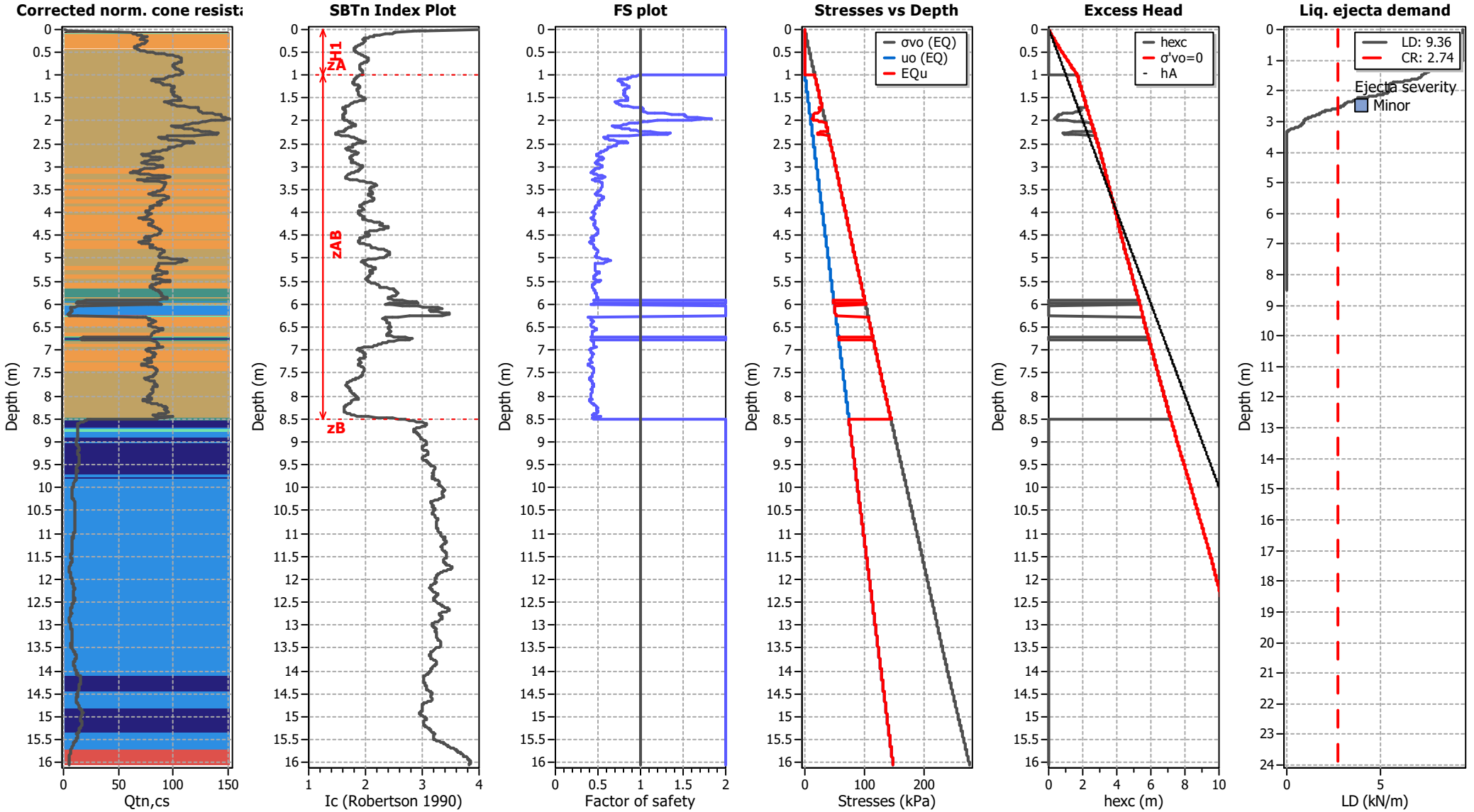
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



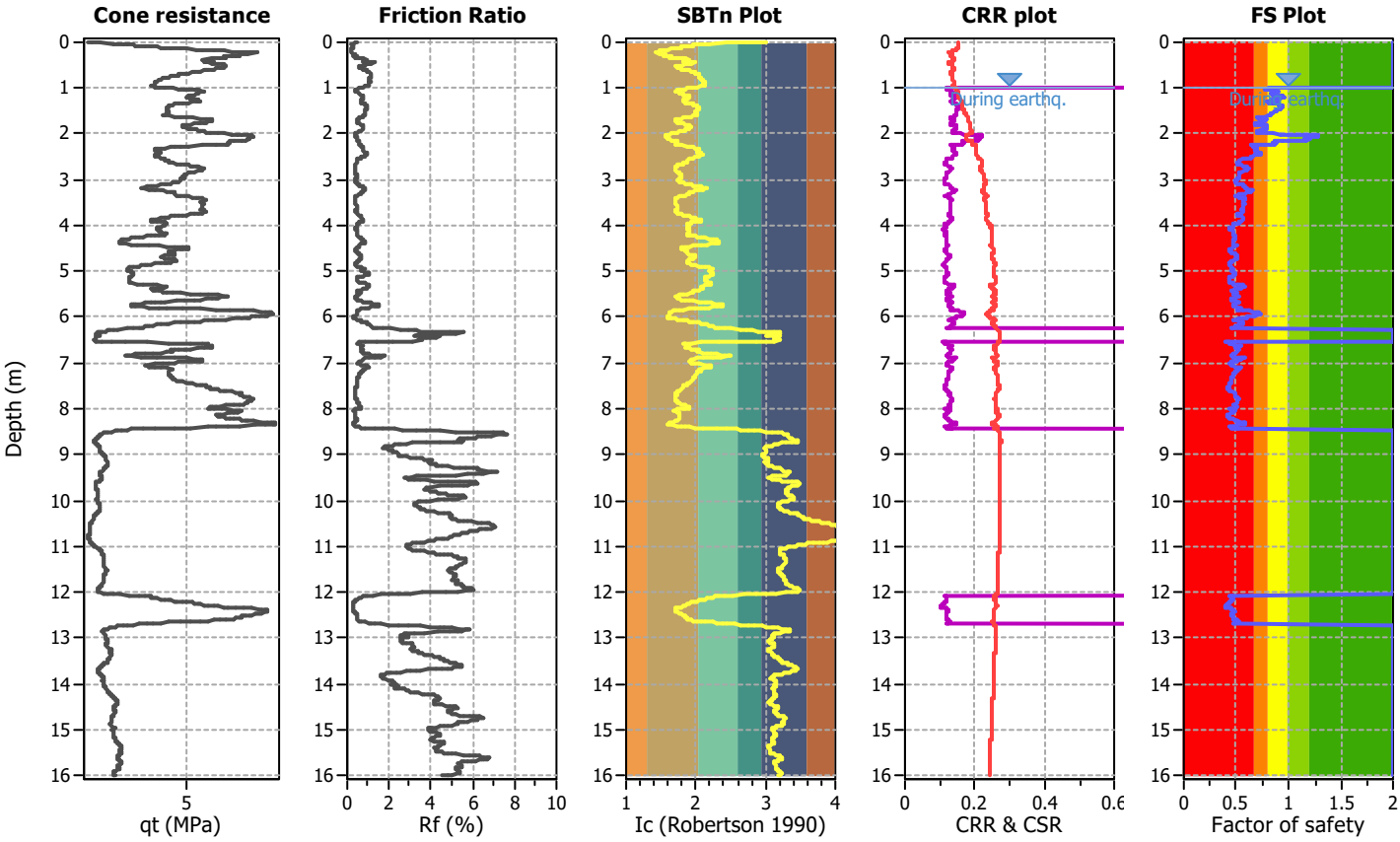
LIQUEFACTION ANALYSIS REPORT

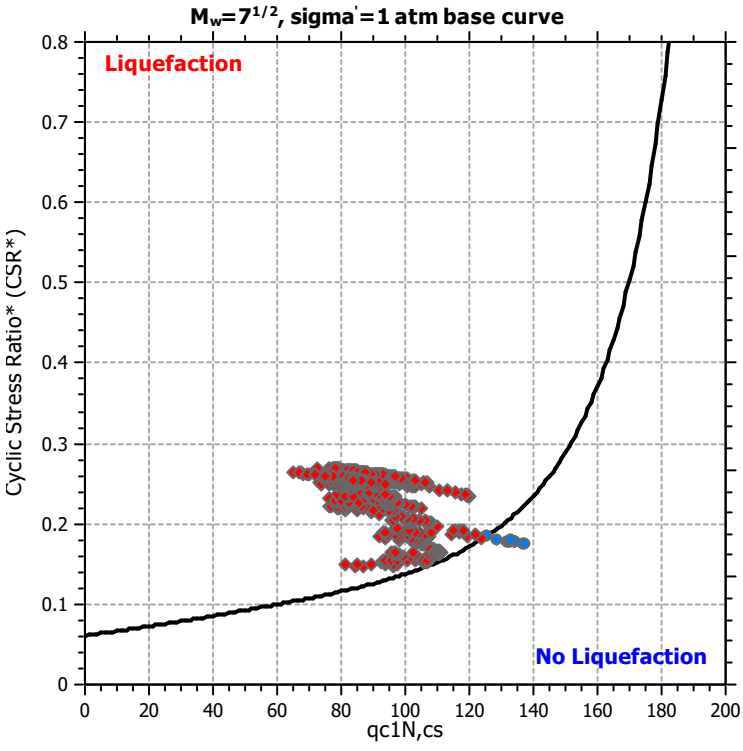
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

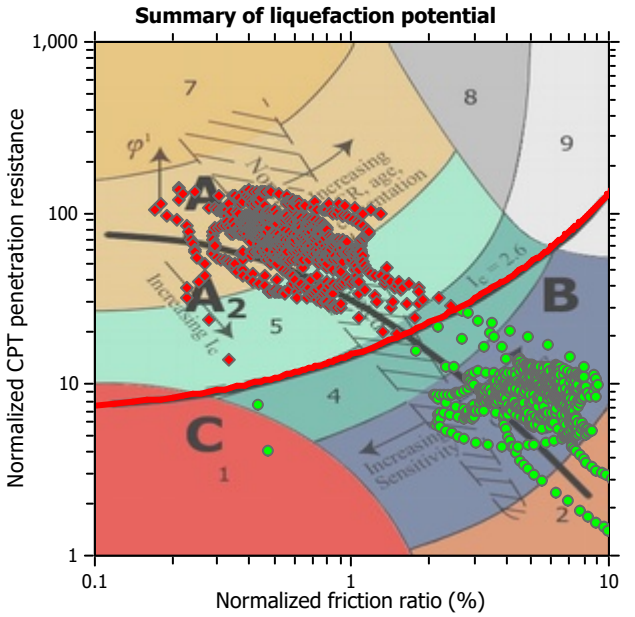
CPT file : 040008P986CPTU987

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

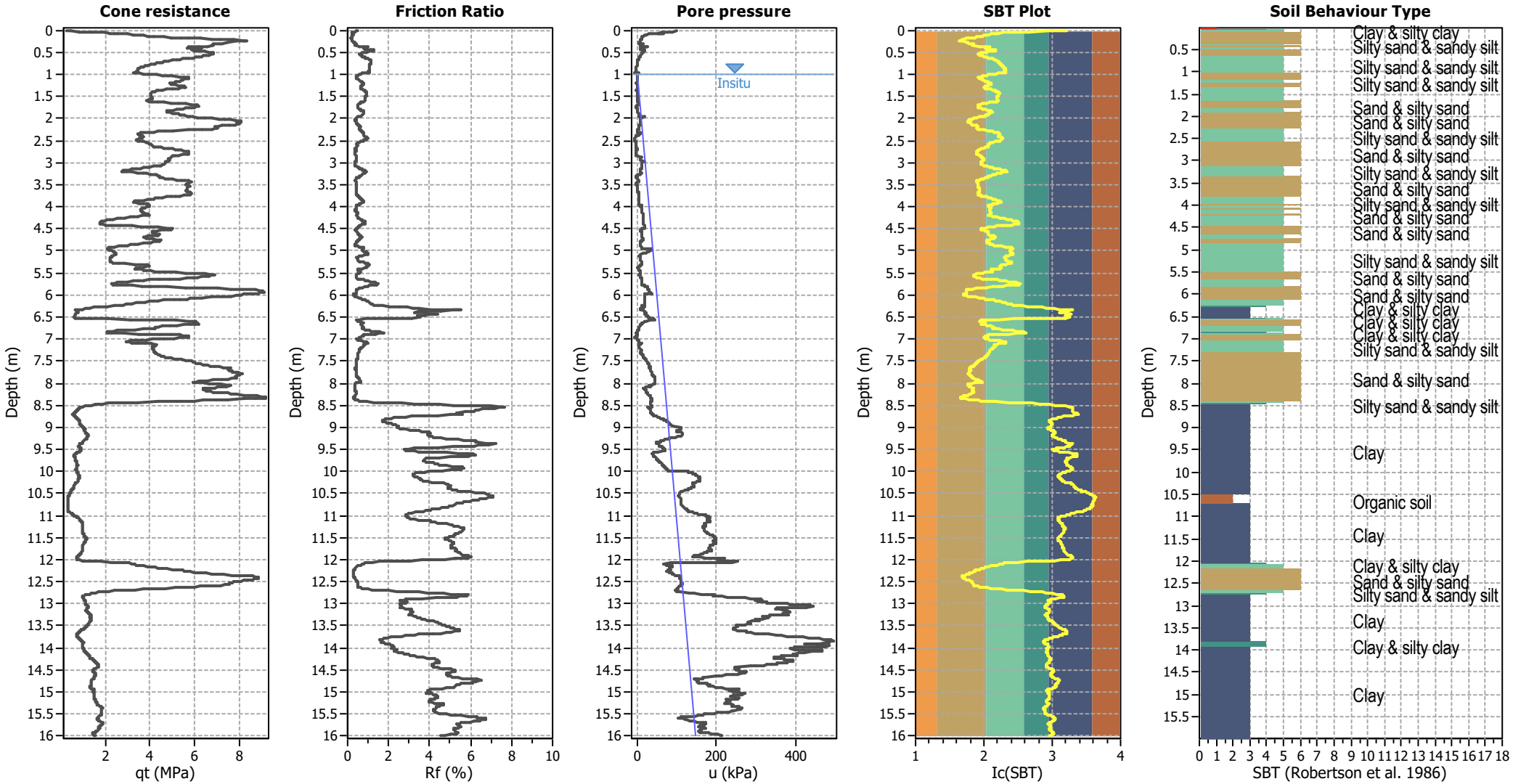






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



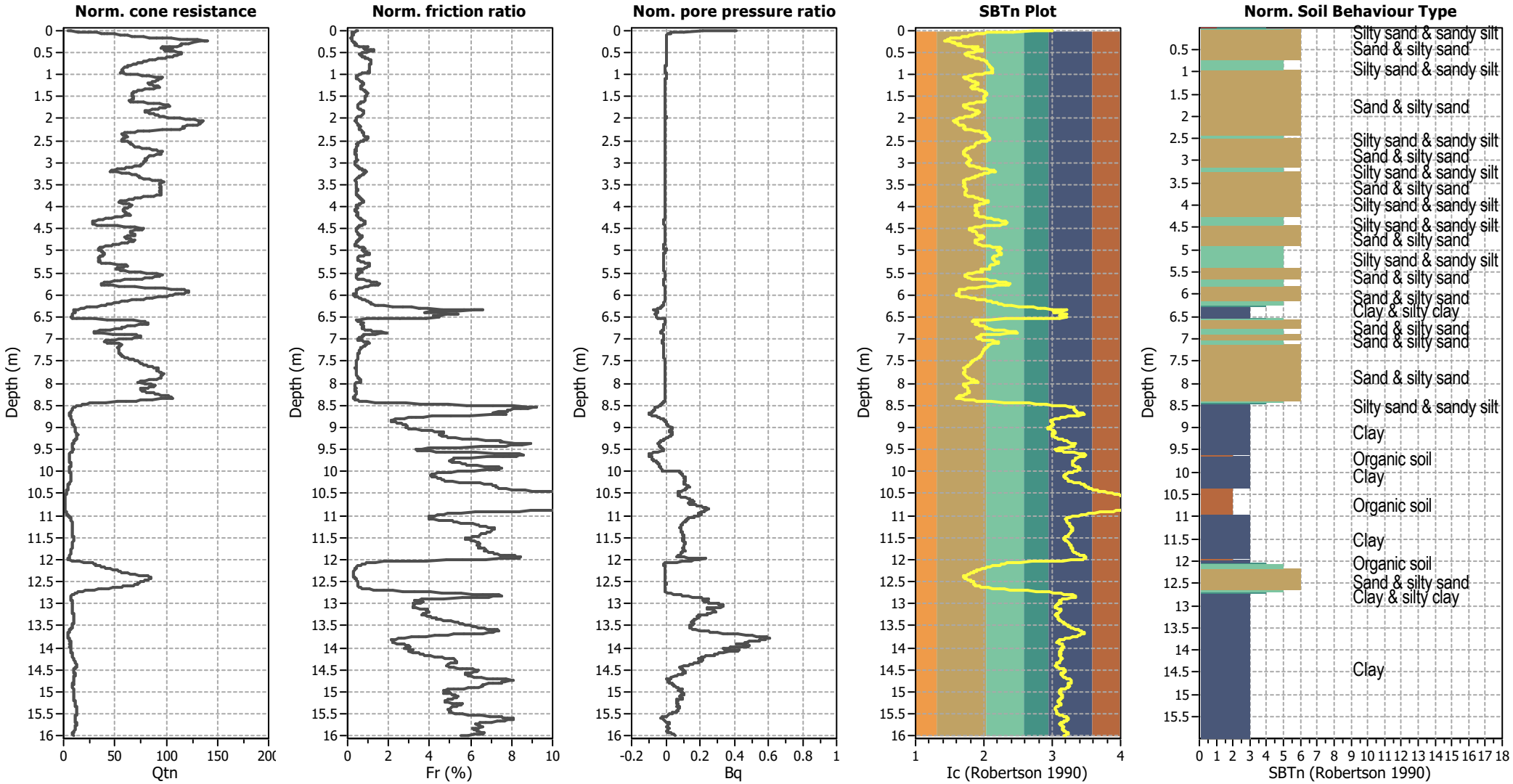
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



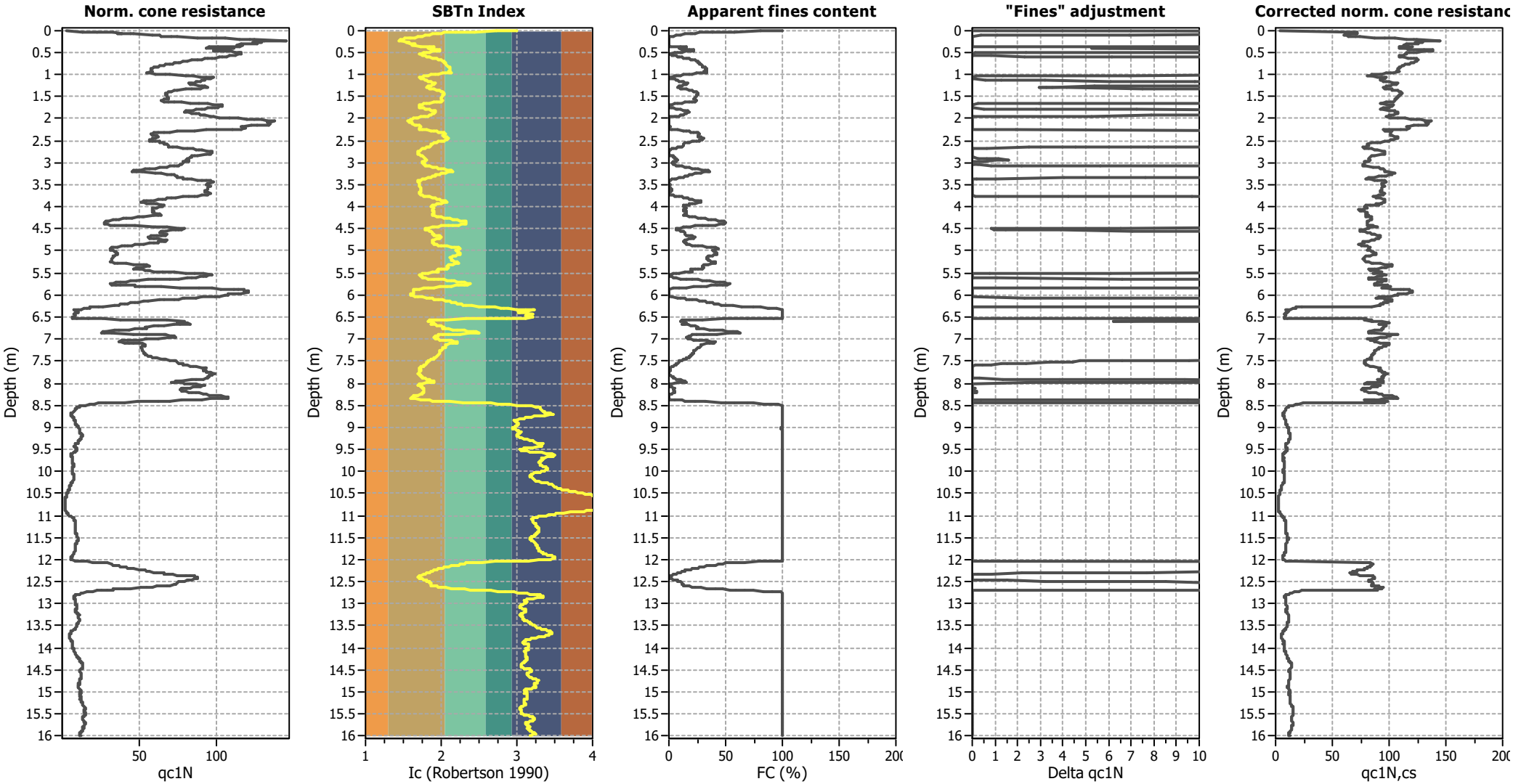
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

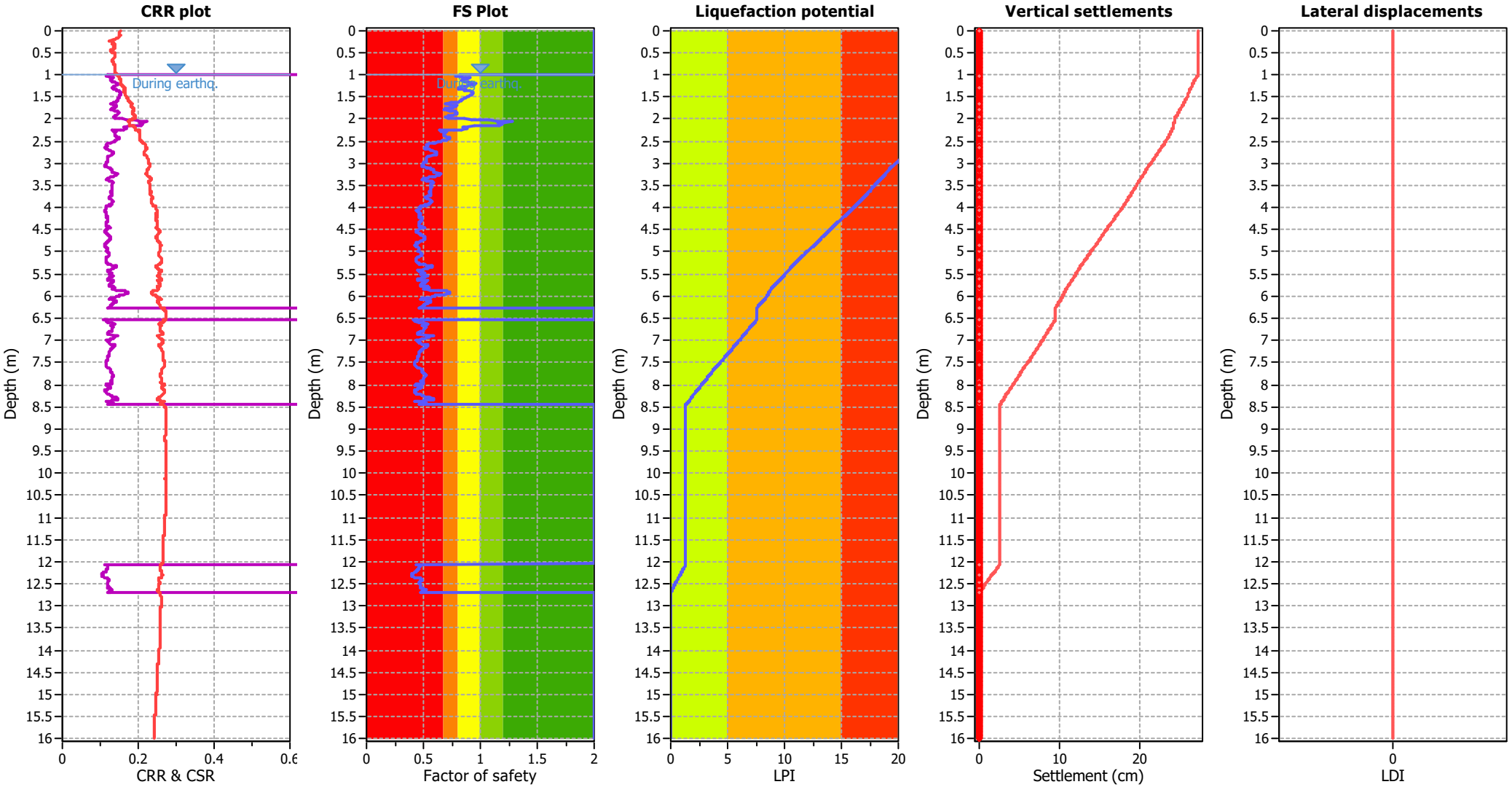
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

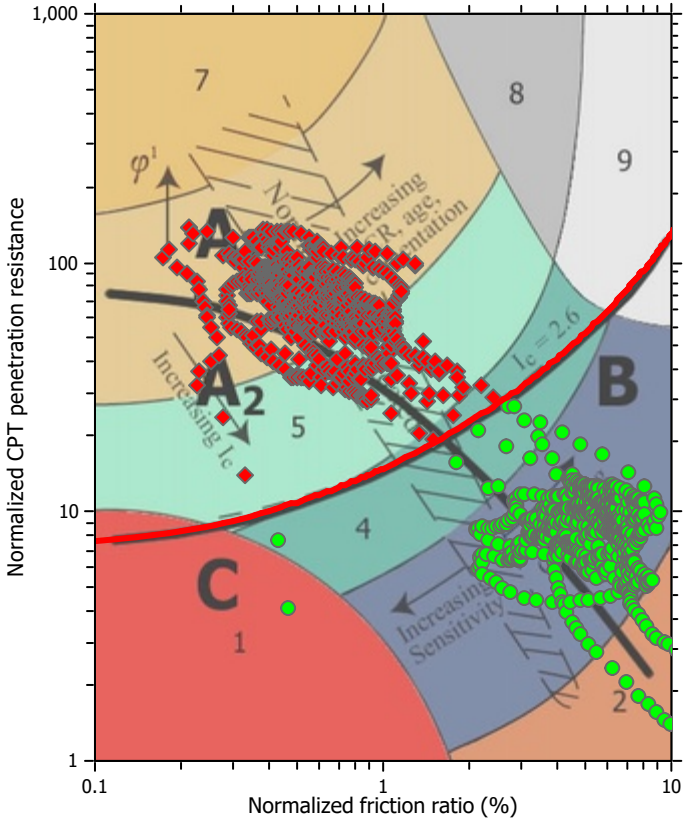
F.S. color scheme

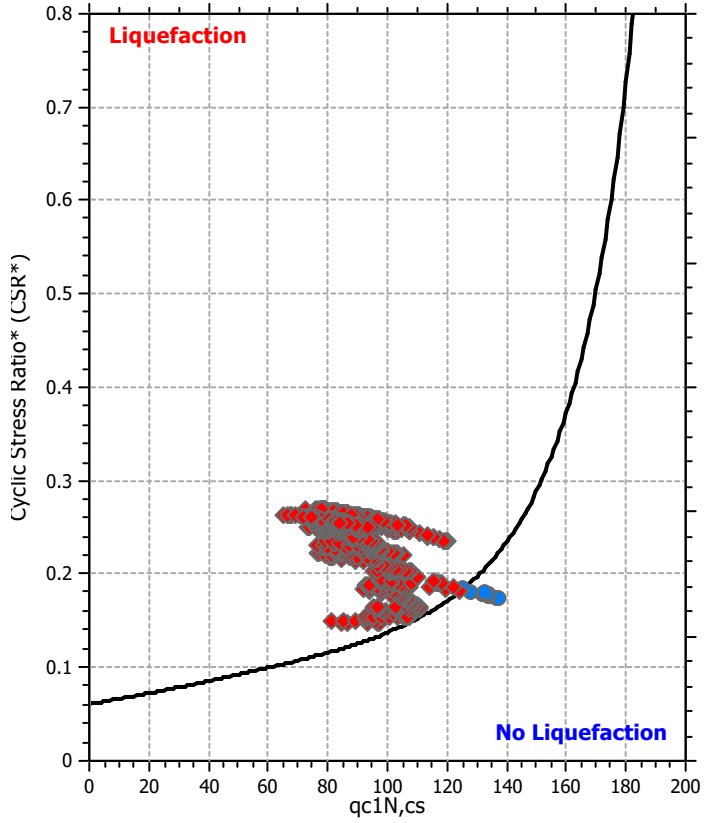
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

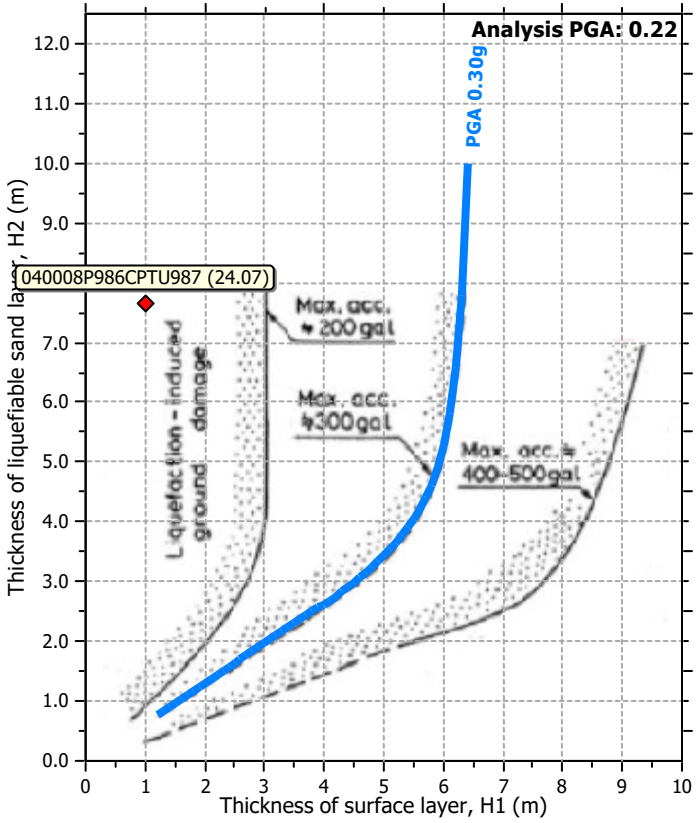
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



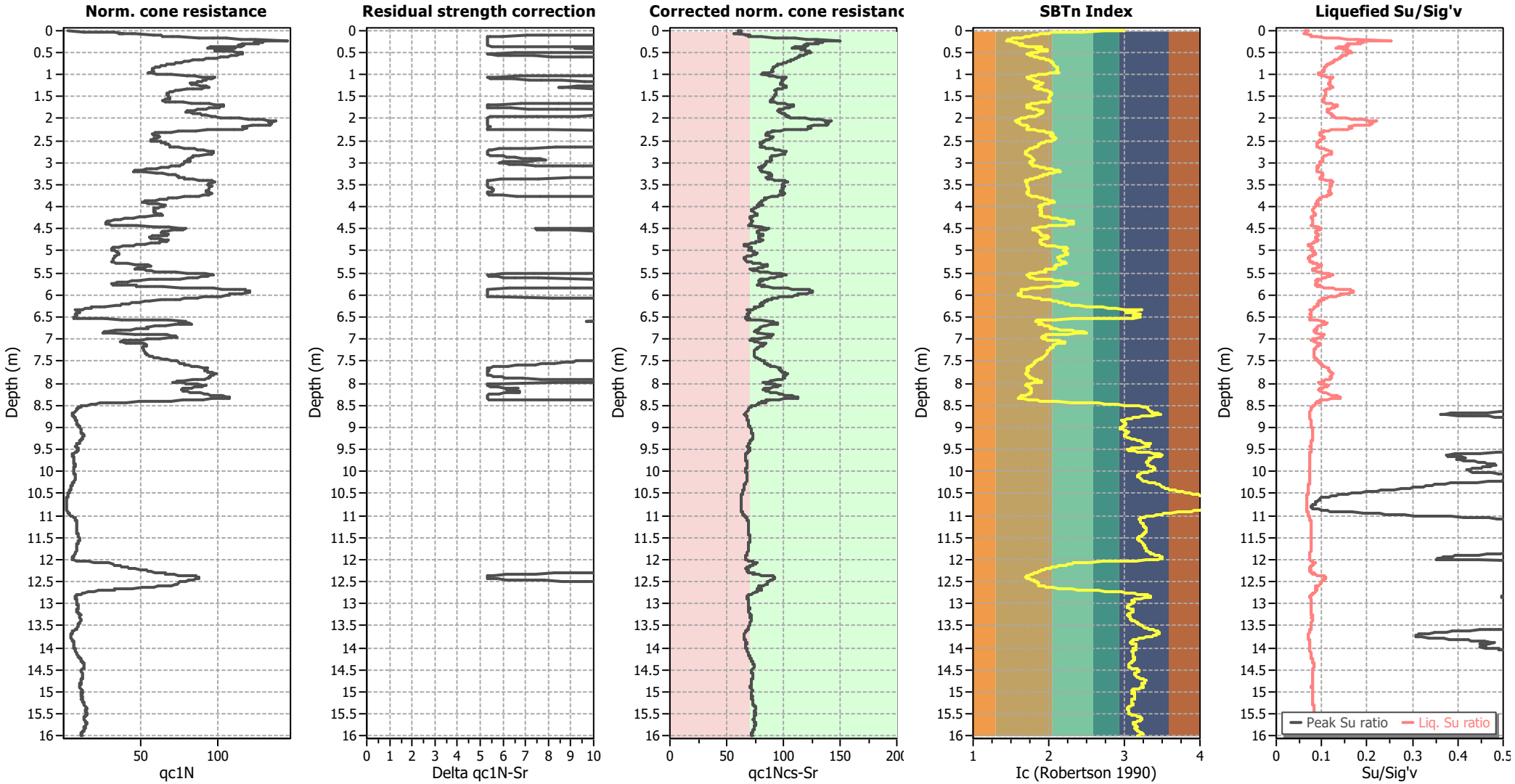




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	0.82	0.18	1.91	0.01	0.02	1.02	0.83	0.17	2.13	0.01	0.02
1.03	0.78	0.22	1.44	0.01	0.02	1.04	0.81	0.19	1.75	0.01	0.02
1.05	0.84	0.16	2.41	0.01	0.02	1.06	0.87	0.00	0.00	0.01	0.01
1.07	0.90	0.00	0.00	0.01	0.01	1.08	0.90	0.00	0.00	0.01	0.01
1.09	0.88	0.00	0.00	0.01	0.01	1.10	0.87	0.00	0.00	0.01	0.01
1.11	0.84	0.16	2.44	0.01	0.01	1.12	0.84	0.16	2.44	0.01	0.01
1.13	0.84	0.16	2.34	0.01	0.02	1.14	0.84	0.16	2.43	0.01	0.01
1.15	0.85	0.15	2.84	0.01	0.01	1.16	0.87	0.00	0.00	0.01	0.01
1.17	0.90	0.00	0.00	0.01	0.01	1.18	0.93	0.00	0.00	0.01	0.01
1.19	0.95	0.00	0.00	0.01	0.01	1.20	0.96	0.00	0.00	0.01	0.00
1.21	0.96	0.00	0.00	0.01	0.00	1.22	0.94	0.00	0.00	0.01	0.01
1.23	0.95	0.00	0.00	0.01	0.00	1.24	0.90	0.00	0.00	0.01	0.01
1.25	0.88	0.00	0.00	0.01	0.01	1.26	0.86	0.14	2.90	0.01	0.01
1.27	0.84	0.16	2.33	0.01	0.02	1.28	0.83	0.17	2.13	0.01	0.02
1.29	0.82	0.18	1.95	0.01	0.02	1.30	0.81	0.19	1.82	0.01	0.02
1.31	0.80	0.20	1.68	0.01	0.02	1.32	0.81	0.19	1.81	0.01	0.02
1.33	0.81	0.19	1.78	0.01	0.02	1.34	0.87	0.00	0.00	0.01	0.01
1.35	0.86	0.14	2.96	0.01	0.01	1.36	0.91	0.00	0.00	0.01	0.01
1.37	0.91	0.00	0.00	0.01	0.01	1.38	0.92	0.00	0.00	0.01	0.01
1.39	0.93	0.00	0.00	0.01	0.01	1.40	0.94	0.00	0.00	0.01	0.01
1.41	0.94	0.00	0.00	0.01	0.01	1.42	0.94	0.00	0.00	0.01	0.01
1.43	0.94	0.00	0.00	0.01	0.01	1.44	0.93	0.00	0.00	0.01	0.01
1.45	0.92	0.00	0.00	0.01	0.01	1.46	0.91	0.00	0.00	0.01	0.01
1.47	0.91	0.00	0.00	0.01	0.01	1.48	0.89	0.00	0.00	0.01	0.01
1.49	0.89	0.00	0.00	0.01	0.01	1.50	0.88	0.00	0.00	0.01	0.01
1.51	0.87	0.00	0.00	0.01	0.01	1.52	0.87	0.00	0.00	0.01	0.01
1.53	0.86	0.00	0.00	0.01	0.01	1.54	0.86	0.14	2.91	0.01	0.01
1.55	0.85	0.15	2.72	0.01	0.01	1.56	0.85	0.15	2.75	0.01	0.01
1.57	0.84	0.16	2.28	0.01	0.02	1.58	0.83	0.17	2.23	0.01	0.02
1.59	0.83	0.17	2.11	0.01	0.02	1.60	0.82	0.18	1.96	0.01	0.02
1.61	0.81	0.19	1.85	0.01	0.02	1.62	0.80	0.20	1.69	0.01	0.02
1.63	0.78	0.22	1.45	0.01	0.02	1.64	0.75	0.25	1.17	0.01	0.02
1.65	0.71	0.29	0.97	0.01	0.03	1.66	0.69	0.31	0.89	0.01	0.03
1.67	0.71	0.29	0.96	0.01	0.03	1.68	0.74	0.26	1.13	0.01	0.02
1.69	0.78	0.22	1.46	0.01	0.02	1.70	0.79	0.21	1.54	0.01	0.02
1.71	0.78	0.22	1.45	0.01	0.02	1.72	0.78	0.22	1.43	0.01	0.02
1.73	0.77	0.23	1.30	0.01	0.02	1.74	0.75	0.25	1.19	0.01	0.02
1.75	0.73	0.27	1.08	0.01	0.02	1.76	0.72	0.28	0.99	0.01	0.03
1.77	0.70	0.30	0.91	0.01	0.03	1.78	0.68	0.32	0.85	0.01	0.03
1.79	0.68	0.32	0.85	0.01	0.03	1.80	0.69	0.31	0.86	0.01	0.03
1.81	0.73	0.27	1.07	0.01	0.02	1.82	0.74	0.26	1.13	0.01	0.02
1.83	0.79	0.21	1.49	0.01	0.02	1.84	0.79	0.21	1.49	0.01	0.02
1.85	0.80	0.20	1.60	0.01	0.02	1.86	0.80	0.20	1.67	0.01	0.02
1.87	0.80	0.20	1.66	0.01	0.02	1.88	0.79	0.21	1.60	0.01	0.02
1.89	0.79	0.21	1.51	0.01	0.02	1.90	0.78	0.22	1.42	0.01	0.02
1.91	0.76	0.24	1.27	0.01	0.02	1.92	0.75	0.25	1.19	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.72	0.28	1.01	0.01	0.03	1.94	0.73	0.27	1.05	0.01	0.02
1.95	0.69	0.31	0.88	0.01	0.03	1.96	0.70	0.30	0.90	0.01	0.03
1.97	0.69	0.31	0.90	0.01	0.03	1.98	0.72	0.28	1.03	0.01	0.02
1.99	0.79	0.21	1.52	0.01	0.02	2.00	0.85	0.15	2.84	0.01	0.01
2.01	0.93	0.00	0.00	0.01	0.01	2.02	1.00	0.00	0.00	0.01	0.00
2.03	1.08	0.00	0.00	0.01	0.00	2.04	1.16	0.00	0.00	0.01	0.00
2.05	1.28	0.00	0.00	0.01	0.00	2.06	1.29	0.00	0.00	0.01	0.00
2.07	1.20	0.00	0.00	0.01	0.00	2.08	1.20	0.00	0.00	0.01	0.00
2.09	1.16	0.00	0.00	0.01	0.00	2.10	1.15	0.00	0.00	0.01	0.00
2.11	1.17	0.00	0.00	0.01	0.00	2.12	1.20	0.00	0.00	0.01	0.00
2.13	1.20	0.00	0.00	0.01	0.00	2.14	1.16	0.00	0.00	0.01	0.00
2.15	1.01	0.00	0.00	0.01	0.00	2.16	0.94	0.00	0.00	0.01	0.01
2.17	0.87	0.00	0.00	0.01	0.01	2.18	0.86	0.00	0.00	0.01	0.01
2.19	0.85	0.15	2.76	0.01	0.01	2.20	0.86	0.00	0.00	0.01	0.01
2.21	0.87	0.00	0.00	0.01	0.01	2.22	0.88	0.00	0.00	0.01	0.01
2.23	0.87	0.00	0.00	0.01	0.01	2.24	0.84	0.16	2.31	0.01	0.01
2.25	0.77	0.23	1.38	0.01	0.02	2.26	0.65	0.35	0.74	0.01	0.03
2.27	0.68	0.32	0.85	0.01	0.03	2.28	0.65	0.35	0.76	0.01	0.03
2.29	0.70	0.30	0.93	0.01	0.03	2.30	0.69	0.31	0.88	0.01	0.03
2.31	0.69	0.31	0.88	0.01	0.03	2.32	0.69	0.31	0.87	0.01	0.03
2.33	0.68	0.32	0.86	0.01	0.03	2.34	0.68	0.32	0.85	0.01	0.03
2.35	0.68	0.32	0.85	0.01	0.03	2.36	0.68	0.32	0.84	0.01	0.03
2.37	0.68	0.32	0.84	0.01	0.03	2.38	0.68	0.32	0.86	0.01	0.03
2.39	0.69	0.31	0.89	0.01	0.03	2.40	0.71	0.29	0.95	0.01	0.03
2.41	0.72	0.28	1.01	0.01	0.02	2.42	0.73	0.27	1.06	0.01	0.02
2.43	0.74	0.26	1.10	0.01	0.02	2.44	0.73	0.27	1.08	0.01	0.02
2.45	0.73	0.27	1.04	0.01	0.02	2.46	0.71	0.29	0.98	0.01	0.03
2.47	0.70	0.30	0.92	0.01	0.03	2.48	0.68	0.32	0.85	0.01	0.03
2.49	0.67	0.33	0.80	0.01	0.03	2.50	0.66	0.34	0.77	0.01	0.03
2.51	0.65	0.35	0.75	0.01	0.03	2.52	0.63	0.37	0.71	0.01	0.03
2.53	0.63	0.37	0.70	0.01	0.03	2.54	0.60	0.40	0.63	0.01	0.03
2.55	0.58	0.42	0.60	0.01	0.04	2.56	0.56	0.44	0.56	0.01	0.04
2.57	0.54	0.46	0.53	0.01	0.04	2.58	0.53	0.47	0.52	0.01	0.04
2.59	0.53	0.47	0.52	0.01	0.04	2.60	0.54	0.46	0.52	0.01	0.04
2.61	0.54	0.46	0.53	0.01	0.04	2.62	0.53	0.47	0.52	0.01	0.04
2.63	0.52	0.48	0.51	0.01	0.04	2.64	0.52	0.48	0.51	0.01	0.04
2.65	0.51	0.49	0.49	0.01	0.04	2.66	0.51	0.49	0.49	0.01	0.04
2.67	0.52	0.48	0.50	0.01	0.04	2.68	0.53	0.47	0.52	0.01	0.04
2.69	0.55	0.45	0.54	0.01	0.04	2.70	0.56	0.44	0.56	0.01	0.04
2.71	0.57	0.43	0.58	0.01	0.04	2.72	0.58	0.42	0.59	0.01	0.04
2.73	0.60	0.40	0.64	0.01	0.03	2.74	0.61	0.39	0.66	0.01	0.03
2.75	0.62	0.38	0.67	0.01	0.03	2.76	0.62	0.38	0.67	0.01	0.03
2.77	0.62	0.38	0.66	0.01	0.03	2.78	0.61	0.39	0.66	0.01	0.03
2.79	0.61	0.39	0.66	0.01	0.03	2.80	0.61	0.39	0.65	0.01	0.03
2.81	0.60	0.40	0.64	0.01	0.03	2.82	0.59	0.41	0.61	0.01	0.04
2.83	0.56	0.44	0.55	0.01	0.04	2.84	0.55	0.45	0.54	0.01	0.04
2.85	0.54	0.46	0.53	0.01	0.04	2.86	0.54	0.46	0.52	0.01	0.04
2.87	0.53	0.47	0.52	0.01	0.04	2.88	0.53	0.47	0.51	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.53	0.47	0.51	0.01	0.04	2.90	0.52	0.48	0.51	0.01	0.04
2.91	0.52	0.48	0.51	0.01	0.04	2.92	0.52	0.48	0.50	0.01	0.04
2.93	0.52	0.48	0.50	0.01	0.04	2.94	0.52	0.48	0.50	0.01	0.04
2.95	0.52	0.48	0.51	0.01	0.04	2.96	0.52	0.48	0.51	0.01	0.04
2.97	0.50	0.50	0.48	0.01	0.04	2.98	0.50	0.50	0.48	0.01	0.04
2.99	0.51	0.49	0.49	0.01	0.04	3.00	0.50	0.50	0.48	0.01	0.04
3.01	0.50	0.50	0.48	0.01	0.04	3.02	0.50	0.50	0.48	0.01	0.04
3.03	0.50	0.50	0.47	0.01	0.04	3.04	0.50	0.50	0.47	0.01	0.04
3.05	0.49	0.51	0.47	0.01	0.04	3.06	0.49	0.51	0.47	0.01	0.04
3.07	0.49	0.51	0.47	0.01	0.04	3.08	0.50	0.50	0.48	0.01	0.04
3.09	0.50	0.50	0.48	0.01	0.04	3.10	0.53	0.47	0.52	0.01	0.04
3.11	0.53	0.47	0.52	0.01	0.04	3.12	0.56	0.44	0.56	0.01	0.04
3.13	0.57	0.43	0.57	0.01	0.04	3.14	0.58	0.42	0.59	0.01	0.04
3.15	0.59	0.41	0.60	0.01	0.03	3.16	0.59	0.41	0.61	0.01	0.03
3.17	0.59	0.41	0.61	0.01	0.03	3.18	0.59	0.41	0.61	0.01	0.03
3.19	0.59	0.41	0.61	0.01	0.03	3.20	0.59	0.41	0.60	0.01	0.03
3.21	0.60	0.40	0.64	0.01	0.03	3.22	0.60	0.40	0.64	0.01	0.03
3.23	0.66	0.34	0.77	0.01	0.03	3.24	0.63	0.37	0.69	0.01	0.03
3.25	0.64	0.36	0.72	0.01	0.03	3.26	0.64	0.36	0.71	0.01	0.03
3.27	0.63	0.37	0.69	0.01	0.03	3.28	0.61	0.39	0.66	0.01	0.03
3.29	0.60	0.40	0.63	0.01	0.03	3.30	0.59	0.41	0.60	0.01	0.03
3.31	0.57	0.43	0.58	0.01	0.04	3.32	0.55	0.45	0.55	0.01	0.04
3.33	0.53	0.47	0.52	0.01	0.04	3.34	0.51	0.49	0.48	0.01	0.04
3.35	0.50	0.50	0.48	0.01	0.04	3.36	0.49	0.51	0.46	0.01	0.04
3.37	0.50	0.50	0.48	0.01	0.04	3.38	0.51	0.49	0.49	0.01	0.04
3.39	0.53	0.47	0.52	0.01	0.04	3.40	0.55	0.45	0.54	0.01	0.04
3.41	0.56	0.44	0.57	0.01	0.04	3.42	0.58	0.42	0.59	0.01	0.03
3.43	0.59	0.41	0.61	0.01	0.03	3.44	0.59	0.41	0.62	0.01	0.03
3.45	0.59	0.41	0.61	0.01	0.03	3.46	0.57	0.43	0.58	0.01	0.04
3.47	0.57	0.43	0.58	0.01	0.04	3.48	0.57	0.43	0.57	0.01	0.04
3.49	0.56	0.44	0.56	0.01	0.04	3.50	0.56	0.44	0.56	0.01	0.04
3.51	0.56	0.44	0.57	0.01	0.04	3.52	0.57	0.43	0.57	0.01	0.04
3.53	0.58	0.42	0.59	0.01	0.03	3.54	0.58	0.42	0.59	0.01	0.03
3.55	0.57	0.43	0.58	0.01	0.04	3.56	0.56	0.44	0.56	0.01	0.04
3.57	0.56	0.44	0.56	0.01	0.04	3.58	0.56	0.44	0.56	0.01	0.04
3.59	0.56	0.44	0.56	0.01	0.04	3.60	0.56	0.44	0.56	0.01	0.04
3.61	0.56	0.44	0.56	0.01	0.04	3.62	0.56	0.44	0.56	0.01	0.04
3.63	0.56	0.44	0.56	0.01	0.04	3.64	0.55	0.45	0.55	0.01	0.04
3.65	0.55	0.45	0.55	0.01	0.04	3.66	0.55	0.45	0.54	0.01	0.04
3.67	0.55	0.45	0.55	0.01	0.04	3.68	0.56	0.44	0.56	0.01	0.04
3.69	0.57	0.43	0.58	0.01	0.04	3.70	0.57	0.43	0.57	0.01	0.04
3.71	0.57	0.43	0.57	0.01	0.04	3.72	0.56	0.44	0.56	0.01	0.04
3.73	0.55	0.45	0.54	0.01	0.04	3.74	0.54	0.46	0.52	0.01	0.04
3.75	0.52	0.48	0.50	0.01	0.04	3.76	0.51	0.49	0.49	0.01	0.04
3.77	0.51	0.49	0.49	0.01	0.04	3.78	0.52	0.48	0.50	0.01	0.04
3.79	0.52	0.48	0.51	0.01	0.04	3.80	0.54	0.46	0.54	0.01	0.04
3.81	0.54	0.46	0.53	0.01	0.04	3.82	0.56	0.44	0.56	0.01	0.04
3.83	0.56	0.44	0.56	0.01	0.04	3.84	0.57	0.43	0.57	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.57	0.43	0.58	0.01	0.03	3.86	0.57	0.43	0.58	0.01	0.03
3.87	0.57	0.43	0.57	0.01	0.03	3.88	0.57	0.43	0.57	0.01	0.03
3.89	0.56	0.44	0.57	0.01	0.04	3.90	0.56	0.44	0.55	0.01	0.04
3.91	0.56	0.44	0.55	0.01	0.04	3.92	0.54	0.46	0.53	0.01	0.04
3.93	0.55	0.45	0.54	0.01	0.04	3.94	0.52	0.48	0.50	0.01	0.04
3.95	0.53	0.47	0.51	0.01	0.04	3.96	0.52	0.48	0.50	0.01	0.04
3.97	0.49	0.51	0.47	0.01	0.04	3.98	0.47	0.53	0.44	0.01	0.04
3.99	0.47	0.53	0.45	0.01	0.04	4.00	0.47	0.53	0.44	0.01	0.04
4.01	0.47	0.53	0.45	0.01	0.04	4.02	0.47	0.53	0.45	0.01	0.04
4.03	0.47	0.53	0.45	0.01	0.04	4.04	0.47	0.53	0.44	0.01	0.04
4.05	0.45	0.55	0.43	0.01	0.04	4.06	0.44	0.56	0.42	0.01	0.04
4.07	0.44	0.56	0.42	0.01	0.04	4.08	0.44	0.56	0.42	0.01	0.04
4.09	0.45	0.55	0.43	0.01	0.04	4.10	0.46	0.54	0.43	0.01	0.04
4.11	0.46	0.54	0.44	0.01	0.04	4.12	0.46	0.54	0.44	0.01	0.04
4.13	0.47	0.53	0.44	0.01	0.04	4.14	0.47	0.53	0.45	0.01	0.04
4.15	0.47	0.53	0.45	0.01	0.04	4.16	0.47	0.53	0.45	0.01	0.04
4.17	0.47	0.53	0.44	0.01	0.04	4.18	0.46	0.54	0.44	0.01	0.04
4.19	0.46	0.54	0.44	0.01	0.04	4.20	0.46	0.54	0.44	0.01	0.04
4.21	0.47	0.53	0.45	0.01	0.04	4.22	0.46	0.54	0.44	0.01	0.04
4.23	0.49	0.51	0.46	0.01	0.04	4.24	0.48	0.52	0.46	0.01	0.04
4.25	0.49	0.51	0.46	0.01	0.04	4.26	0.49	0.51	0.46	0.01	0.04
4.27	0.49	0.51	0.46	0.01	0.04	4.28	0.48	0.52	0.46	0.01	0.04
4.29	0.48	0.52	0.46	0.01	0.04	4.30	0.48	0.52	0.46	0.01	0.04
4.31	0.47	0.53	0.45	0.01	0.04	4.32	0.47	0.53	0.45	0.01	0.04
4.33	0.47	0.53	0.44	0.01	0.04	4.34	0.47	0.53	0.44	0.01	0.04
4.35	0.47	0.53	0.44	0.01	0.04	4.36	0.46	0.54	0.44	0.01	0.04
4.37	0.46	0.54	0.44	0.01	0.04	4.38	0.46	0.54	0.44	0.01	0.04
4.39	0.46	0.54	0.44	0.01	0.04	4.40	0.47	0.53	0.44	0.01	0.04
4.41	0.47	0.53	0.44	0.01	0.04	4.42	0.46	0.54	0.44	0.01	0.04
4.43	0.49	0.51	0.46	0.01	0.04	4.44	0.47	0.53	0.45	0.01	0.04
4.45	0.51	0.49	0.49	0.01	0.04	4.46	0.47	0.53	0.45	0.01	0.04
4.47	0.48	0.52	0.45	0.01	0.04	4.48	0.47	0.53	0.44	0.01	0.04
4.49	0.47	0.53	0.44	0.01	0.04	4.50	0.46	0.54	0.44	0.01	0.04
4.51	0.45	0.55	0.43	0.01	0.04	4.52	0.44	0.56	0.42	0.01	0.04
4.53	0.44	0.56	0.42	0.01	0.04	4.54	0.43	0.57	0.41	0.01	0.04
4.55	0.43	0.57	0.41	0.01	0.04	4.56	0.44	0.56	0.42	0.01	0.04
4.57	0.45	0.55	0.43	0.01	0.04	4.58	0.46	0.54	0.43	0.01	0.04
4.59	0.46	0.54	0.44	0.01	0.04	4.60	0.47	0.53	0.45	0.01	0.04
4.61	0.48	0.52	0.45	0.01	0.04	4.62	0.48	0.52	0.46	0.01	0.04
4.63	0.49	0.51	0.47	0.01	0.04	4.64	0.50	0.50	0.48	0.01	0.04
4.65	0.51	0.49	0.49	0.01	0.04	4.66	0.52	0.48	0.50	0.01	0.04
4.67	0.51	0.49	0.49	0.01	0.04	4.68	0.52	0.48	0.50	0.01	0.04
4.69	0.52	0.48	0.50	0.01	0.04	4.70	0.51	0.49	0.49	0.01	0.04
4.71	0.51	0.49	0.49	0.01	0.04	4.72	0.50	0.50	0.48	0.01	0.04
4.73	0.50	0.50	0.47	0.01	0.04	4.74	0.49	0.51	0.47	0.01	0.04
4.75	0.48	0.52	0.46	0.01	0.04	4.76	0.48	0.52	0.46	0.01	0.04
4.77	0.48	0.52	0.45	0.01	0.04	4.78	0.46	0.54	0.44	0.01	0.04
4.79	0.46	0.54	0.43	0.01	0.04	4.80	0.44	0.56	0.42	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.45	0.55	0.42	0.01	0.04	4.82	0.44	0.56	0.42	0.01	0.04
4.83	0.44	0.56	0.42	0.01	0.04	4.84	0.43	0.57	0.41	0.01	0.04
4.85	0.42	0.58	0.41	0.01	0.04	4.86	0.43	0.57	0.41	0.01	0.04
4.87	0.43	0.57	0.41	0.01	0.04	4.88	0.44	0.56	0.42	0.01	0.04
4.89	0.45	0.55	0.43	0.01	0.04	4.90	0.45	0.55	0.43	0.01	0.04
4.91	0.46	0.54	0.44	0.01	0.04	4.92	0.46	0.54	0.43	0.01	0.04
4.93	0.46	0.54	0.44	0.01	0.04	4.94	0.46	0.54	0.44	0.01	0.04
4.95	0.46	0.54	0.44	0.01	0.04	4.96	0.46	0.54	0.43	0.01	0.04
4.97	0.45	0.55	0.43	0.01	0.04	4.98	0.46	0.54	0.44	0.01	0.04
4.99	0.46	0.54	0.44	0.01	0.04	5.00	0.46	0.54	0.44	0.01	0.04
5.01	0.47	0.53	0.45	0.01	0.04	5.02	0.47	0.53	0.45	0.01	0.04
5.03	0.48	0.52	0.45	0.01	0.04	5.04	0.48	0.52	0.46	0.01	0.04
5.05	0.49	0.51	0.46	0.01	0.04	5.06	0.49	0.51	0.47	0.01	0.04
5.07	0.49	0.51	0.46	0.01	0.04	5.08	0.48	0.52	0.46	0.01	0.04
5.09	0.48	0.52	0.46	0.01	0.04	5.10	0.47	0.53	0.45	0.01	0.04
5.11	0.46	0.54	0.44	0.01	0.04	5.12	0.45	0.55	0.43	0.01	0.04
5.13	0.45	0.55	0.42	0.01	0.04	5.14	0.44	0.56	0.42	0.01	0.04
5.15	0.44	0.56	0.42	0.01	0.04	5.16	0.44	0.56	0.42	0.01	0.04
5.17	0.43	0.57	0.41	0.01	0.04	5.18	0.44	0.56	0.42	0.01	0.04
5.19	0.44	0.56	0.42	0.01	0.04	5.20	0.44	0.56	0.42	0.01	0.04
5.21	0.44	0.56	0.42	0.01	0.04	5.22	0.44	0.56	0.42	0.01	0.04
5.23	0.44	0.56	0.42	0.01	0.04	5.24	0.44	0.56	0.42	0.01	0.04
5.25	0.45	0.55	0.43	0.01	0.04	5.26	0.46	0.54	0.43	0.01	0.04
5.27	0.47	0.53	0.44	0.01	0.04	5.28	0.47	0.53	0.45	0.01	0.04
5.29	0.51	0.49	0.49	0.01	0.04	5.30	0.53	0.47	0.51	0.01	0.03
5.31	0.57	0.43	0.58	0.01	0.03	5.32	0.56	0.44	0.56	0.01	0.03
5.33	0.57	0.43	0.58	0.01	0.03	5.34	0.58	0.42	0.59	0.01	0.03
5.35	0.57	0.43	0.57	0.01	0.03	5.36	0.55	0.45	0.55	0.01	0.03
5.37	0.54	0.46	0.53	0.01	0.03	5.38	0.53	0.47	0.52	0.01	0.03
5.39	0.51	0.49	0.49	0.01	0.04	5.40	0.49	0.51	0.47	0.01	0.04
5.41	0.47	0.53	0.45	0.01	0.04	5.42	0.48	0.52	0.45	0.01	0.04
5.43	0.45	0.55	0.43	0.01	0.04	5.44	0.46	0.54	0.43	0.01	0.04
5.45	0.47	0.53	0.44	0.01	0.04	5.46	0.48	0.52	0.46	0.01	0.04
5.47	0.50	0.50	0.48	0.01	0.04	5.48	0.51	0.49	0.49	0.01	0.04
5.49	0.49	0.51	0.47	0.01	0.04	5.50	0.47	0.53	0.45	0.01	0.04
5.51	0.47	0.53	0.45	0.01	0.04	5.52	0.50	0.50	0.47	0.01	0.04
5.53	0.53	0.47	0.51	0.01	0.03	5.54	0.53	0.47	0.52	0.01	0.03
5.55	0.52	0.48	0.50	0.01	0.03	5.56	0.52	0.48	0.50	0.01	0.03
5.57	0.51	0.49	0.49	0.01	0.04	5.58	0.50	0.50	0.48	0.01	0.04
5.59	0.49	0.51	0.46	0.01	0.04	5.60	0.47	0.53	0.45	0.01	0.04
5.61	0.46	0.54	0.44	0.01	0.04	5.62	0.45	0.55	0.43	0.01	0.04
5.63	0.45	0.55	0.43	0.01	0.04	5.64	0.49	0.51	0.47	0.01	0.04
5.65	0.50	0.50	0.48	0.01	0.04	5.66	0.53	0.47	0.52	0.01	0.03
5.67	0.51	0.49	0.49	0.01	0.04	5.68	0.53	0.47	0.52	0.01	0.03
5.69	0.52	0.48	0.50	0.01	0.03	5.70	0.51	0.49	0.49	0.01	0.04
5.71	0.50	0.50	0.48	0.01	0.04	5.72	0.49	0.51	0.47	0.01	0.04
5.73	0.48	0.52	0.46	0.01	0.04	5.74	0.48	0.52	0.45	0.01	0.04
5.75	0.47	0.53	0.45	0.01	0.04	5.76	0.47	0.53	0.45	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.48	0.52	0.46	0.01	0.04	5.78	0.49	0.51	0.46	0.01	0.04
5.79	0.54	0.46	0.53	0.01	0.03	5.80	0.52	0.48	0.50	0.01	0.03
5.81	0.54	0.46	0.53	0.01	0.03	5.82	0.55	0.45	0.55	0.01	0.03
5.83	0.53	0.47	0.52	0.01	0.03	5.84	0.51	0.49	0.49	0.01	0.03
5.85	0.53	0.47	0.51	0.01	0.03	5.86	0.56	0.44	0.57	0.01	0.03
5.87	0.63	0.37	0.70	0.01	0.03	5.88	0.66	0.34	0.77	0.01	0.02
5.89	0.70	0.30	0.92	0.01	0.02	5.90	0.70	0.30	0.92	0.01	0.02
5.91	0.72	0.28	1.01	0.01	0.02	5.92	0.73	0.27	1.07	0.01	0.02
5.93	0.73	0.27	1.07	0.01	0.02	5.94	0.72	0.28	1.03	0.01	0.02
5.95	0.72	0.28	0.99	0.01	0.02	5.96	0.68	0.32	0.83	0.01	0.02
5.97	0.68	0.32	0.83	0.01	0.02	5.98	0.66	0.34	0.76	0.01	0.02
5.99	0.60	0.40	0.64	0.01	0.03	6.00	0.60	0.40	0.64	0.01	0.03
6.01	0.60	0.40	0.64	0.01	0.03	6.02	0.58	0.42	0.60	0.01	0.03
6.03	0.56	0.44	0.56	0.01	0.03	6.04	0.53	0.47	0.52	0.01	0.03
6.05	0.49	0.51	0.47	0.01	0.04	6.06	0.48	0.52	0.46	0.01	0.04
6.07	0.48	0.52	0.45	0.01	0.04	6.08	0.52	0.48	0.50	0.01	0.03
6.09	0.52	0.48	0.51	0.01	0.03	6.10	0.55	0.45	0.54	0.01	0.03
6.11	0.54	0.46	0.53	0.01	0.03	6.12	0.56	0.44	0.57	0.01	0.03
6.13	0.54	0.46	0.53	0.01	0.03	6.14	0.56	0.44	0.56	0.01	0.03
6.15	0.55	0.45	0.54	0.01	0.03	6.16	0.54	0.46	0.53	0.01	0.03
6.17	0.53	0.47	0.52	0.01	0.03	6.18	0.52	0.48	0.50	0.01	0.03
6.19	0.51	0.49	0.49	0.01	0.03	6.20	0.50	0.50	0.48	0.01	0.03
6.21	0.50	0.50	0.48	0.01	0.03	6.22	0.49	0.51	0.47	0.01	0.03
6.23	0.49	0.51	0.47	0.01	0.04	6.24	0.50	0.50	0.48	0.01	0.03
6.25	0.49	0.51	0.47	0.01	0.04	6.26	0.46	0.54	0.43	0.01	0.04
6.27	2.00	0.00	0.00	0.01	0.00	6.28	2.00	0.00	0.00	0.01	0.00
6.29	2.00	0.00	0.00	0.01	0.00	6.30	2.00	0.00	0.00	0.01	0.00
6.31	2.00	0.00	0.00	0.01	0.00	6.32	2.00	0.00	0.00	0.01	0.00
6.33	2.00	0.00	0.00	0.01	0.00	6.34	2.00	0.00	0.00	0.01	0.00
6.35	2.00	0.00	0.00	0.01	0.00	6.36	2.00	0.00	0.00	0.01	0.00
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	2.00	0.00	0.00	0.01	0.00	6.40	2.00	0.00	0.00	0.01	0.00
6.41	2.00	0.00	0.00	0.01	0.00	6.42	2.00	0.00	0.00	0.01	0.00
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	0.41	0.59	0.39	0.01	0.04
6.55	0.43	0.57	0.41	0.01	0.04	6.56	0.44	0.56	0.42	0.01	0.04
6.57	0.46	0.54	0.43	0.01	0.04	6.58	0.43	0.57	0.41	0.01	0.04
6.59	0.46	0.54	0.43	0.01	0.04	6.60	0.46	0.54	0.44	0.01	0.04
6.61	0.50	0.50	0.48	0.01	0.03	6.62	0.54	0.46	0.53	0.01	0.03
6.63	0.53	0.47	0.51	0.01	0.03	6.64	0.54	0.46	0.53	0.01	0.03
6.65	0.51	0.49	0.49	0.01	0.03	6.66	0.48	0.52	0.46	0.01	0.03
6.67	0.51	0.49	0.49	0.01	0.03	6.68	0.51	0.49	0.50	0.01	0.03
6.69	0.51	0.49	0.50	0.01	0.03	6.70	0.52	0.48	0.50	0.01	0.03
6.71	0.52	0.48	0.51	0.01	0.03	6.72	0.51	0.49	0.49	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.51	0.49	0.49	0.01	0.03	6.74	0.51	0.49	0.49	0.01	0.03
6.75	0.50	0.50	0.48	0.01	0.03	6.76	0.50	0.50	0.48	0.01	0.03
6.77	0.50	0.50	0.48	0.01	0.03	6.78	0.50	0.50	0.48	0.01	0.03
6.79	0.50	0.50	0.48	0.01	0.03	6.80	0.47	0.53	0.45	0.01	0.04
6.81	0.47	0.53	0.45	0.01	0.03	6.82	0.45	0.55	0.42	0.01	0.04
6.83	0.45	0.55	0.43	0.01	0.04	6.84	0.44	0.56	0.42	0.01	0.04
6.85	0.44	0.56	0.42	0.01	0.04	6.86	0.46	0.54	0.43	0.01	0.04
6.87	0.47	0.53	0.44	0.01	0.03	6.88	0.55	0.45	0.54	0.01	0.03
6.89	0.56	0.44	0.56	0.01	0.03	6.90	0.59	0.41	0.61	0.01	0.03
6.91	0.53	0.47	0.52	0.01	0.03	6.92	0.55	0.45	0.54	0.01	0.03
6.93	0.54	0.46	0.53	0.01	0.03	6.94	0.53	0.47	0.52	0.01	0.03
6.95	0.52	0.48	0.50	0.01	0.03	6.96	0.50	0.50	0.48	0.01	0.03
6.97	0.49	0.51	0.47	0.01	0.03	6.98	0.46	0.54	0.44	0.01	0.04
6.99	0.48	0.52	0.45	0.01	0.03	7.00	0.44	0.56	0.42	0.01	0.04
7.01	0.45	0.55	0.43	0.01	0.04	7.02	0.45	0.55	0.43	0.01	0.04
7.03	0.45	0.55	0.43	0.01	0.04	7.04	0.46	0.54	0.44	0.01	0.03
7.05	0.46	0.54	0.44	0.01	0.03	7.06	0.47	0.53	0.45	0.01	0.03
7.07	0.47	0.53	0.45	0.01	0.03	7.08	0.49	0.51	0.47	0.01	0.03
7.09	0.51	0.49	0.49	0.01	0.03	7.10	0.52	0.48	0.50	0.01	0.03
7.11	0.54	0.46	0.53	0.01	0.03	7.12	0.54	0.46	0.52	0.01	0.03
7.13	0.53	0.47	0.51	0.01	0.03	7.14	0.52	0.48	0.51	0.01	0.03
7.15	0.52	0.48	0.51	0.01	0.03	7.16	0.51	0.49	0.50	0.01	0.03
7.17	0.51	0.49	0.49	0.01	0.03	7.18	0.50	0.50	0.48	0.01	0.03
7.19	0.49	0.51	0.47	0.01	0.03	7.20	0.48	0.52	0.46	0.01	0.03
7.21	0.48	0.52	0.46	0.01	0.03	7.22	0.48	0.52	0.46	0.01	0.03
7.23	0.48	0.52	0.46	0.01	0.03	7.24	0.48	0.52	0.45	0.01	0.03
7.25	0.47	0.53	0.45	0.01	0.03	7.26	0.47	0.53	0.44	0.01	0.03
7.27	0.46	0.54	0.44	0.01	0.03	7.28	0.47	0.53	0.44	0.01	0.03
7.29	0.46	0.54	0.44	0.01	0.03	7.30	0.46	0.54	0.44	0.01	0.03
7.31	0.46	0.54	0.44	0.01	0.03	7.32	0.46	0.54	0.44	0.01	0.03
7.33	0.46	0.54	0.44	0.01	0.03	7.34	0.46	0.54	0.44	0.01	0.03
7.35	0.46	0.54	0.43	0.01	0.03	7.36	0.46	0.54	0.44	0.01	0.03
7.37	0.45	0.55	0.43	0.01	0.03	7.38	0.45	0.55	0.43	0.01	0.03
7.39	0.45	0.55	0.43	0.01	0.03	7.40	0.45	0.55	0.43	0.01	0.03
7.41	0.45	0.55	0.43	0.01	0.03	7.42	0.45	0.55	0.43	0.01	0.03
7.43	0.45	0.55	0.42	0.01	0.03	7.44	0.45	0.55	0.43	0.01	0.03
7.45	0.44	0.56	0.42	0.01	0.04	7.46	0.44	0.56	0.42	0.01	0.04
7.47	0.44	0.56	0.41	0.01	0.04	7.48	0.43	0.57	0.41	0.01	0.04
7.49	0.43	0.57	0.41	0.01	0.04	7.50	0.43	0.57	0.41	0.01	0.04
7.51	0.43	0.57	0.41	0.01	0.04	7.52	0.42	0.58	0.40	0.01	0.04
7.53	0.42	0.58	0.40	0.01	0.04	7.54	0.42	0.58	0.40	0.01	0.04
7.55	0.42	0.58	0.40	0.01	0.04	7.56	0.43	0.57	0.41	0.01	0.04
7.57	0.43	0.57	0.41	0.01	0.04	7.58	0.43	0.57	0.41	0.01	0.04
7.59	0.44	0.56	0.42	0.01	0.03	7.60	0.44	0.56	0.41	0.01	0.03
7.61	0.44	0.56	0.42	0.01	0.03	7.62	0.45	0.55	0.43	0.01	0.03
7.63	0.46	0.54	0.44	0.01	0.03	7.64	0.48	0.52	0.46	0.01	0.03
7.65	0.48	0.52	0.46	0.01	0.03	7.66	0.49	0.51	0.47	0.01	0.03
7.67	0.49	0.51	0.47	0.01	0.03	7.68	0.49	0.51	0.47	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.49	0.51	0.47	0.01	0.03	7.70	0.49	0.51	0.46	0.01	0.03
7.71	0.49	0.51	0.46	0.01	0.03	7.72	0.50	0.50	0.47	0.01	0.03
7.73	0.50	0.50	0.47	0.01	0.03	7.74	0.50	0.50	0.48	0.01	0.03
7.75	0.50	0.50	0.48	0.01	0.03	7.76	0.51	0.49	0.49	0.01	0.03
7.77	0.52	0.48	0.50	0.01	0.03	7.78	0.53	0.47	0.51	0.01	0.03
7.79	0.52	0.48	0.50	0.01	0.03	7.80	0.52	0.48	0.50	0.01	0.03
7.81	0.52	0.48	0.50	0.01	0.03	7.82	0.51	0.49	0.49	0.01	0.03
7.83	0.51	0.49	0.49	0.01	0.03	7.84	0.50	0.50	0.48	0.01	0.03
7.85	0.50	0.50	0.48	0.01	0.03	7.86	0.50	0.50	0.48	0.01	0.03
7.87	0.50	0.50	0.48	0.01	0.03	7.88	0.50	0.50	0.48	0.01	0.03
7.89	0.50	0.50	0.48	0.01	0.03	7.90	0.50	0.50	0.47	0.01	0.03
7.91	0.49	0.51	0.47	0.01	0.03	7.92	0.48	0.52	0.46	0.01	0.03
7.93	0.49	0.51	0.47	0.01	0.03	7.94	0.48	0.52	0.46	0.01	0.03
7.95	0.51	0.49	0.48	0.01	0.03	7.96	0.50	0.50	0.48	0.01	0.03
7.97	0.50	0.50	0.48	0.01	0.03	7.98	0.50	0.50	0.48	0.01	0.03
7.99	0.45	0.55	0.42	0.01	0.03	8.00	0.44	0.56	0.42	0.01	0.03
8.01	0.43	0.57	0.41	0.01	0.03	8.02	0.44	0.56	0.42	0.01	0.03
8.03	0.46	0.54	0.44	0.01	0.03	8.04	0.48	0.52	0.45	0.01	0.03
8.05	0.49	0.51	0.47	0.01	0.03	8.06	0.48	0.52	0.46	0.01	0.03
8.07	0.48	0.52	0.45	0.01	0.03	8.08	0.45	0.55	0.43	0.01	0.03
8.09	0.45	0.55	0.43	0.01	0.03	8.10	0.44	0.56	0.42	0.01	0.03
8.11	0.44	0.56	0.41	0.01	0.03	8.12	0.43	0.57	0.41	0.01	0.03
8.13	0.42	0.58	0.40	0.01	0.03	8.14	0.42	0.58	0.40	0.01	0.03
8.15	0.42	0.58	0.40	0.01	0.03	8.16	0.42	0.58	0.40	0.01	0.03
8.17	0.42	0.58	0.40	0.01	0.03	8.18	0.43	0.57	0.41	0.01	0.03
8.19	0.43	0.57	0.41	0.01	0.03	8.20	0.44	0.56	0.42	0.01	0.03
8.21	0.45	0.55	0.43	0.01	0.03	8.22	0.46	0.54	0.44	0.01	0.03
8.23	0.47	0.53	0.45	0.01	0.03	8.24	0.48	0.52	0.46	0.01	0.03
8.25	0.48	0.52	0.46	0.01	0.03	8.26	0.50	0.50	0.47	0.01	0.03
8.27	0.51	0.49	0.49	0.01	0.03	8.28	0.54	0.46	0.53	0.01	0.03
8.29	0.56	0.44	0.55	0.01	0.03	8.30	0.58	0.42	0.59	0.01	0.02
8.31	0.58	0.42	0.59	0.01	0.02	8.32	0.59	0.41	0.61	0.01	0.02
8.33	0.59	0.41	0.61	0.01	0.02	8.34	0.58	0.42	0.60	0.01	0.02
8.35	0.56	0.44	0.56	0.01	0.03	8.36	0.51	0.49	0.49	0.01	0.03
8.37	0.48	0.52	0.46	0.01	0.03	8.38	0.43	0.57	0.41	0.01	0.03
8.39	0.46	0.54	0.44	0.01	0.03	8.40	0.48	0.52	0.45	0.01	0.03
8.41	0.53	0.47	0.52	0.01	0.03	8.42	0.51	0.49	0.50	0.01	0.03
8.43	0.52	0.48	0.50	0.01	0.03	8.44	0.46	0.54	0.43	0.01	0.03
8.45	0.47	0.53	0.44	0.01	0.03	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	0.43	0.57	0.41	0.01	0.02
12.07	0.46	0.54	0.44	0.01	0.02	12.08	0.46	0.54	0.44	0.01	0.02
12.09	0.47	0.53	0.45	0.01	0.02	12.10	0.47	0.53	0.44	0.01	0.02
12.11	0.47	0.53	0.44	0.01	0.02	12.12	0.46	0.54	0.44	0.01	0.02
12.13	0.46	0.54	0.44	0.01	0.02	12.14	0.46	0.54	0.44	0.01	0.02
12.15	0.46	0.54	0.44	0.01	0.02	12.16	0.45	0.55	0.43	0.01	0.02
12.17	0.46	0.54	0.44	0.01	0.02	12.18	0.45	0.55	0.43	0.01	0.02
12.19	0.45	0.55	0.43	0.01	0.02	12.20	0.45	0.55	0.42	0.01	0.02
12.21	0.44	0.56	0.42	0.01	0.02	12.22	0.44	0.56	0.42	0.01	0.02
12.23	0.43	0.57	0.41	0.01	0.02	12.24	0.43	0.57	0.41	0.01	0.02
12.25	0.42	0.58	0.40	0.01	0.02	12.26	0.42	0.58	0.40	0.01	0.02
12.27	0.41	0.59	0.39	0.01	0.02	12.28	0.40	0.60	0.39	0.01	0.02
12.29	0.40	0.60	0.38	0.01	0.02	12.30	0.39	0.61	0.38	0.01	0.02
12.31	0.40	0.60	0.39	0.01	0.02	12.32	0.40	0.60	0.38	0.01	0.02
12.33	0.41	0.59	0.39	0.01	0.02	12.34	0.42	0.58	0.40	0.01	0.02
12.35	0.43	0.57	0.41	0.01	0.02	12.36	0.45	0.55	0.43	0.01	0.02
12.37	0.46	0.54	0.44	0.01	0.02	12.38	0.47	0.53	0.45	0.01	0.02
12.39	0.47	0.53	0.45	0.01	0.02	12.40	0.48	0.52	0.46	0.01	0.02
12.41	0.48	0.52	0.46	0.01	0.02	12.42	0.48	0.52	0.46	0.01	0.02
12.43	0.48	0.52	0.46	0.01	0.02	12.44	0.48	0.52	0.45	0.01	0.02
12.45	0.46	0.54	0.44	0.01	0.02	12.46	0.47	0.53	0.44	0.01	0.02
12.47	0.46	0.54	0.44	0.01	0.02	12.48	0.46	0.54	0.44	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	0.46	0.54	0.44	0.01	0.02	12.50	0.47	0.53	0.44	0.01	0.02
12.51	0.47	0.53	0.45	0.01	0.02	12.52	0.47	0.53	0.45	0.01	0.02
12.53	0.47	0.53	0.45	0.01	0.02	12.54	0.48	0.52	0.45	0.01	0.02
12.55	0.48	0.52	0.45	0.01	0.02	12.56	0.47	0.53	0.45	0.01	0.02
12.57	0.47	0.53	0.45	0.01	0.02	12.58	0.47	0.53	0.45	0.01	0.02
12.59	0.48	0.52	0.46	0.01	0.02	12.60	0.47	0.53	0.45	0.01	0.02
12.61	0.50	0.50	0.48	0.01	0.02	12.62	0.50	0.50	0.48	0.01	0.02
12.63	0.51	0.49	0.49	0.01	0.02	12.64	0.52	0.48	0.51	0.01	0.02
12.65	0.51	0.49	0.49	0.01	0.02	12.66	0.52	0.48	0.50	0.01	0.02
12.67	0.48	0.52	0.46	0.01	0.02	12.68	0.50	0.50	0.47	0.01	0.02
12.69	0.48	0.52	0.46	0.01	0.02	12.70	0.47	0.53	0.45	0.01	0.02
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00						

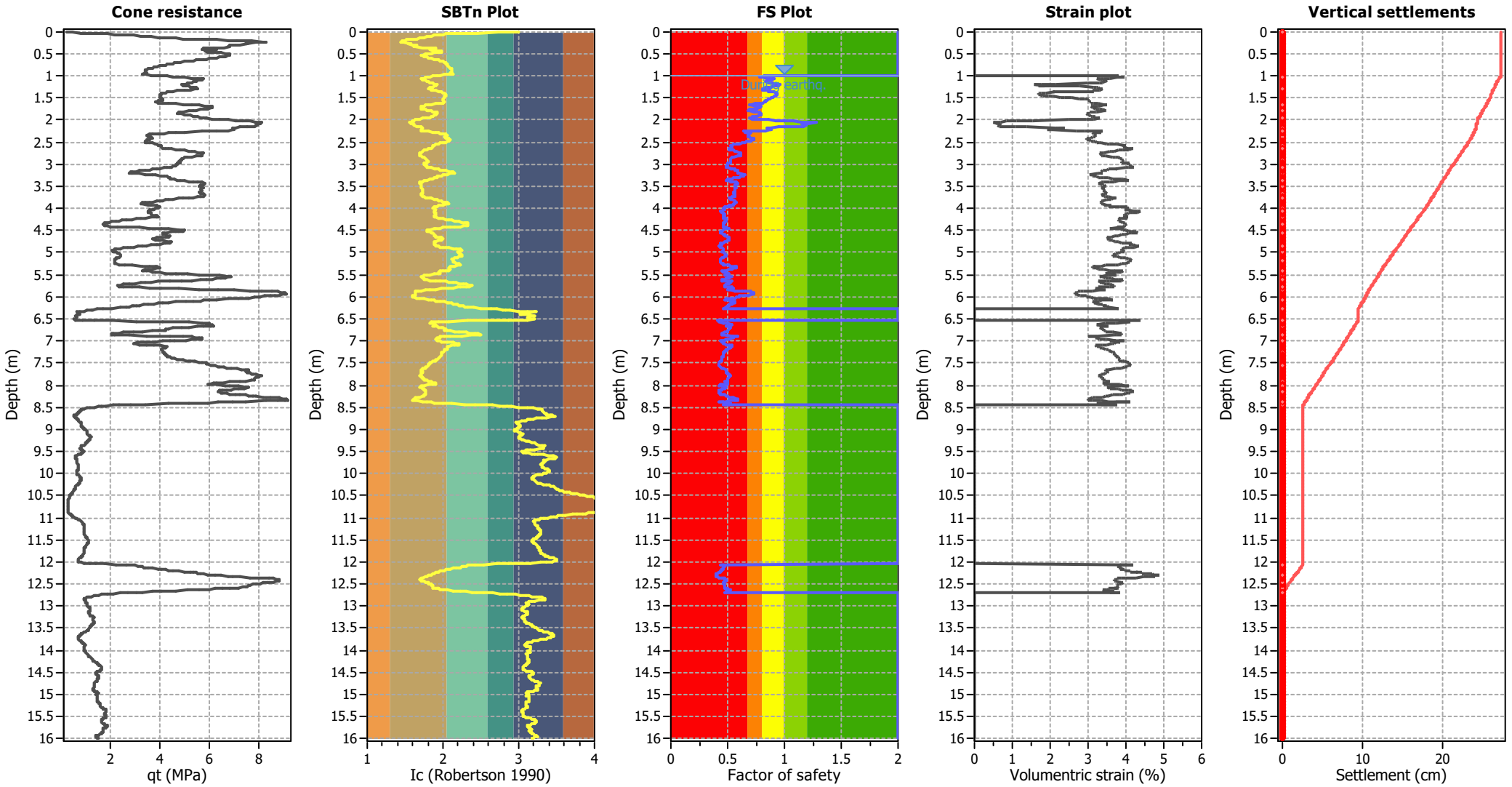
Overall liquefaction potential: 24.07

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	92.88	2.00	0.00	1.00	0.00	1.01	84.61	0.82	3.80	1.00	0.04
1.02	86.58	0.83	3.71	1.00	0.04	1.03	81.04	0.78	3.96	1.00	0.04
1.04	84.92	0.81	3.78	1.00	0.04	1.05	89.49	0.84	3.59	1.00	0.04
1.06	93.62	0.87	3.43	1.00	0.03	1.07	96.44	0.90	3.33	1.00	0.03
1.08	97.53	0.90	3.24	1.00	0.03	1.09	95.97	0.88	3.35	1.00	0.03
1.10	94.65	0.87	3.40	1.00	0.03	1.11	92.38	0.84	3.48	1.00	0.03
1.12	92.85	0.84	3.46	1.00	0.03	1.13	92.82	0.84	3.46	1.00	0.03
1.14	93.64	0.84	3.43	1.00	0.03	1.15	95.45	0.85	3.37	1.00	0.03
1.16	97.73	0.87	3.29	1.00	0.03	1.17	100.44	0.90	3.01	1.00	0.03
1.18	103.28	0.93	2.15	1.00	0.02	1.19	105.41	0.95	1.78	1.00	0.02
1.20	107.01	0.96	1.58	1.00	0.02	1.21	107.30	0.96	1.58	1.00	0.02
1.22	105.78	0.94	1.84	1.00	0.02	1.23	106.88	0.95	1.71	1.00	0.02
1.24	102.71	0.90	2.75	1.00	0.03	1.25	101.72	0.88	3.16	1.00	0.03
1.26	99.58	0.86	3.23	1.00	0.03	1.27	97.98	0.84	3.28	1.00	0.03
1.28	97.37	0.83	3.30	1.00	0.03	1.29	96.72	0.82	3.32	1.00	0.03
1.30	96.18	0.81	3.34	1.00	0.03	1.31	95.48	0.80	3.37	1.00	0.03
1.32	96.74	0.81	3.32	1.00	0.03	1.33	96.89	0.81	3.32	1.00	0.03
1.34	102.97	0.87	3.12	1.00	0.03	1.35	102.44	0.86	3.13	1.00	0.03
1.36	107.68	0.91	2.06	1.00	0.02	1.37	107.52	0.91	2.13	1.00	0.02
1.38	108.89	0.92	1.90	1.00	0.02	1.39	109.88	0.93	1.77	1.00	0.02
1.40	110.41	0.94	1.71	1.00	0.02	1.41	110.83	0.94	1.68	1.00	0.02
1.42	110.96	0.94	1.69	1.00	0.02	1.43	111.03	0.94	1.70	1.00	0.02
1.44	110.91	0.93	1.75	1.00	0.02	1.45	110.57	0.92	1.83	1.00	0.02
1.46	109.97	0.91	1.96	1.00	0.02	1.47	109.56	0.91	2.07	1.00	0.02
1.48	108.89	0.89	2.26	1.00	0.02	1.49	108.54	0.89	2.39	1.00	0.02
1.50	108.10	0.88	2.56	1.00	0.03	1.51	107.67	0.87	2.75	1.00	0.03
1.52	107.34	0.87	2.93	1.00	0.03	1.53	107.09	0.86	2.99	1.00	0.03
1.54	106.93	0.86	3.00	1.00	0.03	1.55	106.65	0.85	3.01	1.00	0.03
1.56	106.94	0.85	3.00	1.00	0.03	1.57	105.63	0.84	3.04	1.00	0.03
1.58	105.63	0.83	3.04	1.00	0.03	1.59	105.30	0.83	3.05	1.00	0.03
1.60	104.76	0.82	3.06	1.00	0.03	1.61	104.34	0.81	3.08	1.00	0.03
1.62	103.47	0.80	3.10	1.00	0.03	1.63	101.61	0.78	3.16	1.00	0.03
1.64	97.96	0.75	3.28	1.00	0.03	1.65	93.81	0.71	3.43	1.00	0.03
1.66	91.76	0.69	3.50	1.00	0.04	1.67	94.09	0.71	3.42	1.00	0.03
1.68	98.15	0.74	3.27	1.00	0.03	1.69	102.91	0.78	3.12	1.00	0.03
1.70	103.85	0.79	3.09	1.00	0.03	1.71	103.15	0.78	3.11	1.00	0.03
1.72	103.15	0.78	3.11	1.00	0.03	1.73	101.82	0.77	3.15	1.00	0.03
1.74	100.41	0.75	3.20	1.00	0.03	1.75	98.62	0.73	3.26	1.00	0.03
1.76	96.82	0.72	3.32	1.00	0.03	1.77	94.60	0.70	3.40	1.00	0.03
1.78	92.81	0.68	3.46	1.00	0.03	1.79	93.09	0.68	3.45	1.00	0.03
1.80	93.68	0.69	3.43	1.00	0.03	1.81	99.54	0.73	3.23	1.00	0.03
1.82	100.74	0.74	3.19	1.00	0.03	1.83	105.59	0.79	3.04	1.00	0.03
1.84	105.76	0.79	3.03	1.00	0.03	1.85	106.89	0.80	3.00	1.00	0.03
1.86	107.60	0.80	2.98	1.00	0.03	1.87	107.62	0.80	2.98	1.00	0.03
1.88	107.30	0.79	2.99	1.00	0.03	1.89	106.76	0.79	3.00	1.00	0.03
1.90	106.02	0.78	3.03	1.00	0.03	1.91	104.44	0.76	3.07	1.00	0.03
1.92	103.35	0.75	3.11	1.00	0.03	1.93	100.12	0.72	3.21	1.00	0.03
1.94	101.24	0.73	3.17	1.00	0.03	1.95	96.99	0.69	3.31	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	97.79	0.70	3.29	1.00	0.03	1.97	97.70	0.69	3.29	1.00	0.03
1.98	101.35	0.72	3.17	1.00	0.03	1.99	108.22	0.79	2.96	1.00	0.03
2.00	114.07	0.85	2.48	1.00	0.02	2.01	119.52	0.93	1.53	1.00	0.02
2.02	124.05	1.00	1.12	1.00	0.01	2.03	128.50	1.08	0.85	1.00	0.01
2.04	132.09	1.16	0.68	1.00	0.01	2.05	136.92	1.28	0.49	1.00	0.00
2.06	137.33	1.29	0.48	1.00	0.00	2.07	134.20	1.20	0.60	1.00	0.01
2.08	134.20	1.20	0.60	1.00	0.01	2.09	132.64	1.16	0.67	1.00	0.01
2.10	132.33	1.15	0.69	1.00	0.01	2.11	133.18	1.17	0.66	1.00	0.01
2.12	134.42	1.20	0.61	1.00	0.01	2.13	134.51	1.20	0.61	1.00	0.01
2.14	133.10	1.16	0.67	1.00	0.01	2.15	125.77	1.01	1.07	1.00	0.01
2.16	121.94	0.94	1.40	1.00	0.01	2.17	116.79	0.87	2.15	1.00	0.02
2.18	116.79	0.86	2.16	1.00	0.02	2.19	115.93	0.85	2.37	1.00	0.02
2.20	116.57	0.86	2.24	1.00	0.02	2.21	117.58	0.87	2.05	1.00	0.02
2.22	118.43	0.88	1.91	1.00	0.02	2.23	117.81	0.87	2.03	1.00	0.02
2.24	115.16	0.84	2.68	1.00	0.03	2.25	109.93	0.77	2.91	1.00	0.03
2.26	95.39	0.65	3.37	1.00	0.03	2.27	100.34	0.68	3.20	1.00	0.03
2.28	96.49	0.65	3.33	1.00	0.03	2.29	102.77	0.70	3.12	1.00	0.03
2.30	101.37	0.69	3.17	1.00	0.03	2.31	101.59	0.69	3.16	1.00	0.03
2.32	101.39	0.69	3.17	1.00	0.03	2.33	101.16	0.68	3.18	1.00	0.03
2.34	100.92	0.68	3.18	1.00	0.03	2.35	101.00	0.68	3.18	1.00	0.03
2.36	100.97	0.68	3.18	1.00	0.03	2.37	100.86	0.68	3.19	1.00	0.03
2.38	101.74	0.68	3.16	1.00	0.03	2.39	102.72	0.69	3.13	1.00	0.03
2.40	104.64	0.71	3.07	1.00	0.03	2.41	105.99	0.72	3.03	1.00	0.03
2.42	107.14	0.73	2.99	1.00	0.03	2.43	107.93	0.74	2.97	1.00	0.03
2.44	107.65	0.73	2.98	1.00	0.03	2.45	107.12	0.73	2.99	1.00	0.03
2.46	105.94	0.71	3.03	1.00	0.03	2.47	104.36	0.70	3.08	1.00	0.03
2.48	102.37	0.68	3.14	1.00	0.03	2.49	100.83	0.67	3.19	1.00	0.03
2.50	99.40	0.66	3.23	1.00	0.03	2.51	98.98	0.65	3.25	1.00	0.03
2.52	96.65	0.63	3.33	1.00	0.03	2.53	96.62	0.63	3.33	1.00	0.03
2.54	91.89	0.60	3.50	1.00	0.03	2.55	89.46	0.58	3.59	1.00	0.04
2.56	84.90	0.56	3.78	1.00	0.04	2.57	81.26	0.54	3.95	1.00	0.04
2.58	80.32	0.53	3.99	1.00	0.04	2.59	80.80	0.53	3.97	1.00	0.04
2.60	81.48	0.54	3.94	1.00	0.04	2.61	81.83	0.54	3.92	1.00	0.04
2.62	81.38	0.53	3.94	1.00	0.04	2.63	79.05	0.52	4.06	1.00	0.04
2.64	79.67	0.52	4.02	1.00	0.04	2.65	76.52	0.51	4.18	1.00	0.04
2.66	77.18	0.51	4.15	1.00	0.04	2.67	78.63	0.52	4.08	1.00	0.04
2.68	81.50	0.53	3.94	1.00	0.04	2.69	84.66	0.55	3.79	1.00	0.04
2.70	87.08	0.56	3.69	1.00	0.04	2.71	88.79	0.57	3.62	1.00	0.04
2.72	90.26	0.58	3.56	1.00	0.04	2.73	94.26	0.60	3.41	1.00	0.03
2.74	95.88	0.61	3.35	1.00	0.03	2.75	96.74	0.62	3.32	1.00	0.03
2.76	96.74	0.62	3.32	1.00	0.03	2.77	96.51	0.62	3.33	1.00	0.03
2.78	96.12	0.61	3.34	1.00	0.03	2.79	96.27	0.61	3.34	1.00	0.03
2.80	96.05	0.61	3.35	1.00	0.03	2.81	95.26	0.60	3.38	1.00	0.03
2.82	93.08	0.59	3.45	1.00	0.03	2.83	87.55	0.56	3.67	1.00	0.04
2.84	86.05	0.55	3.73	1.00	0.04	2.85	84.26	0.54	3.81	1.00	0.04
2.86	84.26	0.54	3.81	1.00	0.04	2.87	83.41	0.53	3.85	1.00	0.04
2.88	82.72	0.53	3.88	1.00	0.04	2.89	82.72	0.53	3.88	1.00	0.04
2.90	82.41	0.52	3.90	1.00	0.04	2.91	81.94	0.52	3.92	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	81.76	0.52	3.93	1.00	0.04	2.93	82.01	0.52	3.91	1.00	0.04
2.94	81.88	0.52	3.92	1.00	0.04	2.95	82.87	0.52	3.87	1.00	0.04
2.96	82.35	0.52	3.90	1.00	0.04	2.97	78.97	0.50	4.06	1.00	0.04
2.98	78.68	0.50	4.07	1.00	0.04	2.99	79.28	0.51	4.04	1.00	0.04
3.00	78.57	0.50	4.08	1.00	0.04	3.01	78.57	0.50	4.08	1.00	0.04
3.02	78.19	0.50	4.10	1.00	0.04	3.03	77.66	0.50	4.12	1.00	0.04
3.04	77.56	0.50	4.13	1.00	0.04	3.05	76.93	0.49	4.16	1.00	0.04
3.06	76.52	0.49	4.18	1.00	0.04	3.07	76.46	0.49	4.19	1.00	0.04
3.08	78.42	0.50	4.09	1.00	0.04	3.09	79.91	0.50	4.01	1.00	0.04
3.10	85.89	0.53	3.74	1.00	0.04	3.11	85.62	0.53	3.75	1.00	0.04
3.12	91.29	0.56	3.52	1.00	0.04	3.13	92.08	0.57	3.49	1.00	0.03
3.14	93.90	0.58	3.42	1.00	0.03	3.15	95.22	0.59	3.38	1.00	0.03
3.16	95.61	0.59	3.36	1.00	0.03	3.17	95.85	0.59	3.35	1.00	0.03
3.18	95.64	0.59	3.36	1.00	0.03	3.19	95.63	0.59	3.36	1.00	0.03
3.20	95.53	0.59	3.37	1.00	0.03	3.21	98.02	0.60	3.28	1.00	0.03
3.22	98.23	0.60	3.27	1.00	0.03	3.23	105.26	0.66	3.05	1.00	0.03
3.24	101.35	0.63	3.17	1.00	0.03	3.25	103.15	0.64	3.11	1.00	0.03
3.26	102.76	0.64	3.12	1.00	0.03	3.27	101.76	0.63	3.16	1.00	0.03
3.28	100.01	0.61	3.21	1.00	0.03	3.29	97.90	0.60	3.28	1.00	0.03
3.30	96.02	0.59	3.35	1.00	0.03	3.31	93.92	0.57	3.42	1.00	0.03
3.32	90.98	0.55	3.53	1.00	0.04	3.33	87.62	0.53	3.67	1.00	0.04
3.34	82.25	0.51	3.90	1.00	0.04	3.35	81.92	0.50	3.92	1.00	0.04
3.36	78.91	0.49	4.06	1.00	0.04	3.37	81.05	0.50	3.96	1.00	0.04
3.38	83.96	0.51	3.83	1.00	0.04	3.39	87.23	0.53	3.69	1.00	0.04
3.40	90.26	0.55	3.56	1.00	0.04	3.41	93.47	0.56	3.44	1.00	0.03
3.42	95.96	0.58	3.35	1.00	0.03	3.43	97.20	0.59	3.31	1.00	0.03
3.44	98.02	0.59	3.28	1.00	0.03	3.45	97.45	0.59	3.30	1.00	0.03
3.46	95.22	0.57	3.38	1.00	0.03	3.47	95.14	0.57	3.38	1.00	0.03
3.48	94.03	0.57	3.42	1.00	0.03	3.49	93.24	0.56	3.45	1.00	0.03
3.50	93.23	0.56	3.45	1.00	0.03	3.51	93.78	0.56	3.43	1.00	0.03
3.52	94.73	0.57	3.39	1.00	0.03	3.53	95.87	0.58	3.35	1.00	0.03
3.54	95.91	0.58	3.35	1.00	0.03	3.55	95.05	0.57	3.38	1.00	0.03
3.56	93.70	0.56	3.43	1.00	0.03	3.57	93.68	0.56	3.43	1.00	0.03
3.58	93.99	0.56	3.42	1.00	0.03	3.59	93.90	0.56	3.42	1.00	0.03
3.60	94.01	0.56	3.42	1.00	0.03	3.61	93.93	0.56	3.42	1.00	0.03
3.62	93.54	0.56	3.44	1.00	0.03	3.63	93.32	0.56	3.45	1.00	0.03
3.64	92.86	0.55	3.46	1.00	0.03	3.65	92.41	0.55	3.48	1.00	0.03
3.66	92.33	0.55	3.48	1.00	0.03	3.67	93.19	0.55	3.45	1.00	0.03
3.68	94.07	0.56	3.42	1.00	0.03	3.69	95.76	0.57	3.36	1.00	0.03
3.70	95.48	0.57	3.37	1.00	0.03	3.71	95.21	0.57	3.38	1.00	0.03
3.72	94.39	0.56	3.41	1.00	0.03	3.73	92.79	0.55	3.47	1.00	0.03
3.74	90.50	0.54	3.55	1.00	0.04	3.75	88.10	0.52	3.65	1.00	0.04
3.76	86.41	0.51	3.72	1.00	0.04	3.77	86.22	0.51	3.73	1.00	0.04
3.78	88.20	0.52	3.65	1.00	0.04	3.79	88.89	0.52	3.62	1.00	0.04
3.80	92.27	0.54	3.49	1.00	0.03	3.81	92.13	0.54	3.49	1.00	0.03
3.82	95.03	0.56	3.38	1.00	0.03	3.83	95.26	0.56	3.38	1.00	0.03
3.84	96.14	0.57	3.34	1.00	0.03	3.85	96.59	0.57	3.33	1.00	0.03
3.86	96.62	0.57	3.33	1.00	0.03	3.87	96.49	0.57	3.33	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	96.11	0.57	3.35	1.00	0.03	3.89	95.79	0.56	3.36	1.00	0.03
3.90	94.66	0.56	3.40	1.00	0.03	3.91	94.79	0.56	3.39	1.00	0.03
3.92	92.13	0.54	3.49	1.00	0.03	3.93	93.61	0.55	3.44	1.00	0.03
3.94	88.80	0.52	3.62	1.00	0.04	3.95	90.52	0.53	3.55	1.00	0.04
3.96	88.59	0.52	3.63	1.00	0.04	3.97	83.30	0.49	3.85	1.00	0.04
3.98	79.23	0.47	4.05	1.00	0.04	3.99	79.44	0.47	4.04	1.00	0.04
4.00	78.74	0.47	4.07	1.00	0.04	4.01	79.55	0.47	4.03	1.00	0.04
4.02	80.17	0.47	4.00	1.00	0.04	4.03	80.59	0.47	3.98	1.00	0.04
4.04	79.08	0.47	4.05	1.00	0.04	4.05	76.55	0.45	4.18	1.00	0.04
4.06	74.00	0.44	4.32	1.00	0.04	4.07	72.94	0.44	4.38	1.00	0.04
4.08	74.04	0.44	4.32	1.00	0.04	4.09	76.02	0.45	4.21	1.00	0.04
4.10	77.63	0.46	4.13	1.00	0.04	4.11	78.39	0.46	4.09	1.00	0.04
4.12	79.08	0.46	4.05	1.00	0.04	4.13	80.03	0.47	4.01	1.00	0.04
4.14	80.73	0.47	3.97	1.00	0.04	4.15	81.10	0.47	3.96	1.00	0.04
4.16	80.63	0.47	3.98	1.00	0.04	4.17	79.99	0.47	4.01	1.00	0.04
4.18	79.21	0.46	4.05	1.00	0.04	4.19	79.56	0.46	4.03	1.00	0.04
4.20	79.26	0.46	4.05	1.00	0.04	4.21	81.73	0.47	3.93	1.00	0.04
4.22	79.46	0.46	4.04	1.00	0.04	4.23	84.11	0.49	3.82	1.00	0.04
4.24	83.69	0.48	3.84	1.00	0.04	4.25	84.37	0.49	3.81	1.00	0.04
4.26	84.57	0.49	3.80	1.00	0.04	4.27	84.58	0.49	3.80	1.00	0.04
4.28	84.21	0.48	3.81	1.00	0.04	4.29	83.70	0.48	3.84	1.00	0.04
4.30	83.40	0.48	3.85	1.00	0.04	4.31	81.59	0.47	3.93	1.00	0.04
4.32	81.80	0.47	3.92	1.00	0.04	4.33	80.79	0.47	3.97	1.00	0.04
4.34	81.21	0.47	3.95	1.00	0.04	4.35	80.79	0.47	3.97	1.00	0.04
4.36	80.55	0.46	3.98	1.00	0.04	4.37	80.43	0.46	3.99	1.00	0.04
4.38	80.55	0.46	3.98	1.00	0.04	4.39	80.75	0.46	3.97	1.00	0.04
4.40	80.94	0.47	3.96	1.00	0.04	4.41	81.46	0.47	3.94	1.00	0.04
4.42	80.91	0.46	3.97	1.00	0.04	4.43	85.61	0.49	3.75	1.00	0.04
4.44	82.78	0.47	3.88	1.00	0.04	4.45	90.29	0.51	3.56	1.00	0.04
4.46	82.44	0.47	3.89	1.00	0.04	4.47	83.60	0.48	3.84	1.00	0.04
4.48	81.65	0.47	3.93	1.00	0.04	4.49	81.42	0.47	3.94	1.00	0.04
4.50	80.39	0.46	3.99	1.00	0.04	4.51	78.29	0.45	4.09	1.00	0.04
4.52	76.85	0.44	4.17	1.00	0.04	4.53	75.41	0.44	4.24	1.00	0.04
4.54	74.70	0.43	4.28	1.00	0.04	4.55	74.20	0.43	4.31	1.00	0.04
4.56	76.85	0.44	4.17	1.00	0.04	4.57	78.32	0.45	4.09	1.00	0.04
4.58	80.16	0.46	4.00	1.00	0.04	4.59	81.18	0.46	3.95	1.00	0.04
4.60	82.71	0.47	3.88	1.00	0.04	4.61	83.99	0.48	3.82	1.00	0.04
4.62	85.46	0.48	3.76	1.00	0.04	4.63	87.13	0.49	3.69	1.00	0.04
4.64	89.15	0.50	3.61	1.00	0.04	4.65	90.52	0.51	3.55	1.00	0.04
4.66	92.15	0.52	3.49	1.00	0.03	4.67	91.11	0.51	3.53	1.00	0.04
4.68	92.01	0.52	3.50	1.00	0.03	4.69	91.90	0.52	3.50	1.00	0.03
4.70	91.34	0.51	3.52	1.00	0.04	4.71	90.91	0.51	3.54	1.00	0.04
4.72	89.75	0.50	3.58	1.00	0.04	4.73	88.42	0.50	3.64	1.00	0.04
4.74	87.00	0.49	3.69	1.00	0.04	4.75	85.76	0.48	3.75	1.00	0.04
4.76	85.25	0.48	3.77	1.00	0.04	4.77	84.60	0.48	3.80	1.00	0.04
4.78	82.48	0.46	3.89	1.00	0.04	4.79	81.00	0.46	3.96	1.00	0.04
4.80	77.28	0.44	4.14	1.00	0.04	4.81	78.42	0.45	4.09	1.00	0.04
4.82	77.40	0.44	4.14	1.00	0.04	4.83	76.37	0.44	4.19	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	74.70	0.43	4.28	1.00	0.04	4.85	73.62	0.42	4.34	1.00	0.04
4.86	74.21	0.43	4.31	1.00	0.04	4.87	75.87	0.43	4.22	1.00	0.04
4.88	77.84	0.44	4.12	1.00	0.04	4.89	79.52	0.45	4.03	1.00	0.04
4.90	80.70	0.45	3.98	1.00	0.04	4.91	82.07	0.46	3.91	1.00	0.04
4.92	81.50	0.46	3.94	1.00	0.04	4.93	82.74	0.46	3.88	1.00	0.04
4.94	82.66	0.46	3.88	1.00	0.04	4.95	82.58	0.46	3.89	1.00	0.04
4.96	81.57	0.46	3.93	1.00	0.04	4.97	80.60	0.45	3.98	1.00	0.04
4.98	81.95	0.46	3.92	1.00	0.04	4.99	82.40	0.46	3.90	1.00	0.04
5.00	83.08	0.46	3.87	1.00	0.04	5.01	84.27	0.47	3.81	1.00	0.04
5.02	85.22	0.47	3.77	1.00	0.04	5.03	86.06	0.48	3.73	1.00	0.04
5.04	86.97	0.48	3.70	1.00	0.04	5.05	87.81	0.49	3.66	1.00	0.04
5.06	88.15	0.49	3.65	1.00	0.04	5.07	87.99	0.49	3.65	1.00	0.04
5.08	87.53	0.48	3.67	1.00	0.04	5.09	86.94	0.48	3.70	1.00	0.04
5.10	85.62	0.47	3.75	1.00	0.04	5.11	83.50	0.46	3.85	1.00	0.04
5.12	81.63	0.45	3.93	1.00	0.04	5.13	79.81	0.45	4.02	1.00	0.04
5.14	78.52	0.44	4.08	1.00	0.04	5.15	77.93	0.44	4.11	1.00	0.04
5.16	77.99	0.44	4.11	1.00	0.04	5.17	77.29	0.43	4.14	1.00	0.04
5.18	77.86	0.44	4.11	1.00	0.04	5.19	78.51	0.44	4.08	1.00	0.04
5.20	78.54	0.44	4.08	1.00	0.04	5.21	78.77	0.44	4.07	1.00	0.04
5.22	78.38	0.44	4.09	1.00	0.04	5.23	78.81	0.44	4.07	1.00	0.04
5.24	79.85	0.44	4.02	1.00	0.04	5.25	81.04	0.45	3.96	1.00	0.04
5.26	82.39	0.46	3.90	1.00	0.04	5.27	84.44	0.47	3.80	1.00	0.04
5.28	86.33	0.47	3.72	1.00	0.04	5.29	92.86	0.51	3.46	1.00	0.03
5.30	95.59	0.53	3.36	1.00	0.03	5.31	102.40	0.57	3.14	1.00	0.03
5.32	100.88	0.56	3.18	1.00	0.03	5.33	102.69	0.57	3.13	1.00	0.03
5.34	103.13	0.58	3.11	1.00	0.03	5.35	102.08	0.57	3.15	1.00	0.03
5.36	99.90	0.55	3.22	1.00	0.03	5.37	97.87	0.54	3.28	1.00	0.03
5.38	96.44	0.53	3.33	1.00	0.03	5.39	93.75	0.51	3.43	1.00	0.03
5.40	90.13	0.49	3.57	1.00	0.04	5.41	86.66	0.47	3.71	1.00	0.04
5.42	87.05	0.48	3.69	1.00	0.04	5.43	81.53	0.45	3.94	1.00	0.04
5.44	82.72	0.46	3.88	1.00	0.04	5.45	84.98	0.47	3.78	1.00	0.04
5.46	88.64	0.48	3.63	1.00	0.04	5.47	92.42	0.50	3.48	1.00	0.03
5.48	93.02	0.51	3.46	1.00	0.03	5.49	90.56	0.49	3.55	1.00	0.04
5.50	85.91	0.47	3.74	1.00	0.04	5.51	86.59	0.47	3.71	1.00	0.04
5.52	90.87	0.50	3.54	1.00	0.04	5.53	96.63	0.53	3.33	1.00	0.03
5.54	97.28	0.53	3.30	1.00	0.03	5.55	95.30	0.52	3.37	1.00	0.03
5.56	95.24	0.52	3.38	1.00	0.03	5.57	93.35	0.51	3.44	1.00	0.03
5.58	91.24	0.50	3.52	1.00	0.04	5.59	89.24	0.49	3.60	1.00	0.04
5.60	86.89	0.47	3.70	1.00	0.04	5.61	84.08	0.46	3.82	1.00	0.04
5.62	81.70	0.45	3.93	1.00	0.04	5.63	82.37	0.45	3.90	1.00	0.04
5.64	89.90	0.49	3.58	1.00	0.04	5.65	91.87	0.50	3.50	1.00	0.04
5.66	97.79	0.53	3.29	1.00	0.03	5.67	93.48	0.51	3.44	1.00	0.03
5.68	97.09	0.53	3.31	1.00	0.03	5.69	95.02	0.52	3.38	1.00	0.03
5.70	93.50	0.51	3.44	1.00	0.03	5.71	91.62	0.50	3.51	1.00	0.04
5.72	89.92	0.49	3.58	1.00	0.04	5.73	88.41	0.48	3.64	1.00	0.04
5.74	87.59	0.48	3.67	1.00	0.04	5.75	87.18	0.47	3.69	1.00	0.04
5.76	87.03	0.47	3.69	1.00	0.04	5.77	89.13	0.48	3.61	1.00	0.04
5.78	89.79	0.49	3.58	1.00	0.04	5.79	98.85	0.54	3.25	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	95.39	0.52	3.37	1.00	0.03	5.81	98.97	0.54	3.25	1.00	0.03
5.82	100.81	0.55	3.19	1.00	0.03	5.83	97.86	0.53	3.28	1.00	0.03
5.84	93.36	0.51	3.44	1.00	0.03	5.85	96.98	0.53	3.32	1.00	0.03
5.86	102.47	0.56	3.13	1.00	0.03	5.87	110.71	0.63	2.89	1.00	0.03
5.88	113.41	0.66	2.82	1.00	0.03	5.89	117.56	0.70	2.71	1.00	0.03
5.90	117.49	0.70	2.72	1.00	0.03	5.91	119.14	0.72	2.68	1.00	0.03
5.92	120.08	0.73	2.65	1.00	0.03	5.93	120.11	0.73	2.65	1.00	0.03
5.94	119.55	0.72	2.67	1.00	0.03	5.95	118.89	0.72	2.68	1.00	0.03
5.96	115.45	0.68	2.77	1.00	0.03	5.97	115.38	0.68	2.77	1.00	0.03
5.98	113.33	0.66	2.82	1.00	0.03	5.99	107.60	0.60	2.98	1.00	0.03
6.00	107.64	0.60	2.98	1.00	0.03	6.01	107.58	0.60	2.98	1.00	0.03
6.02	104.90	0.58	3.06	1.00	0.03	6.03	101.87	0.56	3.15	1.00	0.03
6.04	98.31	0.53	3.27	1.00	0.03	6.05	90.74	0.49	3.54	1.00	0.04
6.06	89.18	0.48	3.61	1.00	0.04	6.07	88.14	0.48	3.65	1.00	0.04
6.08	95.56	0.52	3.36	1.00	0.03	6.09	96.68	0.52	3.33	1.00	0.03
6.10	100.09	0.55	3.21	1.00	0.03	6.11	99.34	0.54	3.23	1.00	0.03
6.12	102.71	0.56	3.13	1.00	0.03	6.13	98.99	0.54	3.25	1.00	0.03
6.14	102.30	0.56	3.14	1.00	0.03	6.15	100.15	0.55	3.21	1.00	0.03
6.16	98.84	0.54	3.25	1.00	0.03	6.17	97.86	0.53	3.28	1.00	0.03
6.18	95.36	0.52	3.37	1.00	0.03	6.19	95.01	0.51	3.38	1.00	0.03
6.20	92.68	0.50	3.47	1.00	0.03	6.21	93.47	0.50	3.44	1.00	0.03
6.22	91.82	0.49	3.50	1.00	0.04	6.23	91.16	0.49	3.53	1.00	0.04
6.24	92.38	0.50	3.48	1.00	0.03	6.25	90.88	0.49	3.54	1.00	0.04
6.26	84.09	0.46	3.82	1.00	0.04	6.27	23.59	2.00	0.00	1.00	0.00
6.28	18.22	2.00	0.00	1.00	0.00	6.29	18.18	2.00	0.00	1.00	0.00
6.30	16.57	2.00	0.00	1.00	0.00	6.31	15.00	2.00	0.00	1.00	0.00
6.32	12.76	2.00	0.00	1.00	0.00	6.33	10.75	2.00	0.00	1.00	0.00
6.34	8.54	2.00	0.00	1.00	0.00	6.35	8.42	2.00	0.00	1.00	0.00
6.36	10.35	2.00	0.00	1.00	0.00	6.37	10.35	2.00	0.00	1.00	0.00
6.38	10.97	2.00	0.00	1.00	0.00	6.39	10.77	2.00	0.00	1.00	0.00
6.40	9.90	2.00	0.00	1.00	0.00	6.41	9.45	2.00	0.00	1.00	0.00
6.42	7.94	2.00	0.00	1.00	0.00	6.43	8.06	2.00	0.00	1.00	0.00
6.44	8.67	2.00	0.00	1.00	0.00	6.45	8.67	2.00	0.00	1.00	0.00
6.46	8.85	2.00	0.00	1.00	0.00	6.47	8.98	2.00	0.00	1.00	0.00
6.48	8.84	2.00	0.00	1.00	0.00	6.49	7.77	2.00	0.00	1.00	0.00
6.50	7.34	2.00	0.00	1.00	0.00	6.51	7.26	2.00	0.00	1.00	0.00
6.52	7.26	2.00	0.00	1.00	0.00	6.53	10.20	2.00	0.00	1.00	0.00
6.54	72.68	0.41	4.39	1.00	0.04	6.55	79.22	0.43	4.05	1.00	0.04
6.56	80.79	0.44	3.97	1.00	0.04	6.57	84.56	0.46	3.80	1.00	0.04
6.58	78.18	0.43	4.10	1.00	0.04	6.59	85.26	0.46	3.77	1.00	0.04
6.60	85.94	0.46	3.74	1.00	0.04	6.61	93.13	0.50	3.45	1.00	0.03
6.62	99.96	0.54	3.21	1.00	0.03	6.63	98.09	0.53	3.28	1.00	0.03
6.64	99.90	0.54	3.22	1.00	0.03	6.65	95.23	0.51	3.38	1.00	0.03
6.66	90.52	0.48	3.55	1.00	0.04	6.67	95.68	0.51	3.36	1.00	0.03
6.68	95.91	0.51	3.35	1.00	0.03	6.69	95.78	0.51	3.36	1.00	0.03
6.70	96.09	0.52	3.35	1.00	0.03	6.71	97.48	0.52	3.30	1.00	0.03
6.72	94.72	0.51	3.39	1.00	0.03	6.73	94.58	0.51	3.40	1.00	0.03
6.74	94.72	0.51	3.39	1.00	0.03	6.75	93.49	0.50	3.44	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	94.33	0.50	3.41	1.00	0.03	6.77	94.21	0.50	3.41	1.00	0.03
6.78	93.35	0.50	3.44	1.00	0.03	6.79	93.01	0.50	3.46	1.00	0.03
6.80	87.79	0.47	3.66	1.00	0.04	6.81	87.73	0.47	3.66	1.00	0.04
6.82	82.59	0.45	3.89	1.00	0.04	6.83	84.25	0.45	3.81	1.00	0.04
6.84	82.55	0.44	3.89	1.00	0.04	6.85	82.42	0.44	3.90	1.00	0.04
6.86	85.00	0.46	3.78	1.00	0.04	6.87	87.48	0.47	3.67	1.00	0.04
6.88	100.99	0.55	3.18	1.00	0.03	6.89	102.59	0.56	3.13	1.00	0.03
6.90	107.14	0.59	2.99	1.00	0.03	6.91	99.35	0.53	3.23	1.00	0.03
6.92	101.09	0.55	3.18	1.00	0.03	6.93	100.27	0.54	3.20	1.00	0.03
6.94	99.15	0.53	3.24	1.00	0.03	6.95	96.81	0.52	3.32	1.00	0.03
6.96	93.28	0.50	3.45	1.00	0.03	6.97	91.85	0.49	3.50	1.00	0.04
6.98	86.13	0.46	3.73	1.00	0.04	6.99	89.51	0.48	3.59	1.00	0.04
7.00	80.79	0.44	3.97	1.00	0.04	7.01	84.15	0.45	3.82	1.00	0.04
7.02	84.42	0.45	3.81	1.00	0.04	7.03	83.36	0.45	3.85	1.00	0.04
7.04	85.96	0.46	3.74	1.00	0.04	7.05	86.76	0.46	3.70	1.00	0.04
7.06	88.33	0.47	3.64	1.00	0.04	7.07	88.91	0.47	3.62	1.00	0.04
7.08	92.24	0.49	3.49	1.00	0.03	7.09	95.06	0.51	3.38	1.00	0.03
7.10	96.37	0.52	3.34	1.00	0.03	7.11	100.21	0.54	3.21	1.00	0.03
7.12	99.59	0.54	3.23	1.00	0.03	7.13	98.22	0.53	3.27	1.00	0.03
7.14	97.52	0.52	3.30	1.00	0.03	7.15	97.38	0.52	3.30	1.00	0.03
7.16	96.21	0.51	3.34	1.00	0.03	7.17	95.01	0.51	3.38	1.00	0.03
7.18	93.32	0.50	3.45	1.00	0.03	7.19	92.04	0.49	3.49	1.00	0.03
7.20	90.69	0.48	3.55	1.00	0.04	7.21	90.68	0.48	3.55	1.00	0.04
7.22	90.36	0.48	3.56	1.00	0.04	7.23	89.98	0.48	3.57	1.00	0.04
7.24	89.61	0.48	3.59	1.00	0.04	7.25	87.84	0.47	3.66	1.00	0.04
7.26	87.37	0.47	3.68	1.00	0.04	7.27	86.76	0.46	3.70	1.00	0.04
7.28	87.51	0.47	3.67	1.00	0.04	7.29	87.12	0.46	3.69	1.00	0.04
7.30	86.99	0.46	3.70	1.00	0.04	7.31	86.71	0.46	3.71	1.00	0.04
7.32	86.41	0.46	3.72	1.00	0.04	7.33	86.14	0.46	3.73	1.00	0.04
7.34	86.19	0.46	3.73	1.00	0.04	7.35	85.38	0.46	3.76	1.00	0.04
7.36	85.90	0.46	3.74	1.00	0.04	7.37	84.48	0.45	3.80	1.00	0.04
7.38	84.52	0.45	3.80	1.00	0.04	7.39	84.27	0.45	3.81	1.00	0.04
7.40	84.05	0.45	3.82	1.00	0.04	7.41	83.90	0.45	3.83	1.00	0.04
7.42	84.61	0.45	3.80	1.00	0.04	7.43	83.11	0.45	3.86	1.00	0.04
7.44	84.24	0.45	3.81	1.00	0.04	7.45	82.10	0.44	3.91	1.00	0.04
7.46	81.89	0.44	3.92	1.00	0.04	7.47	80.70	0.44	3.98	1.00	0.04
7.48	79.00	0.43	4.06	1.00	0.04	7.49	79.28	0.43	4.04	1.00	0.04
7.50	78.37	0.43	4.09	1.00	0.04	7.51	78.44	0.43	4.09	1.00	0.04
7.52	78.07	0.42	4.10	1.00	0.04	7.53	77.89	0.42	4.11	1.00	0.04
7.54	77.69	0.42	4.12	1.00	0.04	7.55	78.08	0.42	4.10	1.00	0.04
7.56	78.74	0.43	4.07	1.00	0.04	7.57	79.23	0.43	4.05	1.00	0.04
7.58	79.42	0.43	4.04	1.00	0.04	7.59	81.19	0.44	3.95	1.00	0.04
7.60	80.85	0.44	3.97	1.00	0.04	7.61	82.78	0.44	3.88	1.00	0.04
7.62	85.04	0.45	3.78	1.00	0.04	7.63	86.52	0.46	3.71	1.00	0.04
7.64	90.51	0.48	3.55	1.00	0.04	7.65	90.97	0.48	3.53	1.00	0.04
7.66	92.69	0.49	3.47	1.00	0.03	7.67	92.64	0.49	3.47	1.00	0.03
7.68	92.59	0.49	3.47	1.00	0.03	7.69	91.91	0.49	3.50	1.00	0.03
7.70	91.29	0.49	3.52	1.00	0.04	7.71	91.45	0.49	3.52	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	93.33	0.50	3.45	1.00	0.03	7.73	93.28	0.50	3.45	1.00	0.03
7.74	93.48	0.50	3.44	1.00	0.03	7.75	94.31	0.50	3.41	1.00	0.03
7.76	95.64	0.51	3.36	1.00	0.03	7.77	97.54	0.52	3.30	1.00	0.03
7.78	98.45	0.53	3.26	1.00	0.03	7.79	97.58	0.52	3.29	1.00	0.03
7.80	97.53	0.52	3.30	1.00	0.03	7.81	96.76	0.52	3.32	1.00	0.03
7.82	95.99	0.51	3.35	1.00	0.03	7.83	95.08	0.51	3.38	1.00	0.03
7.84	94.56	0.50	3.40	1.00	0.03	7.85	94.21	0.50	3.41	1.00	0.03
7.86	94.61	0.50	3.40	1.00	0.03	7.87	94.57	0.50	3.40	1.00	0.03
7.88	94.48	0.50	3.40	1.00	0.03	7.89	94.06	0.50	3.42	1.00	0.03
7.90	93.33	0.50	3.45	1.00	0.03	7.91	92.50	0.49	3.48	1.00	0.03
7.92	90.20	0.48	3.56	1.00	0.04	7.93	93.00	0.49	3.46	1.00	0.03
7.94	90.49	0.48	3.55	1.00	0.04	7.95	94.82	0.51	3.39	1.00	0.03
7.96	93.58	0.50	3.44	1.00	0.03	7.97	94.31	0.50	3.41	1.00	0.03
7.98	93.38	0.50	3.44	1.00	0.03	7.99	83.12	0.45	3.86	1.00	0.04
8.00	81.26	0.44	3.95	1.00	0.04	8.01	78.81	0.43	4.07	1.00	0.04
8.02	82.68	0.44	3.88	1.00	0.04	8.03	86.42	0.46	3.72	1.00	0.04
8.04	89.53	0.48	3.59	1.00	0.04	8.05	91.85	0.49	3.50	1.00	0.04
8.06	91.13	0.48	3.53	1.00	0.04	8.07	89.58	0.48	3.59	1.00	0.04
8.08	84.84	0.45	3.79	1.00	0.04	8.09	84.79	0.45	3.79	1.00	0.04
8.10	82.78	0.44	3.88	1.00	0.04	8.11	80.66	0.44	3.98	1.00	0.04
8.12	78.66	0.43	4.07	1.00	0.04	8.13	77.20	0.42	4.15	1.00	0.04
8.14	76.12	0.42	4.20	1.00	0.04	8.15	76.44	0.42	4.19	1.00	0.04
8.16	77.71	0.42	4.12	1.00	0.04	8.17	77.71	0.42	4.12	1.00	0.04
8.18	78.72	0.43	4.07	1.00	0.04	8.19	80.12	0.43	4.00	1.00	0.04
8.20	82.16	0.44	3.91	1.00	0.04	8.21	83.81	0.45	3.83	1.00	0.04
8.22	86.71	0.46	3.71	1.00	0.04	8.23	88.08	0.47	3.65	1.00	0.04
8.24	91.10	0.48	3.53	1.00	0.04	8.25	91.05	0.48	3.53	1.00	0.04
8.26	93.04	0.50	3.46	1.00	0.03	8.27	95.40	0.51	3.37	1.00	0.03
8.28	100.55	0.54	3.20	1.00	0.03	8.29	102.81	0.56	3.12	1.00	0.03
8.30	105.50	0.58	3.04	1.00	0.03	8.31	105.45	0.58	3.04	1.00	0.03
8.32	106.95	0.59	3.00	1.00	0.03	8.33	107.16	0.59	2.99	1.00	0.03
8.34	106.24	0.58	3.02	1.00	0.03	8.35	103.44	0.56	3.10	1.00	0.03
8.36	96.03	0.51	3.35	1.00	0.03	8.37	90.73	0.48	3.54	1.00	0.04
8.38	78.06	0.43	4.10	1.00	0.04	8.39	86.54	0.46	3.71	1.00	0.04
8.40	89.31	0.48	3.60	1.00	0.04	8.41	98.93	0.53	3.25	1.00	0.03
8.42	96.28	0.51	3.34	1.00	0.03	8.43	96.63	0.52	3.33	1.00	0.03
8.44	85.22	0.46	3.77	1.00	0.04	8.45	87.80	0.47	3.66	1.00	0.04
8.46	24.32	2.00	0.00	1.00	0.00	8.47	21.08	2.00	0.00	1.00	0.00
8.48	19.23	2.00	0.00	1.00	0.00	8.49	18.14	2.00	0.00	1.00	0.00
8.50	15.92	2.00	0.00	1.00	0.00	8.51	14.19	2.00	0.00	1.00	0.00
8.52	11.74	2.00	0.00	1.00	0.00	8.53	11.73	2.00	0.00	1.00	0.00
8.54	10.75	2.00	0.00	1.00	0.00	8.55	10.31	2.00	0.00	1.00	0.00
8.56	9.86	2.00	0.00	1.00	0.00	8.57	9.58	2.00	0.00	1.00	0.00
8.58	9.47	2.00	0.00	1.00	0.00	8.59	8.97	2.00	0.00	1.00	0.00
8.60	8.86	2.00	0.00	1.00	0.00	8.61	8.58	2.00	0.00	1.00	0.00
8.62	8.57	2.00	0.00	1.00	0.00	8.63	8.30	2.00	0.00	1.00	0.00
8.64	8.08	2.00	0.00	1.00	0.00	8.65	7.80	2.00	0.00	1.00	0.00
8.66	7.25	2.00	0.00	1.00	0.00	8.67	7.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	6.48	2.00	0.00	1.00	0.00	8.69	6.48	2.00	0.00	1.00	0.00
8.70	6.09	2.00	0.00	1.00	0.00	8.71	5.98	2.00	0.00	1.00	0.00
8.72	6.14	2.00	0.00	1.00	0.00	8.73	6.41	2.00	0.00	1.00	0.00
8.74	7.06	2.00	0.00	1.00	0.00	8.75	7.38	2.00	0.00	1.00	0.00
8.76	7.54	2.00	0.00	1.00	0.00	8.77	7.54	2.00	0.00	1.00	0.00
8.78	7.70	2.00	0.00	1.00	0.00	8.79	7.80	2.00	0.00	1.00	0.00
8.80	7.79	2.00	0.00	1.00	0.00	8.81	7.95	2.00	0.00	1.00	0.00
8.82	8.27	2.00	0.00	1.00	0.00	8.83	8.54	2.00	0.00	1.00	0.00
8.84	8.96	2.00	0.00	1.00	0.00	8.85	8.96	2.00	0.00	1.00	0.00
8.86	9.11	2.00	0.00	1.00	0.00	8.87	9.06	2.00	0.00	1.00	0.00
8.88	9.00	2.00	0.00	1.00	0.00	8.89	9.05	2.00	0.00	1.00	0.00
8.90	9.05	2.00	0.00	1.00	0.00	8.91	9.21	2.00	0.00	1.00	0.00
8.92	9.20	2.00	0.00	1.00	0.00	8.93	9.30	2.00	0.00	1.00	0.00
8.94	9.46	2.00	0.00	1.00	0.00	8.95	9.72	2.00	0.00	1.00	0.00
8.96	9.82	2.00	0.00	1.00	0.00	8.97	10.45	2.00	0.00	1.00	0.00
8.98	10.71	2.00	0.00	1.00	0.00	8.99	10.71	2.00	0.00	1.00	0.00
9.00	10.92	2.00	0.00	1.00	0.00	9.01	10.91	2.00	0.00	1.00	0.00
9.02	11.33	2.00	0.00	1.00	0.00	9.03	11.75	2.00	0.00	1.00	0.00
9.04	11.70	2.00	0.00	1.00	0.00	9.05	11.69	2.00	0.00	1.00	0.00
9.06	11.52	2.00	0.00	1.00	0.00	9.07	11.52	2.00	0.00	1.00	0.00
9.08	11.67	2.00	0.00	1.00	0.00	9.09	11.66	2.00	0.00	1.00	0.00
9.10	11.82	2.00	0.00	1.00	0.00	9.11	11.85	2.00	0.00	1.00	0.00
9.12	11.90	2.00	0.00	1.00	0.00	9.13	12.11	2.00	0.00	1.00	0.00
9.14	12.73	2.00	0.00	1.00	0.00	9.15	12.78	2.00	0.00	1.00	0.00
9.16	13.30	2.00	0.00	1.00	0.00	9.17	13.30	2.00	0.00	1.00	0.00
9.18	13.39	2.00	0.00	1.00	0.00	9.19	13.28	2.00	0.00	1.00	0.00
9.20	13.16	2.00	0.00	1.00	0.00	9.21	12.89	2.00	0.00	1.00	0.00
9.22	12.89	2.00	0.00	1.00	0.00	9.23	12.82	2.00	0.00	1.00	0.00
9.24	12.82	2.00	0.00	1.00	0.00	9.25	12.65	2.00	0.00	1.00	0.00
9.26	12.44	2.00	0.00	1.00	0.00	9.27	12.22	2.00	0.00	1.00	0.00
9.28	11.96	2.00	0.00	1.00	0.00	9.29	11.53	2.00	0.00	1.00	0.00
9.30	11.27	2.00	0.00	1.00	0.00	9.31	10.95	2.00	0.00	1.00	0.00
9.32	10.94	2.00	0.00	1.00	0.00	9.33	10.93	2.00	0.00	1.00	0.00
9.34	11.03	2.00	0.00	1.00	0.00	9.35	11.02	2.00	0.00	1.00	0.00
9.36	10.76	2.00	0.00	1.00	0.00	9.37	9.28	2.00	0.00	1.00	0.00
9.38	9.23	2.00	0.00	1.00	0.00	9.39	9.27	2.00	0.00	1.00	0.00
9.40	9.27	2.00	0.00	1.00	0.00	9.41	8.96	2.00	0.00	1.00	0.00
9.42	8.84	2.00	0.00	1.00	0.00	9.43	8.63	2.00	0.00	1.00	0.00
9.44	8.52	2.00	0.00	1.00	0.00	9.45	9.04	2.00	0.00	1.00	0.00
9.46	9.86	2.00	0.00	1.00	0.00	9.47	9.86	2.00	0.00	1.00	0.00
9.48	9.91	2.00	0.00	1.00	0.00	9.49	9.80	2.00	0.00	1.00	0.00
9.50	10.11	2.00	0.00	1.00	0.00	9.51	10.11	2.00	0.00	1.00	0.00
9.52	9.89	2.00	0.00	1.00	0.00	9.53	9.20	2.00	0.00	1.00	0.00
9.54	9.05	2.00	0.00	1.00	0.00	9.55	8.78	2.00	0.00	1.00	0.00
9.56	8.78	2.00	0.00	1.00	0.00	9.57	8.46	2.00	0.00	1.00	0.00
9.58	7.84	2.00	0.00	1.00	0.00	9.59	7.37	2.00	0.00	1.00	0.00
9.60	7.05	2.00	0.00	1.00	0.00	9.61	6.58	2.00	0.00	1.00	0.00
9.62	6.52	2.00	0.00	1.00	0.00	9.63	6.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	6.47	2.00	0.00	1.00	0.00	9.65	6.47	2.00	0.00	1.00	0.00
9.66	6.62	2.00	0.00	1.00	0.00	9.67	6.72	2.00	0.00	1.00	0.00
9.68	6.81	2.00	0.00	1.00	0.00	9.69	7.12	2.00	0.00	1.00	0.00
9.70	7.06	2.00	0.00	1.00	0.00	9.71	6.76	2.00	0.00	1.00	0.00
9.72	6.76	2.00	0.00	1.00	0.00	9.73	6.75	2.00	0.00	1.00	0.00
9.74	6.85	2.00	0.00	1.00	0.00	9.75	6.95	2.00	0.00	1.00	0.00
9.76	7.04	2.00	0.00	1.00	0.00	9.77	7.30	2.00	0.00	1.00	0.00
9.78	7.35	2.00	0.00	1.00	0.00	9.79	7.45	2.00	0.00	1.00	0.00
9.80	7.45	2.00	0.00	1.00	0.00	9.81	7.49	2.00	0.00	1.00	0.00
9.82	7.54	2.00	0.00	1.00	0.00	9.83	7.69	2.00	0.00	1.00	0.00
9.84	7.79	2.00	0.00	1.00	0.00	9.85	7.84	2.00	0.00	1.00	0.00
9.86	7.83	2.00	0.00	1.00	0.00	9.87	7.73	2.00	0.00	1.00	0.00
9.88	7.73	2.00	0.00	1.00	0.00	9.89	7.57	2.00	0.00	1.00	0.00
9.90	7.46	2.00	0.00	1.00	0.00	9.91	7.45	2.00	0.00	1.00	0.00
9.92	7.45	2.00	0.00	1.00	0.00	9.93	7.29	2.00	0.00	1.00	0.00
9.94	7.24	2.00	0.00	1.00	0.00	9.95	6.98	2.00	0.00	1.00	0.00
9.96	6.97	2.00	0.00	1.00	0.00	9.97	7.02	2.00	0.00	1.00	0.00
9.98	7.07	2.00	0.00	1.00	0.00	9.99	6.87	2.00	0.00	1.00	0.00
10.00	6.87	2.00	0.00	1.00	0.00	10.01	6.80	2.00	0.00	1.00	0.00
10.02	7.10	2.00	0.00	1.00	0.00	10.03	7.25	2.00	0.00	1.00	0.00
10.04	7.46	2.00	0.00	1.00	0.00	10.05	7.61	2.00	0.00	1.00	0.00
10.06	7.86	2.00	0.00	1.00	0.00	10.07	7.85	2.00	0.00	1.00	0.00
10.08	7.95	2.00	0.00	1.00	0.00	10.09	8.05	2.00	0.00	1.00	0.00
10.10	8.15	2.00	0.00	1.00	0.00	10.11	8.20	2.00	0.00	1.00	0.00
10.12	8.29	2.00	0.00	1.00	0.00	10.13	8.29	2.00	0.00	1.00	0.00
10.14	8.08	2.00	0.00	1.00	0.00	10.15	8.07	2.00	0.00	1.00	0.00
10.16	7.97	2.00	0.00	1.00	0.00	10.17	7.87	2.00	0.00	1.00	0.00
10.18	7.76	2.00	0.00	1.00	0.00	10.19	7.81	2.00	0.00	1.00	0.00
10.20	7.80	2.00	0.00	1.00	0.00	10.21	7.60	2.00	0.00	1.00	0.00
10.22	7.60	2.00	0.00	1.00	0.00	10.23	7.49	2.00	0.00	1.00	0.00
10.24	7.39	2.00	0.00	1.00	0.00	10.25	7.14	2.00	0.00	1.00	0.00
10.26	6.58	2.00	0.00	1.00	0.00	10.27	6.43	2.00	0.00	1.00	0.00
10.28	6.01	2.00	0.00	1.00	0.00	10.29	6.01	2.00	0.00	1.00	0.00
10.30	5.91	2.00	0.00	1.00	0.00	10.31	5.75	2.00	0.00	1.00	0.00
10.32	5.70	2.00	0.00	1.00	0.00	10.33	5.65	2.00	0.00	1.00	0.00
10.34	5.55	2.00	0.00	1.00	0.00	10.35	5.40	2.00	0.00	1.00	0.00
10.36	5.40	2.00	0.00	1.00	0.00	10.37	5.24	2.00	0.00	1.00	0.00
10.38	5.24	2.00	0.00	1.00	0.00	10.39	5.13	2.00	0.00	1.00	0.00
10.40	4.98	2.00	0.00	1.00	0.00	10.41	4.82	2.00	0.00	1.00	0.00
10.42	4.57	2.00	0.00	1.00	0.00	10.43	4.47	2.00	0.00	1.00	0.00
10.44	4.27	2.00	0.00	1.00	0.00	10.45	4.26	2.00	0.00	1.00	0.00
10.46	4.17	2.00	0.00	1.00	0.00	10.47	4.07	2.00	0.00	1.00	0.00
10.48	3.91	2.00	0.00	1.00	0.00	10.49	3.76	2.00	0.00	1.00	0.00
10.50	3.65	2.00	0.00	1.00	0.00	10.51	3.55	2.00	0.00	1.00	0.00
10.52	3.40	2.00	0.00	1.00	0.00	10.53	3.30	2.00	0.00	1.00	0.00
10.54	3.15	2.00	0.00	1.00	0.00	10.55	3.15	2.00	0.00	1.00	0.00
10.56	3.10	2.00	0.00	1.00	0.00	10.57	3.00	2.00	0.00	1.00	0.00
10.58	2.94	2.00	0.00	1.00	0.00	10.59	2.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	2.79	2.00	0.00	1.00	0.00	10.61	2.75	2.00	0.00	1.00	0.00
10.62	2.75	2.00	0.00	1.00	0.00	10.63	2.74	2.00	0.00	1.00	0.00
10.64	2.74	2.00	0.00	1.00	0.00	10.65	2.69	2.00	0.00	1.00	0.00
10.66	2.69	2.00	0.00	1.00	0.00	10.67	2.69	2.00	0.00	1.00	0.00
10.68	2.63	2.00	0.00	1.00	0.00	10.69	2.63	2.00	0.00	1.00	0.00
10.70	2.63	2.00	0.00	1.00	0.00	10.71	2.63	2.00	0.00	1.00	0.00
10.72	2.63	2.00	0.00	1.00	0.00	10.73	2.63	2.00	0.00	1.00	0.00
10.74	2.63	2.00	0.00	1.00	0.00	10.75	2.58	2.00	0.00	1.00	0.00
10.76	2.53	2.00	0.00	1.00	0.00	10.77	2.53	2.00	0.00	1.00	0.00
10.78	2.48	2.00	0.00	1.00	0.00	10.79	2.48	2.00	0.00	1.00	0.00
10.80	2.48	2.00	0.00	1.00	0.00	10.81	2.48	2.00	0.00	1.00	0.00
10.82	2.48	2.00	0.00	1.00	0.00	10.83	2.48	2.00	0.00	1.00	0.00
10.84	2.52	2.00	0.00	1.00	0.00	10.85	2.57	2.00	0.00	1.00	0.00
10.86	2.72	2.00	0.00	1.00	0.00	10.87	2.72	2.00	0.00	1.00	0.00
10.88	2.81	2.00	0.00	1.00	0.00	10.89	2.86	2.00	0.00	1.00	0.00
10.90	3.01	2.00	0.00	1.00	0.00	10.91	3.11	2.00	0.00	1.00	0.00
10.92	3.25	2.00	0.00	1.00	0.00	10.93	3.64	2.00	0.00	1.00	0.00
10.94	3.84	2.00	0.00	1.00	0.00	10.95	4.28	2.00	0.00	1.00	0.00
10.96	4.28	2.00	0.00	1.00	0.00	10.97	4.52	2.00	0.00	1.00	0.00
10.98	4.76	2.00	0.00	1.00	0.00	10.99	4.76	2.00	0.00	1.00	0.00
11.00	5.54	2.00	0.00	1.00	0.00	11.01	5.54	2.00	0.00	1.00	0.00
11.02	5.98	2.00	0.00	1.00	0.00	11.03	6.27	2.00	0.00	1.00	0.00
11.04	6.80	2.00	0.00	1.00	0.00	11.05	7.09	2.00	0.00	1.00	0.00
11.06	7.67	2.00	0.00	1.00	0.00	11.07	7.67	2.00	0.00	1.00	0.00
11.08	7.91	2.00	0.00	1.00	0.00	11.09	8.10	2.00	0.00	1.00	0.00
11.10	8.25	2.00	0.00	1.00	0.00	11.11	8.44	2.00	0.00	1.00	0.00
11.12	8.48	2.00	0.00	1.00	0.00	11.13	8.72	2.00	0.00	1.00	0.00
11.14	8.71	2.00	0.00	1.00	0.00	11.15	8.91	2.00	0.00	1.00	0.00
11.16	9.05	2.00	0.00	1.00	0.00	11.17	9.04	2.00	0.00	1.00	0.00
11.18	9.09	2.00	0.00	1.00	0.00	11.19	9.13	2.00	0.00	1.00	0.00
11.20	9.12	2.00	0.00	1.00	0.00	11.21	9.32	2.00	0.00	1.00	0.00
11.22	9.31	2.00	0.00	1.00	0.00	11.23	9.31	2.00	0.00	1.00	0.00
11.24	9.30	2.00	0.00	1.00	0.00	11.25	9.35	2.00	0.00	1.00	0.00
11.26	9.39	2.00	0.00	1.00	0.00	11.27	9.34	2.00	0.00	1.00	0.00
11.28	9.28	2.00	0.00	1.00	0.00	11.29	9.19	2.00	0.00	1.00	0.00
11.30	9.18	2.00	0.00	1.00	0.00	11.31	9.22	2.00	0.00	1.00	0.00
11.32	9.21	2.00	0.00	1.00	0.00	11.33	9.21	2.00	0.00	1.00	0.00
11.34	9.21	2.00	0.00	1.00	0.00	11.35	9.20	2.00	0.00	1.00	0.00
11.36	9.20	2.00	0.00	1.00	0.00	11.37	9.30	2.00	0.00	1.00	0.00
11.38	9.29	2.00	0.00	1.00	0.00	11.39	9.33	2.00	0.00	1.00	0.00
11.40	9.42	2.00	0.00	1.00	0.00	11.41	9.56	2.00	0.00	1.00	0.00
11.42	9.65	2.00	0.00	1.00	0.00	11.43	9.74	2.00	0.00	1.00	0.00
11.44	9.79	2.00	0.00	1.00	0.00	11.45	9.93	2.00	0.00	1.00	0.00
11.46	9.92	2.00	0.00	1.00	0.00	11.47	10.06	2.00	0.00	1.00	0.00
11.48	10.20	2.00	0.00	1.00	0.00	11.49	10.33	2.00	0.00	1.00	0.00
11.50	10.52	2.00	0.00	1.00	0.00	11.51	10.66	2.00	0.00	1.00	0.00
11.52	10.94	2.00	0.00	1.00	0.00	11.53	10.93	2.00	0.00	1.00	0.00
11.54	10.73	2.00	0.00	1.00	0.00	11.55	10.69	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	10.63	2.00	0.00	1.00	0.00	11.57	10.54	2.00	0.00	1.00	0.00
11.58	10.43	2.00	0.00	1.00	0.00	11.59	10.28	2.00	0.00	1.00	0.00
11.60	9.90	2.00	0.00	1.00	0.00	11.61	9.89	2.00	0.00	1.00	0.00
11.62	9.80	2.00	0.00	1.00	0.00	11.63	9.60	2.00	0.00	1.00	0.00
11.64	9.45	2.00	0.00	1.00	0.00	11.65	9.35	2.00	0.00	1.00	0.00
11.66	9.30	2.00	0.00	1.00	0.00	11.67	9.16	2.00	0.00	1.00	0.00
11.68	9.16	2.00	0.00	1.00	0.00	11.69	9.10	2.00	0.00	1.00	0.00
11.70	9.05	2.00	0.00	1.00	0.00	11.71	9.00	2.00	0.00	1.00	0.00
11.72	9.00	2.00	0.00	1.00	0.00	11.73	9.14	2.00	0.00	1.00	0.00
11.74	8.94	2.00	0.00	1.00	0.00	11.75	8.89	2.00	0.00	1.00	0.00
11.76	8.88	2.00	0.00	1.00	0.00	11.77	8.88	2.00	0.00	1.00	0.00
11.78	8.83	2.00	0.00	1.00	0.00	11.79	8.83	2.00	0.00	1.00	0.00
11.80	8.97	2.00	0.00	1.00	0.00	11.81	8.86	2.00	0.00	1.00	0.00
11.82	8.71	2.00	0.00	1.00	0.00	11.83	8.43	2.00	0.00	1.00	0.00
11.84	8.42	2.00	0.00	1.00	0.00	11.85	8.28	2.00	0.00	1.00	0.00
11.86	8.14	2.00	0.00	1.00	0.00	11.87	8.00	2.00	0.00	1.00	0.00
11.88	7.80	2.00	0.00	1.00	0.00	11.89	7.52	2.00	0.00	1.00	0.00
11.90	7.32	2.00	0.00	1.00	0.00	11.91	6.95	2.00	0.00	1.00	0.00
11.92	6.94	2.00	0.00	1.00	0.00	11.93	6.80	2.00	0.00	1.00	0.00
11.94	6.65	2.00	0.00	1.00	0.00	11.95	6.51	2.00	0.00	1.00	0.00
11.96	6.37	2.00	0.00	1.00	0.00	11.97	6.09	2.00	0.00	1.00	0.00
11.98	6.04	2.00	0.00	1.00	0.00	11.99	6.09	2.00	0.00	1.00	0.00
12.00	6.08	2.00	0.00	1.00	0.00	12.01	7.39	2.00	0.00	1.00	0.00
12.02	8.60	2.00	0.00	1.00	0.00	12.03	10.60	2.00	0.00	1.00	0.00
12.04	12.92	2.00	0.00	1.00	0.00	12.05	16.22	2.00	0.00	1.00	0.00
12.06	76.44	0.43	4.19	1.00	0.04	12.07	83.56	0.46	3.84	1.00	0.04
12.08	83.49	0.46	3.85	1.00	0.04	12.09	85.39	0.47	3.76	1.00	0.04
12.10	84.31	0.47	3.81	1.00	0.04	12.11	84.47	0.47	3.80	1.00	0.04
12.12	83.99	0.46	3.82	1.00	0.04	12.13	83.55	0.46	3.84	1.00	0.04
12.14	82.75	0.46	3.88	1.00	0.04	12.15	83.23	0.46	3.86	1.00	0.04
12.16	81.70	0.45	3.93	1.00	0.04	12.17	83.38	0.46	3.85	1.00	0.04
12.18	80.84	0.45	3.97	1.00	0.04	12.19	80.90	0.45	3.97	1.00	0.04
12.20	79.79	0.45	4.02	1.00	0.04	12.21	77.61	0.44	4.13	1.00	0.04
12.22	77.60	0.44	4.13	1.00	0.04	12.23	74.51	0.43	4.29	1.00	0.04
12.24	74.99	0.43	4.26	1.00	0.04	12.25	72.17	0.42	4.42	1.00	0.04
12.26	71.85	0.42	4.44	1.00	0.04	12.27	70.17	0.41	4.54	1.00	0.05
12.28	67.78	0.40	4.69	1.00	0.05	12.29	66.82	0.40	4.75	1.00	0.05
12.30	64.90	0.39	4.88	1.00	0.05	12.31	68.04	0.40	4.67	1.00	0.05
12.32	66.63	0.40	4.76	1.00	0.05	12.33	69.13	0.41	4.60	1.00	0.05
12.34	71.76	0.42	4.44	1.00	0.04	12.35	74.70	0.43	4.28	1.00	0.04
12.36	80.41	0.45	3.99	1.00	0.04	12.37	82.55	0.46	3.89	1.00	0.04
12.38	85.45	0.47	3.76	1.00	0.04	12.39	85.41	0.47	3.76	1.00	0.04
12.40	86.53	0.48	3.71	1.00	0.04	12.41	87.09	0.48	3.69	1.00	0.04
12.42	87.28	0.48	3.68	1.00	0.04	12.43	86.83	0.48	3.70	1.00	0.04
12.44	85.93	0.48	3.74	1.00	0.04	12.45	83.43	0.46	3.85	1.00	0.04
12.46	83.55	0.47	3.84	1.00	0.04	12.47	82.45	0.46	3.89	1.00	0.04
12.48	82.09	0.46	3.91	1.00	0.04	12.49	82.30	0.46	3.90	1.00	0.04
12.50	83.63	0.47	3.84	1.00	0.04	12.51	84.37	0.47	3.81	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	85.46	0.47	3.76	1.00	0.04	12.53	85.40	0.47	3.76	1.00	0.04
12.54	85.53	0.48	3.76	1.00	0.04	12.55	85.67	0.48	3.75	1.00	0.04
12.56	85.08	0.47	3.78	1.00	0.04	12.57	85.27	0.47	3.77	1.00	0.04
12.58	84.19	0.47	3.82	1.00	0.04	12.59	86.98	0.48	3.70	1.00	0.04
12.60	85.17	0.47	3.77	1.00	0.04	12.61	90.40	0.50	3.56	1.00	0.04
12.62	90.54	0.50	3.55	1.00	0.04	12.63	91.96	0.51	3.50	1.00	0.03
12.64	94.51	0.52	3.40	1.00	0.03	12.65	91.76	0.51	3.50	1.00	0.04
12.66	93.50	0.52	3.44	1.00	0.03	12.67	86.96	0.48	3.70	1.00	0.04
12.68	89.46	0.50	3.59	1.00	0.04	12.69	86.35	0.48	3.72	1.00	0.04
12.70	83.77	0.47	3.83	1.00	0.04	12.71	22.81	2.00	0.00	1.00	0.00
12.72	20.22	2.00	0.00	1.00	0.00	12.73	17.49	2.00	0.00	1.00	0.00
12.74	16.39	2.00	0.00	1.00	0.00	12.75	13.62	2.00	0.00	1.00	0.00
12.76	13.62	2.00	0.00	1.00	0.00	12.77	12.52	2.00	0.00	1.00	0.00
12.78	11.61	2.00	0.00	1.00	0.00	12.79	10.89	2.00	0.00	1.00	0.00
12.80	10.38	2.00	0.00	1.00	0.00	12.81	9.34	2.00	0.00	1.00	0.00
12.82	8.97	2.00	0.00	1.00	0.00	12.83	8.33	2.00	0.00	1.00	0.00
12.84	8.33	2.00	0.00	1.00	0.00	12.85	8.24	2.00	0.00	1.00	0.00
12.86	8.24	2.00	0.00	1.00	0.00	12.87	8.46	2.00	0.00	1.00	0.00
12.88	8.55	2.00	0.00	1.00	0.00	12.89	8.58	2.00	0.00	1.00	0.00
12.90	8.58	2.00	0.00	1.00	0.00	12.91	8.76	2.00	0.00	1.00	0.00
12.92	8.89	2.00	0.00	1.00	0.00	12.93	9.02	2.00	0.00	1.00	0.00
12.94	8.97	2.00	0.00	1.00	0.00	12.95	9.06	2.00	0.00	1.00	0.00
12.96	9.01	2.00	0.00	1.00	0.00	12.97	8.87	2.00	0.00	1.00	0.00
12.98	8.87	2.00	0.00	1.00	0.00	12.99	8.87	2.00	0.00	1.00	0.00
13.00	8.86	2.00	0.00	1.00	0.00	13.01	9.03	2.00	0.00	1.00	0.00
13.02	9.13	2.00	0.00	1.00	0.00	13.03	9.26	2.00	0.00	1.00	0.00
13.04	9.61	2.00	0.00	1.00	0.00	13.05	9.78	2.00	0.00	1.00	0.00
13.06	9.74	2.00	0.00	1.00	0.00	13.07	9.73	2.00	0.00	1.00	0.00
13.08	9.77	2.00	0.00	1.00	0.00	13.09	9.90	2.00	0.00	1.00	0.00
13.10	9.99	2.00	0.00	1.00	0.00	13.11	9.85	2.00	0.00	1.00	0.00
13.12	9.40	2.00	0.00	1.00	0.00	13.13	9.39	2.00	0.00	1.00	0.00
13.14	9.26	2.00	0.00	1.00	0.00	13.15	9.17	2.00	0.00	1.00	0.00
13.16	9.25	2.00	0.00	1.00	0.00	13.17	9.34	2.00	0.00	1.00	0.00
13.18	9.38	2.00	0.00	1.00	0.00	13.19	9.77	2.00	0.00	1.00	0.00
13.20	9.77	2.00	0.00	1.00	0.00	13.21	10.08	2.00	0.00	1.00	0.00
13.22	10.38	2.00	0.00	1.00	0.00	13.23	10.69	2.00	0.00	1.00	0.00
13.24	10.96	2.00	0.00	1.00	0.00	13.25	11.39	2.00	0.00	1.00	0.00
13.26	11.39	2.00	0.00	1.00	0.00	13.27	11.30	2.00	0.00	1.00	0.00
13.28	11.29	2.00	0.00	1.00	0.00	13.29	11.16	2.00	0.00	1.00	0.00
13.30	11.07	2.00	0.00	1.00	0.00	13.31	10.97	2.00	0.00	1.00	0.00
13.32	11.19	2.00	0.00	1.00	0.00	13.33	11.31	2.00	0.00	1.00	0.00
13.34	11.53	2.00	0.00	1.00	0.00	13.35	11.53	2.00	0.00	1.00	0.00
13.36	11.56	2.00	0.00	1.00	0.00	13.37	11.47	2.00	0.00	1.00	0.00
13.38	11.38	2.00	0.00	1.00	0.00	13.39	11.51	2.00	0.00	1.00	0.00
13.40	11.37	2.00	0.00	1.00	0.00	13.41	10.92	2.00	0.00	1.00	0.00
13.42	10.91	2.00	0.00	1.00	0.00	13.43	10.82	2.00	0.00	1.00	0.00
13.44	10.60	2.00	0.00	1.00	0.00	13.45	10.46	2.00	0.00	1.00	0.00
13.46	10.28	2.00	0.00	1.00	0.00	13.47	10.24	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	10.10	2.00	0.00	1.00	0.00	13.49	10.10	2.00	0.00	1.00	0.00
13.50	9.96	2.00	0.00	1.00	0.00	13.51	9.78	2.00	0.00	1.00	0.00
13.52	9.77	2.00	0.00	1.00	0.00	13.53	9.64	2.00	0.00	1.00	0.00
13.54	9.37	2.00	0.00	1.00	0.00	13.55	9.19	2.00	0.00	1.00	0.00
13.56	8.66	2.00	0.00	1.00	0.00	13.57	8.66	2.00	0.00	1.00	0.00
13.58	8.31	2.00	0.00	1.00	0.00	13.59	8.04	2.00	0.00	1.00	0.00
13.60	7.77	2.00	0.00	1.00	0.00	13.61	7.33	2.00	0.00	1.00	0.00
13.62	7.06	2.00	0.00	1.00	0.00	13.63	6.63	2.00	0.00	1.00	0.00
13.64	6.62	2.00	0.00	1.00	0.00	13.65	6.40	2.00	0.00	1.00	0.00
13.66	6.14	2.00	0.00	1.00	0.00	13.67	5.87	2.00	0.00	1.00	0.00
13.68	5.74	2.00	0.00	1.00	0.00	13.69	5.61	2.00	0.00	1.00	0.00
13.70	5.47	2.00	0.00	1.00	0.00	13.71	5.29	2.00	0.00	1.00	0.00
13.72	5.29	2.00	0.00	1.00	0.00	13.73	5.25	2.00	0.00	1.00	0.00
13.74	5.16	2.00	0.00	1.00	0.00	13.75	5.16	2.00	0.00	1.00	0.00
13.76	5.20	2.00	0.00	1.00	0.00	13.77	5.33	2.00	0.00	1.00	0.00
13.78	5.67	2.00	0.00	1.00	0.00	13.79	5.67	2.00	0.00	1.00	0.00
13.80	5.93	2.00	0.00	1.00	0.00	13.81	6.14	2.00	0.00	1.00	0.00
13.82	6.32	2.00	0.00	1.00	0.00	13.83	6.49	2.00	0.00	1.00	0.00
13.84	6.49	2.00	0.00	1.00	0.00	13.85	6.66	2.00	0.00	1.00	0.00
13.86	7.18	2.00	0.00	1.00	0.00	13.87	7.18	2.00	0.00	1.00	0.00
13.88	7.39	2.00	0.00	1.00	0.00	13.89	7.48	2.00	0.00	1.00	0.00
13.90	7.30	2.00	0.00	1.00	0.00	13.91	7.08	2.00	0.00	1.00	0.00
13.92	7.03	2.00	0.00	1.00	0.00	13.93	7.11	2.00	0.00	1.00	0.00
13.94	7.11	2.00	0.00	1.00	0.00	13.95	7.11	2.00	0.00	1.00	0.00
13.96	7.11	2.00	0.00	1.00	0.00	13.97	7.10	2.00	0.00	1.00	0.00
13.98	7.15	2.00	0.00	1.00	0.00	13.99	7.19	2.00	0.00	1.00	0.00
14.00	7.19	2.00	0.00	1.00	0.00	14.01	7.92	2.00	0.00	1.00	0.00
14.02	7.95	2.00	0.00	1.00	0.00	14.03	7.82	2.00	0.00	1.00	0.00
14.04	7.78	2.00	0.00	1.00	0.00	14.05	7.73	2.00	0.00	1.00	0.00
14.06	7.73	2.00	0.00	1.00	0.00	14.07	7.86	2.00	0.00	1.00	0.00
14.08	8.03	2.00	0.00	1.00	0.00	14.09	8.41	2.00	0.00	1.00	0.00
14.10	8.63	2.00	0.00	1.00	0.00	14.11	8.88	2.00	0.00	1.00	0.00
14.12	8.88	2.00	0.00	1.00	0.00	14.13	8.96	2.00	0.00	1.00	0.00
14.14	9.04	2.00	0.00	1.00	0.00	14.15	9.21	2.00	0.00	1.00	0.00
14.16	9.42	2.00	0.00	1.00	0.00	14.17	9.72	2.00	0.00	1.00	0.00
14.18	9.98	2.00	0.00	1.00	0.00	14.19	10.32	2.00	0.00	1.00	0.00
14.20	10.31	2.00	0.00	1.00	0.00	14.21	10.39	2.00	0.00	1.00	0.00
14.22	10.52	2.00	0.00	1.00	0.00	14.23	10.64	2.00	0.00	1.00	0.00
14.24	10.90	2.00	0.00	1.00	0.00	14.25	11.15	2.00	0.00	1.00	0.00
14.26	11.44	2.00	0.00	1.00	0.00	14.27	11.44	2.00	0.00	1.00	0.00
14.28	11.65	2.00	0.00	1.00	0.00	14.29	11.90	2.00	0.00	1.00	0.00
14.30	12.15	2.00	0.00	1.00	0.00	14.31	12.45	2.00	0.00	1.00	0.00
14.32	12.70	2.00	0.00	1.00	0.00	14.33	12.83	2.00	0.00	1.00	0.00
14.34	13.03	2.00	0.00	1.00	0.00	14.35	13.63	2.00	0.00	1.00	0.00
14.36	13.62	2.00	0.00	1.00	0.00	14.37	13.79	2.00	0.00	1.00	0.00
14.38	13.82	2.00	0.00	1.00	0.00	14.39	13.91	2.00	0.00	1.00	0.00
14.40	13.90	2.00	0.00	1.00	0.00	14.41	14.11	2.00	0.00	1.00	0.00
14.42	14.15	2.00	0.00	1.00	0.00	14.43	14.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	14.05	2.00	0.00	1.00	0.00	14.45	13.83	2.00	0.00	1.00	0.00
14.46	13.39	2.00	0.00	1.00	0.00	14.47	13.01	2.00	0.00	1.00	0.00
14.48	12.70	2.00	0.00	1.00	0.00	14.49	12.49	2.00	0.00	1.00	0.00
14.50	12.05	2.00	0.00	1.00	0.00	14.51	12.05	2.00	0.00	1.00	0.00
14.52	11.96	2.00	0.00	1.00	0.00	14.53	12.04	2.00	0.00	1.00	0.00
14.54	12.16	2.00	0.00	1.00	0.00	14.55	12.20	2.00	0.00	1.00	0.00
14.56	12.32	2.00	0.00	1.00	0.00	14.57	12.78	2.00	0.00	1.00	0.00
14.58	12.86	2.00	0.00	1.00	0.00	14.59	12.90	2.00	0.00	1.00	0.00
14.60	12.90	2.00	0.00	1.00	0.00	14.61	12.97	2.00	0.00	1.00	0.00
14.62	12.97	2.00	0.00	1.00	0.00	14.63	12.88	2.00	0.00	1.00	0.00
14.64	12.92	2.00	0.00	1.00	0.00	14.65	12.92	2.00	0.00	1.00	0.00
14.66	12.86	2.00	0.00	1.00	0.00	14.67	12.86	2.00	0.00	1.00	0.00
14.68	12.60	2.00	0.00	1.00	0.00	14.69	12.42	2.00	0.00	1.00	0.00
14.70	12.51	2.00	0.00	1.00	0.00	14.71	12.37	2.00	0.00	1.00	0.00
14.72	12.20	2.00	0.00	1.00	0.00	14.73	11.73	2.00	0.00	1.00	0.00
14.74	11.64	2.00	0.00	1.00	0.00	14.75	11.64	2.00	0.00	1.00	0.00
14.76	11.63	2.00	0.00	1.00	0.00	14.77	11.66	2.00	0.00	1.00	0.00
14.78	11.58	2.00	0.00	1.00	0.00	14.79	11.53	2.00	0.00	1.00	0.00
14.80	11.32	2.00	0.00	1.00	0.00	14.81	11.44	2.00	0.00	1.00	0.00
14.82	11.61	2.00	0.00	1.00	0.00	14.83	11.60	2.00	0.00	1.00	0.00
14.84	11.51	2.00	0.00	1.00	0.00	14.85	11.34	2.00	0.00	1.00	0.00
14.86	11.16	2.00	0.00	1.00	0.00	14.87	10.95	2.00	0.00	1.00	0.00
14.88	10.69	2.00	0.00	1.00	0.00	14.89	10.77	2.00	0.00	1.00	0.00
14.90	11.23	2.00	0.00	1.00	0.00	14.91	11.23	2.00	0.00	1.00	0.00
14.92	11.47	2.00	0.00	1.00	0.00	14.93	11.59	2.00	0.00	1.00	0.00
14.94	11.88	2.00	0.00	1.00	0.00	14.95	12.18	2.00	0.00	1.00	0.00
14.96	12.71	2.00	0.00	1.00	0.00	14.97	12.63	2.00	0.00	1.00	0.00
14.98	12.62	2.00	0.00	1.00	0.00	14.99	11.42	2.00	0.00	1.00	0.00
15.00	11.42	2.00	0.00	1.00	0.00	15.01	12.35	2.00	0.00	1.00	0.00
15.02	12.39	2.00	0.00	1.00	0.00	15.03	12.17	2.00	0.00	1.00	0.00
15.04	12.21	2.00	0.00	1.00	0.00	15.05	12.21	2.00	0.00	1.00	0.00
15.06	12.16	2.00	0.00	1.00	0.00	15.07	12.28	2.00	0.00	1.00	0.00
15.08	12.28	2.00	0.00	1.00	0.00	15.09	12.32	2.00	0.00	1.00	0.00
15.10	12.44	2.00	0.00	1.00	0.00	15.11	12.26	2.00	0.00	1.00	0.00
15.12	12.30	2.00	0.00	1.00	0.00	15.13	12.30	2.00	0.00	1.00	0.00
15.14	12.33	2.00	0.00	1.00	0.00	15.15	12.29	2.00	0.00	1.00	0.00
15.16	12.41	2.00	0.00	1.00	0.00	15.17	12.56	2.00	0.00	1.00	0.00
15.18	12.90	2.00	0.00	1.00	0.00	15.19	12.85	2.00	0.00	1.00	0.00
15.20	13.10	2.00	0.00	1.00	0.00	15.21	13.09	2.00	0.00	1.00	0.00
15.22	13.17	2.00	0.00	1.00	0.00	15.23	13.21	2.00	0.00	1.00	0.00
15.24	13.28	2.00	0.00	1.00	0.00	15.25	13.32	2.00	0.00	1.00	0.00
15.26	13.40	2.00	0.00	1.00	0.00	15.27	13.35	2.00	0.00	1.00	0.00
15.28	13.34	2.00	0.00	1.00	0.00	15.29	13.55	2.00	0.00	1.00	0.00
15.30	13.79	2.00	0.00	1.00	0.00	15.31	14.12	2.00	0.00	1.00	0.00
15.32	14.40	2.00	0.00	1.00	0.00	15.33	14.72	2.00	0.00	1.00	0.00
15.34	15.05	2.00	0.00	1.00	0.00	15.35	15.42	2.00	0.00	1.00	0.00
15.36	15.42	2.00	0.00	1.00	0.00	15.37	15.37	2.00	0.00	1.00	0.00
15.38	15.32	2.00	0.00	1.00	0.00	15.39	15.31	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

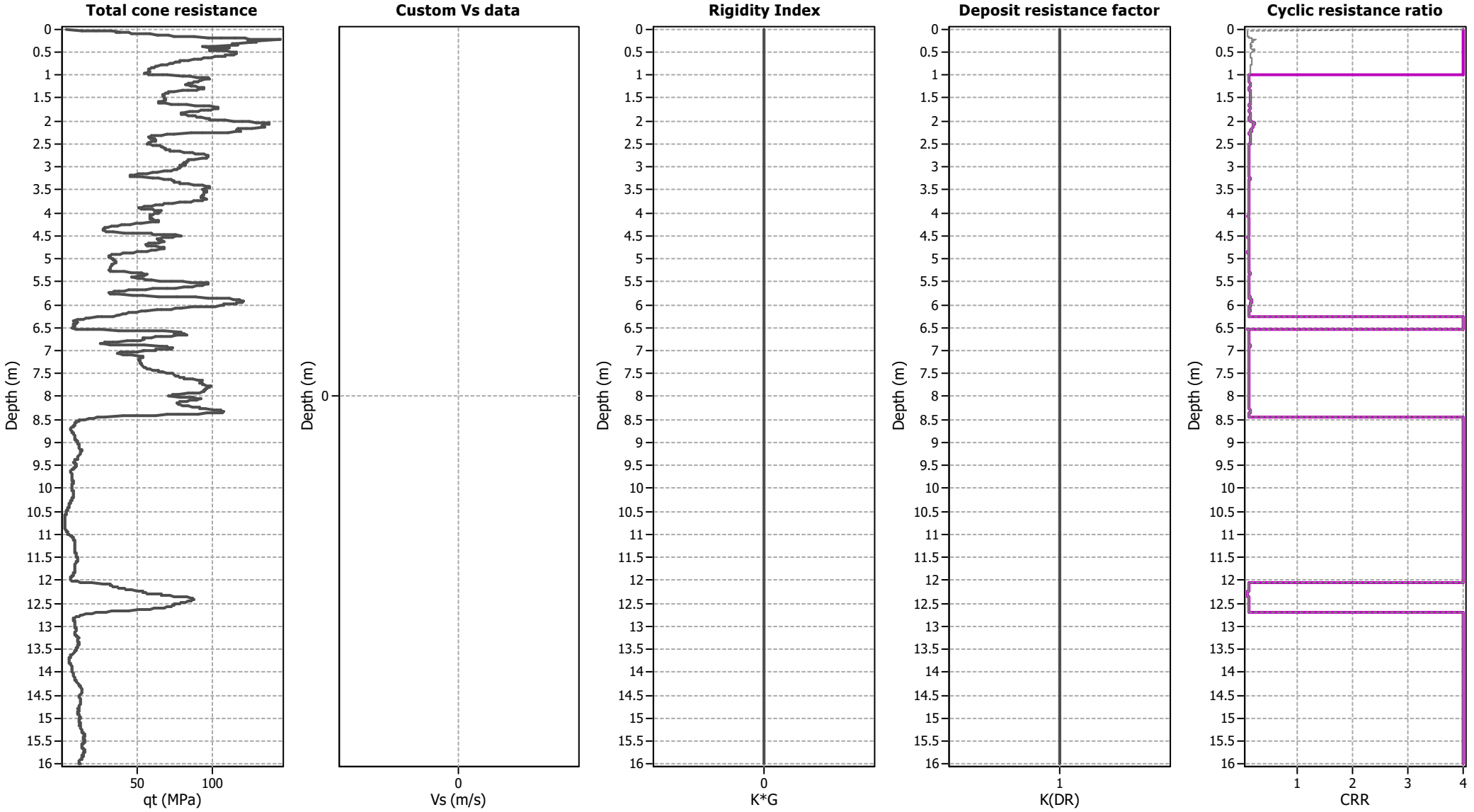
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	15.02	2.00	0.00	1.00	0.00	15.41	15.05	2.00	0.00	1.00	0.00
15.42	14.84	2.00	0.00	1.00	0.00	15.43	14.83	2.00	0.00	1.00	0.00
15.44	14.78	2.00	0.00	1.00	0.00	15.45	14.82	2.00	0.00	1.00	0.00
15.46	14.90	2.00	0.00	1.00	0.00	15.47	15.18	2.00	0.00	1.00	0.00
15.48	15.22	2.00	0.00	1.00	0.00	15.49	15.54	2.00	0.00	1.00	0.00
15.50	15.54	2.00	0.00	1.00	0.00	15.51	15.49	2.00	0.00	1.00	0.00
15.52	15.32	2.00	0.00	1.00	0.00	15.53	15.07	2.00	0.00	1.00	0.00
15.54	14.85	2.00	0.00	1.00	0.00	15.55	14.19	2.00	0.00	1.00	0.00
15.56	13.89	2.00	0.00	1.00	0.00	15.57	14.01	2.00	0.00	1.00	0.00
15.58	14.01	2.00	0.00	1.00	0.00	15.59	14.12	2.00	0.00	1.00	0.00
15.60	14.04	2.00	0.00	1.00	0.00	15.61	13.71	2.00	0.00	1.00	0.00
15.62	13.66	2.00	0.00	1.00	0.00	15.63	14.07	2.00	0.00	1.00	0.00
15.64	14.06	2.00	0.00	1.00	0.00	15.65	14.30	2.00	0.00	1.00	0.00
15.66	14.53	2.00	0.00	1.00	0.00	15.67	14.69	2.00	0.00	1.00	0.00
15.68	14.86	2.00	0.00	1.00	0.00	15.69	15.55	2.00	0.00	1.00	0.00
15.70	15.62	2.00	0.00	1.00	0.00	15.71	15.74	2.00	0.00	1.00	0.00
15.72	15.73	2.00	0.00	1.00	0.00	15.73	15.72	2.00	0.00	1.00	0.00
15.74	15.55	2.00	0.00	1.00	0.00	15.75	15.10	2.00	0.00	1.00	0.00
15.76	14.72	2.00	0.00	1.00	0.00	15.77	14.64	2.00	0.00	1.00	0.00
15.78	14.23	2.00	0.00	1.00	0.00	15.79	14.22	2.00	0.00	1.00	0.00
15.80	14.05	2.00	0.00	1.00	0.00	15.81	14.09	2.00	0.00	1.00	0.00
15.82	14.21	2.00	0.00	1.00	0.00	15.83	14.24	2.00	0.00	1.00	0.00
15.84	14.20	2.00	0.00	1.00	0.00	15.85	13.94	2.00	0.00	1.00	0.00
15.86	13.94	2.00	0.00	1.00	0.00	15.87	13.65	2.00	0.00	1.00	0.00
15.88	13.44	2.00	0.00	1.00	0.00	15.89	13.31	2.00	0.00	1.00	0.00
15.90	12.94	2.00	0.00	1.00	0.00	15.91	12.69	2.00	0.00	1.00	0.00
15.92	12.04	2.00	0.00	1.00	0.00	15.93	12.04	2.00	0.00	1.00	0.00
15.94	11.71	2.00	0.00	1.00	0.00	15.95	11.59	2.00	0.00	1.00	0.00
15.96	11.54	2.00	0.00	1.00	0.00	15.97	11.54	2.00	0.00	1.00	0.00
15.98	12.05	2.00	0.00	1.00	0.00	15.99	12.50	2.00	0.00	1.00	0.00

Total estimated settlement: 27.27

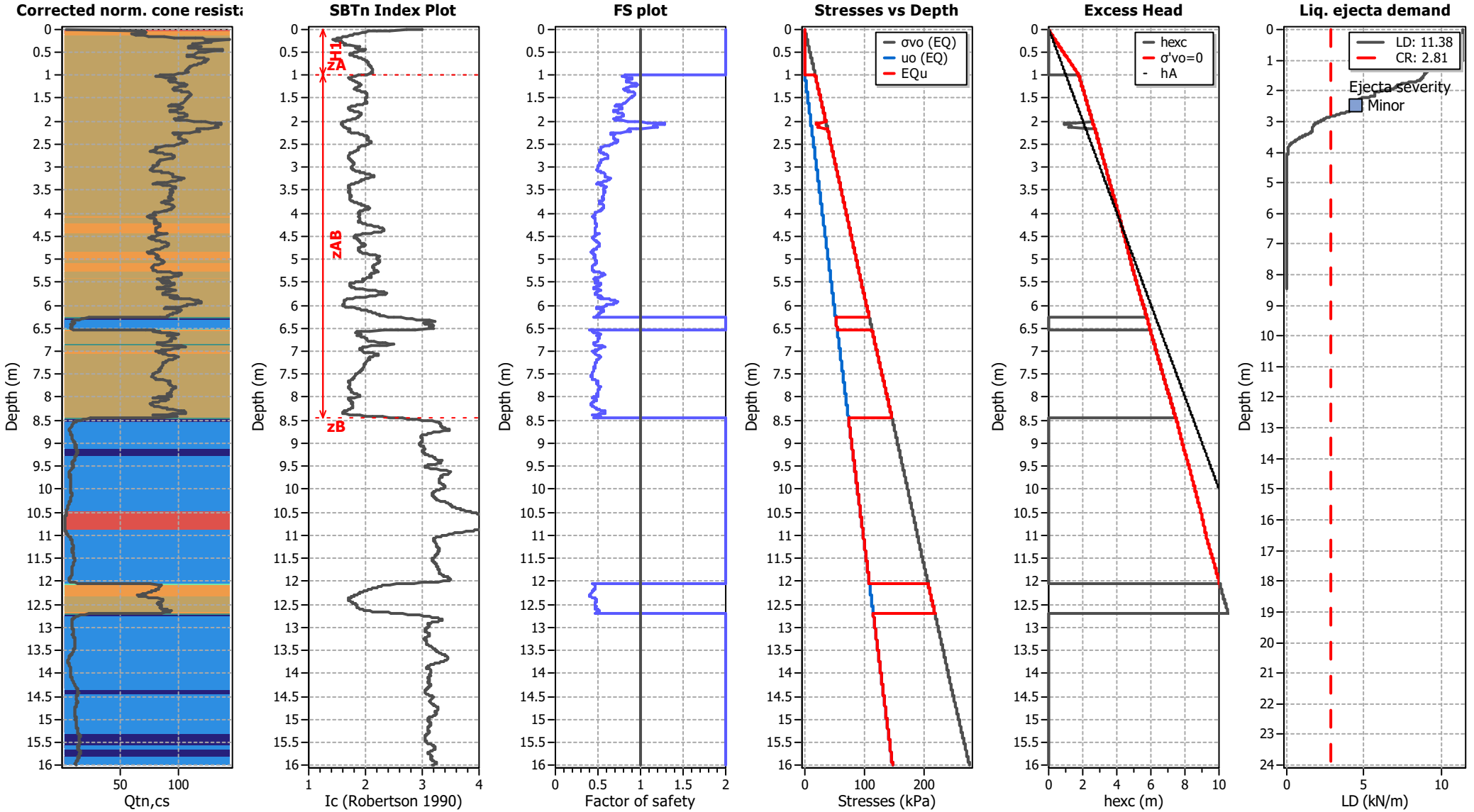
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



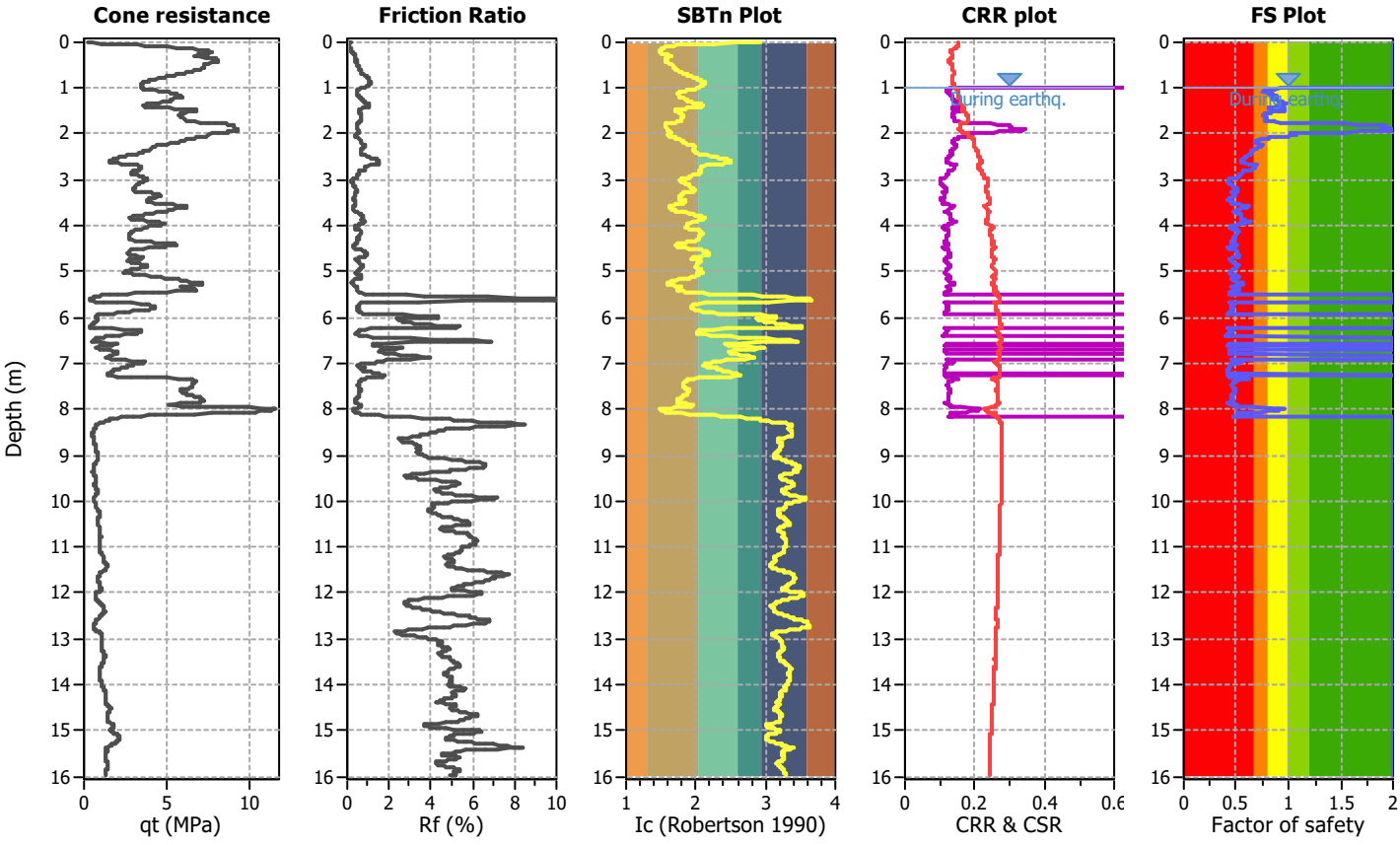
LIQUEFACTION ANALYSIS REPORT

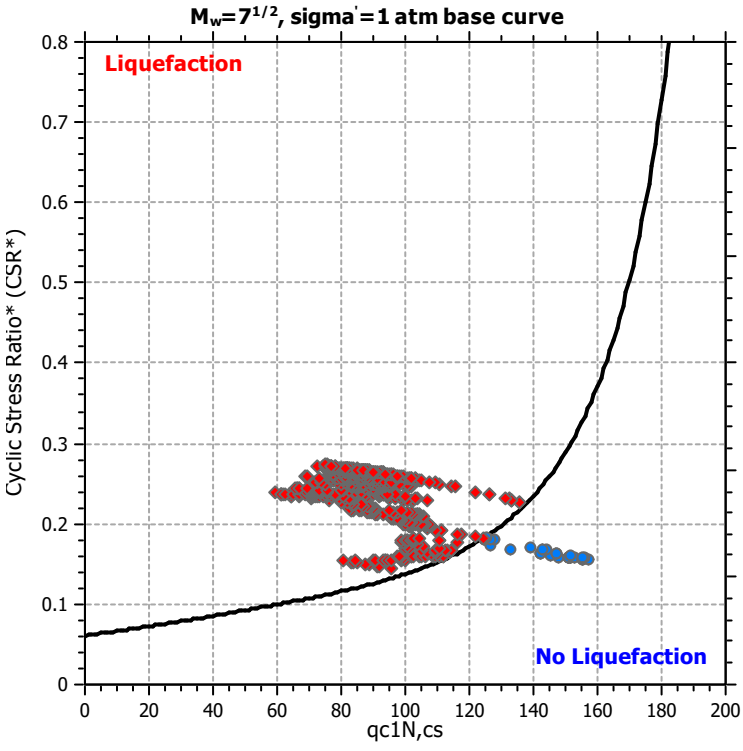
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

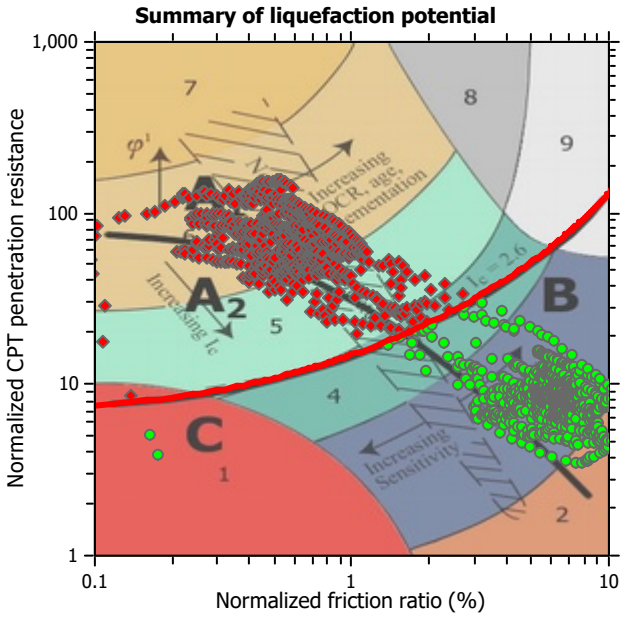
CPT file : 040008P987CPTU988

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

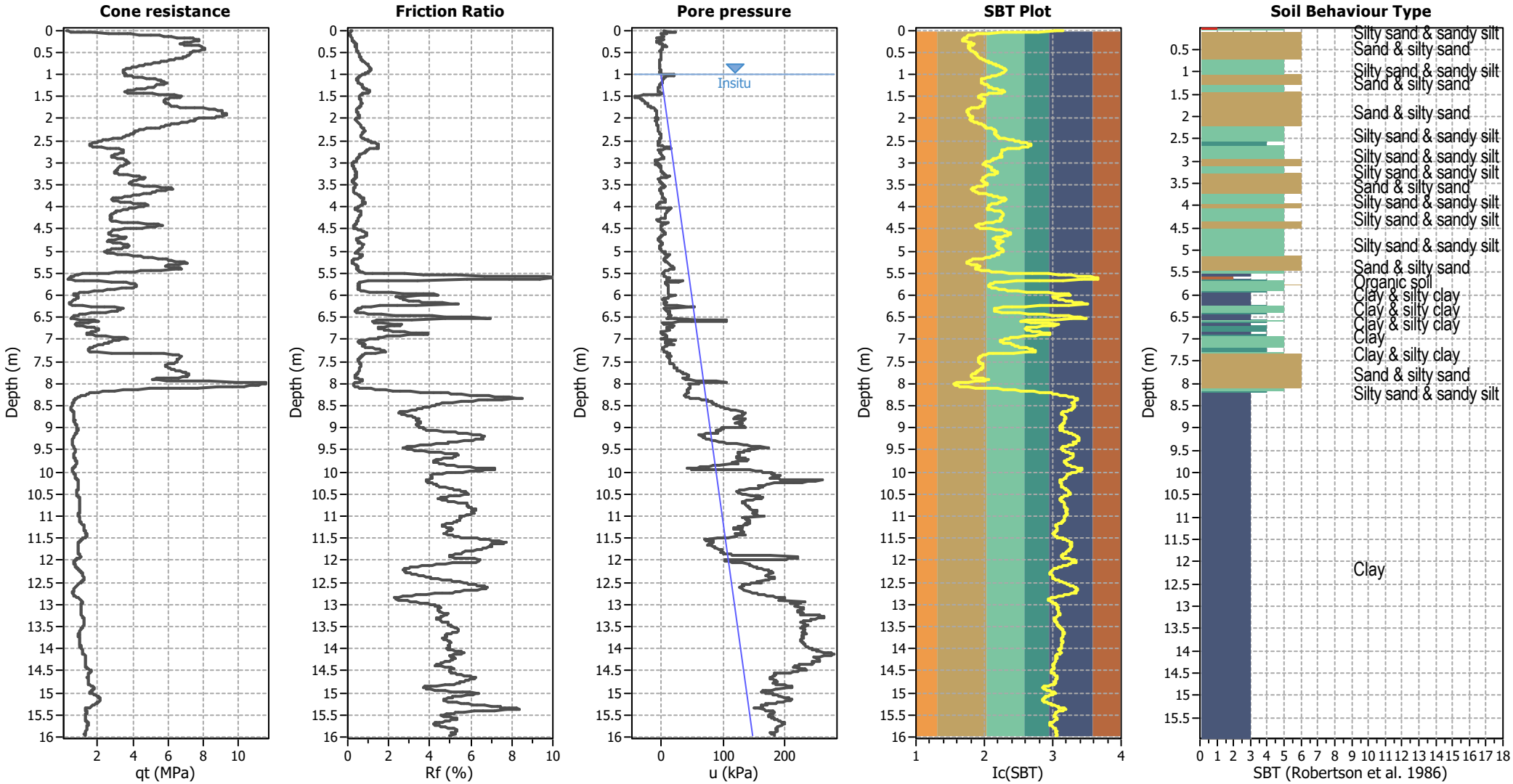






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



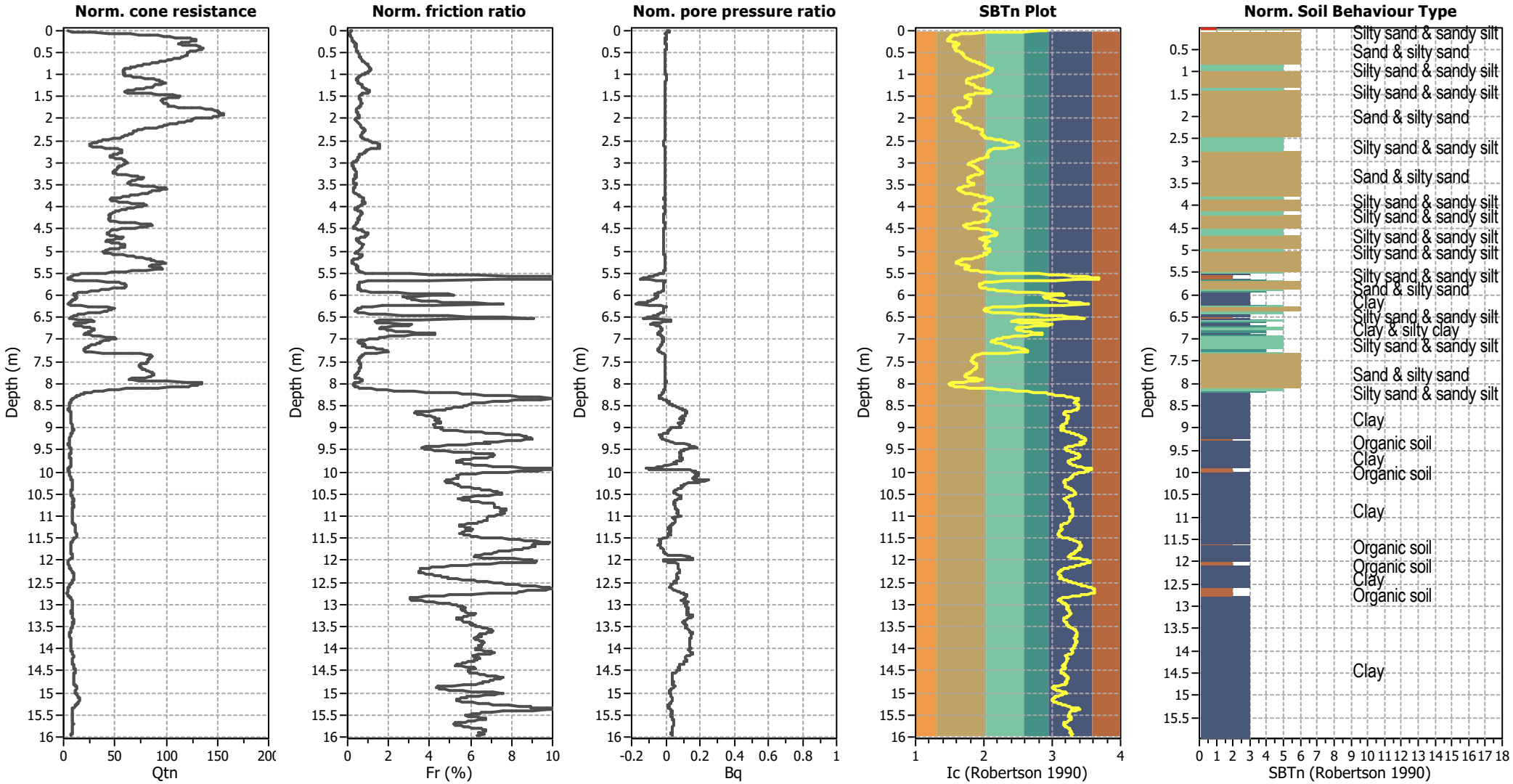
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



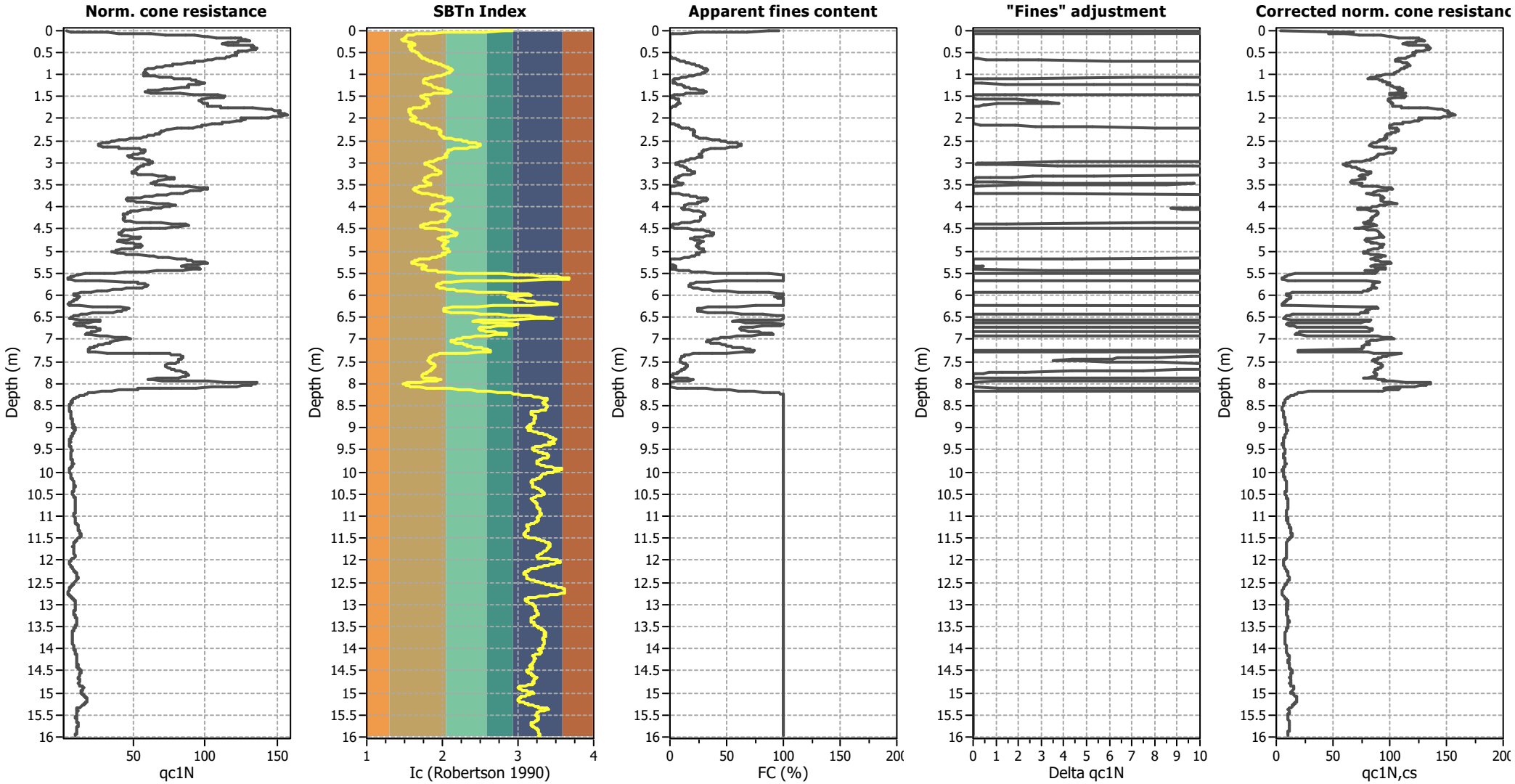
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

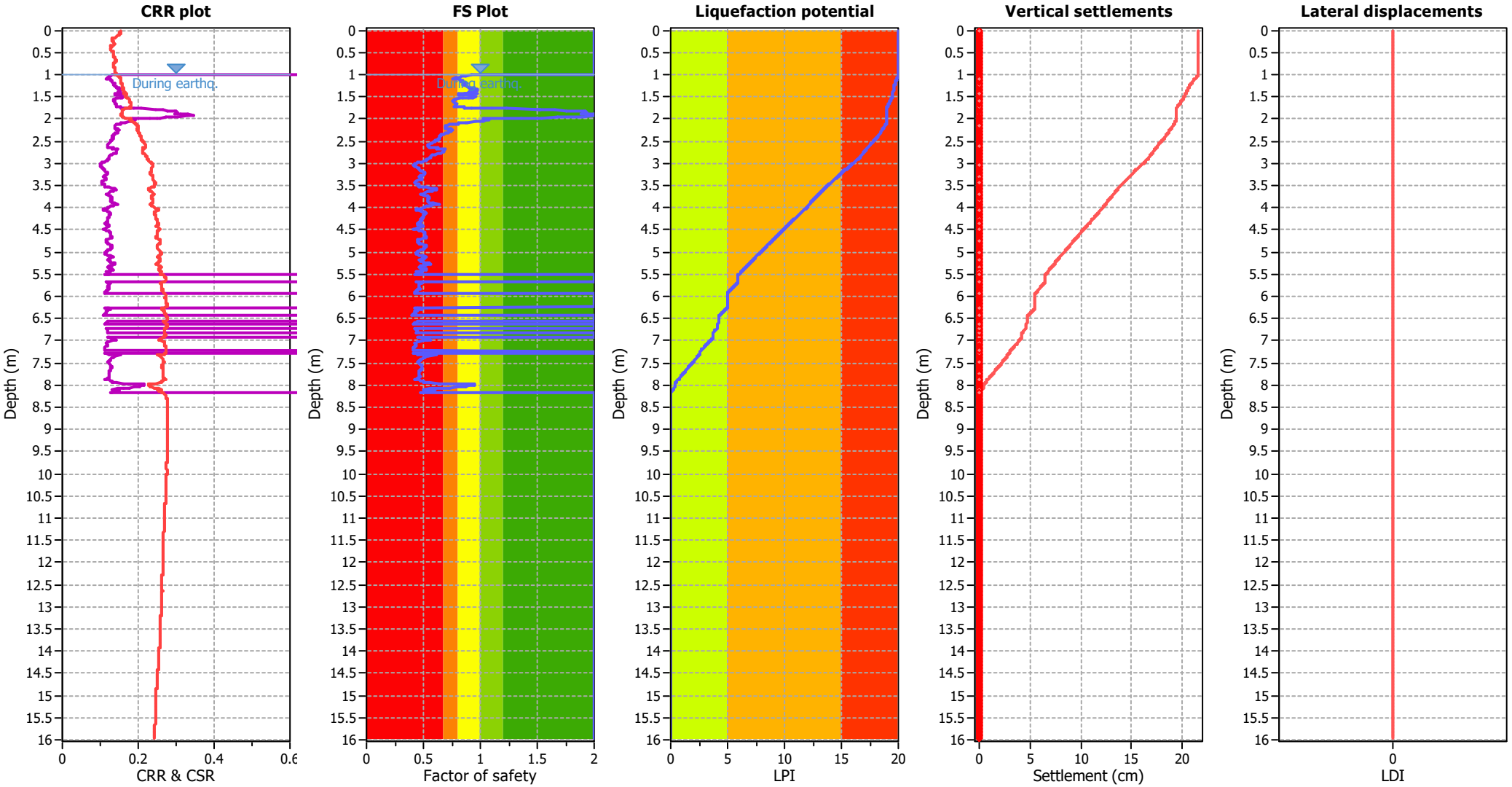
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

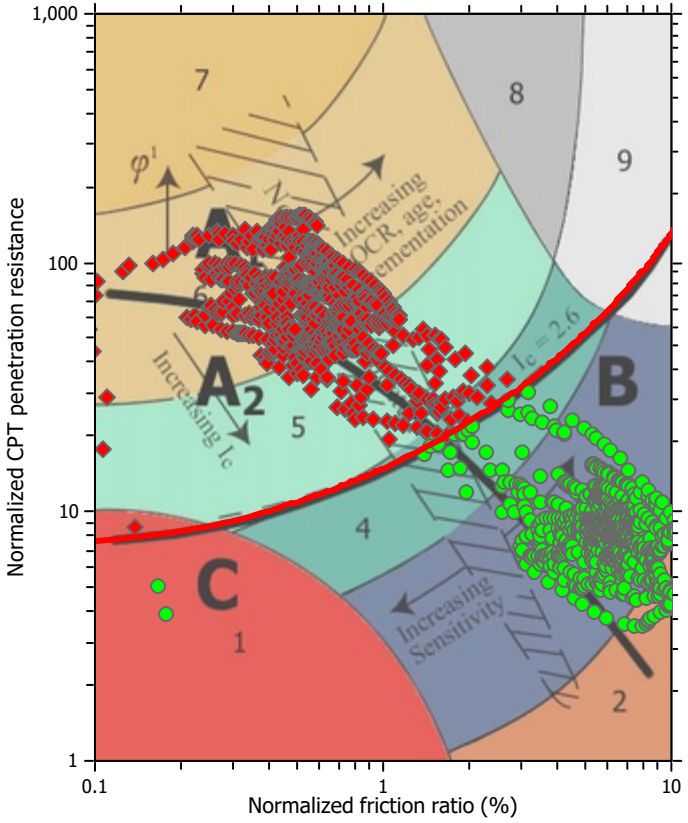
F.S. color scheme

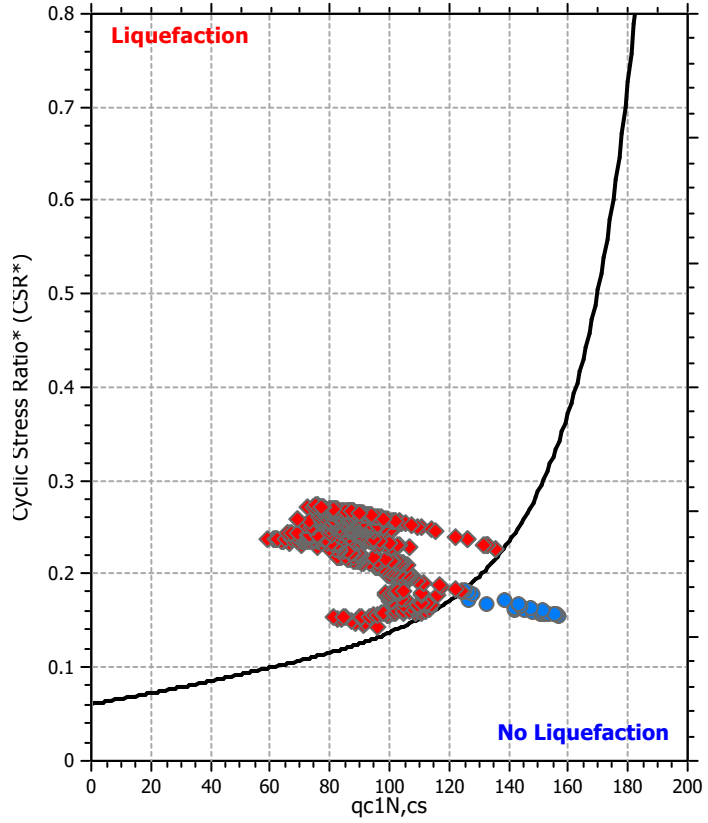
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

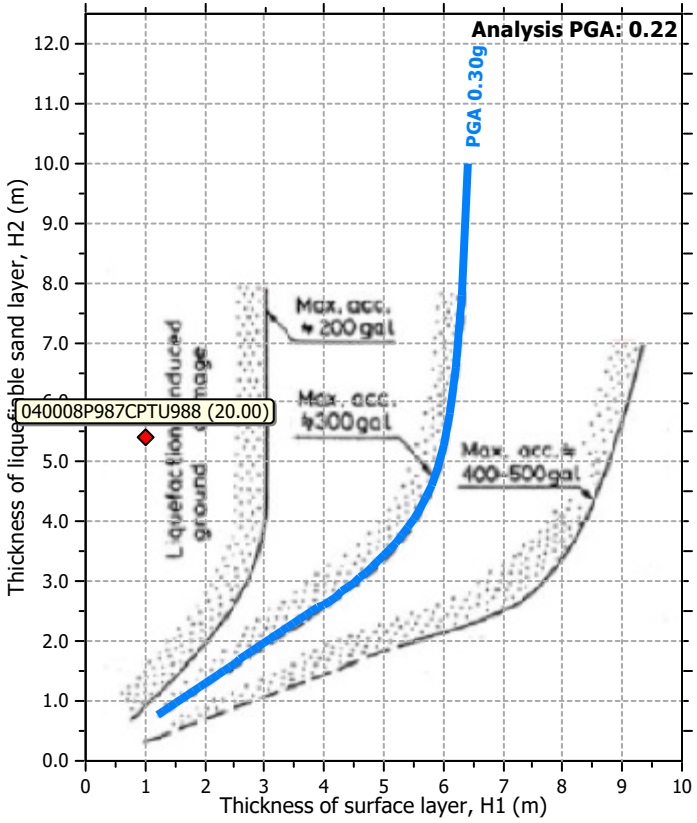
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



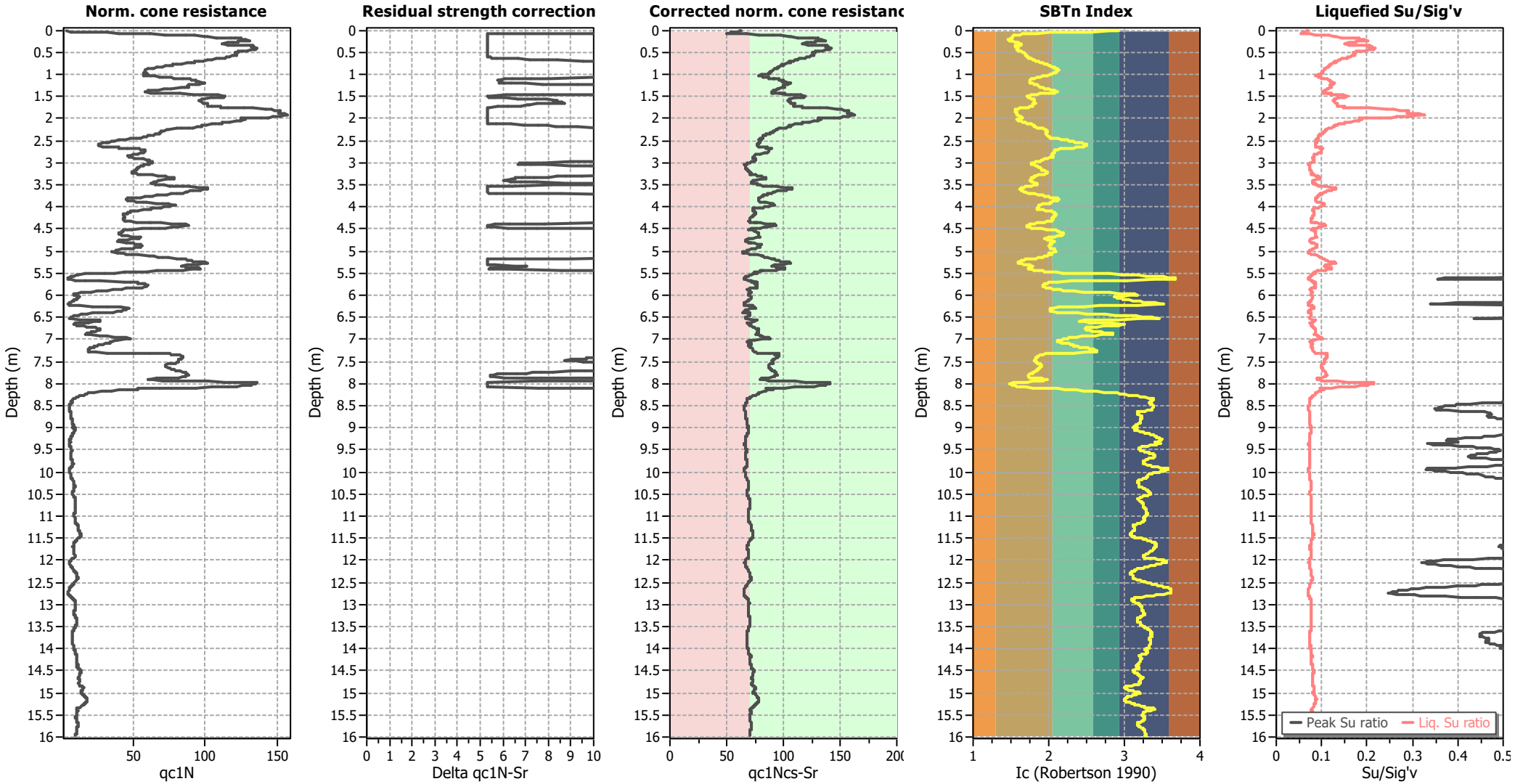




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	0.92	0.00	0.00	0.01	0.01	1.02	0.87	0.00	0.00	0.01	0.01
1.03	0.87	0.00	0.00	0.01	0.01	1.04	0.84	0.16	2.39	0.01	0.02
1.05	0.82	0.18	1.99	0.01	0.02	1.06	0.78	0.22	1.45	0.01	0.02
1.07	0.79	0.21	1.49	0.01	0.02	1.08	0.76	0.24	1.26	0.01	0.02
1.09	0.79	0.21	1.52	0.01	0.02	1.10	0.78	0.22	1.44	0.01	0.02
1.11	0.82	0.18	1.94	0.01	0.02	1.12	0.82	0.18	2.01	0.01	0.02
1.13	0.85	0.15	2.54	0.01	0.01	1.14	0.84	0.16	2.43	0.01	0.01
1.15	0.83	0.17	2.25	0.01	0.02	1.16	0.84	0.16	2.44	0.01	0.01
1.17	0.85	0.15	2.68	0.01	0.01	1.18	0.88	0.00	0.00	0.01	0.01
1.19	0.88	0.00	0.00	0.01	0.01	1.20	0.87	0.00	0.00	0.01	0.01
1.21	0.87	0.00	0.00	0.01	0.01	1.22	0.85	0.15	2.58	0.01	0.01
1.23	0.86	0.14	2.90	0.01	0.01	1.24	0.85	0.15	2.67	0.01	0.01
1.25	0.88	0.00	0.00	0.01	0.01	1.26	0.88	0.00	0.00	0.01	0.01
1.27	0.88	0.00	0.00	0.01	0.01	1.28	0.90	0.00	0.00	0.01	0.01
1.29	0.90	0.00	0.00	0.01	0.01	1.30	0.95	0.00	0.00	0.01	0.00
1.31	0.91	0.00	0.00	0.01	0.01	1.32	0.97	0.00	0.00	0.01	0.00
1.33	0.95	0.00	0.00	0.01	0.01	1.34	0.97	0.00	0.00	0.01	0.00
1.35	0.94	0.00	0.00	0.01	0.01	1.36	0.97	0.00	0.00	0.01	0.00
1.37	0.92	0.00	0.00	0.01	0.01	1.38	0.93	0.00	0.00	0.01	0.01
1.39	0.92	0.00	0.00	0.01	0.01	1.40	0.89	0.00	0.00	0.01	0.01
1.41	0.92	0.00	0.00	0.01	0.01	1.42	0.86	0.00	0.00	0.01	0.01
1.43	0.97	0.00	0.00	0.01	0.00	1.44	0.81	0.19	1.78	0.01	0.02
1.45	0.82	0.18	1.90	0.01	0.02	1.46	0.81	0.19	1.75	0.01	0.02
1.47	0.90	0.00	0.00	0.01	0.01	1.48	0.94	0.00	0.00	0.01	0.01
1.49	0.96	0.00	0.00	0.01	0.00	1.50	0.96	0.00	0.00	0.01	0.00
1.51	0.93	0.00	0.00	0.01	0.01	1.52	0.90	0.00	0.00	0.01	0.01
1.53	0.84	0.16	2.47	0.01	0.01	1.54	0.82	0.18	2.01	0.01	0.02
1.55	0.77	0.23	1.38	0.01	0.02	1.56	0.78	0.22	1.42	0.01	0.02
1.57	0.78	0.22	1.42	0.01	0.02	1.58	0.77	0.23	1.31	0.01	0.02
1.59	0.77	0.23	1.34	0.01	0.02	1.60	0.76	0.24	1.25	0.01	0.02
1.61	0.77	0.23	1.34	0.01	0.02	1.62	0.77	0.23	1.35	0.01	0.02
1.63	0.77	0.23	1.37	0.01	0.02	1.64	0.78	0.22	1.46	0.01	0.02
1.65	0.78	0.22	1.43	0.01	0.02	1.66	0.78	0.22	1.40	0.01	0.02
1.67	0.79	0.21	1.52	0.01	0.02	1.68	0.78	0.22	1.45	0.01	0.02
1.69	0.78	0.22	1.43	0.01	0.02	1.70	0.78	0.22	1.41	0.01	0.02
1.71	0.77	0.23	1.38	0.01	0.02	1.72	0.79	0.21	1.58	0.01	0.02
1.73	0.86	0.00	0.00	0.01	0.01	1.74	0.86	0.14	2.95	0.01	0.01
1.75	0.93	0.00	0.00	0.01	0.01	1.76	1.10	0.00	0.00	0.01	0.00
1.77	1.24	0.00	0.00	0.01	0.00	1.78	1.52	0.00	0.00	0.01	0.00
1.79	1.52	0.00	0.00	0.01	0.00	1.80	1.66	0.00	0.00	0.01	0.00
1.81	1.76	0.00	0.00	0.01	0.00	1.82	1.90	0.00	0.00	0.01	0.00
1.83	1.93	0.00	0.00	0.01	0.00	1.84	1.91	0.00	0.00	0.01	0.00
1.85	1.91	0.00	0.00	0.01	0.00	1.86	1.94	0.00	0.00	0.01	0.00
1.87	1.89	0.00	0.00	0.01	0.00	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	2.00	0.00	0.00	0.01	0.00	1.94	1.90	0.00	0.00	0.01	0.00
1.95	1.68	0.00	0.00	0.01	0.00	1.96	1.68	0.00	0.00	0.01	0.00
1.97	1.54	0.00	0.00	0.01	0.00	1.98	1.50	0.00	0.00	0.01	0.00
1.99	1.36	0.00	0.00	0.01	0.00	2.00	1.02	0.00	0.00	0.01	0.00
2.01	1.02	0.00	0.00	0.01	0.00	2.02	1.07	0.00	0.00	0.01	0.00
2.03	1.05	0.00	0.00	0.01	0.00	2.04	1.02	0.00	0.00	0.01	0.00
2.05	1.00	0.00	0.00	0.01	0.00	2.06	0.96	0.00	0.00	0.01	0.00
2.07	0.89	0.00	0.00	0.01	0.01	2.08	0.87	0.00	0.00	0.01	0.01
2.09	0.81	0.19	1.81	0.01	0.02	2.10	0.81	0.19	1.79	0.01	0.02
2.11	0.79	0.21	1.49	0.01	0.02	2.12	0.76	0.24	1.25	0.01	0.02
2.13	0.73	0.27	1.08	0.01	0.02	2.14	0.70	0.30	0.94	0.01	0.03
2.15	0.71	0.29	0.95	0.01	0.03	2.16	0.69	0.31	0.87	0.01	0.03
2.17	0.69	0.31	0.89	0.01	0.03	2.18	0.69	0.31	0.88	0.01	0.03
2.19	0.69	0.31	0.87	0.01	0.03	2.20	0.69	0.31	0.88	0.01	0.03
2.21	0.70	0.30	0.94	0.01	0.03	2.22	0.71	0.29	0.96	0.01	0.03
2.23	0.74	0.26	1.13	0.01	0.02	2.24	0.72	0.28	1.03	0.01	0.02
2.25	0.75	0.25	1.22	0.01	0.02	2.26	0.75	0.25	1.17	0.01	0.02
2.27	0.74	0.26	1.15	0.01	0.02	2.28	0.74	0.26	1.10	0.01	0.02
2.29	0.73	0.27	1.06	0.01	0.02	2.30	0.72	0.28	1.03	0.01	0.02
2.31	0.70	0.30	0.93	0.01	0.03	2.32	0.69	0.31	0.88	0.01	0.03
2.33	0.68	0.32	0.86	0.01	0.03	2.34	0.68	0.32	0.83	0.01	0.03
2.35	0.67	0.33	0.79	0.01	0.03	2.36	0.66	0.34	0.77	0.01	0.03
2.37	0.66	0.34	0.77	0.01	0.03	2.38	0.64	0.36	0.72	0.01	0.03
2.39	0.64	0.36	0.73	0.01	0.03	2.40	0.64	0.36	0.71	0.01	0.03
2.41	0.64	0.36	0.73	0.01	0.03	2.42	0.64	0.36	0.72	0.01	0.03
2.43	0.64	0.36	0.71	0.01	0.03	2.44	0.64	0.36	0.72	0.01	0.03
2.45	0.65	0.35	0.74	0.01	0.03	2.46	0.63	0.37	0.69	0.01	0.03
2.47	0.63	0.37	0.70	0.01	0.03	2.48	0.60	0.40	0.63	0.01	0.04
2.49	0.61	0.39	0.65	0.01	0.03	2.50	0.60	0.40	0.62	0.01	0.04
2.51	0.59	0.41	0.61	0.01	0.04	2.52	0.59	0.41	0.60	0.01	0.04
2.53	0.58	0.42	0.59	0.01	0.04	2.54	0.57	0.43	0.58	0.01	0.04
2.55	0.57	0.43	0.57	0.01	0.04	2.56	0.56	0.44	0.56	0.01	0.04
2.57	0.55	0.45	0.54	0.01	0.04	2.58	0.55	0.45	0.54	0.01	0.04
2.59	0.54	0.46	0.54	0.01	0.04	2.60	0.54	0.46	0.53	0.01	0.04
2.61	0.54	0.46	0.53	0.01	0.04	2.62	0.54	0.46	0.53	0.01	0.04
2.63	0.55	0.45	0.55	0.01	0.04	2.64	0.57	0.43	0.57	0.01	0.04
2.65	0.63	0.37	0.70	0.01	0.03	2.66	0.62	0.38	0.67	0.01	0.03
2.67	0.67	0.33	0.79	0.01	0.03	2.68	0.69	0.31	0.88	0.01	0.03
2.69	0.69	0.31	0.89	0.01	0.03	2.70	0.68	0.32	0.84	0.01	0.03
2.71	0.68	0.32	0.85	0.01	0.03	2.72	0.68	0.32	0.83	0.01	0.03
2.73	0.68	0.32	0.83	0.01	0.03	2.74	0.67	0.33	0.81	0.01	0.03
2.75	0.67	0.33	0.80	0.01	0.03	2.76	0.66	0.34	0.78	0.01	0.03
2.77	0.65	0.35	0.76	0.01	0.03	2.78	0.65	0.35	0.74	0.01	0.03
2.79	0.63	0.37	0.69	0.01	0.03	2.80	0.60	0.40	0.64	0.01	0.03
2.81	0.57	0.43	0.58	0.01	0.04	2.82	0.57	0.43	0.58	0.01	0.04
2.83	0.57	0.43	0.57	0.01	0.04	2.84	0.56	0.44	0.56	0.01	0.04
2.85	0.56	0.44	0.56	0.01	0.04	2.86	0.56	0.44	0.56	0.01	0.04
2.87	0.56	0.44	0.55	0.01	0.04	2.88	0.55	0.45	0.54	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.54	0.46	0.52	0.01	0.04	2.90	0.54	0.46	0.53	0.01	0.04
2.91	0.53	0.47	0.51	0.01	0.04	2.92	0.53	0.47	0.51	0.01	0.04
2.93	0.53	0.47	0.51	0.01	0.04	2.94	0.52	0.48	0.50	0.01	0.04
2.95	0.51	0.49	0.49	0.01	0.04	2.96	0.49	0.51	0.47	0.01	0.04
2.97	0.46	0.54	0.44	0.01	0.05	2.98	0.45	0.55	0.43	0.01	0.05
2.99	0.44	0.56	0.42	0.01	0.05	3.00	0.44	0.56	0.42	0.01	0.05
3.01	0.44	0.56	0.41	0.01	0.05	3.02	0.43	0.57	0.41	0.01	0.05
3.03	0.43	0.57	0.41	0.01	0.05	3.04	0.42	0.58	0.40	0.01	0.05
3.05	0.42	0.58	0.40	0.01	0.05	3.06	0.42	0.58	0.40	0.01	0.05
3.07	0.43	0.57	0.41	0.01	0.05	3.08	0.44	0.56	0.42	0.01	0.05
3.09	0.44	0.56	0.42	0.01	0.05	3.10	0.45	0.55	0.43	0.01	0.05
3.11	0.46	0.54	0.43	0.01	0.05	3.12	0.46	0.54	0.44	0.01	0.05
3.13	0.46	0.54	0.44	0.01	0.05	3.14	0.46	0.54	0.44	0.01	0.05
3.15	0.47	0.53	0.44	0.01	0.04	3.16	0.47	0.53	0.45	0.01	0.04
3.17	0.48	0.52	0.46	0.01	0.04	3.18	0.48	0.52	0.46	0.01	0.04
3.19	0.50	0.50	0.47	0.01	0.04	3.20	0.51	0.49	0.48	0.01	0.04
3.21	0.51	0.49	0.49	0.01	0.04	3.22	0.51	0.49	0.50	0.01	0.04
3.23	0.51	0.49	0.49	0.01	0.04	3.24	0.51	0.49	0.49	0.01	0.04
3.25	0.51	0.49	0.49	0.01	0.04	3.26	0.50	0.50	0.48	0.01	0.04
3.27	0.47	0.53	0.45	0.01	0.04	3.28	0.47	0.53	0.45	0.01	0.04
3.29	0.46	0.54	0.44	0.01	0.05	3.30	0.47	0.53	0.45	0.01	0.04
3.31	0.47	0.53	0.44	0.01	0.04	3.32	0.48	0.52	0.45	0.01	0.04
3.33	0.48	0.52	0.46	0.01	0.04	3.34	0.48	0.52	0.46	0.01	0.04
3.35	0.48	0.52	0.46	0.01	0.04	3.36	0.48	0.52	0.46	0.01	0.04
3.37	0.47	0.53	0.45	0.01	0.04	3.38	0.46	0.54	0.44	0.01	0.04
3.39	0.44	0.56	0.42	0.01	0.05	3.40	0.44	0.56	0.42	0.01	0.05
3.41	0.43	0.57	0.41	0.01	0.05	3.42	0.43	0.57	0.41	0.01	0.05
3.43	0.43	0.57	0.41	0.01	0.05	3.44	0.42	0.58	0.40	0.01	0.05
3.45	0.43	0.57	0.41	0.01	0.05	3.46	0.44	0.56	0.42	0.01	0.05
3.47	0.45	0.55	0.43	0.01	0.05	3.48	0.47	0.53	0.44	0.01	0.04
3.49	0.46	0.54	0.44	0.01	0.04	3.50	0.46	0.54	0.43	0.01	0.04
3.51	0.45	0.55	0.43	0.01	0.05	3.52	0.46	0.54	0.44	0.01	0.04
3.53	0.51	0.49	0.49	0.01	0.04	3.54	0.53	0.47	0.51	0.01	0.04
3.55	0.57	0.43	0.57	0.01	0.04	3.56	0.57	0.43	0.57	0.01	0.04
3.57	0.59	0.41	0.62	0.01	0.03	3.58	0.61	0.39	0.65	0.01	0.03
3.59	0.61	0.39	0.66	0.01	0.03	3.60	0.60	0.40	0.64	0.01	0.03
3.61	0.59	0.41	0.61	0.01	0.03	3.62	0.58	0.42	0.59	0.01	0.03
3.63	0.55	0.45	0.54	0.01	0.04	3.64	0.53	0.47	0.52	0.01	0.04
3.65	0.52	0.48	0.50	0.01	0.04	3.66	0.52	0.48	0.50	0.01	0.04
3.67	0.51	0.49	0.49	0.01	0.04	3.68	0.50	0.50	0.48	0.01	0.04
3.69	0.49	0.51	0.47	0.01	0.04	3.70	0.48	0.52	0.46	0.01	0.04
3.71	0.48	0.52	0.45	0.01	0.04	3.72	0.51	0.49	0.49	0.01	0.04
3.73	0.51	0.49	0.49	0.01	0.04	3.74	0.54	0.46	0.53	0.01	0.04
3.75	0.54	0.46	0.53	0.01	0.04	3.76	0.55	0.45	0.54	0.01	0.04
3.77	0.55	0.45	0.55	0.01	0.04	3.78	0.56	0.44	0.55	0.01	0.04
3.79	0.55	0.45	0.55	0.01	0.04	3.80	0.56	0.44	0.55	0.01	0.04
3.81	0.54	0.46	0.54	0.01	0.04	3.82	0.54	0.46	0.54	0.01	0.04
3.83	0.54	0.46	0.53	0.01	0.04	3.84	0.54	0.46	0.53	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.54	0.46	0.53	0.01	0.04	3.86	0.54	0.46	0.53	0.01	0.04
3.87	0.54	0.46	0.54	0.01	0.04	3.88	0.55	0.45	0.55	0.01	0.04
3.89	0.58	0.42	0.59	0.01	0.03	3.90	0.59	0.41	0.61	0.01	0.03
3.91	0.64	0.36	0.72	0.01	0.03	3.92	0.61	0.39	0.66	0.01	0.03
3.93	0.61	0.39	0.65	0.01	0.03	3.94	0.59	0.41	0.61	0.01	0.03
3.95	0.56	0.44	0.57	0.01	0.03	3.96	0.55	0.45	0.55	0.01	0.04
3.97	0.53	0.47	0.51	0.01	0.04	3.98	0.51	0.49	0.50	0.01	0.04
3.99	0.49	0.51	0.47	0.01	0.04	4.00	0.49	0.51	0.47	0.01	0.04
4.01	0.48	0.52	0.46	0.01	0.04	4.02	0.44	0.56	0.42	0.01	0.04
4.03	0.43	0.57	0.41	0.01	0.05	4.04	0.43	0.57	0.41	0.01	0.05
4.05	0.43	0.57	0.41	0.01	0.05	4.06	0.44	0.56	0.42	0.01	0.04
4.07	0.47	0.53	0.44	0.01	0.04	4.08	0.48	0.52	0.46	0.01	0.04
4.09	0.51	0.49	0.49	0.01	0.04	4.10	0.51	0.49	0.49	0.01	0.04
4.11	0.52	0.48	0.50	0.01	0.04	4.12	0.52	0.48	0.50	0.01	0.04
4.13	0.52	0.48	0.50	0.01	0.04	4.14	0.52	0.48	0.50	0.01	0.04
4.15	0.51	0.49	0.49	0.01	0.04	4.16	0.52	0.48	0.50	0.01	0.04
4.17	0.50	0.50	0.48	0.01	0.04	4.18	0.51	0.49	0.49	0.01	0.04
4.19	0.50	0.50	0.48	0.01	0.04	4.20	0.50	0.50	0.48	0.01	0.04
4.21	0.50	0.50	0.47	0.01	0.04	4.22	0.49	0.51	0.47	0.01	0.04
4.23	0.49	0.51	0.46	0.01	0.04	4.24	0.49	0.51	0.46	0.01	0.04
4.25	0.48	0.52	0.46	0.01	0.04	4.26	0.48	0.52	0.46	0.01	0.04
4.27	0.48	0.52	0.46	0.01	0.04	4.28	0.48	0.52	0.46	0.01	0.04
4.29	0.48	0.52	0.46	0.01	0.04	4.30	0.48	0.52	0.46	0.01	0.04
4.31	0.48	0.52	0.45	0.01	0.04	4.32	0.47	0.53	0.44	0.01	0.04
4.33	0.47	0.53	0.45	0.01	0.04	4.34	0.45	0.55	0.43	0.01	0.04
4.35	0.47	0.53	0.45	0.01	0.04	4.36	0.44	0.56	0.42	0.01	0.04
4.37	0.45	0.55	0.42	0.01	0.04	4.38	0.45	0.55	0.43	0.01	0.04
4.39	0.47	0.53	0.45	0.01	0.04	4.40	0.49	0.51	0.47	0.01	0.04
4.41	0.50	0.50	0.48	0.01	0.04	4.42	0.50	0.50	0.48	0.01	0.04
4.43	0.49	0.51	0.47	0.01	0.04	4.44	0.46	0.54	0.44	0.01	0.04
4.45	0.46	0.54	0.44	0.01	0.04	4.46	0.45	0.55	0.42	0.01	0.04
4.47	0.43	0.57	0.41	0.01	0.04	4.48	0.41	0.59	0.39	0.01	0.05
4.49	0.41	0.59	0.39	0.01	0.05	4.50	0.44	0.56	0.42	0.01	0.04
4.51	0.46	0.54	0.44	0.01	0.04	4.52	0.49	0.51	0.47	0.01	0.04
4.53	0.49	0.51	0.47	0.01	0.04	4.54	0.50	0.50	0.48	0.01	0.04
4.55	0.50	0.50	0.48	0.01	0.04	4.56	0.51	0.49	0.49	0.01	0.04
4.57	0.51	0.49	0.49	0.01	0.04	4.58	0.51	0.49	0.49	0.01	0.04
4.59	0.51	0.49	0.49	0.01	0.04	4.60	0.51	0.49	0.49	0.01	0.04
4.61	0.51	0.49	0.49	0.01	0.04	4.62	0.51	0.49	0.50	0.01	0.04
4.63	0.51	0.49	0.49	0.01	0.04	4.64	0.51	0.49	0.49	0.01	0.04
4.65	0.52	0.48	0.50	0.01	0.04	4.66	0.52	0.48	0.50	0.01	0.04
4.67	0.52	0.48	0.51	0.01	0.04	4.68	0.53	0.47	0.52	0.01	0.04
4.69	0.51	0.49	0.49	0.01	0.04	4.70	0.47	0.53	0.45	0.01	0.04
4.71	0.46	0.54	0.44	0.01	0.04	4.72	0.45	0.55	0.43	0.01	0.04
4.73	0.45	0.55	0.42	0.01	0.04	4.74	0.44	0.56	0.42	0.01	0.04
4.75	0.44	0.56	0.42	0.01	0.04	4.76	0.45	0.55	0.42	0.01	0.04
4.77	0.45	0.55	0.43	0.01	0.04	4.78	0.46	0.54	0.43	0.01	0.04
4.79	0.46	0.54	0.43	0.01	0.04	4.80	0.48	0.52	0.45	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.46	0.54	0.44	0.01	0.04	4.82	0.48	0.52	0.45	0.01	0.04
4.83	0.49	0.51	0.47	0.01	0.04	4.84	0.51	0.49	0.49	0.01	0.04
4.85	0.52	0.48	0.50	0.01	0.04	4.86	0.53	0.47	0.52	0.01	0.04
4.87	0.52	0.48	0.50	0.01	0.04	4.88	0.51	0.49	0.50	0.01	0.04
4.89	0.52	0.48	0.50	0.01	0.04	4.90	0.52	0.48	0.50	0.01	0.04
4.91	0.51	0.49	0.49	0.01	0.04	4.92	0.50	0.50	0.48	0.01	0.04
4.93	0.50	0.50	0.47	0.01	0.04	4.94	0.49	0.51	0.47	0.01	0.04
4.95	0.48	0.52	0.46	0.01	0.04	4.96	0.47	0.53	0.45	0.01	0.04
4.97	0.46	0.54	0.43	0.01	0.04	4.98	0.46	0.54	0.43	0.01	0.04
4.99	0.45	0.55	0.43	0.01	0.04	5.00	0.45	0.55	0.43	0.01	0.04
5.01	0.44	0.56	0.42	0.01	0.04	5.02	0.43	0.57	0.41	0.01	0.04
5.03	0.44	0.56	0.41	0.01	0.04	5.04	0.43	0.57	0.41	0.01	0.04
5.05	0.44	0.56	0.42	0.01	0.04	5.06	0.45	0.55	0.43	0.01	0.04
5.07	0.46	0.54	0.44	0.01	0.04	5.08	0.49	0.51	0.47	0.01	0.04
5.09	0.50	0.50	0.47	0.01	0.04	5.10	0.53	0.47	0.52	0.01	0.03
5.11	0.51	0.49	0.49	0.01	0.04	5.12	0.51	0.49	0.50	0.01	0.04
5.13	0.51	0.49	0.49	0.01	0.04	5.14	0.50	0.50	0.48	0.01	0.04
5.15	0.48	0.52	0.46	0.01	0.04	5.16	0.47	0.53	0.44	0.01	0.04
5.17	0.46	0.54	0.44	0.01	0.04	5.18	0.47	0.53	0.45	0.01	0.04
5.19	0.47	0.53	0.45	0.01	0.04	5.20	0.48	0.52	0.46	0.01	0.04
5.21	0.49	0.51	0.47	0.01	0.04	5.22	0.49	0.51	0.47	0.01	0.04
5.23	0.50	0.50	0.48	0.01	0.04	5.24	0.53	0.47	0.52	0.01	0.03
5.25	0.55	0.45	0.55	0.01	0.03	5.26	0.56	0.44	0.57	0.01	0.03
5.27	0.56	0.44	0.57	0.01	0.03	5.28	0.56	0.44	0.56	0.01	0.03
5.29	0.54	0.46	0.53	0.01	0.03	5.30	0.52	0.48	0.50	0.01	0.04
5.31	0.49	0.51	0.47	0.01	0.04	5.32	0.48	0.52	0.45	0.01	0.04
5.33	0.46	0.54	0.44	0.01	0.04	5.34	0.46	0.54	0.44	0.01	0.04
5.35	0.48	0.52	0.45	0.01	0.04	5.36	0.47	0.53	0.45	0.01	0.04
5.37	0.49	0.51	0.47	0.01	0.04	5.38	0.51	0.49	0.49	0.01	0.04
5.39	0.52	0.48	0.51	0.01	0.03	5.40	0.53	0.47	0.51	0.01	0.03
5.41	0.52	0.48	0.51	0.01	0.03	5.42	0.49	0.51	0.47	0.01	0.04
5.43	0.48	0.52	0.46	0.01	0.04	5.44	0.43	0.57	0.41	0.01	0.04
5.45	0.49	0.51	0.46	0.01	0.04	5.46	0.48	0.52	0.46	0.01	0.04
5.47	0.48	0.52	0.46	0.01	0.04	5.48	0.48	0.52	0.46	0.01	0.04
5.49	0.47	0.53	0.45	0.01	0.04	5.50	0.46	0.54	0.44	0.01	0.04
5.51	0.43	0.57	0.41	0.01	0.04	5.52	2.00	0.00	0.00	0.01	0.00
5.53	2.00	0.00	0.00	0.01	0.00	5.54	2.00	0.00	0.00	0.01	0.00
5.55	2.00	0.00	0.00	0.01	0.00	5.56	2.00	0.00	0.00	0.01	0.00
5.57	2.00	0.00	0.00	0.01	0.00	5.58	2.00	0.00	0.00	0.01	0.00
5.59	2.00	0.00	0.00	0.01	0.00	5.60	2.00	0.00	0.00	0.01	0.00
5.61	2.00	0.00	0.00	0.01	0.00	5.62	2.00	0.00	0.00	0.01	0.00
5.63	2.00	0.00	0.00	0.01	0.00	5.64	2.00	0.00	0.00	0.01	0.00
5.65	2.00	0.00	0.00	0.01	0.00	5.66	2.00	0.00	0.00	0.01	0.00
5.67	2.00	0.00	0.00	0.01	0.00	5.68	0.43	0.57	0.41	0.01	0.04
5.69	0.49	0.51	0.47	0.01	0.04	5.70	0.46	0.54	0.44	0.01	0.04
5.71	0.48	0.52	0.45	0.01	0.04	5.72	0.46	0.54	0.44	0.01	0.04
5.73	0.47	0.53	0.44	0.01	0.04	5.74	0.46	0.54	0.44	0.01	0.04
5.75	0.47	0.53	0.44	0.01	0.04	5.76	0.47	0.53	0.44	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.46	0.54	0.44	0.01	0.04	5.78	0.46	0.54	0.44	0.01	0.04
5.79	0.46	0.54	0.43	0.01	0.04	5.80	0.46	0.54	0.44	0.01	0.04
5.81	0.47	0.53	0.44	0.01	0.04	5.82	0.47	0.53	0.45	0.01	0.04
5.83	0.48	0.52	0.45	0.01	0.04	5.84	0.47	0.53	0.45	0.01	0.04
5.85	0.45	0.55	0.43	0.01	0.04	5.86	0.45	0.55	0.43	0.01	0.04
5.87	0.44	0.56	0.42	0.01	0.04	5.88	0.45	0.55	0.43	0.01	0.04
5.89	0.44	0.56	0.42	0.01	0.04	5.90	0.43	0.57	0.41	0.01	0.04
5.91	0.42	0.58	0.40	0.01	0.04	5.92	0.42	0.58	0.40	0.01	0.04
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	2.00	0.00	0.00	0.01	0.00
6.17	2.00	0.00	0.00	0.01	0.00	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	0.42	0.58	0.40	0.01	0.04	6.26	0.45	0.55	0.43	0.01	0.04
6.27	0.47	0.53	0.45	0.01	0.04	6.28	0.48	0.52	0.46	0.01	0.04
6.29	0.47	0.53	0.44	0.01	0.04	6.30	0.45	0.55	0.43	0.01	0.04
6.31	0.45	0.55	0.43	0.01	0.04	6.32	0.44	0.56	0.42	0.01	0.04
6.33	0.44	0.56	0.41	0.01	0.04	6.34	0.43	0.57	0.41	0.01	0.04
6.35	0.42	0.58	0.40	0.01	0.04	6.36	0.42	0.58	0.40	0.01	0.04
6.37	0.42	0.58	0.40	0.01	0.04	6.38	0.44	0.56	0.42	0.01	0.04
6.39	0.41	0.59	0.39	0.01	0.04	6.40	0.42	0.58	0.41	0.01	0.04
6.41	0.41	0.59	0.39	0.01	0.04	6.42	0.40	0.60	0.39	0.01	0.04
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	2.00	0.00	0.00	0.01	0.00
6.57	0.45	0.55	0.42	0.01	0.04	6.58	0.44	0.56	0.42	0.01	0.04
6.59	0.44	0.56	0.41	0.01	0.04	6.60	0.42	0.58	0.40	0.01	0.04
6.61	0.41	0.59	0.39	0.01	0.04	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	0.42	0.58	0.41	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.43	0.57	0.41	0.01	0.04	6.74	0.44	0.56	0.42	0.01	0.04
6.75	0.44	0.56	0.42	0.01	0.04	6.76	0.44	0.56	0.42	0.01	0.04
6.77	0.45	0.55	0.42	0.01	0.04	6.78	0.45	0.55	0.43	0.01	0.04
6.79	0.45	0.55	0.43	0.01	0.04	6.80	0.45	0.55	0.42	0.01	0.04
6.81	0.44	0.56	0.41	0.01	0.04	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	0.45	0.55	0.43	0.01	0.04
6.93	0.47	0.53	0.45	0.01	0.03	6.94	0.50	0.50	0.48	0.01	0.03
6.95	0.52	0.48	0.50	0.01	0.03	6.96	0.54	0.46	0.53	0.01	0.03
6.97	0.56	0.44	0.56	0.01	0.03	6.98	0.54	0.46	0.53	0.01	0.03
6.99	0.52	0.48	0.51	0.01	0.03	7.00	0.52	0.48	0.50	0.01	0.03
7.01	0.47	0.53	0.44	0.01	0.03	7.02	0.45	0.55	0.43	0.01	0.04
7.03	0.45	0.55	0.42	0.01	0.04	7.04	0.43	0.57	0.41	0.01	0.04
7.05	0.43	0.57	0.41	0.01	0.04	7.06	0.43	0.57	0.41	0.01	0.04
7.07	0.44	0.56	0.41	0.01	0.04	7.08	0.44	0.56	0.41	0.01	0.04
7.09	0.44	0.56	0.42	0.01	0.04	7.10	0.44	0.56	0.42	0.01	0.04
7.11	0.44	0.56	0.41	0.01	0.04	7.12	0.43	0.57	0.41	0.01	0.04
7.13	0.42	0.58	0.40	0.01	0.04	7.14	0.42	0.58	0.40	0.01	0.04
7.15	0.41	0.59	0.39	0.01	0.04	7.16	0.42	0.58	0.40	0.01	0.04
7.17	0.41	0.59	0.40	0.01	0.04	7.18	0.41	0.59	0.40	0.01	0.04
7.19	0.41	0.59	0.40	0.01	0.04	7.20	0.41	0.59	0.39	0.01	0.04
7.21	0.41	0.59	0.39	0.01	0.04	7.22	0.41	0.59	0.39	0.01	0.04
7.23	0.41	0.59	0.39	0.01	0.04	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	0.42	0.58	0.40	0.01	0.04
7.29	0.43	0.57	0.41	0.01	0.04	7.30	0.45	0.55	0.43	0.01	0.03
7.31	0.55	0.45	0.55	0.01	0.03	7.32	0.56	0.44	0.56	0.01	0.03
7.33	0.61	0.39	0.66	0.01	0.02	7.34	0.54	0.46	0.53	0.01	0.03
7.35	0.54	0.46	0.54	0.01	0.03	7.36	0.53	0.47	0.51	0.01	0.03
7.37	0.51	0.49	0.50	0.01	0.03	7.38	0.51	0.49	0.49	0.01	0.03
7.39	0.50	0.50	0.48	0.01	0.03	7.40	0.49	0.51	0.46	0.01	0.03
7.41	0.48	0.52	0.46	0.01	0.03	7.42	0.48	0.52	0.45	0.01	0.03
7.43	0.47	0.53	0.45	0.01	0.03	7.44	0.47	0.53	0.45	0.01	0.03
7.45	0.46	0.54	0.44	0.01	0.03	7.46	0.46	0.54	0.43	0.01	0.03
7.47	0.45	0.55	0.43	0.01	0.03	7.48	0.45	0.55	0.43	0.01	0.03
7.49	0.46	0.54	0.43	0.01	0.03	7.50	0.46	0.54	0.44	0.01	0.03
7.51	0.46	0.54	0.44	0.01	0.03	7.52	0.47	0.53	0.44	0.01	0.03
7.53	0.47	0.53	0.45	0.01	0.03	7.54	0.48	0.52	0.46	0.01	0.03
7.55	0.48	0.52	0.46	0.01	0.03	7.56	0.49	0.51	0.47	0.01	0.03
7.57	0.49	0.51	0.46	0.01	0.03	7.58	0.49	0.51	0.47	0.01	0.03
7.59	0.49	0.51	0.47	0.01	0.03	7.60	0.49	0.51	0.47	0.01	0.03
7.61	0.49	0.51	0.47	0.01	0.03	7.62	0.49	0.51	0.46	0.01	0.03
7.63	0.48	0.52	0.46	0.01	0.03	7.64	0.48	0.52	0.45	0.01	0.03
7.65	0.48	0.52	0.45	0.01	0.03	7.66	0.47	0.53	0.45	0.01	0.03
7.67	0.47	0.53	0.45	0.01	0.03	7.68	0.47	0.53	0.44	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.46	0.54	0.44	0.01	0.03	7.70	0.46	0.54	0.44	0.01	0.03
7.71	0.46	0.54	0.44	0.01	0.03	7.72	0.46	0.54	0.44	0.01	0.03
7.73	0.46	0.54	0.43	0.01	0.03	7.74	0.46	0.54	0.44	0.01	0.03
7.75	0.46	0.54	0.44	0.01	0.03	7.76	0.46	0.54	0.43	0.01	0.03
7.77	0.46	0.54	0.44	0.01	0.03	7.78	0.46	0.54	0.44	0.01	0.03
7.79	0.46	0.54	0.44	0.01	0.03	7.80	0.47	0.53	0.44	0.01	0.03
7.81	0.46	0.54	0.44	0.01	0.03	7.82	0.46	0.54	0.44	0.01	0.03
7.83	0.46	0.54	0.44	0.01	0.03	7.84	0.46	0.54	0.43	0.01	0.03
7.85	0.45	0.55	0.43	0.01	0.03	7.86	0.43	0.57	0.41	0.01	0.03
7.87	0.42	0.58	0.40	0.01	0.04	7.88	0.42	0.58	0.40	0.01	0.04
7.89	0.46	0.54	0.44	0.01	0.03	7.90	0.47	0.53	0.45	0.01	0.03
7.91	0.50	0.50	0.48	0.01	0.03	7.92	0.50	0.50	0.48	0.01	0.03
7.93	0.51	0.49	0.49	0.01	0.03	7.94	0.49	0.51	0.47	0.01	0.03
7.95	0.55	0.45	0.55	0.01	0.03	7.96	0.65	0.35	0.74	0.01	0.02
7.97	0.90	0.00	0.00	0.01	0.01	7.98	0.90	0.00	0.00	0.01	0.01
7.99	0.95	0.00	0.00	0.01	0.00	8.00	0.95	0.00	0.00	0.01	0.00
8.01	0.89	0.00	0.00	0.01	0.01	8.02	0.90	0.00	0.00	0.01	0.01
8.03	0.88	0.00	0.00	0.01	0.01	8.04	0.79	0.21	1.55	0.01	0.01
8.05	0.79	0.21	1.54	0.01	0.01	8.06	0.73	0.27	1.07	0.01	0.02
8.07	0.66	0.34	0.78	0.01	0.02	8.08	0.57	0.43	0.57	0.01	0.03
8.09	0.50	0.50	0.48	0.01	0.03	8.10	0.51	0.49	0.49	0.01	0.03
8.11	0.60	0.40	0.64	0.01	0.02	8.12	0.54	0.46	0.53	0.01	0.03
8.13	0.59	0.41	0.61	0.01	0.02	8.14	0.55	0.45	0.54	0.01	0.03
8.15	0.52	0.48	0.50	0.01	0.03	8.16	0.50	0.50	0.47	0.01	0.03
8.17	0.48	0.52	0.45	0.01	0.03	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00						

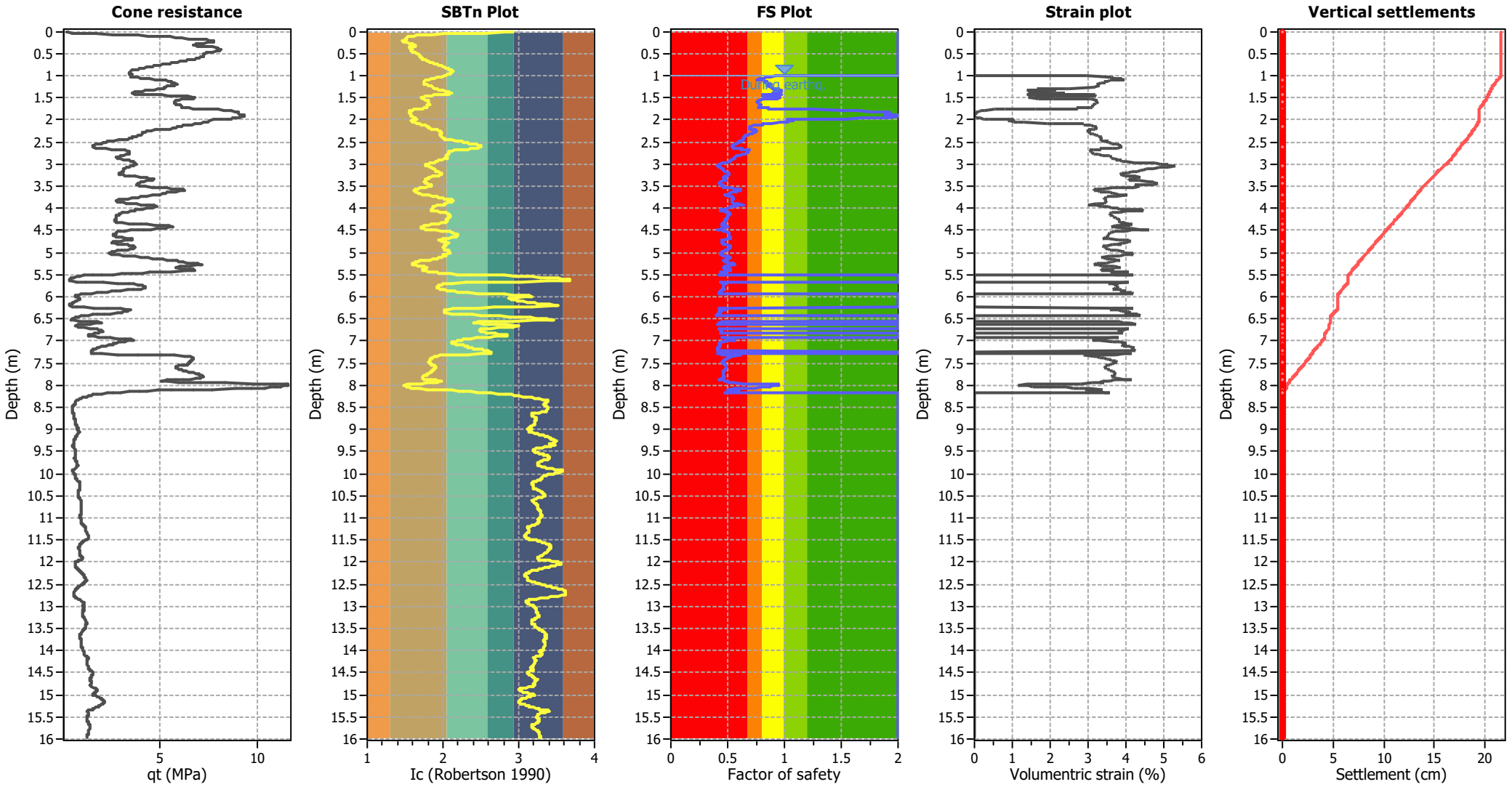
Overall liquefaction potential: 20.00

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	101.70	2.00	0.00	1.00	0.00	1.01	95.79	0.92	2.97	1.00	0.03
1.02	90.99	0.87	3.53	1.00	0.04	1.03	92.08	0.87	3.49	1.00	0.03
1.04	88.90	0.84	3.62	1.00	0.04	1.05	87.28	0.82	3.68	1.00	0.04
1.06	82.85	0.78	3.88	1.00	0.04	1.07	83.80	0.79	3.83	1.00	0.04
1.08	80.92	0.76	3.97	1.00	0.04	1.09	85.19	0.79	3.77	1.00	0.04
1.10	84.63	0.78	3.80	1.00	0.04	1.11	89.80	0.82	3.58	1.00	0.04
1.12	90.73	0.82	3.54	1.00	0.04	1.13	93.70	0.85	3.43	1.00	0.03
1.14	93.70	0.84	3.43	1.00	0.03	1.15	93.32	0.83	3.45	1.00	0.03
1.16	94.56	0.84	3.40	1.00	0.03	1.17	95.82	0.85	3.36	1.00	0.03
1.18	99.01	0.88	3.25	1.00	0.03	1.19	99.80	0.88	3.22	1.00	0.03
1.20	99.05	0.87	3.24	1.00	0.03	1.21	99.38	0.87	3.23	1.00	0.03
1.22	97.32	0.85	3.30	1.00	0.03	1.23	98.65	0.86	3.26	1.00	0.03
1.24	98.31	0.85	3.27	1.00	0.03	1.25	101.61	0.88	3.16	1.00	0.03
1.26	101.84	0.88	3.15	1.00	0.03	1.27	102.41	0.88	3.14	1.00	0.03
1.28	104.44	0.90	2.48	1.00	0.02	1.29	104.92	0.90	2.40	1.00	0.02
1.30	108.83	0.95	1.67	1.00	0.02	1.31	106.40	0.91	2.13	1.00	0.02
1.32	110.87	0.97	1.46	1.00	0.01	1.33	109.54	0.95	1.65	1.00	0.02
1.34	111.86	0.97	1.40	1.00	0.01	1.35	109.77	0.94	1.68	1.00	0.02
1.36	112.01	0.97	1.43	1.00	0.01	1.37	108.17	0.92	2.01	1.00	0.02
1.38	109.72	0.93	1.77	1.00	0.02	1.39	109.27	0.92	1.88	1.00	0.02
1.40	107.12	0.89	2.39	1.00	0.02	1.41	109.33	0.92	1.93	1.00	0.02
1.42	105.01	0.86	3.06	1.00	0.03	1.43	113.76	0.97	1.38	1.00	0.01
1.44	100.13	0.81	3.21	1.00	0.03	1.45	101.16	0.82	3.18	1.00	0.03
1.46	100.44	0.81	3.20	1.00	0.03	1.47	109.24	0.90	2.16	1.00	0.02
1.48	112.81	0.94	1.59	1.00	0.02	1.49	114.22	0.96	1.44	1.00	0.01
1.50	114.22	0.96	1.46	1.00	0.01	1.51	112.58	0.93	1.68	1.00	0.02
1.52	110.48	0.90	2.06	1.00	0.02	1.53	105.57	0.84	3.04	1.00	0.03
1.54	103.86	0.82	3.09	1.00	0.03	1.55	99.09	0.77	3.24	1.00	0.03
1.56	99.89	0.78	3.22	1.00	0.03	1.57	100.06	0.78	3.21	1.00	0.03
1.58	98.92	0.77	3.25	1.00	0.03	1.59	99.50	0.77	3.23	1.00	0.03
1.60	98.50	0.76	3.26	1.00	0.03	1.61	99.97	0.77	3.21	1.00	0.03
1.62	100.38	0.77	3.20	1.00	0.03	1.63	100.82	0.77	3.19	1.00	0.03
1.64	102.03	0.78	3.15	1.00	0.03	1.65	101.90	0.78	3.15	1.00	0.03
1.66	101.72	0.78	3.16	1.00	0.03	1.67	103.18	0.79	3.11	1.00	0.03
1.68	102.70	0.78	3.13	1.00	0.03	1.69	102.63	0.78	3.13	1.00	0.03
1.70	102.65	0.78	3.13	1.00	0.03	1.71	102.47	0.77	3.13	1.00	0.03
1.72	104.65	0.79	3.07	1.00	0.03	1.73	110.78	0.86	2.69	1.00	0.03
1.74	110.78	0.86	2.73	1.00	0.03	1.75	116.17	0.93	1.63	1.00	0.02
1.76	126.62	1.10	0.81	1.00	0.01	1.77	132.86	1.24	0.55	1.00	0.01
1.78	142.31	1.52	0.26	1.00	0.00	1.79	142.31	1.52	0.26	1.00	0.00
1.80	145.90	1.66	0.17	1.00	0.00	1.81	148.25	1.76	0.11	1.00	0.00
1.82	151.28	1.90	0.04	1.00	0.00	1.83	151.75	1.93	0.03	1.00	0.00
1.84	151.52	1.91	0.04	1.00	0.00	1.85	151.52	1.91	0.04	1.00	0.00
1.86	152.14	1.94	0.03	1.00	0.00	1.87	151.28	1.89	0.05	1.00	0.00
1.88	153.38	2.00	0.00	1.00	0.00	1.89	155.41	2.00	0.00	1.00	0.00
1.90	155.41	2.00	0.00	1.00	0.00	1.91	157.29	2.00	0.00	1.00	0.00
1.92	156.05	2.00	0.00	1.00	0.00	1.93	155.41	2.00	0.00	1.00	0.00
1.94	151.99	1.90	0.04	1.00	0.00	1.95	147.54	1.68	0.15	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	147.54	1.68	0.16	1.00	0.00	1.97	144.42	1.54	0.24	1.00	0.00
1.98	143.40	1.50	0.27	1.00	0.00	1.99	139.10	1.36	0.40	1.00	0.00
2.00	125.14	1.02	1.03	1.00	0.01	2.01	125.14	1.02	1.04	1.00	0.01
2.02	127.95	1.07	0.87	1.00	0.01	2.03	126.71	1.05	0.95	1.00	0.01
2.04	125.46	1.02	1.04	1.00	0.01	2.05	124.14	1.00	1.13	1.00	0.01
2.06	122.11	0.96	1.31	1.00	0.01	2.07	117.34	0.89	1.91	1.00	0.02
2.08	116.49	0.87	2.07	1.00	0.02	2.09	111.42	0.81	2.87	1.00	0.03
2.10	111.42	0.81	2.87	1.00	0.03	2.11	109.39	0.79	2.93	1.00	0.03
2.12	106.97	0.76	3.00	1.00	0.03	2.13	104.35	0.73	3.08	1.00	0.03
2.14	101.27	0.70	3.17	1.00	0.03	2.15	101.84	0.71	3.15	1.00	0.03
2.16	99.54	0.69	3.23	1.00	0.03	2.17	100.42	0.69	3.20	1.00	0.03
2.18	99.98	0.69	3.21	1.00	0.03	2.19	99.91	0.69	3.22	1.00	0.03
2.20	100.21	0.69	3.21	1.00	0.03	2.21	102.08	0.70	3.15	1.00	0.03
2.22	102.90	0.71	3.12	1.00	0.03	2.23	106.47	0.74	3.01	1.00	0.03
2.24	104.66	0.72	3.07	1.00	0.03	2.25	108.01	0.75	2.97	1.00	0.03
2.26	107.41	0.75	2.98	1.00	0.03	2.27	107.21	0.74	2.99	1.00	0.03
2.28	106.42	0.74	3.01	1.00	0.03	2.29	105.76	0.73	3.03	1.00	0.03
2.30	105.25	0.72	3.05	1.00	0.03	2.31	103.11	0.70	3.11	1.00	0.03
2.32	101.84	0.69	3.15	1.00	0.03	2.33	101.14	0.68	3.18	1.00	0.03
2.34	100.19	0.68	3.21	1.00	0.03	2.35	99.04	0.67	3.24	1.00	0.03
2.36	98.00	0.66	3.28	1.00	0.03	2.37	98.01	0.66	3.28	1.00	0.03
2.38	96.07	0.64	3.35	1.00	0.03	2.39	96.55	0.64	3.33	1.00	0.03
2.40	95.56	0.64	3.36	1.00	0.03	2.41	96.82	0.64	3.32	1.00	0.03
2.42	96.21	0.64	3.34	1.00	0.03	2.43	96.13	0.64	3.34	1.00	0.03
2.44	96.72	0.64	3.32	1.00	0.03	2.45	97.62	0.65	3.29	1.00	0.03
2.46	95.06	0.63	3.38	1.00	0.03	2.47	95.89	0.63	3.35	1.00	0.03
2.48	91.21	0.60	3.53	1.00	0.04	2.49	93.09	0.61	3.45	1.00	0.03
2.50	90.93	0.60	3.54	1.00	0.04	2.51	89.96	0.59	3.57	1.00	0.04
2.52	89.42	0.59	3.60	1.00	0.04	2.53	88.55	0.58	3.63	1.00	0.04
2.54	87.88	0.57	3.66	1.00	0.04	2.55	86.56	0.57	3.71	1.00	0.04
2.56	85.66	0.56	3.75	1.00	0.04	2.57	83.25	0.55	3.86	1.00	0.04
2.58	83.66	0.55	3.84	1.00	0.04	2.59	83.08	0.54	3.86	1.00	0.04
2.60	82.60	0.54	3.89	1.00	0.04	2.61	82.51	0.54	3.89	1.00	0.04
2.62	82.44	0.54	3.89	1.00	0.04	2.63	85.39	0.55	3.76	1.00	0.04
2.64	87.96	0.57	3.65	1.00	0.04	2.65	97.46	0.63	3.30	1.00	0.03
2.66	96.05	0.62	3.35	1.00	0.03	2.67	102.25	0.67	3.14	1.00	0.03
2.68	105.16	0.69	3.05	1.00	0.03	2.69	105.76	0.69	3.03	1.00	0.03
2.70	104.23	0.68	3.08	1.00	0.03	2.71	104.66	0.68	3.07	1.00	0.03
2.72	104.01	0.68	3.09	1.00	0.03	2.73	104.03	0.68	3.09	1.00	0.03
2.74	103.50	0.67	3.10	1.00	0.03	2.75	103.29	0.67	3.11	1.00	0.03
2.76	102.38	0.66	3.14	1.00	0.03	2.77	101.59	0.65	3.16	1.00	0.03
2.78	100.88	0.65	3.18	1.00	0.03	2.79	98.58	0.63	3.26	1.00	0.03
2.80	94.95	0.60	3.39	1.00	0.03	2.81	90.39	0.57	3.56	1.00	0.04
2.82	90.18	0.57	3.57	1.00	0.04	2.83	89.21	0.57	3.60	1.00	0.04
2.84	88.76	0.56	3.62	1.00	0.04	2.85	89.02	0.56	3.61	1.00	0.04
2.86	89.06	0.56	3.61	1.00	0.04	2.87	87.94	0.56	3.66	1.00	0.04
2.88	87.00	0.55	3.69	1.00	0.04	2.89	84.65	0.54	3.80	1.00	0.04
2.90	86.04	0.54	3.74	1.00	0.04	2.91	83.03	0.53	3.87	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	83.45	0.53	3.85	1.00	0.04	2.93	83.06	0.53	3.87	1.00	0.04
2.94	82.00	0.52	3.91	1.00	0.04	2.95	80.06	0.51	4.01	1.00	0.04
2.96	75.95	0.49	4.21	1.00	0.04	2.97	70.41	0.46	4.52	1.00	0.05
2.98	66.76	0.45	4.75	1.00	0.05	2.99	64.27	0.44	4.92	1.00	0.05
3.00	64.40	0.44	4.91	1.00	0.05	3.01	63.83	0.44	4.95	1.00	0.05
3.02	61.59	0.43	5.11	1.00	0.05	3.03	61.54	0.43	5.12	1.00	0.05
3.04	60.96	0.42	5.16	1.00	0.05	3.05	59.28	0.42	5.29	1.00	0.05
3.06	61.48	0.42	5.12	1.00	0.05	3.07	62.60	0.43	5.04	1.00	0.05
3.08	65.03	0.44	4.87	1.00	0.05	3.09	66.92	0.44	4.74	1.00	0.05
3.10	68.89	0.45	4.62	1.00	0.05	3.11	70.43	0.46	4.52	1.00	0.05
3.12	71.29	0.46	4.47	1.00	0.04	3.13	71.90	0.46	4.44	1.00	0.04
3.14	72.30	0.46	4.41	1.00	0.04	3.15	73.09	0.47	4.37	1.00	0.04
3.16	74.19	0.47	4.31	1.00	0.04	3.17	75.68	0.48	4.23	1.00	0.04
3.18	77.08	0.48	4.15	1.00	0.04	3.19	79.48	0.50	4.03	1.00	0.04
3.20	81.42	0.51	3.94	1.00	0.04	3.21	82.73	0.51	3.88	1.00	0.04
3.22	83.50	0.51	3.85	1.00	0.04	3.23	82.93	0.51	3.87	1.00	0.04
3.24	83.05	0.51	3.87	1.00	0.04	3.25	82.35	0.51	3.90	1.00	0.04
3.26	80.80	0.50	3.97	1.00	0.04	3.27	75.83	0.47	4.22	1.00	0.04
3.28	75.31	0.47	4.25	1.00	0.04	3.29	72.51	0.46	4.40	1.00	0.04
3.30	75.72	0.47	4.23	1.00	0.04	3.31	74.82	0.47	4.27	1.00	0.04
3.32	76.42	0.48	4.19	1.00	0.04	3.33	77.79	0.48	4.12	1.00	0.04
3.34	78.46	0.48	4.08	1.00	0.04	3.35	78.58	0.48	4.08	1.00	0.04
3.36	78.34	0.48	4.09	1.00	0.04	3.37	75.60	0.47	4.23	1.00	0.04
3.38	73.79	0.46	4.33	1.00	0.04	3.39	68.75	0.44	4.63	1.00	0.05
3.40	68.74	0.44	4.63	1.00	0.05	3.41	67.04	0.43	4.73	1.00	0.05
3.42	66.36	0.43	4.78	1.00	0.05	3.43	65.96	0.43	4.81	1.00	0.05
3.44	65.55	0.42	4.83	1.00	0.05	3.45	67.09	0.43	4.73	1.00	0.05
3.46	69.36	0.44	4.59	1.00	0.05	3.47	72.80	0.45	4.39	1.00	0.04
3.48	75.62	0.47	4.23	1.00	0.04	3.49	74.35	0.46	4.30	1.00	0.04
3.50	73.72	0.46	4.33	1.00	0.04	3.51	73.29	0.45	4.36	1.00	0.04
3.52	75.57	0.46	4.23	1.00	0.04	3.53	84.26	0.51	3.81	1.00	0.04
3.54	88.17	0.53	3.65	1.00	0.04	3.55	95.28	0.57	3.37	1.00	0.03
3.56	95.20	0.57	3.38	1.00	0.03	3.57	99.11	0.59	3.24	1.00	0.03
3.58	101.75	0.61	3.16	1.00	0.03	3.59	102.20	0.61	3.14	1.00	0.03
3.60	100.73	0.60	3.19	1.00	0.03	3.61	98.76	0.59	3.25	1.00	0.03
3.62	96.90	0.58	3.32	1.00	0.03	3.63	92.16	0.55	3.49	1.00	0.03
3.64	89.86	0.53	3.58	1.00	0.04	3.65	87.55	0.52	3.67	1.00	0.04
3.66	87.55	0.52	3.67	1.00	0.04	3.67	86.14	0.51	3.73	1.00	0.04
3.68	84.11	0.50	3.82	1.00	0.04	3.69	82.40	0.49	3.90	1.00	0.04
3.70	80.81	0.48	3.97	1.00	0.04	3.71	79.77	0.48	4.02	1.00	0.04
3.72	86.14	0.51	3.73	1.00	0.04	3.73	86.26	0.51	3.73	1.00	0.04
3.74	91.58	0.54	3.51	1.00	0.04	3.75	91.74	0.54	3.51	1.00	0.04
3.76	93.20	0.55	3.45	1.00	0.03	3.77	94.22	0.55	3.41	1.00	0.03
3.78	94.38	0.56	3.41	1.00	0.03	3.79	94.17	0.55	3.41	1.00	0.03
3.80	94.44	0.56	3.40	1.00	0.03	3.81	92.86	0.54	3.46	1.00	0.03
3.82	92.93	0.54	3.46	1.00	0.03	3.83	92.71	0.54	3.47	1.00	0.03
3.84	92.24	0.54	3.49	1.00	0.03	3.85	92.53	0.54	3.48	1.00	0.03
3.86	92.68	0.54	3.47	1.00	0.03	3.87	93.10	0.54	3.45	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	94.33	0.55	3.41	1.00	0.03	3.89	98.35	0.58	3.27	1.00	0.03
3.90	99.67	0.59	3.22	1.00	0.03	3.91	106.59	0.64	3.01	1.00	0.03
3.92	103.62	0.61	3.10	1.00	0.03	3.93	102.95	0.61	3.12	1.00	0.03
3.94	99.84	0.59	3.22	1.00	0.03	3.95	96.62	0.56	3.33	1.00	0.03
3.96	94.60	0.55	3.40	1.00	0.03	3.97	90.89	0.53	3.54	1.00	0.04
3.98	88.81	0.51	3.62	1.00	0.04	3.99	84.93	0.49	3.78	1.00	0.04
4.00	85.23	0.49	3.77	1.00	0.04	4.01	83.28	0.48	3.86	1.00	0.04
4.02	74.70	0.44	4.28	1.00	0.04	4.03	72.23	0.43	4.42	1.00	0.04
4.04	71.99	0.43	4.43	1.00	0.04	4.05	71.66	0.43	4.45	1.00	0.04
4.06	73.91	0.44	4.32	1.00	0.04	4.07	79.97	0.47	4.01	1.00	0.04
4.08	83.34	0.48	3.85	1.00	0.04	4.09	88.30	0.51	3.64	1.00	0.04
4.10	88.51	0.51	3.63	1.00	0.04	4.11	90.38	0.52	3.56	1.00	0.04
4.12	90.05	0.52	3.57	1.00	0.04	4.13	90.02	0.52	3.57	1.00	0.04
4.14	89.83	0.52	3.58	1.00	0.04	4.15	89.42	0.51	3.60	1.00	0.04
4.16	89.83	0.52	3.58	1.00	0.04	4.17	88.06	0.50	3.65	1.00	0.04
4.18	88.21	0.51	3.64	1.00	0.04	4.19	87.75	0.50	3.66	1.00	0.04
4.20	87.03	0.50	3.69	1.00	0.04	4.21	86.48	0.50	3.72	1.00	0.04
4.22	85.71	0.49	3.75	1.00	0.04	4.23	84.99	0.49	3.78	1.00	0.04
4.24	84.65	0.49	3.79	1.00	0.04	4.25	84.70	0.48	3.79	1.00	0.04
4.26	83.60	0.48	3.84	1.00	0.04	4.27	84.08	0.48	3.82	1.00	0.04
4.28	83.92	0.48	3.83	1.00	0.04	4.29	84.53	0.48	3.80	1.00	0.04
4.30	84.12	0.48	3.82	1.00	0.04	4.31	83.36	0.48	3.85	1.00	0.04
4.32	81.23	0.47	3.95	1.00	0.04	4.33	81.93	0.47	3.92	1.00	0.04
4.34	78.80	0.45	4.07	1.00	0.04	4.35	83.17	0.47	3.86	1.00	0.04
4.36	76.74	0.44	4.17	1.00	0.04	4.37	76.97	0.45	4.16	1.00	0.04
4.38	77.71	0.45	4.12	1.00	0.04	4.39	82.18	0.47	3.91	1.00	0.04
4.40	86.43	0.49	3.72	1.00	0.04	4.41	88.64	0.50	3.63	1.00	0.04
4.42	88.64	0.50	3.63	1.00	0.04	4.43	86.67	0.49	3.71	1.00	0.04
4.44	81.15	0.46	3.95	1.00	0.04	4.45	81.09	0.46	3.96	1.00	0.04
4.46	77.46	0.45	4.14	1.00	0.04	4.47	72.94	0.43	4.38	1.00	0.04
4.48	68.96	0.41	4.61	1.00	0.05	4.49	69.29	0.41	4.59	1.00	0.05
4.50	76.92	0.44	4.16	1.00	0.04	4.51	80.51	0.46	3.98	1.00	0.04
4.52	87.04	0.49	3.69	1.00	0.04	4.53	87.18	0.49	3.69	1.00	0.04
4.54	89.21	0.50	3.60	1.00	0.04	4.55	89.42	0.50	3.60	1.00	0.04
4.56	90.20	0.51	3.57	1.00	0.04	4.57	90.74	0.51	3.54	1.00	0.04
4.58	91.13	0.51	3.53	1.00	0.04	4.59	91.34	0.51	3.52	1.00	0.04
4.60	91.09	0.51	3.53	1.00	0.04	4.61	90.79	0.51	3.54	1.00	0.04
4.62	91.73	0.51	3.51	1.00	0.04	4.63	91.18	0.51	3.53	1.00	0.04
4.64	91.51	0.51	3.51	1.00	0.04	4.65	92.05	0.52	3.49	1.00	0.03
4.66	93.14	0.52	3.45	1.00	0.03	4.67	93.51	0.52	3.44	1.00	0.03
4.68	94.83	0.53	3.39	1.00	0.03	4.69	90.58	0.51	3.55	1.00	0.04
4.70	84.44	0.47	3.80	1.00	0.04	4.71	81.59	0.46	3.93	1.00	0.04
4.72	80.49	0.45	3.99	1.00	0.04	4.73	78.85	0.45	4.06	1.00	0.04
4.74	78.12	0.44	4.10	1.00	0.04	4.75	78.13	0.44	4.10	1.00	0.04
4.76	78.95	0.45	4.06	1.00	0.04	4.77	80.07	0.45	4.01	1.00	0.04
4.78	81.54	0.46	3.94	1.00	0.04	4.79	81.65	0.46	3.93	1.00	0.04
4.80	85.41	0.48	3.76	1.00	0.04	4.81	82.82	0.46	3.88	1.00	0.04
4.82	85.49	0.48	3.76	1.00	0.04	4.83	88.14	0.49	3.65	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	91.43	0.51	3.52	1.00	0.04	4.85	93.03	0.52	3.46	1.00	0.03
4.86	95.31	0.53	3.37	1.00	0.03	4.87	93.67	0.52	3.43	1.00	0.03
4.88	92.86	0.51	3.46	1.00	0.03	4.89	93.07	0.52	3.46	1.00	0.03
4.90	93.40	0.52	3.44	1.00	0.03	4.91	92.71	0.51	3.47	1.00	0.03
4.92	91.06	0.50	3.53	1.00	0.04	4.93	89.60	0.50	3.59	1.00	0.04
4.94	88.84	0.49	3.62	1.00	0.04	4.95	86.44	0.48	3.72	1.00	0.04
4.96	85.51	0.47	3.76	1.00	0.04	4.97	82.00	0.46	3.91	1.00	0.04
4.98	81.86	0.46	3.92	1.00	0.04	4.99	81.22	0.45	3.95	1.00	0.04
5.00	81.37	0.45	3.94	1.00	0.04	5.01	77.87	0.44	4.11	1.00	0.04
5.02	76.37	0.43	4.19	1.00	0.04	5.03	77.42	0.44	4.14	1.00	0.04
5.04	76.47	0.43	4.19	1.00	0.04	5.05	77.81	0.44	4.12	1.00	0.04
5.06	81.09	0.45	3.96	1.00	0.04	5.07	83.77	0.46	3.83	1.00	0.04
5.08	88.91	0.49	3.62	1.00	0.04	5.09	90.07	0.50	3.57	1.00	0.04
5.10	96.28	0.53	3.34	1.00	0.03	5.11	93.14	0.51	3.45	1.00	0.03
5.12	93.58	0.51	3.44	1.00	0.03	5.13	92.60	0.51	3.47	1.00	0.03
5.14	91.92	0.50	3.50	1.00	0.03	5.15	87.74	0.48	3.66	1.00	0.04
5.16	85.11	0.47	3.78	1.00	0.04	5.17	83.44	0.46	3.85	1.00	0.04
5.18	86.40	0.47	3.72	1.00	0.04	5.19	86.34	0.47	3.72	1.00	0.04
5.20	87.64	0.48	3.67	1.00	0.04	5.21	89.05	0.49	3.61	1.00	0.04
5.22	90.34	0.49	3.56	1.00	0.04	5.23	91.69	0.50	3.51	1.00	0.04
5.24	96.80	0.53	3.32	1.00	0.03	5.25	99.64	0.55	3.22	1.00	0.03
5.26	101.57	0.56	3.16	1.00	0.03	5.27	101.51	0.56	3.16	1.00	0.03
5.28	100.61	0.56	3.19	1.00	0.03	5.29	98.28	0.54	3.27	1.00	0.03
5.30	94.67	0.52	3.40	1.00	0.03	5.31	90.61	0.49	3.55	1.00	0.04
5.32	87.22	0.48	3.69	1.00	0.04	5.33	83.70	0.46	3.84	1.00	0.04
5.34	83.53	0.46	3.84	1.00	0.04	5.35	86.97	0.48	3.70	1.00	0.04
5.36	86.67	0.47	3.71	1.00	0.04	5.37	90.13	0.49	3.57	1.00	0.04
5.38	93.35	0.51	3.44	1.00	0.03	5.39	95.68	0.52	3.36	1.00	0.03
5.40	96.40	0.53	3.34	1.00	0.03	5.41	95.83	0.52	3.36	1.00	0.03
5.42	90.27	0.49	3.56	1.00	0.04	5.43	87.79	0.48	3.66	1.00	0.04
5.44	78.46	0.43	4.08	1.00	0.04	5.45	89.33	0.49	3.60	1.00	0.04
5.46	88.39	0.48	3.64	1.00	0.04	5.47	88.92	0.48	3.62	1.00	0.04
5.48	88.31	0.48	3.64	1.00	0.04	5.49	86.74	0.47	3.71	1.00	0.04
5.50	85.08	0.46	3.78	1.00	0.04	5.51	76.46	0.43	4.19	1.00	0.04
5.52	16.66	2.00	0.00	1.00	0.00	5.53	12.14	2.00	0.00	1.00	0.00
5.54	12.13	2.00	0.00	1.00	0.00	5.55	10.59	2.00	0.00	1.00	0.00
5.56	9.17	2.00	0.00	1.00	0.00	5.57	8.09	2.00	0.00	1.00	0.00
5.58	7.13	2.00	0.00	1.00	0.00	5.59	6.31	2.00	0.00	1.00	0.00
5.60	6.10	2.00	0.00	1.00	0.00	5.61	5.62	2.00	0.00	1.00	0.00
5.62	5.14	2.00	0.00	1.00	0.00	5.63	5.20	2.00	0.00	1.00	0.00
5.64	5.20	2.00	0.00	1.00	0.00	5.65	6.35	2.00	0.00	1.00	0.00
5.66	9.77	2.00	0.00	1.00	0.00	5.67	16.46	2.00	0.00	1.00	0.00
5.68	78.90	0.43	4.06	1.00	0.04	5.69	91.21	0.49	3.53	1.00	0.04
5.70	84.50	0.46	3.80	1.00	0.04	5.71	88.36	0.48	3.64	1.00	0.04
5.72	85.55	0.46	3.76	1.00	0.04	5.73	86.42	0.47	3.72	1.00	0.04
5.74	85.74	0.46	3.75	1.00	0.04	5.75	86.38	0.47	3.72	1.00	0.04
5.76	86.02	0.47	3.74	1.00	0.04	5.77	85.62	0.46	3.75	1.00	0.04
5.78	85.22	0.46	3.77	1.00	0.04	5.79	84.37	0.46	3.81	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	85.65	0.46	3.75	1.00	0.04	5.81	86.49	0.47	3.72	1.00	0.04
5.82	87.79	0.47	3.66	1.00	0.04	5.83	88.09	0.48	3.65	1.00	0.04
5.84	87.60	0.47	3.67	1.00	0.04	5.85	82.91	0.45	3.87	1.00	0.04
5.86	83.76	0.45	3.83	1.00	0.04	5.87	80.21	0.44	4.00	1.00	0.04
5.88	83.35	0.45	3.85	1.00	0.04	5.89	80.98	0.44	3.96	1.00	0.04
5.90	79.14	0.43	4.05	1.00	0.04	5.91	77.08	0.42	4.15	1.00	0.04
5.92	76.02	0.42	4.21	1.00	0.04	5.93	15.91	2.00	0.00	1.00	0.00
5.94	14.12	2.00	0.00	1.00	0.00	5.95	11.06	2.00	0.00	1.00	0.00
5.96	11.04	2.00	0.00	1.00	0.00	5.97	10.00	2.00	0.00	1.00	0.00
5.98	9.34	2.00	0.00	1.00	0.00	5.99	9.21	2.00	0.00	1.00	0.00
6.00	9.33	2.00	0.00	1.00	0.00	6.01	9.58	2.00	0.00	1.00	0.00
6.02	12.48	2.00	0.00	1.00	0.00	6.03	12.48	2.00	0.00	1.00	0.00
6.04	12.40	2.00	0.00	1.00	0.00	6.05	12.34	2.00	0.00	1.00	0.00
6.06	12.19	2.00	0.00	1.00	0.00	6.07	11.86	2.00	0.00	1.00	0.00
6.08	11.34	2.00	0.00	1.00	0.00	6.09	10.49	2.00	0.00	1.00	0.00
6.10	9.77	2.00	0.00	1.00	0.00	6.11	9.13	2.00	0.00	1.00	0.00
6.12	8.73	2.00	0.00	1.00	0.00	6.13	7.63	2.00	0.00	1.00	0.00
6.14	7.62	2.00	0.00	1.00	0.00	6.15	7.10	2.00	0.00	1.00	0.00
6.16	6.70	2.00	0.00	1.00	0.00	6.17	6.30	2.00	0.00	1.00	0.00
6.18	5.84	2.00	0.00	1.00	0.00	6.19	5.44	2.00	0.00	1.00	0.00
6.20	5.11	2.00	0.00	1.00	0.00	6.21	5.04	2.00	0.00	1.00	0.00
6.22	5.62	2.00	0.00	1.00	0.00	6.23	12.69	2.00	0.00	1.00	0.00
6.24	12.74	2.00	0.00	1.00	0.00	6.25	76.18	0.42	4.20	1.00	0.04
6.26	84.24	0.45	3.81	1.00	0.04	6.27	87.96	0.47	3.66	1.00	0.04
6.28	90.15	0.48	3.57	1.00	0.04	6.29	87.27	0.47	3.68	1.00	0.04
6.30	84.70	0.45	3.79	1.00	0.04	6.31	83.94	0.45	3.83	1.00	0.04
6.32	82.41	0.44	3.90	1.00	0.04	6.33	80.65	0.44	3.98	1.00	0.04
6.34	79.23	0.43	4.05	1.00	0.04	6.35	78.03	0.42	4.11	1.00	0.04
6.36	77.94	0.42	4.11	1.00	0.04	6.37	77.79	0.42	4.12	1.00	0.04
6.38	81.20	0.44	3.95	1.00	0.04	6.39	74.27	0.41	4.30	1.00	0.04
6.40	78.27	0.42	4.09	1.00	0.04	6.41	74.52	0.41	4.29	1.00	0.04
6.42	72.54	0.40	4.40	1.00	0.04	6.43	15.14	2.00	0.00	1.00	0.00
6.44	13.49	2.00	0.00	1.00	0.00	6.45	12.02	2.00	0.00	1.00	0.00
6.46	9.92	2.00	0.00	1.00	0.00	6.47	9.22	2.00	0.00	1.00	0.00
6.48	8.07	2.00	0.00	1.00	0.00	6.49	8.07	2.00	0.00	1.00	0.00
6.50	7.24	2.00	0.00	1.00	0.00	6.51	6.79	2.00	0.00	1.00	0.00
6.52	6.21	2.00	0.00	1.00	0.00	6.53	6.20	2.00	0.00	1.00	0.00
6.54	6.53	2.00	0.00	1.00	0.00	6.55	12.92	2.00	0.00	1.00	0.00
6.56	17.96	2.00	0.00	1.00	0.00	6.57	83.39	0.45	3.85	1.00	0.04
6.58	81.86	0.44	3.92	1.00	0.04	6.59	81.31	0.44	3.95	1.00	0.04
6.60	77.94	0.42	4.11	1.00	0.04	6.61	74.79	0.41	4.28	1.00	0.04
6.62	16.49	2.00	0.00	1.00	0.00	6.63	14.55	2.00	0.00	1.00	0.00
6.64	9.75	2.00	0.00	1.00	0.00	6.65	9.37	2.00	0.00	1.00	0.00
6.66	9.60	2.00	0.00	1.00	0.00	6.67	9.60	2.00	0.00	1.00	0.00
6.68	10.90	2.00	0.00	1.00	0.00	6.69	12.94	2.00	0.00	1.00	0.00
6.70	15.52	2.00	0.00	1.00	0.00	6.71	17.91	2.00	0.00	1.00	0.00
6.72	78.81	0.42	4.07	1.00	0.04	6.73	79.60	0.43	4.03	1.00	0.04
6.74	81.69	0.44	3.93	1.00	0.04	6.75	81.60	0.44	3.93	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	82.83	0.44	3.88	1.00	0.04	6.77	84.04	0.45	3.82	1.00	0.04
6.78	84.44	0.45	3.80	1.00	0.04	6.79	84.26	0.45	3.81	1.00	0.04
6.80	83.59	0.45	3.84	1.00	0.04	6.81	81.58	0.44	3.93	1.00	0.04
6.82	22.82	2.00	0.00	1.00	0.00	6.83	21.14	2.00	0.00	1.00	0.00
6.84	21.11	2.00	0.00	1.00	0.00	6.85	20.20	2.00	0.00	1.00	0.00
6.86	19.05	2.00	0.00	1.00	0.00	6.87	18.13	2.00	0.00	1.00	0.00
6.88	17.22	2.00	0.00	1.00	0.00	6.89	18.47	2.00	0.00	1.00	0.00
6.90	20.45	2.00	0.00	1.00	0.00	6.91	27.08	2.00	0.00	1.00	0.00
6.92	84.58	0.45	3.80	1.00	0.04	6.93	89.15	0.47	3.61	1.00	0.04
6.94	93.93	0.50	3.42	1.00	0.03	6.95	97.87	0.52	3.28	1.00	0.03
6.96	100.93	0.54	3.18	1.00	0.03	6.97	103.64	0.56	3.10	1.00	0.03
6.98	101.39	0.54	3.17	1.00	0.03	6.99	98.57	0.52	3.26	1.00	0.03
7.00	97.17	0.52	3.31	1.00	0.03	7.01	88.26	0.47	3.64	1.00	0.04
7.02	85.65	0.45	3.75	1.00	0.04	7.03	83.77	0.45	3.83	1.00	0.04
7.04	80.23	0.43	4.00	1.00	0.04	7.05	80.36	0.43	3.99	1.00	0.04
7.06	80.06	0.43	4.01	1.00	0.04	7.07	81.58	0.44	3.93	1.00	0.04
7.08	81.77	0.44	3.93	1.00	0.04	7.09	82.20	0.44	3.91	1.00	0.04
7.10	82.49	0.44	3.89	1.00	0.04	7.11	81.51	0.44	3.94	1.00	0.04
7.12	80.12	0.43	4.00	1.00	0.04	7.13	77.90	0.42	4.11	1.00	0.04
7.14	77.17	0.42	4.15	1.00	0.04	7.15	75.98	0.41	4.21	1.00	0.04
7.16	76.73	0.42	4.17	1.00	0.04	7.17	76.48	0.41	4.19	1.00	0.04
7.18	76.12	0.41	4.20	1.00	0.04	7.19	76.06	0.41	4.21	1.00	0.04
7.20	75.86	0.41	4.22	1.00	0.04	7.21	75.87	0.41	4.22	1.00	0.04
7.22	75.53	0.41	4.24	1.00	0.04	7.23	75.30	0.41	4.25	1.00	0.04
7.24	18.93	2.00	0.00	1.00	0.00	7.25	18.92	2.00	0.00	1.00	0.00
7.26	18.79	2.00	0.00	1.00	0.00	7.27	19.24	2.00	0.00	1.00	0.00
7.28	77.14	0.42	4.15	1.00	0.04	7.29	80.85	0.43	3.97	1.00	0.04
7.30	85.85	0.45	3.74	1.00	0.04	7.31	103.19	0.55	3.11	1.00	0.03
7.32	104.12	0.56	3.08	1.00	0.03	7.33	110.86	0.61	2.89	1.00	0.03
7.34	101.61	0.54	3.16	1.00	0.03	7.35	101.75	0.54	3.16	1.00	0.03
7.36	99.38	0.53	3.23	1.00	0.03	7.37	97.26	0.51	3.31	1.00	0.03
7.38	95.72	0.51	3.36	1.00	0.03	7.39	94.16	0.50	3.41	1.00	0.03
7.40	92.27	0.49	3.49	1.00	0.03	7.41	91.14	0.48	3.53	1.00	0.04
7.42	90.28	0.48	3.56	1.00	0.04	7.43	90.06	0.47	3.57	1.00	0.04
7.44	89.37	0.47	3.60	1.00	0.04	7.45	88.13	0.46	3.65	1.00	0.04
7.46	86.29	0.46	3.72	1.00	0.04	7.47	85.13	0.45	3.77	1.00	0.04
7.48	85.72	0.45	3.75	1.00	0.04	7.49	86.55	0.46	3.71	1.00	0.04
7.50	87.61	0.46	3.67	1.00	0.04	7.51	88.10	0.46	3.65	1.00	0.04
7.52	88.68	0.47	3.63	1.00	0.04	7.53	89.54	0.47	3.59	1.00	0.04
7.54	90.89	0.48	3.54	1.00	0.04	7.55	91.38	0.48	3.52	1.00	0.04
7.56	92.81	0.49	3.46	1.00	0.03	7.57	92.39	0.49	3.48	1.00	0.03
7.58	93.14	0.49	3.45	1.00	0.03	7.59	93.11	0.49	3.45	1.00	0.03
7.60	93.46	0.49	3.44	1.00	0.03	7.61	93.02	0.49	3.46	1.00	0.03
7.62	92.30	0.49	3.48	1.00	0.03	7.63	91.82	0.48	3.50	1.00	0.04
7.64	90.72	0.48	3.54	1.00	0.04	7.65	90.72	0.48	3.54	1.00	0.04
7.66	89.98	0.47	3.57	1.00	0.04	7.67	89.43	0.47	3.60	1.00	0.04
7.68	88.66	0.47	3.63	1.00	0.04	7.69	87.75	0.46	3.66	1.00	0.04
7.70	87.35	0.46	3.68	1.00	0.04	7.71	86.81	0.46	3.70	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	87.10	0.46	3.69	1.00	0.04	7.73	86.54	0.46	3.71	1.00	0.04
7.74	87.44	0.46	3.68	1.00	0.04	7.75	86.86	0.46	3.70	1.00	0.04
7.76	86.58	0.46	3.71	1.00	0.04	7.77	86.92	0.46	3.70	1.00	0.04
7.78	87.65	0.46	3.67	1.00	0.04	7.79	88.06	0.46	3.65	1.00	0.04
7.80	88.80	0.47	3.62	1.00	0.04	7.81	88.06	0.46	3.65	1.00	0.04
7.82	86.92	0.46	3.70	1.00	0.04	7.83	86.87	0.46	3.70	1.00	0.04
7.84	86.35	0.46	3.72	1.00	0.04	7.85	84.93	0.45	3.78	1.00	0.04
7.86	81.09	0.43	3.96	1.00	0.04	7.87	78.07	0.42	4.10	1.00	0.04
7.88	77.15	0.42	4.15	1.00	0.04	7.89	87.11	0.46	3.69	1.00	0.04
7.90	89.67	0.47	3.59	1.00	0.04	7.91	94.60	0.50	3.40	1.00	0.03
7.92	95.51	0.50	3.37	1.00	0.03	7.93	96.96	0.51	3.32	1.00	0.03
7.94	93.60	0.49	3.44	1.00	0.03	7.95	103.19	0.55	3.11	1.00	0.03
7.96	114.24	0.65	2.80	1.00	0.03	7.97	133.03	0.90	1.39	1.00	0.01
7.98	132.96	0.90	1.40	1.00	0.01	7.99	135.64	0.95	1.16	1.00	0.01
8.00	135.58	0.95	1.16	1.00	0.01	8.01	132.38	0.89	1.46	1.00	0.01
8.02	132.82	0.90	1.41	1.00	0.01	8.03	131.56	0.88	1.55	1.00	0.02
8.04	126.35	0.79	2.41	1.00	0.02	8.05	126.29	0.79	2.42	1.00	0.02
8.06	121.92	0.73	2.61	1.00	0.03	8.07	115.72	0.66	2.76	1.00	0.03
8.08	105.15	0.57	3.05	1.00	0.03	8.09	94.87	0.50	3.39	1.00	0.03
8.10	96.27	0.51	3.34	1.00	0.03	8.11	109.57	0.60	2.92	1.00	0.03
8.12	101.45	0.54	3.17	1.00	0.03	8.13	107.53	0.59	2.98	1.00	0.03
8.14	102.03	0.55	3.15	1.00	0.03	8.15	97.67	0.52	3.29	1.00	0.03
8.16	93.83	0.50	3.43	1.00	0.03	8.17	90.04	0.48	3.57	1.00	0.04
8.18	27.95	2.00	0.00	1.00	0.00	8.19	23.40	2.00	0.00	1.00	0.00
8.20	21.52	2.00	0.00	1.00	0.00	8.21	18.97	2.00	0.00	1.00	0.00
8.22	18.95	2.00	0.00	1.00	0.00	8.23	17.95	2.00	0.00	1.00	0.00
8.24	17.16	2.00	0.00	1.00	0.00	8.25	16.61	2.00	0.00	1.00	0.00
8.26	15.66	2.00	0.00	1.00	0.00	8.27	13.55	2.00	0.00	1.00	0.00
8.28	12.99	2.00	0.00	1.00	0.00	8.29	11.48	2.00	0.00	1.00	0.00
8.30	11.47	2.00	0.00	1.00	0.00	8.31	10.74	2.00	0.00	1.00	0.00
8.32	10.00	2.00	0.00	1.00	0.00	8.33	9.33	2.00	0.00	1.00	0.00
8.34	8.88	2.00	0.00	1.00	0.00	8.35	8.43	2.00	0.00	1.00	0.00
8.36	8.25	2.00	0.00	1.00	0.00	8.37	8.19	2.00	0.00	1.00	0.00
8.38	7.74	2.00	0.00	1.00	0.00	8.39	7.73	2.00	0.00	1.00	0.00
8.40	7.50	2.00	0.00	1.00	0.00	8.41	7.34	2.00	0.00	1.00	0.00
8.42	7.39	2.00	0.00	1.00	0.00	8.43	7.33	2.00	0.00	1.00	0.00
8.44	7.16	2.00	0.00	1.00	0.00	8.45	6.82	2.00	0.00	1.00	0.00
8.46	6.59	2.00	0.00	1.00	0.00	8.47	6.20	2.00	0.00	1.00	0.00
8.48	6.20	2.00	0.00	1.00	0.00	8.49	6.13	2.00	0.00	1.00	0.00
8.50	5.96	2.00	0.00	1.00	0.00	8.51	5.79	2.00	0.00	1.00	0.00
8.52	5.68	2.00	0.00	1.00	0.00	8.53	5.73	2.00	0.00	1.00	0.00
8.54	5.68	2.00	0.00	1.00	0.00	8.55	5.61	2.00	0.00	1.00	0.00
8.56	5.50	2.00	0.00	1.00	0.00	8.57	5.50	2.00	0.00	1.00	0.00
8.58	5.50	2.00	0.00	1.00	0.00	8.59	5.54	2.00	0.00	1.00	0.00
8.60	5.60	2.00	0.00	1.00	0.00	8.61	5.70	2.00	0.00	1.00	0.00
8.62	6.15	2.00	0.00	1.00	0.00	8.63	6.53	2.00	0.00	1.00	0.00
8.64	6.86	2.00	0.00	1.00	0.00	8.65	6.86	2.00	0.00	1.00	0.00
8.66	6.85	2.00	0.00	1.00	0.00	8.67	6.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	6.91	2.00	0.00	1.00	0.00	8.69	6.95	2.00	0.00	1.00	0.00
8.70	6.90	2.00	0.00	1.00	0.00	8.71	6.84	2.00	0.00	1.00	0.00
8.72	6.89	2.00	0.00	1.00	0.00	8.73	6.89	2.00	0.00	1.00	0.00
8.74	6.89	2.00	0.00	1.00	0.00	8.75	6.93	2.00	0.00	1.00	0.00
8.76	6.99	2.00	0.00	1.00	0.00	8.77	7.09	2.00	0.00	1.00	0.00
8.78	7.20	2.00	0.00	1.00	0.00	8.79	7.25	2.00	0.00	1.00	0.00
8.80	7.41	2.00	0.00	1.00	0.00	8.81	7.40	2.00	0.00	1.00	0.00
8.82	7.50	2.00	0.00	1.00	0.00	8.83	7.45	2.00	0.00	1.00	0.00
8.84	7.45	2.00	0.00	1.00	0.00	8.85	7.39	2.00	0.00	1.00	0.00
8.86	7.38	2.00	0.00	1.00	0.00	8.87	7.49	2.00	0.00	1.00	0.00
8.88	7.54	2.00	0.00	1.00	0.00	8.89	7.59	2.00	0.00	1.00	0.00
8.90	7.75	2.00	0.00	1.00	0.00	8.91	7.80	2.00	0.00	1.00	0.00
8.92	8.24	2.00	0.00	1.00	0.00	8.93	8.23	2.00	0.00	1.00	0.00
8.94	8.38	2.00	0.00	1.00	0.00	8.95	8.60	2.00	0.00	1.00	0.00
8.96	8.76	2.00	0.00	1.00	0.00	8.97	8.91	2.00	0.00	1.00	0.00
8.98	9.01	2.00	0.00	1.00	0.00	8.99	9.39	2.00	0.00	1.00	0.00
9.00	8.36	2.00	0.00	1.00	0.00	9.01	8.36	2.00	0.00	1.00	0.00
9.02	9.05	2.00	0.00	1.00	0.00	9.03	9.43	2.00	0.00	1.00	0.00
9.04	9.58	2.00	0.00	1.00	0.00	9.05	9.73	2.00	0.00	1.00	0.00
9.06	9.62	2.00	0.00	1.00	0.00	9.07	9.46	2.00	0.00	1.00	0.00
9.08	9.29	2.00	0.00	1.00	0.00	9.09	9.12	2.00	0.00	1.00	0.00
9.10	8.75	2.00	0.00	1.00	0.00	9.11	8.74	2.00	0.00	1.00	0.00
9.12	8.68	2.00	0.00	1.00	0.00	9.13	8.57	2.00	0.00	1.00	0.00
9.14	8.35	2.00	0.00	1.00	0.00	9.15	8.18	2.00	0.00	1.00	0.00
9.16	7.97	2.00	0.00	1.00	0.00	9.17	7.80	2.00	0.00	1.00	0.00
9.18	7.42	2.00	0.00	1.00	0.00	9.19	7.31	2.00	0.00	1.00	0.00
9.20	7.19	2.00	0.00	1.00	0.00	9.21	7.18	2.00	0.00	1.00	0.00
9.22	7.13	2.00	0.00	1.00	0.00	9.23	6.91	2.00	0.00	1.00	0.00
9.24	6.70	2.00	0.00	1.00	0.00	9.25	6.48	2.00	0.00	1.00	0.00
9.26	6.26	2.00	0.00	1.00	0.00	9.27	6.21	2.00	0.00	1.00	0.00
9.28	6.14	2.00	0.00	1.00	0.00	9.29	6.14	2.00	0.00	1.00	0.00
9.30	6.20	2.00	0.00	1.00	0.00	9.31	6.24	2.00	0.00	1.00	0.00
9.32	6.45	2.00	0.00	1.00	0.00	9.33	6.51	2.00	0.00	1.00	0.00
9.34	6.13	2.00	0.00	1.00	0.00	9.35	5.70	2.00	0.00	1.00	0.00
9.36	5.43	2.00	0.00	1.00	0.00	9.37	5.37	2.00	0.00	1.00	0.00
9.38	5.69	2.00	0.00	1.00	0.00	9.39	5.69	2.00	0.00	1.00	0.00
9.40	6.05	2.00	0.00	1.00	0.00	9.41	6.26	2.00	0.00	1.00	0.00
9.42	6.36	2.00	0.00	1.00	0.00	9.43	6.52	2.00	0.00	1.00	0.00
9.44	6.68	2.00	0.00	1.00	0.00	9.45	6.73	2.00	0.00	1.00	0.00
9.46	6.99	2.00	0.00	1.00	0.00	9.47	6.99	2.00	0.00	1.00	0.00
9.48	7.20	2.00	0.00	1.00	0.00	9.49	7.36	2.00	0.00	1.00	0.00
9.50	7.35	2.00	0.00	1.00	0.00	9.51	7.39	2.00	0.00	1.00	0.00
9.52	7.45	2.00	0.00	1.00	0.00	9.53	7.44	2.00	0.00	1.00	0.00
9.54	7.34	2.00	0.00	1.00	0.00	9.55	7.28	2.00	0.00	1.00	0.00
9.56	7.27	2.00	0.00	1.00	0.00	9.57	7.11	2.00	0.00	1.00	0.00
9.58	7.11	2.00	0.00	1.00	0.00	9.59	6.94	2.00	0.00	1.00	0.00
9.60	6.84	2.00	0.00	1.00	0.00	9.61	6.84	2.00	0.00	1.00	0.00
9.62	6.78	2.00	0.00	1.00	0.00	9.63	6.77	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	6.61	2.00	0.00	1.00	0.00	9.65	6.61	2.00	0.00	1.00	0.00
9.66	6.72	2.00	0.00	1.00	0.00	9.67	6.71	2.00	0.00	1.00	0.00
9.68	6.87	2.00	0.00	1.00	0.00	9.69	6.96	2.00	0.00	1.00	0.00
9.70	7.16	2.00	0.00	1.00	0.00	9.71	7.27	2.00	0.00	1.00	0.00
9.72	7.37	2.00	0.00	1.00	0.00	9.73	7.58	2.00	0.00	1.00	0.00
9.74	7.73	2.00	0.00	1.00	0.00	9.75	8.09	2.00	0.00	1.00	0.00
9.76	8.08	2.00	0.00	1.00	0.00	9.77	8.18	2.00	0.00	1.00	0.00
9.78	8.29	2.00	0.00	1.00	0.00	9.79	8.28	2.00	0.00	1.00	0.00
9.80	8.32	2.00	0.00	1.00	0.00	9.81	8.38	2.00	0.00	1.00	0.00
9.82	8.27	2.00	0.00	1.00	0.00	9.83	8.21	2.00	0.00	1.00	0.00
9.84	7.85	2.00	0.00	1.00	0.00	9.85	7.85	2.00	0.00	1.00	0.00
9.86	7.69	2.00	0.00	1.00	0.00	9.87	7.52	2.00	0.00	1.00	0.00
9.88	7.25	2.00	0.00	1.00	0.00	9.89	7.05	2.00	0.00	1.00	0.00
9.90	6.73	2.00	0.00	1.00	0.00	9.91	6.26	2.00	0.00	1.00	0.00
9.92	6.10	2.00	0.00	1.00	0.00	9.93	5.89	2.00	0.00	1.00	0.00
9.94	5.88	2.00	0.00	1.00	0.00	9.95	5.58	2.00	0.00	1.00	0.00
9.96	5.58	2.00	0.00	1.00	0.00	9.97	5.73	2.00	0.00	1.00	0.00
9.98	5.77	2.00	0.00	1.00	0.00	9.99	5.87	2.00	0.00	1.00	0.00
10.00	6.13	2.00	0.00	1.00	0.00	10.01	6.23	2.00	0.00	1.00	0.00
10.02	6.33	2.00	0.00	1.00	0.00	10.03	6.32	2.00	0.00	1.00	0.00
10.04	6.47	2.00	0.00	1.00	0.00	10.05	6.68	2.00	0.00	1.00	0.00
10.06	6.88	2.00	0.00	1.00	0.00	10.07	6.93	2.00	0.00	1.00	0.00
10.08	6.93	2.00	0.00	1.00	0.00	10.09	6.87	2.00	0.00	1.00	0.00
10.10	6.92	2.00	0.00	1.00	0.00	10.11	7.22	2.00	0.00	1.00	0.00
10.12	7.22	2.00	0.00	1.00	0.00	10.13	7.32	2.00	0.00	1.00	0.00
10.14	7.42	2.00	0.00	1.00	0.00	10.15	7.52	2.00	0.00	1.00	0.00
10.16	7.67	2.00	0.00	1.00	0.00	10.17	7.82	2.00	0.00	1.00	0.00
10.18	8.28	2.00	0.00	1.00	0.00	10.19	8.32	2.00	0.00	1.00	0.00
10.20	8.58	2.00	0.00	1.00	0.00	10.21	8.57	2.00	0.00	1.00	0.00
10.22	8.72	2.00	0.00	1.00	0.00	10.23	8.81	2.00	0.00	1.00	0.00
10.24	8.96	2.00	0.00	1.00	0.00	10.25	8.96	2.00	0.00	1.00	0.00
10.26	9.00	2.00	0.00	1.00	0.00	10.27	8.99	2.00	0.00	1.00	0.00
10.28	9.04	2.00	0.00	1.00	0.00	10.29	9.04	2.00	0.00	1.00	0.00
10.30	9.19	2.00	0.00	1.00	0.00	10.31	9.39	2.00	0.00	1.00	0.00
10.32	9.43	2.00	0.00	1.00	0.00	10.33	9.38	2.00	0.00	1.00	0.00
10.34	9.27	2.00	0.00	1.00	0.00	10.35	9.11	2.00	0.00	1.00	0.00
10.36	9.10	2.00	0.00	1.00	0.00	10.37	8.81	2.00	0.00	1.00	0.00
10.38	8.80	2.00	0.00	1.00	0.00	10.39	8.74	2.00	0.00	1.00	0.00
10.40	8.68	2.00	0.00	1.00	0.00	10.41	8.64	2.00	0.00	1.00	0.00
10.42	8.52	2.00	0.00	1.00	0.00	10.43	8.42	2.00	0.00	1.00	0.00
10.44	8.42	2.00	0.00	1.00	0.00	10.45	8.31	2.00	0.00	1.00	0.00
10.46	8.31	2.00	0.00	1.00	0.00	10.47	8.31	2.00	0.00	1.00	0.00
10.48	8.30	2.00	0.00	1.00	0.00	10.49	8.24	2.00	0.00	1.00	0.00
10.50	8.19	2.00	0.00	1.00	0.00	10.51	8.18	2.00	0.00	1.00	0.00
10.52	8.29	2.00	0.00	1.00	0.00	10.53	8.53	2.00	0.00	1.00	0.00
10.54	8.68	2.00	0.00	1.00	0.00	10.55	9.02	2.00	0.00	1.00	0.00
10.56	9.01	2.00	0.00	1.00	0.00	10.57	9.16	2.00	0.00	1.00	0.00
10.58	9.41	2.00	0.00	1.00	0.00	10.59	9.60	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	9.80	2.00	0.00	1.00	0.00	10.61	9.99	2.00	0.00	1.00	0.00
10.62	10.04	2.00	0.00	1.00	0.00	10.63	10.08	2.00	0.00	1.00	0.00
10.64	10.08	2.00	0.00	1.00	0.00	10.65	10.07	2.00	0.00	1.00	0.00
10.66	10.11	2.00	0.00	1.00	0.00	10.67	10.06	2.00	0.00	1.00	0.00
10.68	9.95	2.00	0.00	1.00	0.00	10.69	9.95	2.00	0.00	1.00	0.00
10.70	9.90	2.00	0.00	1.00	0.00	10.71	9.94	2.00	0.00	1.00	0.00
10.72	9.93	2.00	0.00	1.00	0.00	10.73	9.93	2.00	0.00	1.00	0.00
10.74	9.97	2.00	0.00	1.00	0.00	10.75	10.07	2.00	0.00	1.00	0.00
10.76	10.11	2.00	0.00	1.00	0.00	10.77	10.11	2.00	0.00	1.00	0.00
10.78	10.25	2.00	0.00	1.00	0.00	10.79	10.15	2.00	0.00	1.00	0.00
10.80	10.00	2.00	0.00	1.00	0.00	10.81	9.99	2.00	0.00	1.00	0.00
10.82	10.03	2.00	0.00	1.00	0.00	10.83	9.93	2.00	0.00	1.00	0.00
10.84	9.77	2.00	0.00	1.00	0.00	10.85	9.62	2.00	0.00	1.00	0.00
10.86	9.52	2.00	0.00	1.00	0.00	10.87	9.61	2.00	0.00	1.00	0.00
10.88	9.61	2.00	0.00	1.00	0.00	10.89	9.60	2.00	0.00	1.00	0.00
10.90	9.55	2.00	0.00	1.00	0.00	10.91	9.44	2.00	0.00	1.00	0.00
10.92	9.44	2.00	0.00	1.00	0.00	10.93	9.34	2.00	0.00	1.00	0.00
10.94	9.19	2.00	0.00	1.00	0.00	10.95	9.18	2.00	0.00	1.00	0.00
10.96	9.23	2.00	0.00	1.00	0.00	10.97	9.17	2.00	0.00	1.00	0.00
10.98	9.17	2.00	0.00	1.00	0.00	10.99	9.11	2.00	0.00	1.00	0.00
11.00	9.15	2.00	0.00	1.00	0.00	11.01	9.14	2.00	0.00	1.00	0.00
11.02	9.44	2.00	0.00	1.00	0.00	11.03	9.78	2.00	0.00	1.00	0.00
11.04	9.73	2.00	0.00	1.00	0.00	11.05	9.67	2.00	0.00	1.00	0.00
11.06	9.67	2.00	0.00	1.00	0.00	11.07	9.61	2.00	0.00	1.00	0.00
11.08	9.51	2.00	0.00	1.00	0.00	11.09	9.46	2.00	0.00	1.00	0.00
11.10	9.55	2.00	0.00	1.00	0.00	11.11	9.64	2.00	0.00	1.00	0.00
11.12	9.73	2.00	0.00	1.00	0.00	11.13	9.98	2.00	0.00	1.00	0.00
11.14	9.97	2.00	0.00	1.00	0.00	11.15	10.16	2.00	0.00	1.00	0.00
11.16	10.40	2.00	0.00	1.00	0.00	11.17	10.53	2.00	0.00	1.00	0.00
11.18	10.82	2.00	0.00	1.00	0.00	11.19	11.21	2.00	0.00	1.00	0.00
11.20	11.83	2.00	0.00	1.00	0.00	11.21	11.83	2.00	0.00	1.00	0.00
11.22	12.06	2.00	0.00	1.00	0.00	11.23	12.16	2.00	0.00	1.00	0.00
11.24	12.10	2.00	0.00	1.00	0.00	11.25	12.15	2.00	0.00	1.00	0.00
11.26	12.23	2.00	0.00	1.00	0.00	11.27	12.18	2.00	0.00	1.00	0.00
11.28	12.22	2.00	0.00	1.00	0.00	11.29	12.22	2.00	0.00	1.00	0.00
11.30	12.26	2.00	0.00	1.00	0.00	11.31	12.20	2.00	0.00	1.00	0.00
11.32	12.29	2.00	0.00	1.00	0.00	11.33	12.52	2.00	0.00	1.00	0.00
11.34	12.86	2.00	0.00	1.00	0.00	11.35	12.85	2.00	0.00	1.00	0.00
11.36	12.90	2.00	0.00	1.00	0.00	11.37	12.89	2.00	0.00	1.00	0.00
11.38	13.17	2.00	0.00	1.00	0.00	11.39	13.50	2.00	0.00	1.00	0.00
11.40	13.64	2.00	0.00	1.00	0.00	11.41	13.68	2.00	0.00	1.00	0.00
11.42	13.67	2.00	0.00	1.00	0.00	11.43	13.62	2.00	0.00	1.00	0.00
11.44	13.56	2.00	0.00	1.00	0.00	11.45	13.55	2.00	0.00	1.00	0.00
11.46	13.45	2.00	0.00	1.00	0.00	11.47	13.21	2.00	0.00	1.00	0.00
11.48	13.01	2.00	0.00	1.00	0.00	11.49	12.71	2.00	0.00	1.00	0.00
11.50	12.09	2.00	0.00	1.00	0.00	11.51	11.79	2.00	0.00	1.00	0.00
11.52	11.17	2.00	0.00	1.00	0.00	11.53	11.17	2.00	0.00	1.00	0.00
11.54	10.77	2.00	0.00	1.00	0.00	11.55	10.48	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	10.20	2.00	0.00	1.00	0.00	11.57	9.90	2.00	0.00	1.00	0.00
11.58	9.61	2.00	0.00	1.00	0.00	11.59	9.23	2.00	0.00	1.00	0.00
11.60	8.98	2.00	0.00	1.00	0.00	11.61	8.79	2.00	0.00	1.00	0.00
11.62	8.78	2.00	0.00	1.00	0.00	11.63	8.73	2.00	0.00	1.00	0.00
11.64	8.82	2.00	0.00	1.00	0.00	11.65	8.77	2.00	0.00	1.00	0.00
11.66	8.48	2.00	0.00	1.00	0.00	11.67	8.43	2.00	0.00	1.00	0.00
11.68	8.37	2.00	0.00	1.00	0.00	11.69	8.37	2.00	0.00	1.00	0.00
11.70	8.46	2.00	0.00	1.00	0.00	11.71	8.46	2.00	0.00	1.00	0.00
11.72	8.55	2.00	0.00	1.00	0.00	11.73	8.54	2.00	0.00	1.00	0.00
11.74	8.54	2.00	0.00	1.00	0.00	11.75	8.44	2.00	0.00	1.00	0.00
11.76	8.48	2.00	0.00	1.00	0.00	11.77	8.58	2.00	0.00	1.00	0.00
11.78	8.57	2.00	0.00	1.00	0.00	11.79	8.66	2.00	0.00	1.00	0.00
11.80	8.80	2.00	0.00	1.00	0.00	11.81	8.89	2.00	0.00	1.00	0.00
11.82	8.93	2.00	0.00	1.00	0.00	11.83	8.93	2.00	0.00	1.00	0.00
11.84	8.93	2.00	0.00	1.00	0.00	11.85	8.92	2.00	0.00	1.00	0.00
11.86	9.15	2.00	0.00	1.00	0.00	11.87	9.34	2.00	0.00	1.00	0.00
11.88	9.43	2.00	0.00	1.00	0.00	11.89	9.56	2.00	0.00	1.00	0.00
11.90	9.47	2.00	0.00	1.00	0.00	11.91	9.50	2.00	0.00	1.00	0.00
11.92	9.50	2.00	0.00	1.00	0.00	11.93	9.49	2.00	0.00	1.00	0.00
11.94	9.17	2.00	0.00	1.00	0.00	11.95	8.69	2.00	0.00	1.00	0.00
11.96	8.17	2.00	0.00	1.00	0.00	11.97	7.74	2.00	0.00	1.00	0.00
11.98	7.08	2.00	0.00	1.00	0.00	11.99	6.71	2.00	0.00	1.00	0.00
12.00	6.56	2.00	0.00	1.00	0.00	12.01	6.56	2.00	0.00	1.00	0.00
12.02	6.33	2.00	0.00	1.00	0.00	12.03	6.18	2.00	0.00	1.00	0.00
12.04	6.13	2.00	0.00	1.00	0.00	12.05	6.04	2.00	0.00	1.00	0.00
12.06	5.94	2.00	0.00	1.00	0.00	12.07	5.98	2.00	0.00	1.00	0.00
12.08	6.17	2.00	0.00	1.00	0.00	12.09	6.17	2.00	0.00	1.00	0.00
12.10	6.35	2.00	0.00	1.00	0.00	12.11	6.48	2.00	0.00	1.00	0.00
12.12	6.58	2.00	0.00	1.00	0.00	12.13	6.76	2.00	0.00	1.00	0.00
12.14	7.09	2.00	0.00	1.00	0.00	12.15	7.17	2.00	0.00	1.00	0.00
12.16	7.45	2.00	0.00	1.00	0.00	12.17	7.45	2.00	0.00	1.00	0.00
12.18	7.67	2.00	0.00	1.00	0.00	12.19	8.00	2.00	0.00	1.00	0.00
12.20	8.23	2.00	0.00	1.00	0.00	12.21	8.59	2.00	0.00	1.00	0.00
12.22	8.78	2.00	0.00	1.00	0.00	12.23	9.06	2.00	0.00	1.00	0.00
12.24	9.05	2.00	0.00	1.00	0.00	12.25	9.33	2.00	0.00	1.00	0.00
12.26	9.64	2.00	0.00	1.00	0.00	12.27	9.92	2.00	0.00	1.00	0.00
12.28	10.10	2.00	0.00	1.00	0.00	12.29	10.47	2.00	0.00	1.00	0.00
12.30	10.60	2.00	0.00	1.00	0.00	12.31	10.65	2.00	0.00	1.00	0.00
12.32	10.64	2.00	0.00	1.00	0.00	12.33	10.59	2.00	0.00	1.00	0.00
12.34	10.63	2.00	0.00	1.00	0.00	12.35	10.72	2.00	0.00	1.00	0.00
12.36	10.80	2.00	0.00	1.00	0.00	12.37	11.12	2.00	0.00	1.00	0.00
12.38	11.21	2.00	0.00	1.00	0.00	12.39	11.43	2.00	0.00	1.00	0.00
12.40	11.43	2.00	0.00	1.00	0.00	12.41	11.66	2.00	0.00	1.00	0.00
12.42	11.60	2.00	0.00	1.00	0.00	12.43	11.37	2.00	0.00	1.00	0.00
12.44	11.23	2.00	0.00	1.00	0.00	12.45	10.81	2.00	0.00	1.00	0.00
12.46	10.58	2.00	0.00	1.00	0.00	12.47	10.16	2.00	0.00	1.00	0.00
12.48	10.15	2.00	0.00	1.00	0.00	12.49	9.73	2.00	0.00	1.00	0.00
12.50	9.36	2.00	0.00	1.00	0.00	12.51	9.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	8.85	2.00	0.00	1.00	0.00	12.53	8.75	2.00	0.00	1.00	0.00
12.54	8.52	2.00	0.00	1.00	0.00	12.55	8.01	2.00	0.00	1.00	0.00
12.56	8.01	2.00	0.00	1.00	0.00	12.57	7.78	2.00	0.00	1.00	0.00
12.58	7.45	2.00	0.00	1.00	0.00	12.59	7.17	2.00	0.00	1.00	0.00
12.60	6.86	2.00	0.00	1.00	0.00	12.61	6.48	2.00	0.00	1.00	0.00
12.62	6.30	2.00	0.00	1.00	0.00	12.63	5.88	2.00	0.00	1.00	0.00
12.64	5.88	2.00	0.00	1.00	0.00	12.65	5.83	2.00	0.00	1.00	0.00
12.66	5.79	2.00	0.00	1.00	0.00	12.67	5.65	2.00	0.00	1.00	0.00
12.68	5.41	2.00	0.00	1.00	0.00	12.69	5.41	2.00	0.00	1.00	0.00
12.70	5.27	2.00	0.00	1.00	0.00	12.71	5.27	2.00	0.00	1.00	0.00
12.72	5.13	2.00	0.00	1.00	0.00	12.73	5.04	2.00	0.00	1.00	0.00
12.74	5.00	2.00	0.00	1.00	0.00	12.75	4.95	2.00	0.00	1.00	0.00
12.76	4.99	2.00	0.00	1.00	0.00	12.77	5.12	2.00	0.00	1.00	0.00
12.78	5.62	2.00	0.00	1.00	0.00	12.79	5.62	2.00	0.00	1.00	0.00
12.80	5.93	2.00	0.00	1.00	0.00	12.81	6.25	2.00	0.00	1.00	0.00
12.82	6.61	2.00	0.00	1.00	0.00	12.83	7.06	2.00	0.00	1.00	0.00
12.84	7.73	2.00	0.00	1.00	0.00	12.85	7.95	2.00	0.00	1.00	0.00
12.86	8.32	2.00	0.00	1.00	0.00	12.87	8.32	2.00	0.00	1.00	0.00
12.88	8.63	2.00	0.00	1.00	0.00	12.89	9.03	2.00	0.00	1.00	0.00
12.90	9.30	2.00	0.00	1.00	0.00	12.91	9.62	2.00	0.00	1.00	0.00
12.92	9.79	2.00	0.00	1.00	0.00	12.93	9.78	2.00	0.00	1.00	0.00
12.94	9.78	2.00	0.00	1.00	0.00	12.95	9.78	2.00	0.00	1.00	0.00
12.96	9.86	2.00	0.00	1.00	0.00	12.97	9.82	2.00	0.00	1.00	0.00
12.98	9.59	2.00	0.00	1.00	0.00	12.99	9.59	2.00	0.00	1.00	0.00
13.00	9.45	2.00	0.00	1.00	0.00	13.01	9.62	2.00	0.00	1.00	0.00
13.02	9.66	2.00	0.00	1.00	0.00	13.03	9.61	2.00	0.00	1.00	0.00
13.04	9.69	2.00	0.00	1.00	0.00	13.05	9.69	2.00	0.00	1.00	0.00
13.06	9.51	2.00	0.00	1.00	0.00	13.07	9.42	2.00	0.00	1.00	0.00
13.08	9.55	2.00	0.00	1.00	0.00	13.09	9.54	2.00	0.00	1.00	0.00
13.10	9.67	2.00	0.00	1.00	0.00	13.11	9.49	2.00	0.00	1.00	0.00
13.12	9.40	2.00	0.00	1.00	0.00	13.13	9.43	2.00	0.00	1.00	0.00
13.14	9.25	2.00	0.00	1.00	0.00	13.15	9.15	2.00	0.00	1.00	0.00
13.16	9.15	2.00	0.00	1.00	0.00	13.17	9.24	2.00	0.00	1.00	0.00
13.18	9.28	2.00	0.00	1.00	0.00	13.19	9.27	2.00	0.00	1.00	0.00
13.20	9.10	2.00	0.00	1.00	0.00	13.21	9.09	2.00	0.00	1.00	0.00
13.22	9.31	2.00	0.00	1.00	0.00	13.23	9.31	2.00	0.00	1.00	0.00
13.24	9.35	2.00	0.00	1.00	0.00	13.25	9.43	2.00	0.00	1.00	0.00
13.26	9.65	2.00	0.00	1.00	0.00	13.27	9.96	2.00	0.00	1.00	0.00
13.28	9.96	2.00	0.00	1.00	0.00	13.29	9.99	2.00	0.00	1.00	0.00
13.30	10.39	2.00	0.00	1.00	0.00	13.31	10.38	2.00	0.00	1.00	0.00
13.32	10.69	2.00	0.00	1.00	0.00	13.33	10.73	2.00	0.00	1.00	0.00
13.34	10.77	2.00	0.00	1.00	0.00	13.35	10.77	2.00	0.00	1.00	0.00
13.36	10.76	2.00	0.00	1.00	0.00	13.37	11.03	2.00	0.00	1.00	0.00
13.38	11.02	2.00	0.00	1.00	0.00	13.39	11.02	2.00	0.00	1.00	0.00
13.40	10.88	2.00	0.00	1.00	0.00	13.41	10.79	2.00	0.00	1.00	0.00
13.42	10.55	2.00	0.00	1.00	0.00	13.43	10.55	2.00	0.00	1.00	0.00
13.44	10.77	2.00	0.00	1.00	0.00	13.45	10.77	2.00	0.00	1.00	0.00
13.46	10.76	2.00	0.00	1.00	0.00	13.47	10.49	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	10.14	2.00	0.00	1.00	0.00	13.49	10.09	2.00	0.00	1.00	0.00
13.50	10.00	2.00	0.00	1.00	0.00	13.51	9.73	2.00	0.00	1.00	0.00
13.52	9.72	2.00	0.00	1.00	0.00	13.53	9.45	2.00	0.00	1.00	0.00
13.54	9.32	2.00	0.00	1.00	0.00	13.55	9.13	2.00	0.00	1.00	0.00
13.56	8.96	2.00	0.00	1.00	0.00	13.57	8.82	2.00	0.00	1.00	0.00
13.58	8.64	2.00	0.00	1.00	0.00	13.59	8.63	2.00	0.00	1.00	0.00
13.60	8.55	2.00	0.00	1.00	0.00	13.61	8.36	2.00	0.00	1.00	0.00
13.62	8.23	2.00	0.00	1.00	0.00	13.63	8.19	2.00	0.00	1.00	0.00
13.64	8.09	2.00	0.00	1.00	0.00	13.65	7.78	2.00	0.00	1.00	0.00
13.66	7.78	2.00	0.00	1.00	0.00	13.67	7.78	2.00	0.00	1.00	0.00
13.68	7.94	2.00	0.00	1.00	0.00	13.69	7.81	2.00	0.00	1.00	0.00
13.70	7.77	2.00	0.00	1.00	0.00	13.71	7.80	2.00	0.00	1.00	0.00
13.72	7.80	2.00	0.00	1.00	0.00	13.73	7.80	2.00	0.00	1.00	0.00
13.74	7.89	2.00	0.00	1.00	0.00	13.75	8.02	2.00	0.00	1.00	0.00
13.76	8.14	2.00	0.00	1.00	0.00	13.77	8.09	2.00	0.00	1.00	0.00
13.78	8.14	2.00	0.00	1.00	0.00	13.79	8.09	2.00	0.00	1.00	0.00
13.80	8.08	2.00	0.00	1.00	0.00	13.81	8.13	2.00	0.00	1.00	0.00
13.82	8.16	2.00	0.00	1.00	0.00	13.83	8.12	2.00	0.00	1.00	0.00
13.84	8.02	2.00	0.00	1.00	0.00	13.85	8.02	2.00	0.00	1.00	0.00
13.86	8.06	2.00	0.00	1.00	0.00	13.87	8.06	2.00	0.00	1.00	0.00
13.88	8.14	2.00	0.00	1.00	0.00	13.89	8.23	2.00	0.00	1.00	0.00
13.90	8.27	2.00	0.00	1.00	0.00	13.91	8.26	2.00	0.00	1.00	0.00
13.92	8.39	2.00	0.00	1.00	0.00	13.93	8.56	2.00	0.00	1.00	0.00
13.94	8.56	2.00	0.00	1.00	0.00	13.95	8.51	2.00	0.00	1.00	0.00
13.96	8.46	2.00	0.00	1.00	0.00	13.97	8.50	2.00	0.00	1.00	0.00
13.98	8.55	2.00	0.00	1.00	0.00	13.99	8.50	2.00	0.00	1.00	0.00
14.00	8.49	2.00	0.00	1.00	0.00	14.01	9.27	2.00	0.00	1.00	0.00
14.02	9.40	2.00	0.00	1.00	0.00	14.03	9.39	2.00	0.00	1.00	0.00
14.04	9.34	2.00	0.00	1.00	0.00	14.05	9.39	2.00	0.00	1.00	0.00
14.06	9.47	2.00	0.00	1.00	0.00	14.07	9.51	2.00	0.00	1.00	0.00
14.08	9.50	2.00	0.00	1.00	0.00	14.09	9.50	2.00	0.00	1.00	0.00
14.10	9.53	2.00	0.00	1.00	0.00	14.11	9.58	2.00	0.00	1.00	0.00
14.12	9.70	2.00	0.00	1.00	0.00	14.13	9.96	2.00	0.00	1.00	0.00
14.14	10.64	2.00	0.00	1.00	0.00	14.15	10.86	2.00	0.00	1.00	0.00
14.16	11.15	2.00	0.00	1.00	0.00	14.17	11.14	2.00	0.00	1.00	0.00
14.18	11.22	2.00	0.00	1.00	0.00	14.19	11.13	2.00	0.00	1.00	0.00
14.20	11.00	2.00	0.00	1.00	0.00	14.21	10.91	2.00	0.00	1.00	0.00
14.22	10.95	2.00	0.00	1.00	0.00	14.23	10.94	2.00	0.00	1.00	0.00
14.24	10.94	2.00	0.00	1.00	0.00	14.25	10.85	2.00	0.00	1.00	0.00
14.26	10.89	2.00	0.00	1.00	0.00	14.27	10.97	2.00	0.00	1.00	0.00
14.28	10.62	2.00	0.00	1.00	0.00	14.29	10.62	2.00	0.00	1.00	0.00
14.30	10.87	2.00	0.00	1.00	0.00	14.31	10.87	2.00	0.00	1.00	0.00
14.32	10.86	2.00	0.00	1.00	0.00	14.33	10.90	2.00	0.00	1.00	0.00
14.34	10.94	2.00	0.00	1.00	0.00	14.35	11.11	2.00	0.00	1.00	0.00
14.36	11.06	2.00	0.00	1.00	0.00	14.37	11.44	2.00	0.00	1.00	0.00
14.38	11.44	2.00	0.00	1.00	0.00	14.39	11.43	2.00	0.00	1.00	0.00
14.40	11.30	2.00	0.00	1.00	0.00	14.41	11.21	2.00	0.00	1.00	0.00
14.42	11.55	2.00	0.00	1.00	0.00	14.43	11.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	12.13	2.00	0.00	1.00	0.00	14.45	12.13	2.00	0.00	1.00	0.00
14.46	12.59	2.00	0.00	1.00	0.00	14.47	12.89	2.00	0.00	1.00	0.00
14.48	13.09	2.00	0.00	1.00	0.00	14.49	13.64	2.00	0.00	1.00	0.00
14.50	13.81	2.00	0.00	1.00	0.00	14.51	13.72	2.00	0.00	1.00	0.00
14.52	13.71	2.00	0.00	1.00	0.00	14.53	13.71	2.00	0.00	1.00	0.00
14.54	13.57	2.00	0.00	1.00	0.00	14.55	13.44	2.00	0.00	1.00	0.00
14.56	12.97	2.00	0.00	1.00	0.00	14.57	12.84	2.00	0.00	1.00	0.00
14.58	12.74	2.00	0.00	1.00	0.00	14.59	12.73	2.00	0.00	1.00	0.00
14.60	12.65	2.00	0.00	1.00	0.00	14.61	12.60	2.00	0.00	1.00	0.00
14.62	12.68	2.00	0.00	1.00	0.00	14.63	12.46	2.00	0.00	1.00	0.00
14.64	12.33	2.00	0.00	1.00	0.00	14.65	12.24	2.00	0.00	1.00	0.00
14.66	12.23	2.00	0.00	1.00	0.00	14.67	12.15	2.00	0.00	1.00	0.00
14.68	12.27	2.00	0.00	1.00	0.00	14.69	12.52	2.00	0.00	1.00	0.00
14.70	12.55	2.00	0.00	1.00	0.00	14.71	12.63	2.00	0.00	1.00	0.00
14.72	12.63	2.00	0.00	1.00	0.00	14.73	12.58	2.00	0.00	1.00	0.00
14.74	12.57	2.00	0.00	1.00	0.00	14.75	12.65	2.00	0.00	1.00	0.00
14.76	12.56	2.00	0.00	1.00	0.00	14.77	12.39	2.00	0.00	1.00	0.00
14.78	12.17	2.00	0.00	1.00	0.00	14.79	12.17	2.00	0.00	1.00	0.00
14.80	12.21	2.00	0.00	1.00	0.00	14.81	12.41	2.00	0.00	1.00	0.00
14.82	12.66	2.00	0.00	1.00	0.00	14.83	12.95	2.00	0.00	1.00	0.00
14.84	13.41	2.00	0.00	1.00	0.00	14.85	14.79	2.00	0.00	1.00	0.00
14.86	14.78	2.00	0.00	1.00	0.00	14.87	15.29	2.00	0.00	1.00	0.00
14.88	15.49	2.00	0.00	1.00	0.00	14.89	15.61	2.00	0.00	1.00	0.00
14.90	15.48	2.00	0.00	1.00	0.00	14.91	15.18	2.00	0.00	1.00	0.00
14.92	15.18	2.00	0.00	1.00	0.00	14.93	14.83	2.00	0.00	1.00	0.00
14.94	14.58	2.00	0.00	1.00	0.00	14.95	14.32	2.00	0.00	1.00	0.00
14.96	14.09	2.00	0.00	1.00	0.00	14.97	13.63	2.00	0.00	1.00	0.00
14.98	13.54	2.00	0.00	1.00	0.00	14.99	13.46	2.00	0.00	1.00	0.00
15.00	13.45	2.00	0.00	1.00	0.00	15.01	13.70	2.00	0.00	1.00	0.00
15.02	14.02	2.00	0.00	1.00	0.00	15.03	15.02	2.00	0.00	1.00	0.00
15.04	15.01	2.00	0.00	1.00	0.00	15.05	15.51	2.00	0.00	1.00	0.00
15.06	15.88	2.00	0.00	1.00	0.00	15.07	16.43	2.00	0.00	1.00	0.00
15.08	17.29	2.00	0.00	1.00	0.00	15.09	17.33	2.00	0.00	1.00	0.00
15.10	17.41	2.00	0.00	1.00	0.00	15.11	17.40	2.00	0.00	1.00	0.00
15.12	17.64	2.00	0.00	1.00	0.00	15.13	17.93	2.00	0.00	1.00	0.00
15.14	18.21	2.00	0.00	1.00	0.00	15.15	18.46	2.00	0.00	1.00	0.00
15.16	18.41	2.00	0.00	1.00	0.00	15.17	18.11	2.00	0.00	1.00	0.00
15.18	18.10	2.00	0.00	1.00	0.00	15.19	17.97	2.00	0.00	1.00	0.00
15.20	17.71	2.00	0.00	1.00	0.00	15.21	17.37	2.00	0.00	1.00	0.00
15.22	16.69	2.00	0.00	1.00	0.00	15.23	16.53	2.00	0.00	1.00	0.00
15.24	16.10	2.00	0.00	1.00	0.00	15.25	16.09	2.00	0.00	1.00	0.00
15.26	15.88	2.00	0.00	1.00	0.00	15.27	15.67	2.00	0.00	1.00	0.00
15.28	15.29	2.00	0.00	1.00	0.00	15.29	14.57	2.00	0.00	1.00	0.00
15.30	14.15	2.00	0.00	1.00	0.00	15.31	13.61	2.00	0.00	1.00	0.00
15.32	13.60	2.00	0.00	1.00	0.00	15.33	13.27	2.00	0.00	1.00	0.00
15.34	12.93	2.00	0.00	1.00	0.00	15.35	11.69	2.00	0.00	1.00	0.00
15.36	11.19	2.00	0.00	1.00	0.00	15.37	10.40	2.00	0.00	1.00	0.00
15.38	10.40	2.00	0.00	1.00	0.00	15.39	10.60	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

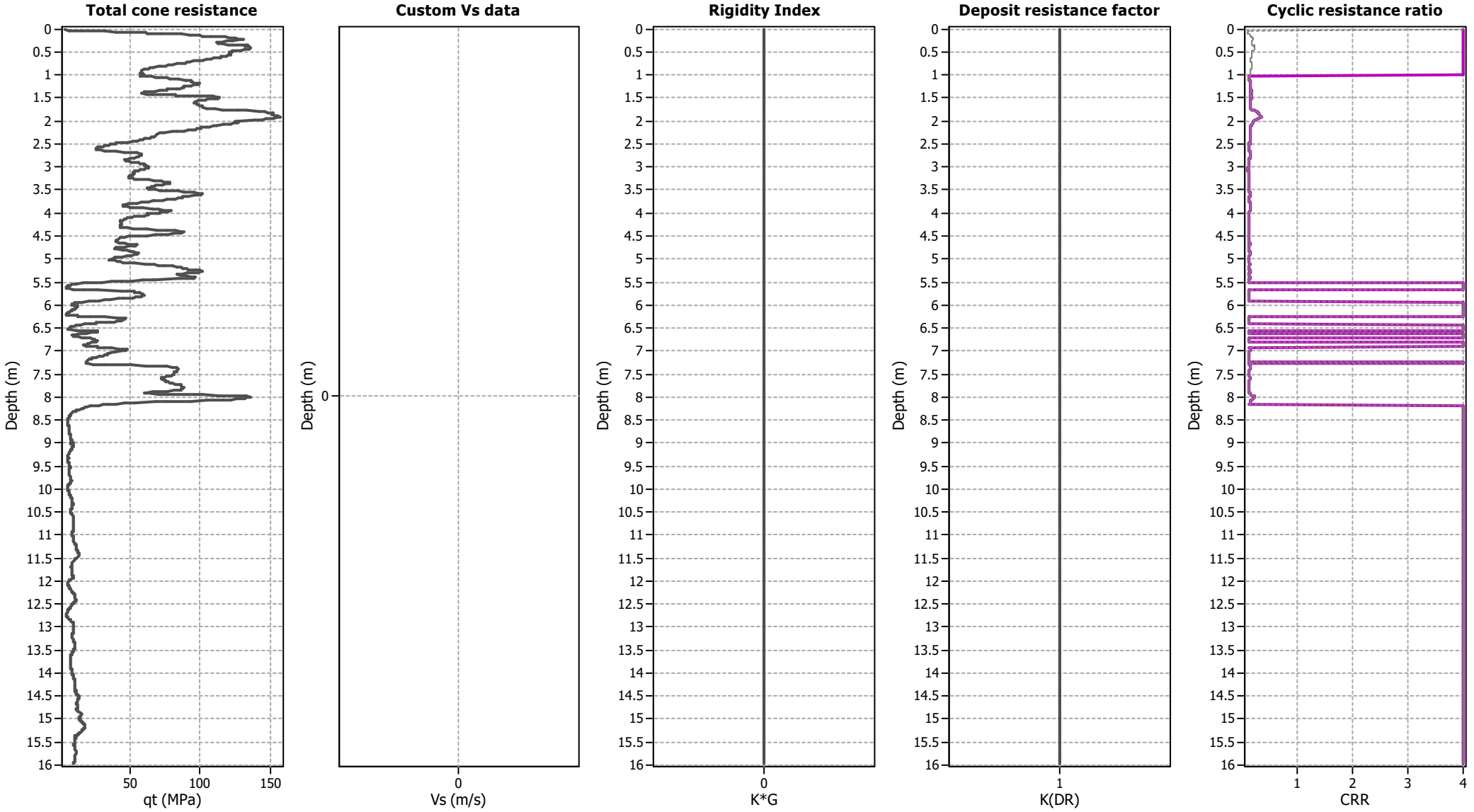
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	11.04	2.00	0.00	1.00	0.00	15.41	11.24	2.00	0.00	1.00	0.00
15.42	11.45	2.00	0.00	1.00	0.00	15.43	11.36	2.00	0.00	1.00	0.00
15.44	11.19	2.00	0.00	1.00	0.00	15.45	11.19	2.00	0.00	1.00	0.00
15.46	11.14	2.00	0.00	1.00	0.00	15.47	10.98	2.00	0.00	1.00	0.00
15.48	10.73	2.00	0.00	1.00	0.00	15.49	10.68	2.00	0.00	1.00	0.00
15.50	10.68	2.00	0.00	1.00	0.00	15.51	10.63	2.00	0.00	1.00	0.00
15.52	10.62	2.00	0.00	1.00	0.00	15.53	10.58	2.00	0.00	1.00	0.00
15.54	10.46	2.00	0.00	1.00	0.00	15.55	10.25	2.00	0.00	1.00	0.00
15.56	10.33	2.00	0.00	1.00	0.00	15.57	10.60	2.00	0.00	1.00	0.00
15.58	10.60	2.00	0.00	1.00	0.00	15.59	10.60	2.00	0.00	1.00	0.00
15.60	10.59	2.00	0.00	1.00	0.00	15.61	10.59	2.00	0.00	1.00	0.00
15.62	10.67	2.00	0.00	1.00	0.00	15.63	10.99	2.00	0.00	1.00	0.00
15.64	10.99	2.00	0.00	1.00	0.00	15.65	11.11	2.00	0.00	1.00	0.00
15.66	11.22	2.00	0.00	1.00	0.00	15.67	11.38	2.00	0.00	1.00	0.00
15.68	11.62	2.00	0.00	1.00	0.00	15.69	11.78	2.00	0.00	1.00	0.00
15.70	11.78	2.00	0.00	1.00	0.00	15.71	11.73	2.00	0.00	1.00	0.00
15.72	11.77	2.00	0.00	1.00	0.00	15.73	11.89	2.00	0.00	1.00	0.00
15.74	11.64	2.00	0.00	1.00	0.00	15.75	11.51	2.00	0.00	1.00	0.00
15.76	11.43	2.00	0.00	1.00	0.00	15.77	11.42	2.00	0.00	1.00	0.00
15.78	11.25	2.00	0.00	1.00	0.00	15.79	11.17	2.00	0.00	1.00	0.00
15.80	11.20	2.00	0.00	1.00	0.00	15.81	11.28	2.00	0.00	1.00	0.00
15.82	11.19	2.00	0.00	1.00	0.00	15.83	11.19	2.00	0.00	1.00	0.00
15.84	11.11	2.00	0.00	1.00	0.00	15.85	10.98	2.00	0.00	1.00	0.00
15.86	10.90	2.00	0.00	1.00	0.00	15.87	10.73	2.00	0.00	1.00	0.00
15.88	10.52	2.00	0.00	1.00	0.00	15.89	10.69	2.00	0.00	1.00	0.00
15.90	10.68	2.00	0.00	1.00	0.00	15.91	10.71	2.00	0.00	1.00	0.00
15.92	10.63	2.00	0.00	1.00	0.00	15.93	10.46	2.00	0.00	1.00	0.00
15.94	10.14	2.00	0.00	1.00	0.00	15.95	10.10	2.00	0.00	1.00	0.00
15.96	10.25	2.00	0.00	1.00	0.00	15.97	10.25	2.00	0.00	1.00	0.00

Total estimated settlement: 21.55

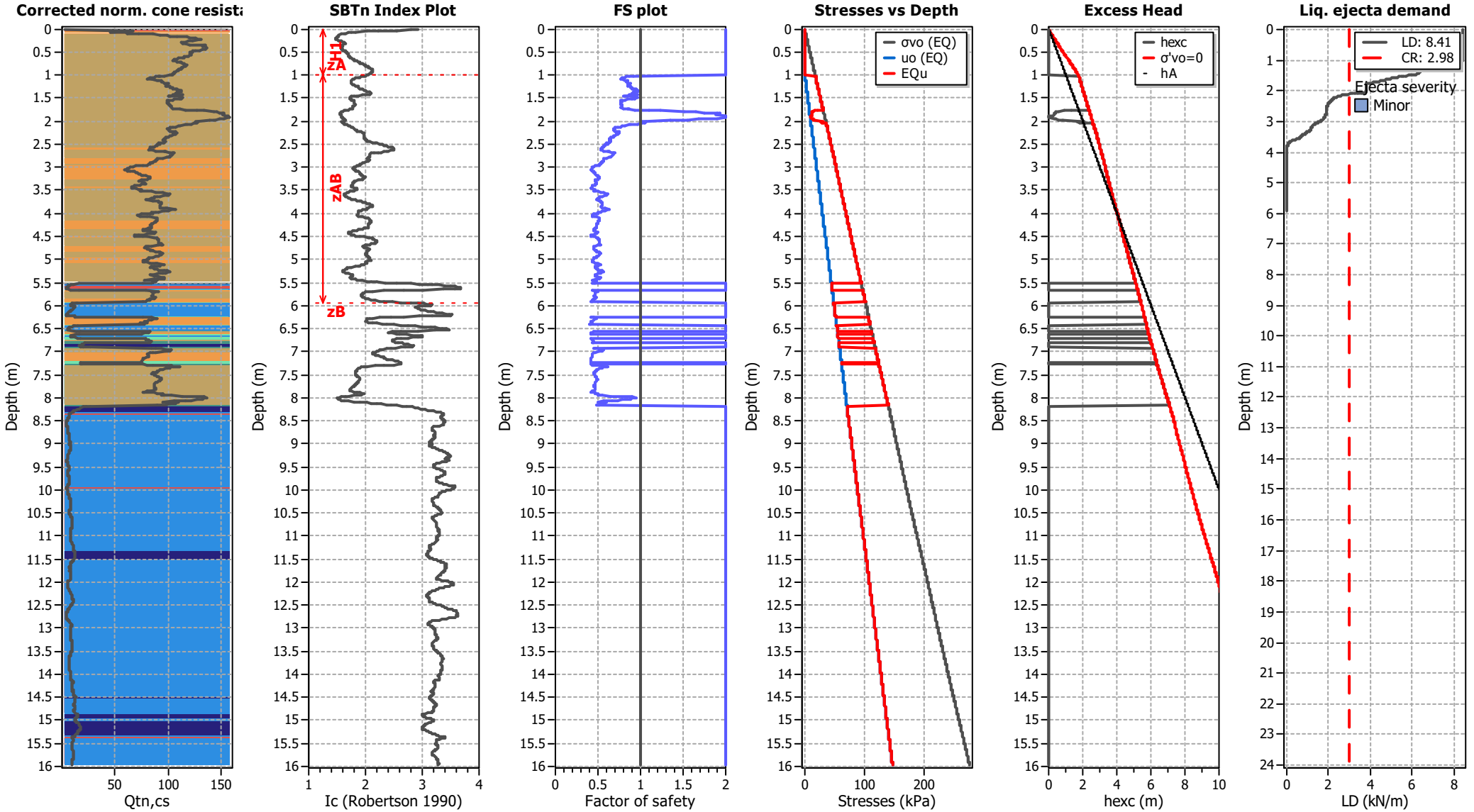
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



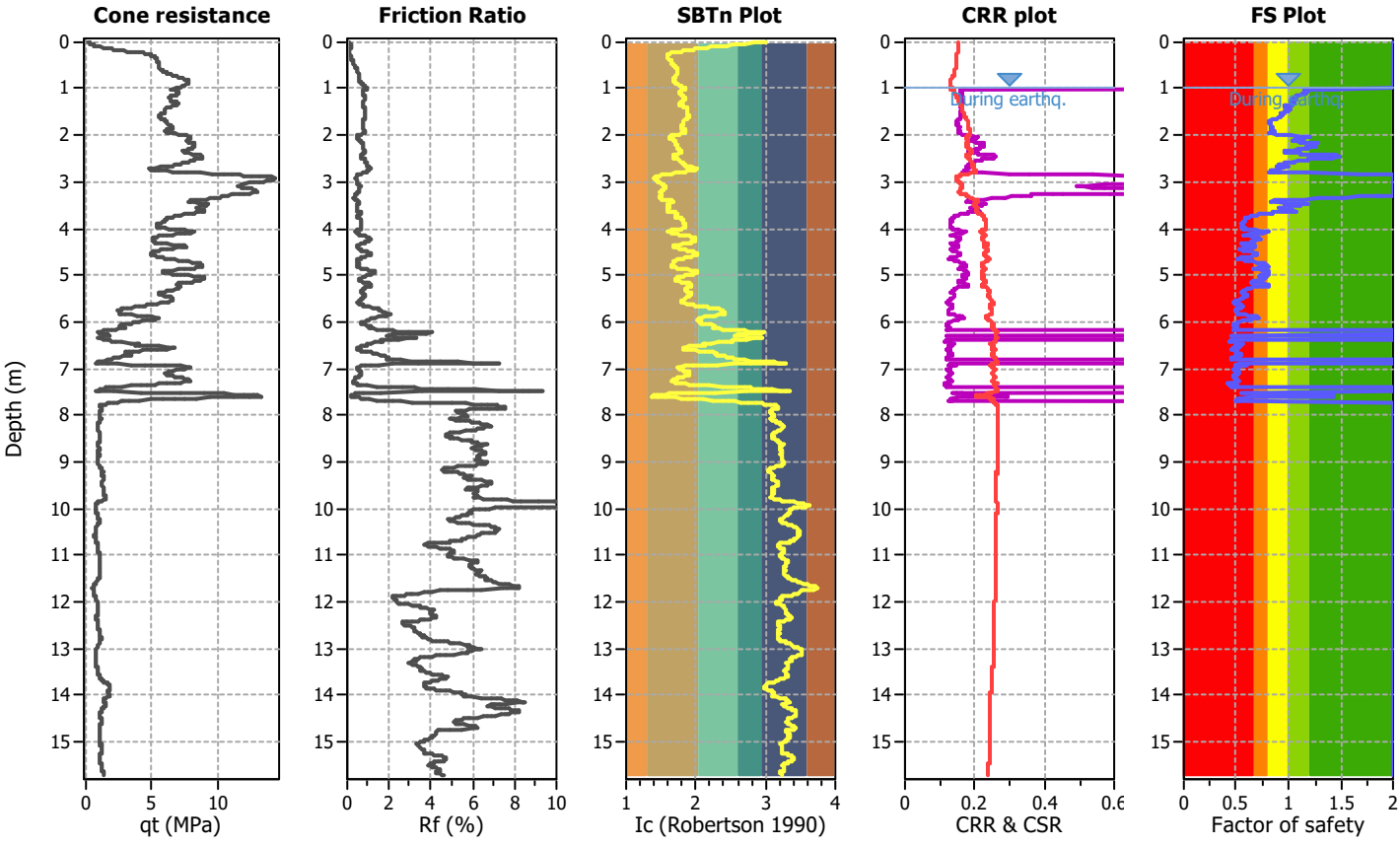
LIQUEFACTION ANALYSIS REPORT

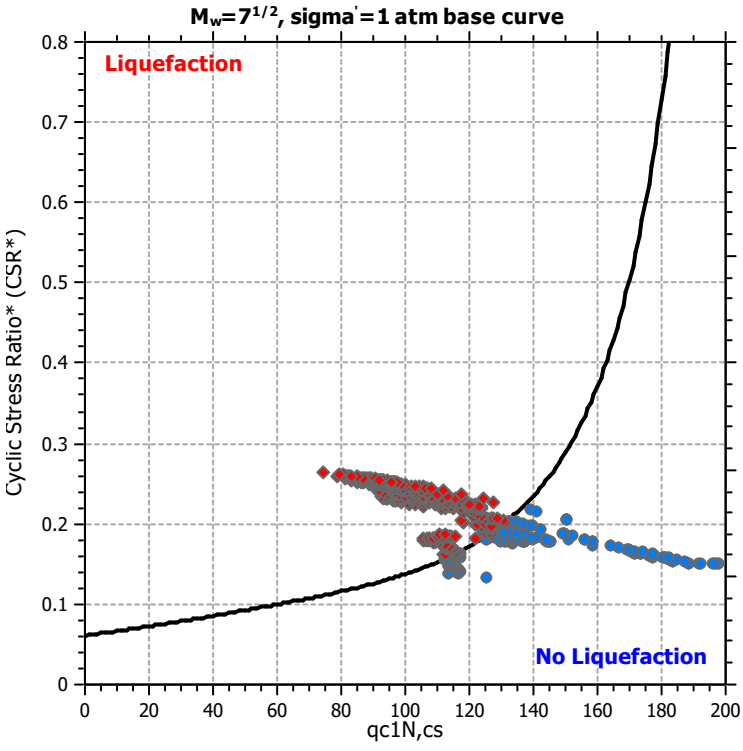
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

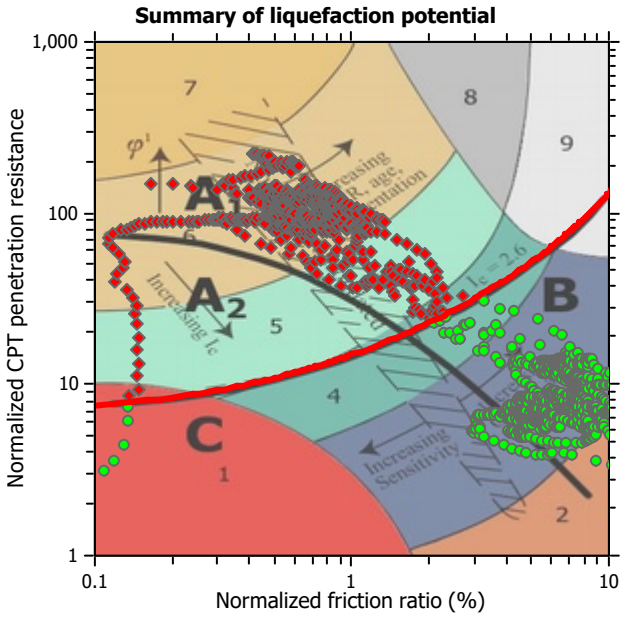
CPT file : 040008P988CPTU989

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

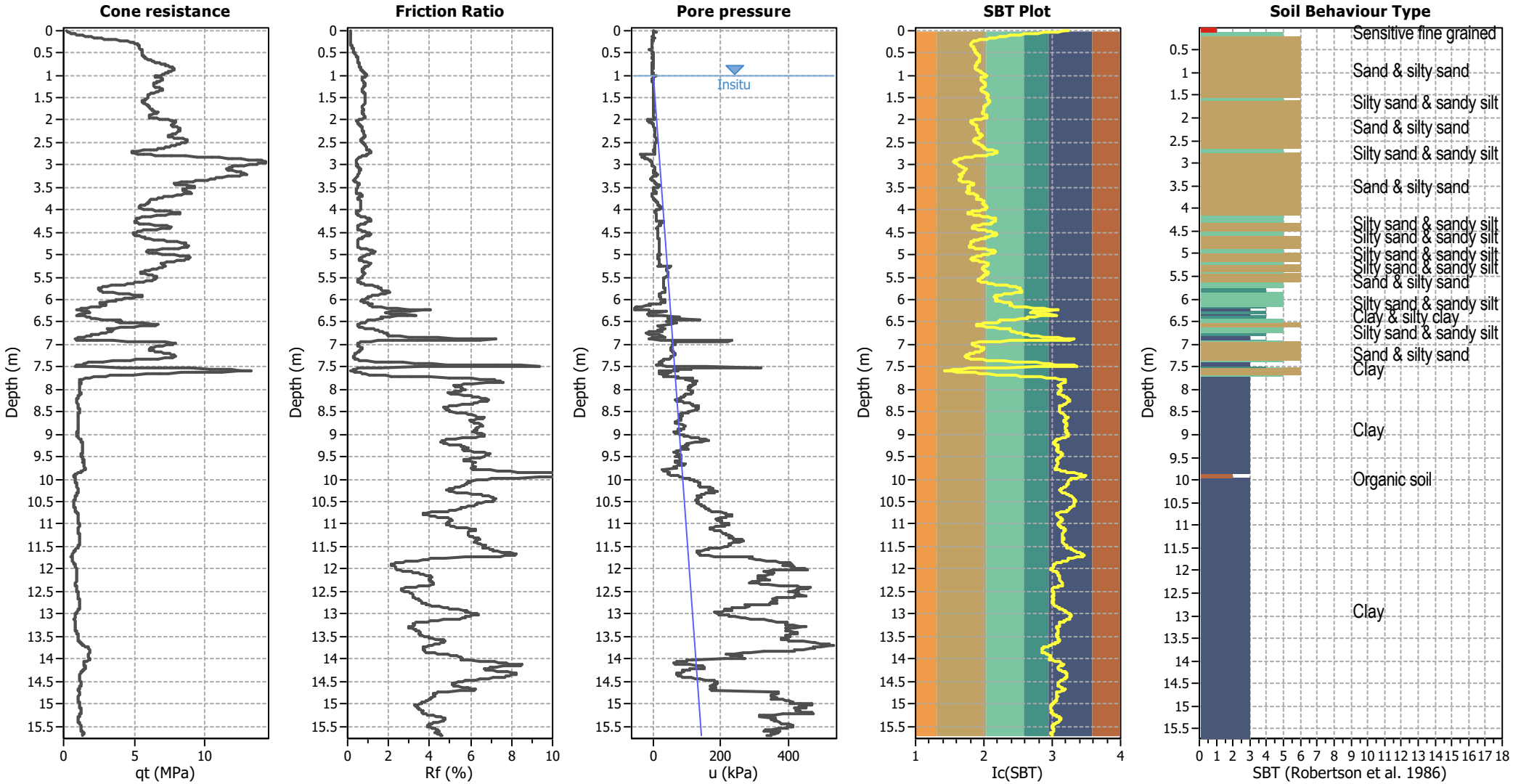






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



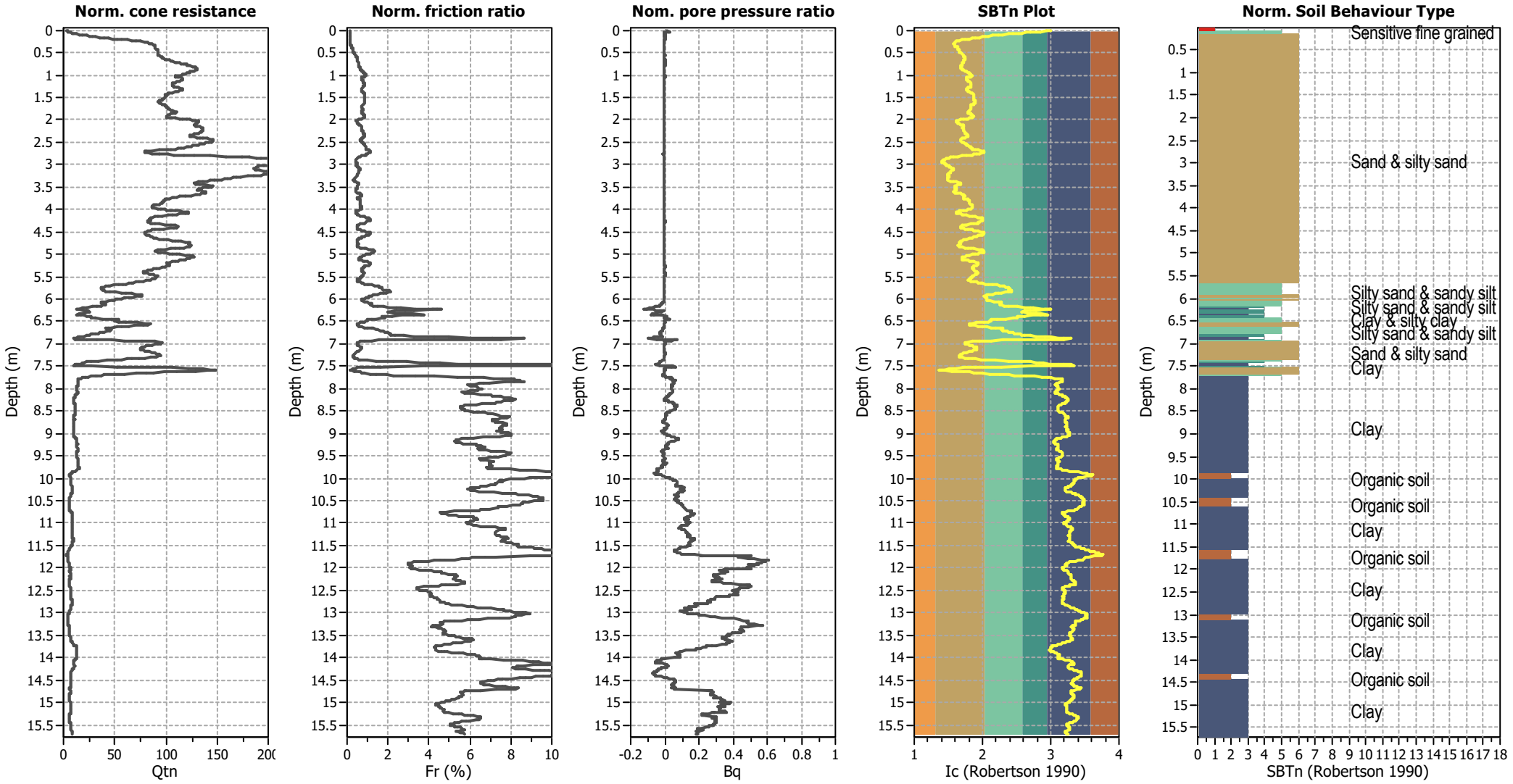
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



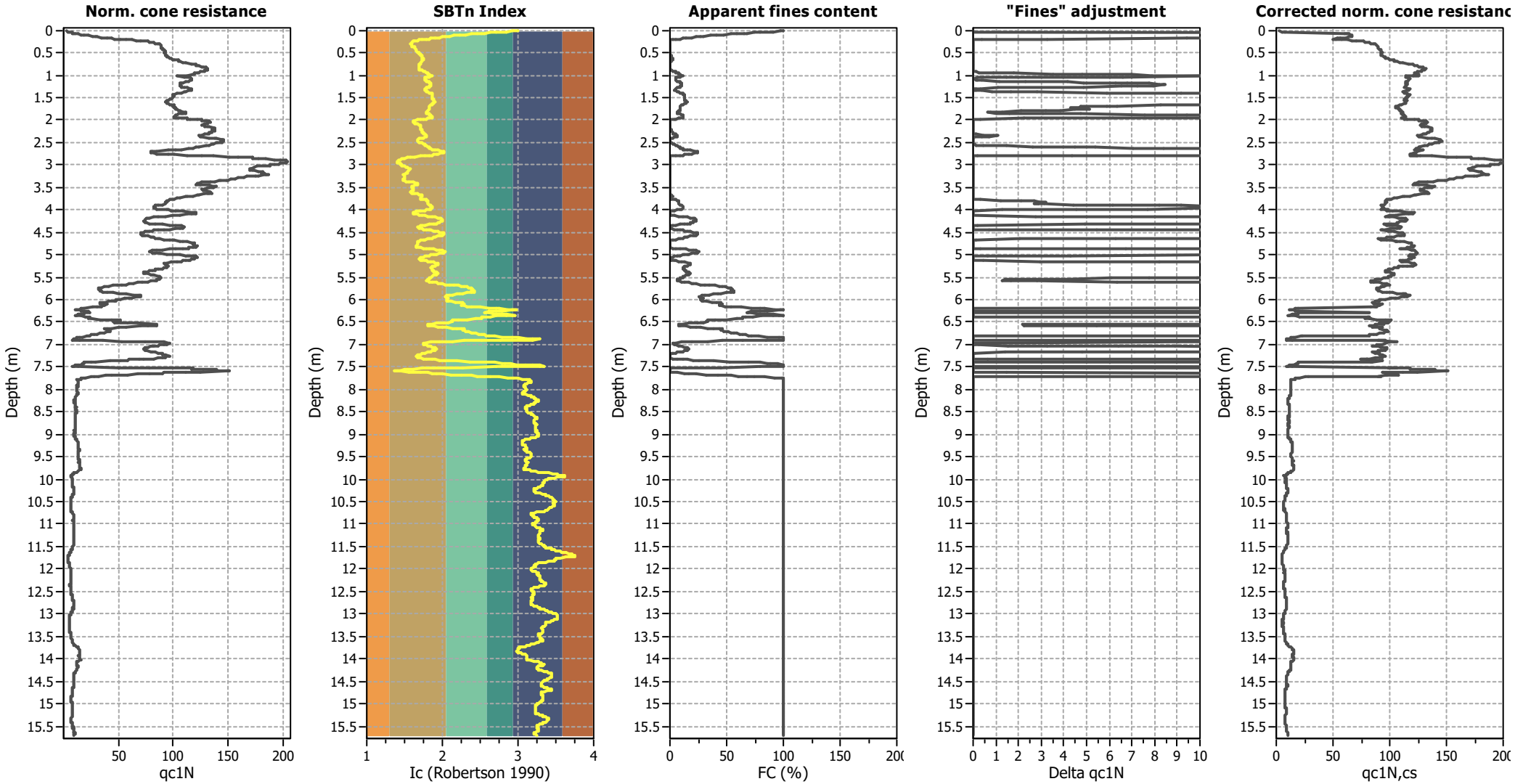
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

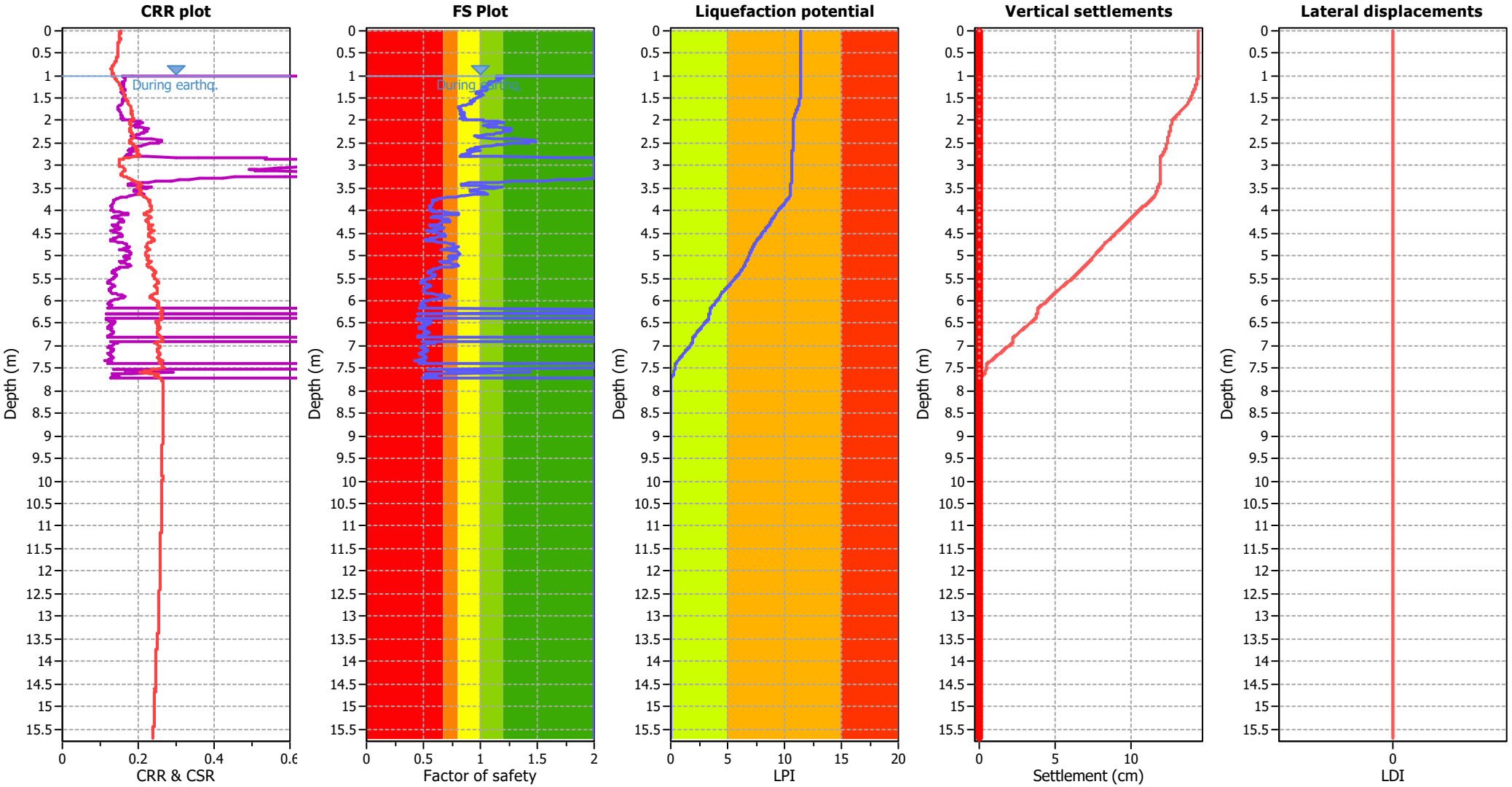
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

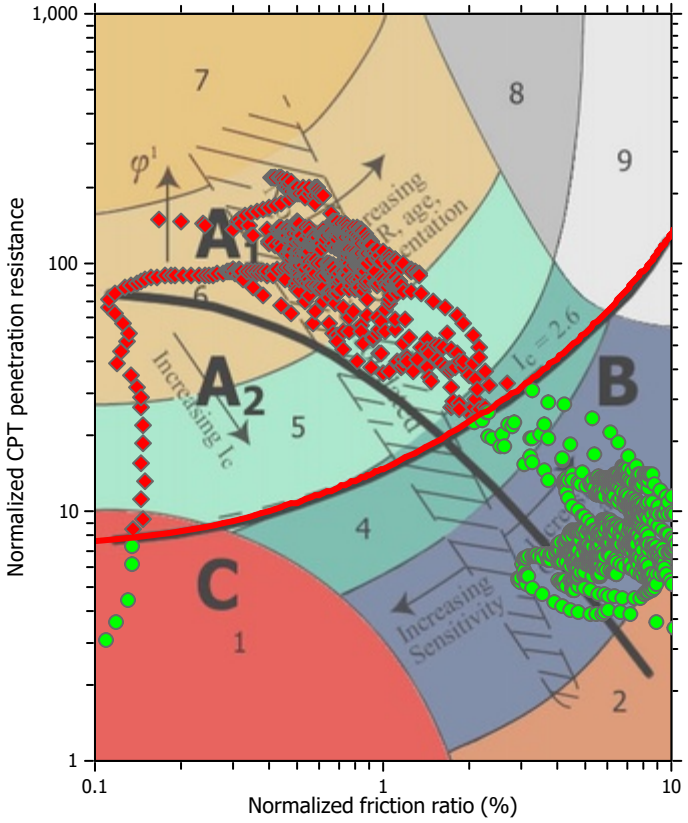
F.S. color scheme

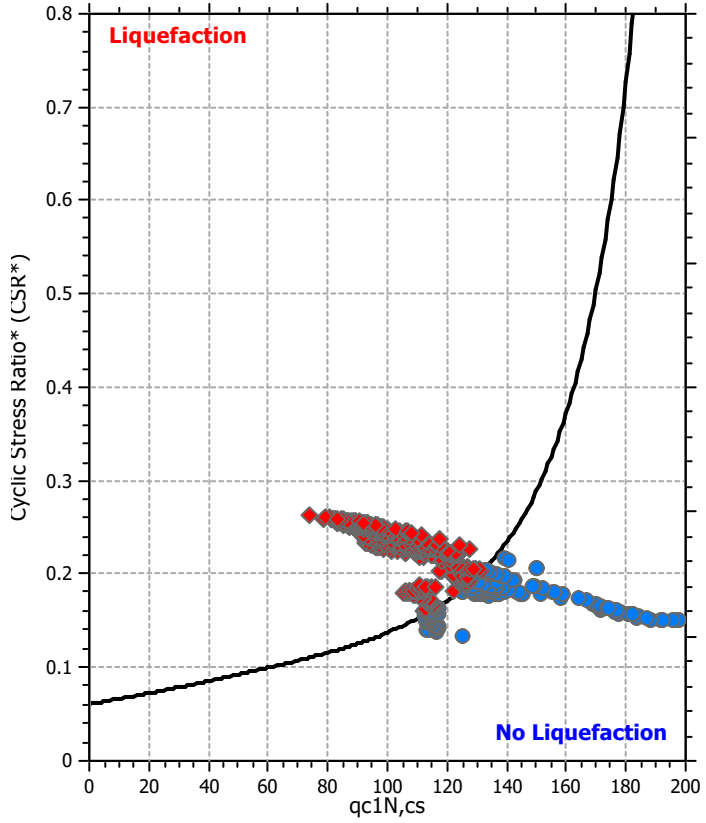
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

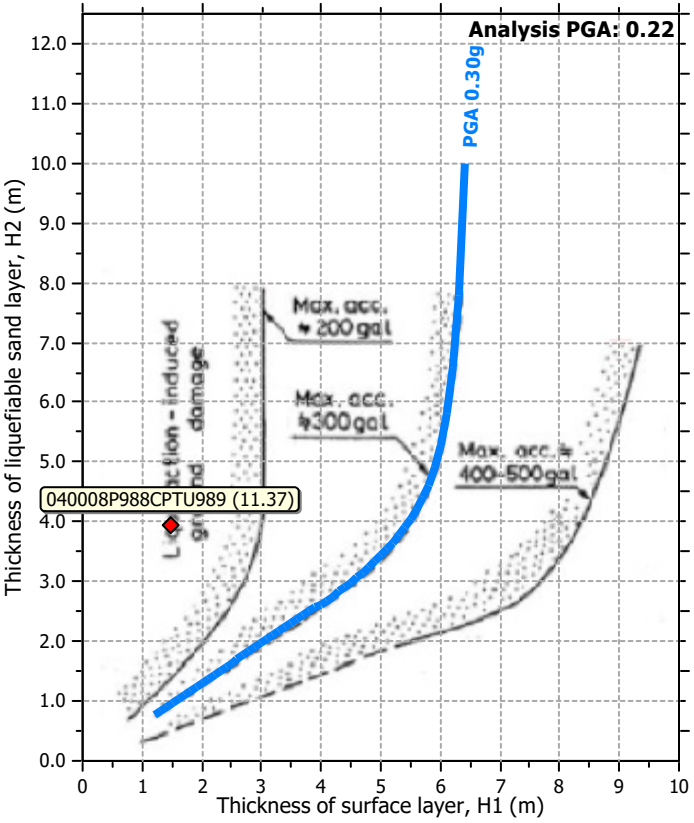
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



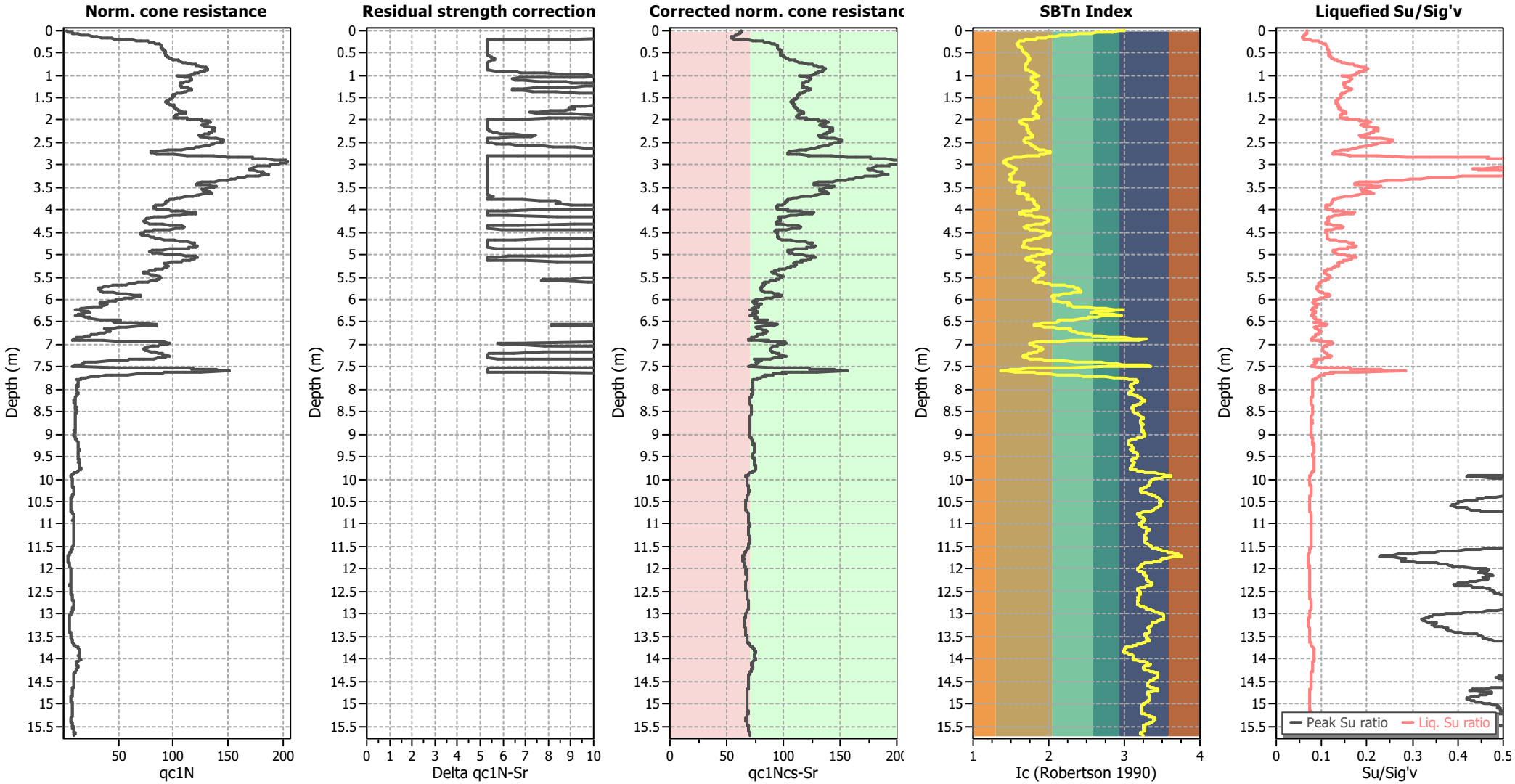




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.40	0.00	0.00	0.01	0.00	1.02	1.15	0.00	0.00	0.01	0.00
1.03	1.20	0.00	0.00	0.01	0.00	1.04	1.17	0.00	0.00	0.01	0.00
1.05	1.14	0.00	0.00	0.01	0.00	1.06	1.17	0.00	0.00	0.01	0.00
1.07	1.18	0.00	0.00	0.01	0.00	1.08	1.17	0.00	0.00	0.01	0.00
1.09	1.17	0.00	0.00	0.01	0.00	1.10	1.16	0.00	0.00	0.01	0.00
1.11	1.15	0.00	0.00	0.01	0.00	1.12	1.14	0.00	0.00	0.01	0.00
1.13	1.12	0.00	0.00	0.01	0.00	1.14	1.08	0.00	0.00	0.01	0.00
1.15	1.10	0.00	0.00	0.01	0.00	1.16	1.07	0.00	0.00	0.01	0.00
1.17	1.09	0.00	0.00	0.01	0.00	1.18	1.06	0.00	0.00	0.01	0.00
1.19	1.08	0.00	0.00	0.01	0.00	1.20	1.07	0.00	0.00	0.01	0.00
1.21	1.06	0.00	0.00	0.01	0.00	1.22	1.07	0.00	0.00	0.01	0.00
1.23	1.05	0.00	0.00	0.01	0.00	1.24	1.04	0.00	0.00	0.01	0.00
1.25	1.05	0.00	0.00	0.01	0.00	1.26	1.01	0.00	0.00	0.01	0.00
1.27	1.02	0.00	0.00	0.01	0.00	1.28	1.02	0.00	0.00	0.01	0.00
1.29	1.05	0.00	0.00	0.01	0.00	1.30	1.04	0.00	0.00	0.01	0.00
1.31	1.03	0.00	0.00	0.01	0.00	1.32	1.06	0.00	0.00	0.01	0.00
1.33	1.05	0.00	0.00	0.01	0.00	1.34	1.03	0.00	0.00	0.01	0.00
1.35	1.02	0.00	0.00	0.01	0.00	1.36	0.97	0.00	0.00	0.01	0.00
1.37	0.98	0.00	0.00	0.01	0.00	1.38	0.97	0.00	0.00	0.01	0.00
1.39	0.97	0.00	0.00	0.01	0.00	1.40	0.96	0.00	0.00	0.01	0.00
1.41	1.01	0.00	0.00	0.01	0.00	1.42	0.99	0.00	0.00	0.01	0.00
1.43	1.02	0.00	0.00	0.01	0.00	1.44	1.00	0.00	0.00	0.01	0.00
1.45	1.02	0.00	0.00	0.01	0.00	1.46	1.00	0.00	0.00	0.01	0.00
1.47	0.99	0.00	0.00	0.01	0.00	1.48	0.98	0.00	0.00	0.01	0.00
1.49	0.97	0.00	0.00	0.01	0.00	1.50	0.96	0.00	0.00	0.01	0.00
1.51	0.97	0.00	0.00	0.01	0.00	1.52	0.95	0.00	0.00	0.01	0.00
1.53	0.93	0.00	0.00	0.01	0.01	1.54	0.95	0.00	0.00	0.01	0.01
1.55	0.92	0.00	0.00	0.01	0.01	1.56	0.94	0.00	0.00	0.01	0.01
1.57	0.92	0.00	0.00	0.01	0.01	1.58	0.94	0.00	0.00	0.01	0.01
1.59	0.93	0.00	0.00	0.01	0.01	1.60	0.93	0.00	0.00	0.01	0.01
1.61	0.92	0.00	0.00	0.01	0.01	1.62	0.92	0.00	0.00	0.01	0.01
1.63	0.90	0.00	0.00	0.01	0.01	1.64	0.89	0.00	0.00	0.01	0.01
1.65	0.87	0.00	0.00	0.01	0.01	1.66	0.85	0.15	2.73	0.01	0.01
1.67	0.85	0.15	2.56	0.01	0.01	1.68	0.82	0.18	1.90	0.01	0.02
1.69	0.82	0.18	1.97	0.01	0.02	1.70	0.81	0.19	1.74	0.01	0.02
1.71	0.82	0.18	2.00	0.01	0.02	1.72	0.80	0.20	1.69	0.01	0.02
1.73	0.82	0.18	1.89	0.01	0.02	1.74	0.82	0.18	1.89	0.01	0.02
1.75	0.81	0.19	1.86	0.01	0.02	1.76	0.83	0.17	2.19	0.01	0.02
1.77	0.82	0.18	2.04	0.01	0.02	1.78	0.82	0.18	2.00	0.01	0.02
1.79	0.83	0.17	2.22	0.01	0.02	1.80	0.82	0.18	2.02	0.01	0.02
1.81	0.84	0.16	2.38	0.01	0.01	1.82	0.85	0.00	0.00	0.01	0.01
1.83	0.85	0.15	2.67	0.01	0.01	1.84	0.85	0.15	2.78	0.01	0.01
1.85	0.83	0.17	2.16	0.01	0.02	1.86	0.84	0.16	2.38	0.01	0.01
1.87	0.83	0.17	2.08	0.01	0.02	1.88	0.84	0.16	2.42	0.01	0.01
1.89	0.84	0.16	2.37	0.01	0.01	1.90	0.86	0.00	0.00	0.01	0.01
1.91	0.86	0.00	0.00	0.01	0.01	1.92	0.86	0.00	0.00	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.86	0.00	0.00	0.01	0.01	1.94	0.85	0.15	2.72	0.01	0.01
1.95	0.82	0.18	1.91	0.01	0.02	1.96	0.87	0.00	0.00	0.01	0.01
1.97	0.84	0.16	2.40	0.01	0.01	1.98	0.88	0.00	0.00	0.01	0.01
1.99	0.97	0.00	0.00	0.01	0.00	2.00	1.03	0.00	0.00	0.01	0.00
2.01	1.02	0.00	0.00	0.01	0.00	2.02	1.11	0.00	0.00	0.01	0.00
2.03	1.15	0.00	0.00	0.01	0.00	2.04	1.20	0.00	0.00	0.01	0.00
2.05	1.17	0.00	0.00	0.01	0.00	2.06	1.13	0.00	0.00	0.01	0.00
2.07	1.13	0.00	0.00	0.01	0.00	2.08	1.14	0.00	0.00	0.01	0.00
2.09	1.07	0.00	0.00	0.01	0.00	2.10	1.03	0.00	0.00	0.01	0.00
2.11	1.06	0.00	0.00	0.01	0.00	2.12	1.07	0.00	0.00	0.01	0.00
2.13	1.07	0.00	0.00	0.01	0.00	2.14	1.07	0.00	0.00	0.01	0.00
2.15	1.12	0.00	0.00	0.01	0.00	2.16	1.15	0.00	0.00	0.01	0.00
2.17	1.26	0.00	0.00	0.01	0.00	2.18	1.27	0.00	0.00	0.01	0.00
2.19	1.25	0.00	0.00	0.01	0.00	2.20	1.24	0.00	0.00	0.01	0.00
2.21	1.27	0.00	0.00	0.01	0.00	2.22	1.21	0.00	0.00	0.01	0.00
2.23	1.26	0.00	0.00	0.01	0.00	2.24	1.26	0.00	0.00	0.01	0.00
2.25	1.20	0.00	0.00	0.01	0.00	2.26	1.17	0.00	0.00	0.01	0.00
2.27	1.17	0.00	0.00	0.01	0.00	2.28	1.18	0.00	0.00	0.01	0.00
2.29	1.14	0.00	0.00	0.01	0.00	2.30	1.12	0.00	0.00	0.01	0.00
2.31	1.09	0.00	0.00	0.01	0.00	2.32	1.05	0.00	0.00	0.01	0.00
2.33	1.00	0.00	0.00	0.01	0.00	2.34	0.95	0.00	0.00	0.01	0.00
2.35	0.96	0.00	0.00	0.01	0.00	2.36	0.97	0.00	0.00	0.01	0.00
2.37	0.99	0.00	0.00	0.01	0.00	2.38	0.99	0.00	0.00	0.01	0.00
2.39	1.12	0.00	0.00	0.01	0.00	2.40	1.12	0.00	0.00	0.01	0.00
2.41	1.23	0.00	0.00	0.01	0.00	2.42	1.30	0.00	0.00	0.01	0.00
2.43	1.45	0.00	0.00	0.01	0.00	2.44	1.47	0.00	0.00	0.01	0.00
2.45	1.46	0.00	0.00	0.01	0.00	2.46	1.46	0.00	0.00	0.01	0.00
2.47	1.48	0.00	0.00	0.01	0.00	2.48	1.40	0.00	0.00	0.01	0.00
2.49	1.42	0.00	0.00	0.01	0.00	2.50	1.32	0.00	0.00	0.01	0.00
2.51	1.26	0.00	0.00	0.01	0.00	2.52	1.20	0.00	0.00	0.01	0.00
2.53	1.19	0.00	0.00	0.01	0.00	2.54	1.14	0.00	0.00	0.01	0.00
2.55	1.15	0.00	0.00	0.01	0.00	2.56	1.09	0.00	0.00	0.01	0.00
2.57	1.05	0.00	0.00	0.01	0.00	2.58	1.05	0.00	0.00	0.01	0.00
2.59	0.95	0.00	0.00	0.01	0.00	2.60	0.99	0.00	0.00	0.01	0.00
2.61	0.97	0.00	0.00	0.01	0.00	2.62	0.94	0.00	0.00	0.01	0.01
2.63	0.91	0.00	0.00	0.01	0.01	2.64	0.95	0.00	0.00	0.01	0.00
2.65	0.88	0.00	0.00	0.01	0.01	2.66	0.97	0.00	0.00	0.01	0.00
2.67	0.94	0.00	0.00	0.01	0.00	2.68	1.00	0.00	0.00	0.01	0.00
2.69	0.92	0.00	0.00	0.01	0.01	2.70	0.93	0.00	0.00	0.01	0.01
2.71	0.92	0.00	0.00	0.01	0.01	2.72	0.91	0.00	0.00	0.01	0.01
2.73	0.88	0.00	0.00	0.01	0.01	2.74	0.89	0.00	0.00	0.01	0.01
2.75	0.83	0.17	2.15	0.01	0.01	2.76	0.89	0.00	0.00	0.01	0.01
2.77	0.83	0.17	2.12	0.01	0.01	2.78	0.92	0.00	0.00	0.01	0.01
2.79	0.82	0.18	1.94	0.01	0.02	2.80	0.95	0.00	0.00	0.01	0.00
2.81	1.18	0.00	0.00	0.01	0.00	2.82	1.68	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	2.00	0.00	0.00	0.01	0.00
2.85	2.00	0.00	0.00	0.01	0.00	2.86	2.00	0.00	0.00	0.01	0.00
2.87	2.00	0.00	0.00	0.01	0.00	2.88	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	2.00	0.00	0.00	0.01	0.00	2.90	2.00	0.00	0.00	0.01	0.00
2.91	2.00	0.00	0.00	0.01	0.00	2.92	2.00	0.00	0.00	0.01	0.00
2.93	2.00	0.00	0.00	0.01	0.00	2.94	2.00	0.00	0.00	0.01	0.00
2.95	2.00	0.00	0.00	0.01	0.00	2.96	2.00	0.00	0.00	0.01	0.00
2.97	2.00	0.00	0.00	0.01	0.00	2.98	2.00	0.00	0.00	0.01	0.00
2.99	2.00	0.00	0.00	0.01	0.00	3.00	2.00	0.00	0.00	0.01	0.00
3.01	2.00	0.00	0.00	0.01	0.00	3.02	2.00	0.00	0.00	0.01	0.00
3.03	2.00	0.00	0.00	0.01	0.00	3.04	2.00	0.00	0.00	0.01	0.00
3.05	2.00	0.00	0.00	0.01	0.00	3.06	2.00	0.00	0.00	0.01	0.00
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	1.85	0.00	0.00	0.01	0.00
3.31	1.86	0.00	0.00	0.01	0.00	3.32	1.68	0.00	0.00	0.01	0.00
3.33	1.55	0.00	0.00	0.01	0.00	3.34	1.52	0.00	0.00	0.01	0.00
3.35	1.29	0.00	0.00	0.01	0.00	3.36	1.28	0.00	0.00	0.01	0.00
3.37	1.15	0.00	0.00	0.01	0.00	3.38	1.06	0.00	0.00	0.01	0.00
3.39	0.90	0.00	0.00	0.01	0.01	3.40	0.86	0.00	0.00	0.01	0.01
3.41	0.84	0.16	2.37	0.01	0.01	3.42	0.84	0.16	2.32	0.01	0.01
3.43	0.83	0.17	2.15	0.01	0.01	3.44	0.89	0.00	0.00	0.01	0.01
3.45	1.02	0.00	0.00	0.01	0.00	3.46	1.09	0.00	0.00	0.01	0.00
3.47	1.19	0.00	0.00	0.01	0.00	3.48	1.19	0.00	0.00	0.01	0.00
3.49	1.12	0.00	0.00	0.01	0.00	3.50	1.11	0.00	0.00	0.01	0.00
3.51	1.02	0.00	0.00	0.01	0.00	3.52	1.00	0.00	0.00	0.01	0.00
3.53	0.96	0.00	0.00	0.01	0.00	3.54	0.95	0.00	0.00	0.01	0.00
3.55	0.91	0.00	0.00	0.01	0.01	3.56	0.91	0.00	0.00	0.01	0.01
3.57	0.93	0.00	0.00	0.01	0.01	3.58	0.96	0.00	0.00	0.01	0.00
3.59	1.03	0.00	0.00	0.01	0.00	3.60	1.03	0.00	0.00	0.01	0.00
3.61	1.02	0.00	0.00	0.01	0.00	3.62	1.07	0.00	0.00	0.01	0.00
3.63	1.03	0.00	0.00	0.01	0.00	3.64	0.98	0.00	0.00	0.01	0.00
3.65	0.94	0.00	0.00	0.01	0.00	3.66	0.86	0.00	0.00	0.01	0.01
3.67	0.86	0.00	0.00	0.01	0.01	3.68	0.84	0.16	2.29	0.01	0.01
3.69	0.78	0.22	1.46	0.01	0.02	3.70	0.72	0.28	0.99	0.01	0.02
3.71	0.70	0.30	0.93	0.01	0.02	3.72	0.66	0.34	0.76	0.01	0.03
3.73	0.65	0.35	0.76	0.01	0.03	3.74	0.63	0.37	0.70	0.01	0.03
3.75	0.62	0.38	0.67	0.01	0.03	3.76	0.61	0.39	0.65	0.01	0.03
3.77	0.60	0.40	0.62	0.01	0.03	3.78	0.58	0.42	0.60	0.01	0.03
3.79	0.58	0.42	0.59	0.01	0.03	3.80	0.58	0.42	0.60	0.01	0.03
3.81	0.59	0.41	0.61	0.01	0.03	3.82	0.58	0.42	0.59	0.01	0.03
3.83	0.58	0.42	0.60	0.01	0.03	3.84	0.58	0.42	0.59	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.57	0.43	0.58	0.01	0.03	3.86	0.57	0.43	0.58	0.01	0.03
3.87	0.57	0.43	0.58	0.01	0.03	3.88	0.56	0.44	0.56	0.01	0.04
3.89	0.55	0.45	0.55	0.01	0.04	3.90	0.56	0.44	0.56	0.01	0.04
3.91	0.55	0.45	0.55	0.01	0.04	3.92	0.56	0.44	0.56	0.01	0.04
3.93	0.56	0.44	0.56	0.01	0.04	3.94	0.56	0.44	0.56	0.01	0.04
3.95	0.56	0.44	0.56	0.01	0.04	3.96	0.56	0.44	0.55	0.01	0.04
3.97	0.56	0.44	0.55	0.01	0.04	3.98	0.55	0.45	0.54	0.01	0.04
3.99	0.59	0.41	0.61	0.01	0.03	4.00	0.57	0.43	0.58	0.01	0.03
4.01	0.58	0.42	0.59	0.01	0.03	4.02	0.61	0.39	0.66	0.01	0.03
4.03	0.68	0.32	0.83	0.01	0.03	4.04	0.67	0.33	0.82	0.01	0.03
4.05	0.74	0.26	1.09	0.01	0.02	4.06	0.78	0.22	1.48	0.01	0.02
4.07	0.81	0.19	1.80	0.01	0.02	4.08	0.80	0.20	1.72	0.01	0.02
4.09	0.76	0.24	1.24	0.01	0.02	4.10	0.70	0.30	0.94	0.01	0.02
4.11	0.64	0.36	0.72	0.01	0.03	4.12	0.64	0.36	0.72	0.01	0.03
4.13	0.59	0.41	0.61	0.01	0.03	4.14	0.57	0.43	0.57	0.01	0.03
4.15	0.59	0.41	0.60	0.01	0.03	4.16	0.62	0.38	0.68	0.01	0.03
4.17	0.66	0.34	0.77	0.01	0.03	4.18	0.68	0.32	0.86	0.01	0.02
4.19	0.70	0.30	0.90	0.01	0.02	4.20	0.71	0.29	0.98	0.01	0.02
4.21	0.72	0.28	0.99	0.01	0.02	4.22	0.73	0.27	1.04	0.01	0.02
4.23	0.73	0.27	1.06	0.01	0.02	4.24	0.72	0.28	1.03	0.01	0.02
4.25	0.70	0.30	0.93	0.01	0.02	4.26	0.67	0.33	0.81	0.01	0.03
4.27	0.65	0.35	0.75	0.01	0.03	4.28	0.65	0.35	0.74	0.01	0.03
4.29	0.64	0.36	0.72	0.01	0.03	4.30	0.64	0.36	0.72	0.01	0.03
4.31	0.60	0.40	0.64	0.01	0.03	4.32	0.58	0.42	0.60	0.01	0.03
4.33	0.55	0.45	0.55	0.01	0.03	4.34	0.57	0.43	0.57	0.01	0.03
4.35	0.61	0.39	0.65	0.01	0.03	4.36	0.64	0.36	0.73	0.01	0.03
4.37	0.67	0.33	0.81	0.01	0.03	4.38	0.68	0.32	0.84	0.01	0.03
4.39	0.68	0.32	0.83	0.01	0.03	4.40	0.66	0.34	0.79	0.01	0.03
4.41	0.63	0.37	0.71	0.01	0.03	4.42	0.60	0.40	0.63	0.01	0.03
4.43	0.56	0.44	0.56	0.01	0.03	4.44	0.53	0.47	0.52	0.01	0.04
4.45	0.53	0.47	0.52	0.01	0.04	4.46	0.54	0.46	0.53	0.01	0.04
4.47	0.57	0.43	0.58	0.01	0.03	4.48	0.58	0.42	0.60	0.01	0.03
4.49	0.62	0.38	0.67	0.01	0.03	4.50	0.65	0.35	0.74	0.01	0.03
4.51	0.67	0.33	0.81	0.01	0.03	4.52	0.69	0.31	0.86	0.01	0.02
4.53	0.70	0.30	0.90	0.01	0.02	4.54	0.70	0.30	0.90	0.01	0.02
4.55	0.69	0.31	0.89	0.01	0.02	4.56	0.69	0.31	0.87	0.01	0.02
4.57	0.67	0.33	0.81	0.01	0.03	4.58	0.66	0.34	0.77	0.01	0.03
4.59	0.63	0.37	0.70	0.01	0.03	4.60	0.61	0.39	0.65	0.01	0.03
4.61	0.60	0.40	0.62	0.01	0.03	4.62	0.57	0.43	0.57	0.01	0.03
4.63	0.56	0.44	0.55	0.01	0.03	4.64	0.53	0.47	0.52	0.01	0.04
4.65	0.52	0.48	0.50	0.01	0.04	4.66	0.53	0.47	0.51	0.01	0.04
4.67	0.56	0.44	0.56	0.01	0.03	4.68	0.59	0.41	0.61	0.01	0.03
4.69	0.62	0.38	0.68	0.01	0.03	4.70	0.62	0.38	0.68	0.01	0.03
4.71	0.66	0.34	0.77	0.01	0.03	4.72	0.70	0.30	0.90	0.01	0.02
4.73	0.73	0.27	1.06	0.01	0.02	4.74	0.76	0.24	1.27	0.01	0.02
4.75	0.77	0.23	1.35	0.01	0.02	4.76	0.76	0.24	1.26	0.01	0.02
4.77	0.76	0.24	1.25	0.01	0.02	4.78	0.76	0.24	1.22	0.01	0.02
4.79	0.77	0.23	1.33	0.01	0.02	4.80	0.79	0.21	1.58	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.80	0.20	1.70	0.01	0.01	4.82	0.79	0.21	1.49	0.01	0.02
4.83	0.75	0.25	1.20	0.01	0.02	4.84	0.71	0.29	0.95	0.01	0.02
4.85	0.71	0.29	0.95	0.01	0.02	4.86	0.66	0.34	0.76	0.01	0.03
4.87	0.65	0.35	0.76	0.01	0.03	4.88	0.71	0.29	0.97	0.01	0.02
4.89	0.75	0.25	1.22	0.01	0.02	4.90	0.78	0.22	1.41	0.01	0.02
4.91	0.79	0.21	1.58	0.01	0.02	4.92	0.80	0.20	1.70	0.01	0.01
4.93	0.81	0.19	1.86	0.01	0.01	4.94	0.81	0.19	1.81	0.01	0.01
4.95	0.82	0.18	1.96	0.01	0.01	4.96	0.82	0.18	1.96	0.01	0.01
4.97	0.81	0.19	1.83	0.01	0.01	4.98	0.80	0.20	1.70	0.01	0.01
4.99	0.80	0.20	1.71	0.01	0.01	5.00	0.73	0.27	1.09	0.01	0.02
5.01	0.74	0.26	1.10	0.01	0.02	5.02	0.72	0.28	1.01	0.01	0.02
5.03	0.74	0.26	1.12	0.01	0.02	5.04	0.78	0.22	1.41	0.01	0.02
5.05	0.79	0.21	1.56	0.01	0.02	5.06	0.78	0.22	1.40	0.01	0.02
5.07	0.76	0.24	1.26	0.01	0.02	5.08	0.76	0.24	1.25	0.01	0.02
5.09	0.74	0.26	1.14	0.01	0.02	5.10	0.73	0.27	1.06	0.01	0.02
5.11	0.71	0.29	0.97	0.01	0.02	5.12	0.69	0.31	0.88	0.01	0.02
5.13	0.67	0.33	0.80	0.01	0.02	5.14	0.64	0.36	0.73	0.01	0.03
5.15	0.66	0.34	0.78	0.01	0.03	5.16	0.67	0.33	0.81	0.01	0.02
5.17	0.72	0.28	1.03	0.01	0.02	5.18	0.76	0.24	1.24	0.01	0.02
5.19	0.79	0.21	1.50	0.01	0.02	5.20	0.79	0.21	1.53	0.01	0.02
5.21	0.80	0.20	1.70	0.01	0.01	5.22	0.81	0.19	1.83	0.01	0.01
5.23	0.80	0.20	1.70	0.01	0.01	5.24	0.76	0.24	1.27	0.01	0.02
5.25	0.71	0.29	0.95	0.01	0.02	5.26	0.66	0.34	0.78	0.01	0.02
5.27	0.64	0.36	0.71	0.01	0.03	5.28	0.63	0.37	0.71	0.01	0.03
5.29	0.62	0.38	0.68	0.01	0.03	5.30	0.60	0.40	0.62	0.01	0.03
5.31	0.59	0.41	0.61	0.01	0.03	5.32	0.57	0.43	0.58	0.01	0.03
5.33	0.56	0.44	0.56	0.01	0.03	5.34	0.56	0.44	0.56	0.01	0.03
5.35	0.55	0.45	0.54	0.01	0.03	5.36	0.54	0.46	0.53	0.01	0.03
5.37	0.54	0.46	0.53	0.01	0.03	5.38	0.55	0.45	0.55	0.01	0.03
5.39	0.57	0.43	0.57	0.01	0.03	5.40	0.58	0.42	0.60	0.01	0.03
5.41	0.59	0.41	0.61	0.01	0.03	5.42	0.59	0.41	0.62	0.01	0.03
5.43	0.60	0.40	0.63	0.01	0.03	5.44	0.60	0.40	0.63	0.01	0.03
5.45	0.59	0.41	0.61	0.01	0.03	5.46	0.58	0.42	0.59	0.01	0.03
5.47	0.58	0.42	0.59	0.01	0.03	5.48	0.57	0.43	0.58	0.01	0.03
5.49	0.56	0.44	0.56	0.01	0.03	5.50	0.56	0.44	0.55	0.01	0.03
5.51	0.54	0.46	0.53	0.01	0.03	5.52	0.53	0.47	0.51	0.01	0.03
5.53	0.51	0.49	0.50	0.01	0.04	5.54	0.50	0.50	0.48	0.01	0.04
5.55	0.50	0.50	0.47	0.01	0.04	5.56	0.49	0.51	0.47	0.01	0.04
5.57	0.49	0.51	0.46	0.01	0.04	5.58	0.48	0.52	0.45	0.01	0.04
5.59	0.47	0.53	0.45	0.01	0.04	5.60	0.47	0.53	0.45	0.01	0.04
5.61	0.48	0.52	0.46	0.01	0.04	5.62	0.51	0.49	0.49	0.01	0.04
5.63	0.52	0.48	0.50	0.01	0.03	5.64	0.55	0.45	0.54	0.01	0.03
5.65	0.55	0.45	0.55	0.01	0.03	5.66	0.56	0.44	0.56	0.01	0.03
5.67	0.56	0.44	0.56	0.01	0.03	5.68	0.56	0.44	0.56	0.01	0.03
5.69	0.54	0.46	0.54	0.01	0.03	5.70	0.53	0.47	0.52	0.01	0.03
5.71	0.51	0.49	0.50	0.01	0.03	5.72	0.52	0.48	0.50	0.01	0.03
5.73	0.51	0.49	0.49	0.01	0.04	5.74	0.50	0.50	0.48	0.01	0.04
5.75	0.49	0.51	0.47	0.01	0.04	5.76	0.50	0.50	0.47	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.50	0.50	0.48	0.01	0.04	5.78	0.50	0.50	0.48	0.01	0.04
5.79	0.50	0.50	0.48	0.01	0.04	5.80	0.50	0.50	0.48	0.01	0.04
5.81	0.51	0.49	0.49	0.01	0.03	5.82	0.51	0.49	0.49	0.01	0.03
5.83	0.52	0.48	0.50	0.01	0.03	5.84	0.55	0.45	0.54	0.01	0.03
5.85	0.58	0.42	0.59	0.01	0.03	5.86	0.62	0.38	0.66	0.01	0.03
5.87	0.68	0.32	0.83	0.01	0.02	5.88	0.65	0.35	0.75	0.01	0.02
5.89	0.71	0.29	0.95	0.01	0.02	5.90	0.72	0.28	1.03	0.01	0.02
5.91	0.72	0.28	1.02	0.01	0.02	5.92	0.70	0.30	0.92	0.01	0.02
5.93	0.67	0.33	0.80	0.01	0.02	5.94	0.65	0.35	0.74	0.01	0.02
5.95	0.64	0.36	0.73	0.01	0.03	5.96	0.62	0.38	0.66	0.01	0.03
5.97	0.60	0.40	0.63	0.01	0.03	5.98	0.57	0.43	0.58	0.01	0.03
5.99	0.53	0.47	0.52	0.01	0.03	6.00	0.51	0.49	0.50	0.01	0.03
6.01	0.50	0.50	0.48	0.01	0.03	6.02	0.50	0.50	0.48	0.01	0.03
6.03	0.51	0.49	0.49	0.01	0.03	6.04	0.49	0.51	0.46	0.01	0.04
6.05	0.49	0.51	0.46	0.01	0.04	6.06	0.47	0.53	0.45	0.01	0.04
6.07	0.48	0.52	0.46	0.01	0.04	6.08	0.48	0.52	0.45	0.01	0.04
6.09	0.49	0.51	0.46	0.01	0.04	6.10	0.51	0.49	0.49	0.01	0.03
6.11	0.52	0.48	0.50	0.01	0.03	6.12	0.50	0.50	0.48	0.01	0.03
6.13	0.50	0.50	0.48	0.01	0.03	6.14	0.50	0.50	0.48	0.01	0.03
6.15	0.49	0.51	0.47	0.01	0.04	6.16	0.48	0.52	0.46	0.01	0.04
6.17	0.46	0.54	0.44	0.01	0.04	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	2.00	0.00	0.00	0.01	0.00	6.26	2.00	0.00	0.00	0.01	0.00
6.27	2.00	0.00	0.00	0.01	0.00	6.28	0.45	0.55	0.43	0.01	0.04
6.29	0.45	0.55	0.43	0.01	0.04	6.30	2.00	0.00	0.00	0.01	0.00
6.31	2.00	0.00	0.00	0.01	0.00	6.32	2.00	0.00	0.00	0.01	0.00
6.33	2.00	0.00	0.00	0.01	0.00	6.34	2.00	0.00	0.00	0.01	0.00
6.35	2.00	0.00	0.00	0.01	0.00	6.36	2.00	0.00	0.00	0.01	0.00
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	0.45	0.55	0.43	0.01	0.04	6.40	0.45	0.55	0.43	0.01	0.04
6.41	0.44	0.56	0.42	0.01	0.04	6.42	0.46	0.54	0.44	0.01	0.04
6.43	0.45	0.55	0.43	0.01	0.04	6.44	0.49	0.51	0.47	0.01	0.03
6.45	0.53	0.47	0.52	0.01	0.03	6.46	0.57	0.43	0.57	0.01	0.03
6.47	0.56	0.44	0.56	0.01	0.03	6.48	0.52	0.48	0.51	0.01	0.03
6.49	0.53	0.47	0.51	0.01	0.03	6.50	0.52	0.48	0.50	0.01	0.03
6.51	0.50	0.50	0.48	0.01	0.03	6.52	0.55	0.45	0.54	0.01	0.03
6.53	0.50	0.50	0.48	0.01	0.03	6.54	0.52	0.48	0.51	0.01	0.03
6.55	0.48	0.52	0.46	0.01	0.03	6.56	0.48	0.52	0.46	0.01	0.03
6.57	0.48	0.52	0.45	0.01	0.04	6.58	0.46	0.54	0.43	0.01	0.04
6.59	0.49	0.51	0.46	0.01	0.03	6.60	0.47	0.53	0.44	0.01	0.04
6.61	0.52	0.48	0.50	0.01	0.03	6.62	0.51	0.49	0.49	0.01	0.03
6.63	0.50	0.50	0.48	0.01	0.03	6.64	0.50	0.50	0.48	0.01	0.03
6.65	0.50	0.50	0.48	0.01	0.03	6.66	0.50	0.50	0.48	0.01	0.03
6.67	0.52	0.48	0.50	0.01	0.03	6.68	0.54	0.46	0.53	0.01	0.03
6.69	0.54	0.46	0.53	0.01	0.03	6.70	0.55	0.45	0.54	0.01	0.03
6.71	0.54	0.46	0.53	0.01	0.03	6.72	0.53	0.47	0.52	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.52	0.48	0.51	0.01	0.03	6.74	0.50	0.50	0.47	0.01	0.03
6.75	0.50	0.50	0.48	0.01	0.03	6.76	0.49	0.51	0.47	0.01	0.03
6.77	0.47	0.53	0.45	0.01	0.03	6.78	0.45	0.55	0.43	0.01	0.04
6.79	0.46	0.54	0.43	0.01	0.04	6.80	0.45	0.55	0.43	0.01	0.04
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	0.53	0.47	0.51	0.01	0.03	6.92	0.49	0.51	0.47	0.01	0.03
6.93	0.58	0.42	0.60	0.01	0.03	6.94	0.61	0.39	0.64	0.01	0.03
6.95	0.55	0.45	0.55	0.01	0.03	6.96	0.53	0.47	0.51	0.01	0.03
6.97	0.53	0.47	0.52	0.01	0.03	6.98	0.53	0.47	0.51	0.01	0.03
6.99	0.52	0.48	0.50	0.01	0.03	7.00	0.51	0.49	0.48	0.01	0.03
7.01	0.49	0.51	0.46	0.01	0.03	7.02	0.49	0.51	0.46	0.01	0.03
7.03	0.47	0.53	0.44	0.01	0.03	7.04	0.48	0.52	0.46	0.01	0.03
7.05	0.49	0.51	0.47	0.01	0.03	7.06	0.50	0.50	0.48	0.01	0.03
7.07	0.52	0.48	0.50	0.01	0.03	7.08	0.53	0.47	0.52	0.01	0.03
7.09	0.53	0.47	0.52	0.01	0.03	7.10	0.53	0.47	0.52	0.01	0.03
7.11	0.53	0.47	0.52	0.01	0.03	7.12	0.53	0.47	0.51	0.01	0.03
7.13	0.51	0.49	0.50	0.01	0.03	7.14	0.49	0.51	0.47	0.01	0.03
7.15	0.50	0.50	0.48	0.01	0.03	7.16	0.48	0.52	0.46	0.01	0.03
7.17	0.47	0.53	0.45	0.01	0.03	7.18	0.47	0.53	0.44	0.01	0.03
7.19	0.48	0.52	0.45	0.01	0.03	7.20	0.49	0.51	0.47	0.01	0.03
7.21	0.50	0.50	0.47	0.01	0.03	7.22	0.50	0.50	0.47	0.01	0.03
7.23	0.51	0.49	0.48	0.01	0.03	7.24	0.51	0.49	0.49	0.01	0.03
7.25	0.53	0.47	0.52	0.01	0.03	7.26	0.53	0.47	0.52	0.01	0.03
7.27	0.51	0.49	0.49	0.01	0.03	7.28	0.51	0.49	0.49	0.01	0.03
7.29	0.50	0.50	0.48	0.01	0.03	7.30	0.48	0.52	0.45	0.01	0.03
7.31	0.45	0.55	0.43	0.01	0.03	7.32	0.42	0.58	0.40	0.01	0.04
7.33	0.45	0.55	0.42	0.01	0.04	7.34	0.44	0.56	0.42	0.01	0.04
7.35	0.50	0.50	0.48	0.01	0.03	7.36	0.50	0.50	0.48	0.01	0.03
7.37	0.51	0.49	0.50	0.01	0.03	7.38	0.47	0.53	0.44	0.01	0.03
7.39	0.46	0.54	0.43	0.01	0.03	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	0.60	0.40	0.63	0.01	0.02	7.52	0.54	0.46	0.53	0.01	0.03
7.53	0.70	0.30	0.93	0.01	0.02	7.54	0.70	0.30	0.93	0.01	0.02
7.55	0.84	0.16	2.29	0.01	0.01	7.56	1.07	0.00	0.00	0.01	0.00
7.57	1.12	0.00	0.00	0.01	0.00	7.58	1.43	0.00	0.00	0.01	0.00
7.59	1.43	0.00	0.00	0.01	0.00	7.60	1.42	0.00	0.00	0.01	0.00
7.61	0.79	0.21	1.50	0.01	0.01	7.62	0.64	0.36	0.73	0.01	0.02
7.63	0.51	0.49	0.49	0.01	0.03	7.64	0.59	0.41	0.62	0.01	0.03
7.65	0.57	0.43	0.58	0.01	0.03	7.66	0.60	0.40	0.63	0.01	0.02
7.67	0.61	0.39	0.66	0.01	0.02	7.68	0.53	0.47	0.52	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.52	0.48	0.51	0.01	0.03	7.70	0.49	0.51	0.47	0.01	0.03
7.71	0.50	0.50	0.48	0.01	0.03	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00						

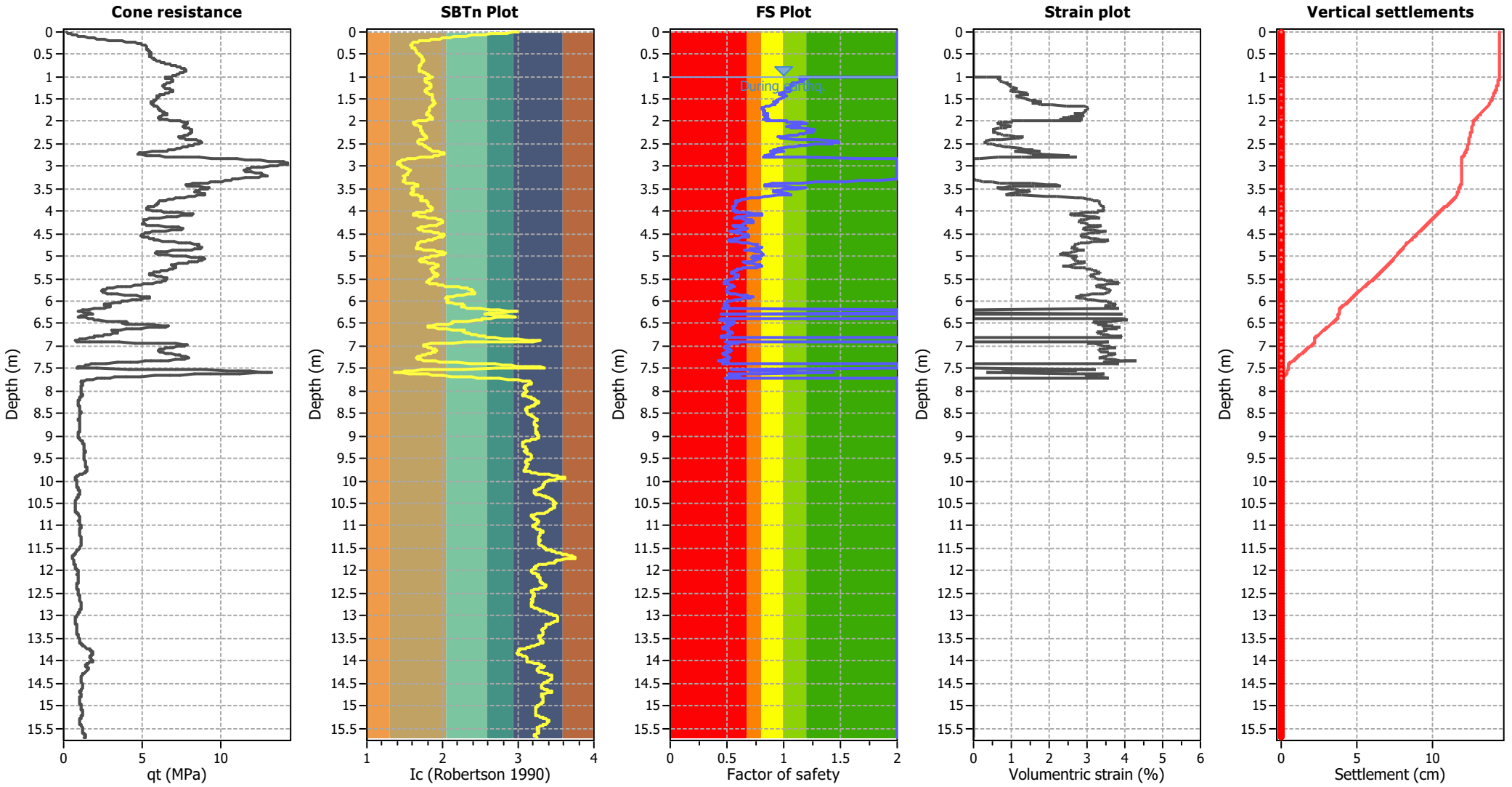
Overall liquefaction potential: 11.37

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	120.75	2.00	0.00	1.00	0.00	1.01	125.48	1.40	0.36	1.00	0.00
1.02	113.56	1.15	0.73	1.00	0.01	1.03	117.05	1.20	0.61	1.00	0.01
1.04	115.38	1.17	0.69	1.00	0.01	1.05	114.37	1.14	0.74	1.00	0.01
1.06	116.30	1.17	0.68	1.00	0.01	1.07	117.51	1.18	0.65	1.00	0.01
1.08	116.79	1.17	0.68	1.00	0.01	1.09	117.11	1.17	0.68	1.00	0.01
1.10	117.14	1.16	0.70	1.00	0.01	1.11	116.90	1.15	0.72	1.00	0.01
1.12	116.39	1.14	0.75	1.00	0.01	1.13	115.69	1.12	0.80	1.00	0.01
1.14	113.76	1.08	0.91	1.00	0.01	1.15	115.39	1.10	0.84	1.00	0.01
1.16	113.69	1.07	0.94	1.00	0.01	1.17	115.13	1.09	0.88	1.00	0.01
1.18	113.52	1.06	0.98	1.00	0.01	1.19	115.01	1.08	0.91	1.00	0.01
1.20	114.87	1.07	0.94	1.00	0.01	1.21	114.36	1.06	0.98	1.00	0.01
1.22	115.15	1.07	0.95	1.00	0.01	1.23	114.67	1.05	0.99	1.00	0.01
1.24	113.91	1.04	1.06	1.00	0.01	1.25	114.60	1.05	1.03	1.00	0.01
1.26	112.80	1.01	1.17	1.00	0.01	1.27	113.14	1.02	1.16	1.00	0.01
1.28	114.04	1.02	1.11	1.00	0.01	1.29	116.04	1.05	1.00	1.00	0.01
1.30	115.86	1.04	1.02	1.00	0.01	1.31	115.32	1.03	1.07	1.00	0.01
1.32	117.41	1.06	0.95	1.00	0.01	1.33	116.78	1.05	1.00	1.00	0.01
1.34	115.89	1.03	1.08	1.00	0.01	1.35	115.15	1.02	1.14	1.00	0.01
1.36	112.06	0.97	1.44	1.00	0.01	1.37	112.93	0.98	1.37	1.00	0.01
1.38	112.84	0.97	1.40	1.00	0.01	1.39	112.91	0.97	1.41	1.00	0.01
1.40	112.49	0.96	1.48	1.00	0.01	1.41	115.91	1.01	1.17	1.00	0.01
1.42	115.32	0.99	1.24	1.00	0.01	1.43	117.22	1.02	1.10	1.00	0.01
1.44	116.05	1.00	1.21	1.00	0.01	1.45	117.41	1.02	1.12	1.00	0.01
1.46	116.28	1.00	1.22	1.00	0.01	1.47	116.31	0.99	1.23	1.00	0.01
1.48	115.74	0.98	1.29	1.00	0.01	1.49	114.93	0.97	1.38	1.00	0.01
1.50	114.57	0.96	1.44	1.00	0.01	1.51	115.23	0.97	1.39	1.00	0.01
1.52	114.47	0.95	1.48	1.00	0.01	1.53	113.25	0.93	1.65	1.00	0.02
1.54	114.30	0.95	1.54	1.00	0.02	1.55	112.72	0.92	1.77	1.00	0.02
1.56	114.02	0.94	1.61	1.00	0.02	1.57	112.73	0.92	1.82	1.00	0.02
1.58	114.85	0.94	1.54	1.00	0.02	1.59	113.95	0.93	1.68	1.00	0.02
1.60	114.11	0.93	1.67	1.00	0.02	1.61	114.07	0.92	1.70	1.00	0.02
1.62	113.80	0.92	1.76	1.00	0.02	1.63	112.28	0.90	2.04	1.00	0.02
1.64	112.19	0.89	2.08	1.00	0.02	1.65	110.73	0.87	2.46	1.00	0.02
1.66	109.10	0.85	2.94	1.00	0.03	1.67	108.80	0.85	2.95	1.00	0.03
1.68	106.31	0.82	3.02	1.00	0.03	1.69	106.88	0.82	3.00	1.00	0.03
1.70	105.70	0.81	3.03	1.00	0.03	1.71	107.35	0.82	2.99	1.00	0.03
1.72	105.71	0.80	3.03	1.00	0.03	1.73	107.14	0.82	2.99	1.00	0.03
1.74	107.29	0.82	2.99	1.00	0.03	1.75	107.31	0.81	2.99	1.00	0.03
1.76	109.05	0.83	2.94	1.00	0.03	1.77	108.56	0.82	2.95	1.00	0.03
1.78	108.49	0.82	2.95	1.00	0.03	1.79	109.65	0.83	2.92	1.00	0.03
1.80	108.94	0.82	2.94	1.00	0.03	1.81	110.49	0.84	2.90	1.00	0.03
1.82	111.96	0.85	2.66	1.00	0.03	1.83	111.66	0.85	2.79	1.00	0.03
1.84	112.06	0.85	2.69	1.00	0.03	1.85	110.28	0.83	2.90	1.00	0.03
1.86	111.21	0.84	2.88	1.00	0.03	1.87	110.24	0.83	2.90	1.00	0.03
1.88	111.64	0.84	2.87	1.00	0.03	1.89	111.61	0.84	2.87	1.00	0.03
1.90	113.08	0.86	2.55	1.00	0.03	1.91	113.29	0.86	2.52	1.00	0.03
1.92	114.00	0.86	2.35	1.00	0.02	1.93	113.77	0.86	2.43	1.00	0.02
1.94	113.25	0.85	2.61	1.00	0.03	1.95	110.47	0.82	2.90	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	114.67	0.87	2.28	1.00	0.02	1.97	112.72	0.84	2.84	1.00	0.03
1.98	115.88	0.88	2.06	1.00	0.02	1.99	121.87	0.97	1.29	1.00	0.01
2.00	125.53	1.03	1.02	1.00	0.01	2.01	125.53	1.02	1.02	1.00	0.01
2.02	129.74	1.11	0.79	1.00	0.01	2.03	132.01	1.15	0.69	1.00	0.01
2.04	133.97	1.20	0.61	1.00	0.01	2.05	132.86	1.17	0.66	1.00	0.01
2.06	131.15	1.13	0.74	1.00	0.01	2.07	131.15	1.13	0.74	1.00	0.01
2.08	131.86	1.14	0.71	1.00	0.01	2.09	128.65	1.07	0.87	1.00	0.01
2.10	126.62	1.03	1.00	1.00	0.01	2.11	128.27	1.06	0.90	1.00	0.01
2.12	128.97	1.07	0.87	1.00	0.01	2.13	128.97	1.07	0.87	1.00	0.01
2.14	128.82	1.07	0.89	1.00	0.01	2.15	131.24	1.12	0.76	1.00	0.01
2.16	132.95	1.15	0.69	1.00	0.01	2.17	137.39	1.26	0.51	1.00	0.01
2.18	137.78	1.27	0.50	1.00	0.00	2.19	136.86	1.25	0.53	1.00	0.01
2.20	136.86	1.24	0.54	1.00	0.01	2.21	137.71	1.27	0.51	1.00	0.01
2.22	135.68	1.21	0.59	1.00	0.01	2.23	137.54	1.26	0.52	1.00	0.01
2.24	137.63	1.26	0.52	1.00	0.01	2.25	135.45	1.20	0.60	1.00	0.01
2.26	134.51	1.17	0.65	1.00	0.01	2.27	134.51	1.17	0.65	1.00	0.01
2.28	134.98	1.18	0.63	1.00	0.01	2.29	133.18	1.14	0.71	1.00	0.01
2.30	132.41	1.12	0.75	1.00	0.01	2.31	131.10	1.09	0.82	1.00	0.01
2.32	129.15	1.05	0.93	1.00	0.01	2.33	126.66	1.00	1.10	1.00	0.01
2.34	124.16	0.95	1.31	1.00	0.01	2.35	124.33	0.96	1.30	1.00	0.01
2.36	125.16	0.97	1.23	1.00	0.01	2.37	126.32	0.99	1.14	1.00	0.01
2.38	126.35	0.99	1.14	1.00	0.01	2.39	133.03	1.12	0.75	1.00	0.01
2.40	133.03	1.12	0.75	1.00	0.01	2.41	137.39	1.23	0.56	1.00	0.01
2.42	139.89	1.30	0.47	1.00	0.00	2.43	144.67	1.45	0.31	1.00	0.00
2.44	145.33	1.47	0.29	1.00	0.00	2.45	145.09	1.46	0.30	1.00	0.00
2.46	144.96	1.46	0.31	1.00	0.00	2.47	145.68	1.48	0.29	1.00	0.00
2.48	143.49	1.40	0.36	1.00	0.00	2.49	144.10	1.42	0.34	1.00	0.00
2.50	141.18	1.32	0.44	1.00	0.00	2.51	139.21	1.26	0.51	1.00	0.01
2.52	136.77	1.20	0.61	1.00	0.01	2.53	136.65	1.19	0.61	1.00	0.01
2.54	134.80	1.14	0.70	1.00	0.01	2.55	135.02	1.15	0.69	1.00	0.01
2.56	132.70	1.09	0.80	1.00	0.01	2.57	130.51	1.05	0.93	1.00	0.01
2.58	130.80	1.05	0.91	1.00	0.01	2.59	125.68	0.95	1.29	1.00	0.01
2.60	127.51	0.99	1.14	1.00	0.01	2.61	126.48	0.97	1.23	1.00	0.01
2.62	124.94	0.94	1.37	1.00	0.01	2.63	123.07	0.91	1.57	1.00	0.02
2.64	125.67	0.95	1.31	1.00	0.01	2.65	121.57	0.88	1.78	1.00	0.02
2.66	126.75	0.97	1.22	1.00	0.01	2.67	125.54	0.94	1.33	1.00	0.01
2.68	128.92	1.00	1.06	1.00	0.01	2.69	123.91	0.92	1.51	1.00	0.02
2.70	124.67	0.93	1.43	1.00	0.01	2.71	124.19	0.92	1.49	1.00	0.01
2.72	123.69	0.91	1.55	1.00	0.02	2.73	121.87	0.88	1.79	1.00	0.02
2.74	122.24	0.89	1.74	1.00	0.02	2.75	118.30	0.83	2.51	1.00	0.03
2.76	122.43	0.89	1.73	1.00	0.02	2.77	118.27	0.83	2.54	1.00	0.03
2.78	124.90	0.92	1.44	1.00	0.01	2.79	117.65	0.82	2.71	1.00	0.03
2.80	126.70	0.95	1.27	1.00	0.01	2.81	137.23	1.18	0.64	1.00	0.01
2.82	151.55	1.68	0.15	1.00	0.00	2.83	158.54	2.00	0.00	1.00	0.00
2.84	171.94	2.00	0.00	1.00	0.00	2.85	171.80	2.00	0.00	1.00	0.00
2.86	177.67	2.00	0.00	1.00	0.00	2.87	183.82	2.00	0.00	1.00	0.00
2.88	191.97	2.00	0.00	1.00	0.00	2.89	196.97	2.00	0.00	1.00	0.00
2.90	202.91	2.00	0.00	1.00	0.00	2.91	202.77	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	203.50	2.00	0.00	1.00	0.00	2.93	204.08	2.00	0.00	1.00	0.00
2.94	202.61	2.00	0.00	1.00	0.00	2.95	202.93	2.00	0.00	1.00	0.00
2.96	197.86	2.00	0.00	1.00	0.00	2.97	197.72	2.00	0.00	1.00	0.00
2.98	196.14	2.00	0.00	1.00	0.00	2.99	192.38	2.00	0.00	1.00	0.00
3.00	188.77	2.00	0.00	1.00	0.00	3.01	188.63	2.00	0.00	1.00	0.00
3.02	176.53	2.00	0.00	1.00	0.00	3.03	176.72	2.00	0.00	1.00	0.00
3.04	173.91	2.00	0.00	1.00	0.00	3.05	173.78	2.00	0.00	1.00	0.00
3.06	173.55	2.00	0.00	1.00	0.00	3.07	171.00	2.00	0.00	1.00	0.00
3.08	169.20	2.00	0.00	1.00	0.00	3.09	169.82	2.00	0.00	1.00	0.00
3.10	170.39	2.00	0.00	1.00	0.00	3.11	170.26	2.00	0.00	1.00	0.00
3.12	171.79	2.00	0.00	1.00	0.00	3.13	173.65	2.00	0.00	1.00	0.00
3.14	178.20	2.00	0.00	1.00	0.00	3.15	181.29	2.00	0.00	1.00	0.00
3.16	181.37	2.00	0.00	1.00	0.00	3.17	181.24	2.00	0.00	1.00	0.00
3.18	180.89	2.00	0.00	1.00	0.00	3.19	182.50	2.00	0.00	1.00	0.00
3.20	184.72	2.00	0.00	1.00	0.00	3.21	187.30	2.00	0.00	1.00	0.00
3.22	182.68	2.00	0.00	1.00	0.00	3.23	182.55	2.00	0.00	1.00	0.00
3.24	177.22	2.00	0.00	1.00	0.00	3.25	174.44	2.00	0.00	1.00	0.00
3.26	166.89	2.00	0.00	1.00	0.00	3.27	164.39	2.00	0.00	1.00	0.00
3.28	159.04	2.00	0.00	1.00	0.00	3.29	158.93	2.00	0.00	1.00	0.00
3.30	155.95	1.85	0.06	1.00	0.00	3.31	156.17	1.86	0.06	1.00	0.00
3.32	152.64	1.68	0.16	1.00	0.00	3.33	149.79	1.55	0.24	1.00	0.00
3.34	149.08	1.52	0.26	1.00	0.00	3.35	142.67	1.29	0.48	1.00	0.00
3.36	142.57	1.28	0.48	1.00	0.00	3.37	137.93	1.15	0.68	1.00	0.01
3.38	133.93	1.06	0.88	1.00	0.01	3.39	125.81	0.90	1.54	1.00	0.02
3.40	123.10	0.86	1.91	1.00	0.02	3.41	121.66	0.84	2.18	1.00	0.02
3.42	121.56	0.84	2.20	1.00	0.02	3.43	121.06	0.83	2.31	1.00	0.02
3.44	125.31	0.89	1.61	1.00	0.02	3.45	132.31	1.02	0.99	1.00	0.01
3.46	135.71	1.09	0.80	1.00	0.01	3.47	139.70	1.19	0.61	1.00	0.01
3.48	139.60	1.19	0.61	1.00	0.01	3.49	137.03	1.12	0.73	1.00	0.01
3.50	136.71	1.11	0.75	1.00	0.01	3.51	132.72	1.02	0.98	1.00	0.01
3.52	131.37	1.00	1.07	1.00	0.01	3.53	129.29	0.96	1.23	1.00	0.01
3.54	129.19	0.95	1.24	1.00	0.01	3.55	126.64	0.91	1.49	1.00	0.01
3.56	127.00	0.91	1.45	1.00	0.01	3.57	127.81	0.93	1.37	1.00	0.01
3.58	129.48	0.96	1.22	1.00	0.01	3.59	133.40	1.03	0.94	1.00	0.01
3.60	133.30	1.03	0.95	1.00	0.01	3.61	132.98	1.02	0.97	1.00	0.01
3.62	135.06	1.07	0.85	1.00	0.01	3.63	133.29	1.03	0.96	1.00	0.01
3.64	130.82	0.98	1.13	1.00	0.01	3.65	128.96	0.94	1.28	1.00	0.01
3.66	123.68	0.86	1.91	1.00	0.02	3.67	123.58	0.86	1.93	1.00	0.02
3.68	122.22	0.84	2.18	1.00	0.02	3.69	118.26	0.78	2.70	1.00	0.03
3.70	112.27	0.72	2.85	1.00	0.03	3.71	111.04	0.70	2.88	1.00	0.03
3.72	105.92	0.66	3.03	1.00	0.03	3.73	105.83	0.65	3.03	1.00	0.03
3.74	103.26	0.63	3.11	1.00	0.03	3.75	101.54	0.62	3.16	1.00	0.03
3.76	100.36	0.61	3.20	1.00	0.03	3.77	98.66	0.60	3.26	1.00	0.03
3.78	96.84	0.58	3.32	1.00	0.03	3.79	96.22	0.58	3.34	1.00	0.03
3.80	96.85	0.58	3.32	1.00	0.03	3.81	97.63	0.59	3.29	1.00	0.03
3.82	96.57	0.58	3.33	1.00	0.03	3.83	96.90	0.58	3.32	1.00	0.03
3.84	96.27	0.58	3.34	1.00	0.03	3.85	95.89	0.57	3.35	1.00	0.03
3.86	95.70	0.57	3.36	1.00	0.03	3.87	95.99	0.57	3.35	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	94.43	0.56	3.41	1.00	0.03	3.89	92.99	0.55	3.46	1.00	0.03
3.90	94.21	0.56	3.41	1.00	0.03	3.91	92.86	0.55	3.46	1.00	0.03
3.92	94.10	0.56	3.42	1.00	0.03	3.93	93.91	0.56	3.42	1.00	0.03
3.94	94.14	0.56	3.42	1.00	0.03	3.95	94.27	0.56	3.41	1.00	0.03
3.96	93.77	0.56	3.43	1.00	0.03	3.97	93.69	0.56	3.43	1.00	0.03
3.98	92.78	0.55	3.47	1.00	0.03	3.99	98.80	0.59	3.25	1.00	0.03
4.00	96.64	0.57	3.33	1.00	0.03	4.01	97.64	0.58	3.29	1.00	0.03
4.02	102.03	0.61	3.15	1.00	0.03	4.03	109.20	0.68	2.93	1.00	0.03
4.04	109.12	0.67	2.94	1.00	0.03	4.05	115.15	0.74	2.77	1.00	0.03
4.06	119.37	0.78	2.67	1.00	0.03	4.07	121.33	0.81	2.54	1.00	0.03
4.08	120.93	0.80	2.63	1.00	0.03	4.09	117.23	0.76	2.72	1.00	0.03
4.10	112.29	0.70	2.85	1.00	0.03	4.11	105.73	0.64	3.03	1.00	0.03
4.12	105.65	0.64	3.04	1.00	0.03	4.13	99.70	0.59	3.22	1.00	0.03
4.14	96.03	0.57	3.35	1.00	0.03	4.15	98.87	0.59	3.25	1.00	0.03
4.16	103.83	0.62	3.09	1.00	0.03	4.17	107.68	0.66	2.98	1.00	0.03
4.18	110.64	0.68	2.89	1.00	0.03	4.19	111.76	0.70	2.86	1.00	0.03
4.20	113.47	0.71	2.82	1.00	0.03	4.21	113.74	0.72	2.81	1.00	0.03
4.22	114.63	0.73	2.79	1.00	0.03	4.23	115.05	0.73	2.78	1.00	0.03
4.24	114.59	0.72	2.79	1.00	0.03	4.25	112.72	0.70	2.84	1.00	0.03
4.26	109.51	0.67	2.93	1.00	0.03	4.27	107.46	0.65	2.98	1.00	0.03
4.28	107.09	0.65	2.99	1.00	0.03	4.29	106.01	0.64	3.03	1.00	0.03
4.30	106.06	0.64	3.02	1.00	0.03	4.31	101.91	0.60	3.15	1.00	0.03
4.32	99.13	0.58	3.24	1.00	0.03	4.33	95.10	0.55	3.38	1.00	0.03
4.34	97.13	0.57	3.31	1.00	0.03	4.35	102.63	0.61	3.13	1.00	0.03
4.36	106.90	0.64	3.00	1.00	0.03	4.37	109.80	0.67	2.92	1.00	0.03
4.38	110.70	0.68	2.89	1.00	0.03	4.39	110.62	0.68	2.89	1.00	0.03
4.40	109.22	0.66	2.93	1.00	0.03	4.41	105.96	0.63	3.03	1.00	0.03
4.42	101.70	0.60	3.16	1.00	0.03	4.43	96.35	0.56	3.34	1.00	0.03
4.44	91.94	0.53	3.50	1.00	0.03	4.45	91.71	0.53	3.51	1.00	0.04
4.46	93.02	0.54	3.46	1.00	0.03	4.47	98.14	0.57	3.27	1.00	0.03
4.48	99.96	0.58	3.21	1.00	0.03	4.49	104.33	0.62	3.08	1.00	0.03
4.50	107.74	0.65	2.98	1.00	0.03	4.51	110.32	0.67	2.90	1.00	0.03
4.52	111.78	0.69	2.86	1.00	0.03	4.53	112.80	0.70	2.84	1.00	0.03
4.54	112.86	0.70	2.83	1.00	0.03	4.55	112.64	0.69	2.84	1.00	0.03
4.56	112.19	0.69	2.85	1.00	0.03	4.57	110.34	0.67	2.90	1.00	0.03
4.58	109.01	0.66	2.94	1.00	0.03	4.59	106.40	0.63	3.01	1.00	0.03
4.60	103.34	0.61	3.11	1.00	0.03	4.61	101.88	0.60	3.15	1.00	0.03
4.62	98.00	0.57	3.28	1.00	0.03	4.63	96.27	0.56	3.34	1.00	0.03
4.64	92.17	0.53	3.49	1.00	0.03	4.65	90.36	0.52	3.56	1.00	0.04
4.66	92.09	0.53	3.49	1.00	0.03	4.67	97.11	0.56	3.31	1.00	0.03
4.68	101.30	0.59	3.17	1.00	0.03	4.69	105.77	0.62	3.03	1.00	0.03
4.70	105.70	0.62	3.04	1.00	0.03	4.71	109.40	0.66	2.93	1.00	0.03
4.72	113.41	0.70	2.82	1.00	0.03	4.73	116.42	0.73	2.74	1.00	0.03
4.74	119.10	0.76	2.68	1.00	0.03	4.75	119.86	0.77	2.66	1.00	0.03
4.76	119.03	0.76	2.68	1.00	0.03	4.77	118.95	0.76	2.68	1.00	0.03
4.78	118.66	0.76	2.69	1.00	0.03	4.79	119.73	0.77	2.66	1.00	0.03
4.80	121.66	0.79	2.62	1.00	0.03	4.81	122.31	0.80	2.56	1.00	0.03
4.82	121.07	0.79	2.63	1.00	0.03	4.83	118.46	0.75	2.69	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	114.79	0.71	2.78	1.00	0.03	4.85	114.71	0.71	2.79	1.00	0.03
4.86	109.67	0.66	2.92	1.00	0.03	4.87	109.59	0.65	2.92	1.00	0.03
4.88	115.16	0.71	2.77	1.00	0.03	4.89	118.82	0.75	2.68	1.00	0.03
4.90	120.67	0.78	2.64	1.00	0.03	4.91	121.84	0.79	2.61	1.00	0.03
4.92	122.54	0.80	2.54	1.00	0.03	4.93	123.31	0.81	2.35	1.00	0.02
4.94	123.12	0.81	2.40	1.00	0.02	4.95	123.76	0.82	2.26	1.00	0.02
4.96	123.76	0.82	2.26	1.00	0.02	4.97	123.24	0.81	2.38	1.00	0.02
4.98	122.66	0.80	2.53	1.00	0.03	4.99	122.71	0.80	2.52	1.00	0.03
5.00	117.43	0.73	2.72	1.00	0.03	5.01	117.59	0.74	2.71	1.00	0.03
5.02	116.16	0.72	2.75	1.00	0.03	5.03	117.95	0.74	2.70	1.00	0.03
5.04	120.89	0.78	2.63	1.00	0.03	5.05	121.94	0.79	2.61	1.00	0.03
5.06	120.81	0.78	2.64	1.00	0.03	5.07	119.60	0.76	2.66	1.00	0.03
5.08	119.52	0.76	2.67	1.00	0.03	5.09	118.29	0.74	2.70	1.00	0.03
5.10	117.16	0.73	2.72	1.00	0.03	5.11	115.52	0.71	2.76	1.00	0.03
5.12	113.67	0.69	2.81	1.00	0.03	5.13	111.29	0.67	2.88	1.00	0.03
5.14	108.74	0.64	2.95	1.00	0.03	5.15	110.87	0.66	2.89	1.00	0.03
5.16	111.82	0.67	2.86	1.00	0.03	5.17	116.87	0.72	2.73	1.00	0.03
5.18	119.64	0.76	2.66	1.00	0.03	5.19	121.81	0.79	2.61	1.00	0.03
5.20	122.05	0.79	2.61	1.00	0.03	5.21	123.05	0.80	2.50	1.00	0.02
5.22	123.64	0.81	2.36	1.00	0.02	5.23	123.05	0.80	2.50	1.00	0.03
5.24	119.99	0.76	2.66	1.00	0.03	5.25	115.43	0.71	2.77	1.00	0.03
5.26	111.13	0.66	2.88	1.00	0.03	5.27	108.24	0.64	2.96	1.00	0.03
5.28	108.18	0.63	2.96	1.00	0.03	5.29	106.80	0.62	3.00	1.00	0.03
5.30	103.52	0.60	3.10	1.00	0.03	5.31	102.39	0.59	3.14	1.00	0.03
5.32	100.24	0.57	3.21	1.00	0.03	5.33	98.80	0.56	3.25	1.00	0.03
5.34	98.89	0.56	3.25	1.00	0.03	5.35	97.17	0.55	3.31	1.00	0.03
5.36	96.00	0.54	3.35	1.00	0.03	5.37	96.02	0.54	3.35	1.00	0.03
5.38	97.51	0.55	3.30	1.00	0.03	5.39	99.65	0.57	3.22	1.00	0.03
5.40	102.01	0.58	3.15	1.00	0.03	5.41	102.90	0.59	3.12	1.00	0.03
5.42	103.39	0.59	3.11	1.00	0.03	5.43	104.23	0.60	3.08	1.00	0.03
5.44	104.12	0.60	3.08	1.00	0.03	5.45	102.88	0.59	3.12	1.00	0.03
5.46	101.14	0.58	3.18	1.00	0.03	5.47	101.16	0.58	3.18	1.00	0.03
5.48	100.73	0.57	3.19	1.00	0.03	5.49	99.25	0.56	3.24	1.00	0.03
5.50	98.39	0.56	3.27	1.00	0.03	5.51	96.07	0.54	3.35	1.00	0.03
5.52	94.24	0.53	3.41	1.00	0.03	5.53	91.79	0.51	3.50	1.00	0.04
5.54	89.76	0.50	3.58	1.00	0.04	5.55	88.46	0.50	3.63	1.00	0.04
5.56	86.95	0.49	3.70	1.00	0.04	5.57	86.79	0.49	3.70	1.00	0.04
5.58	85.02	0.48	3.78	1.00	0.04	5.59	83.21	0.47	3.86	1.00	0.04
5.60	83.38	0.47	3.85	1.00	0.04	5.61	86.27	0.48	3.73	1.00	0.04
5.62	90.95	0.51	3.54	1.00	0.04	5.63	93.16	0.52	3.45	1.00	0.03
5.64	97.70	0.55	3.29	1.00	0.03	5.65	97.94	0.55	3.28	1.00	0.03
5.66	99.61	0.56	3.23	1.00	0.03	5.67	99.67	0.56	3.22	1.00	0.03
5.68	99.47	0.56	3.23	1.00	0.03	5.69	97.11	0.54	3.31	1.00	0.03
5.70	95.34	0.53	3.37	1.00	0.03	5.71	92.18	0.51	3.49	1.00	0.03
5.72	93.17	0.52	3.45	1.00	0.03	5.73	90.66	0.51	3.55	1.00	0.04
5.74	89.54	0.50	3.59	1.00	0.04	5.75	88.73	0.49	3.62	1.00	0.04
5.76	88.81	0.50	3.62	1.00	0.04	5.77	89.14	0.50	3.61	1.00	0.04
5.78	89.79	0.50	3.58	1.00	0.04	5.79	90.05	0.50	3.57	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	90.05	0.50	3.57	1.00	0.04	5.81	91.23	0.51	3.52	1.00	0.04
5.82	91.24	0.51	3.52	1.00	0.04	5.83	93.38	0.52	3.44	1.00	0.03
5.84	97.73	0.55	3.29	1.00	0.03	5.85	102.48	0.58	3.13	1.00	0.03
5.86	106.98	0.62	3.00	1.00	0.03	5.87	113.53	0.68	2.82	1.00	0.03
5.88	110.93	0.65	2.89	1.00	0.03	5.89	116.40	0.71	2.74	1.00	0.03
5.90	117.99	0.72	2.70	1.00	0.03	5.91	117.73	0.72	2.71	1.00	0.03
5.92	115.81	0.70	2.76	1.00	0.03	5.93	112.86	0.67	2.83	1.00	0.03
5.94	110.53	0.65	2.90	1.00	0.03	5.95	110.10	0.64	2.91	1.00	0.03
5.96	107.19	0.62	2.99	1.00	0.03	5.97	105.19	0.60	3.05	1.00	0.03
5.98	101.60	0.57	3.16	1.00	0.03	5.99	95.86	0.53	3.35	1.00	0.03
6.00	92.70	0.51	3.47	1.00	0.03	6.01	90.61	0.50	3.55	1.00	0.04
6.02	90.16	0.50	3.57	1.00	0.04	6.03	91.11	0.51	3.53	1.00	0.04
6.04	87.59	0.49	3.67	1.00	0.04	6.05	87.71	0.49	3.67	1.00	0.04
6.06	84.90	0.47	3.78	1.00	0.04	6.07	86.54	0.48	3.71	1.00	0.04
6.08	85.56	0.48	3.76	1.00	0.04	6.09	87.71	0.49	3.67	1.00	0.04
6.10	91.51	0.51	3.51	1.00	0.04	6.11	93.32	0.52	3.45	1.00	0.03
6.12	90.59	0.50	3.55	1.00	0.04	6.13	90.59	0.50	3.55	1.00	0.04
6.14	90.10	0.50	3.57	1.00	0.04	6.15	88.68	0.49	3.63	1.00	0.04
6.16	87.24	0.48	3.68	1.00	0.04	6.17	83.09	0.46	3.86	1.00	0.04
6.18	18.83	2.00	0.00	1.00	0.00	6.19	18.79	2.00	0.00	1.00	0.00
6.20	16.39	2.00	0.00	1.00	0.00	6.21	14.86	2.00	0.00	1.00	0.00
6.22	11.82	2.00	0.00	1.00	0.00	6.23	10.90	2.00	0.00	1.00	0.00
6.24	16.13	2.00	0.00	1.00	0.00	6.25	16.14	2.00	0.00	1.00	0.00
6.26	19.88	2.00	0.00	1.00	0.00	6.27	22.60	2.00	0.00	1.00	0.00
6.28	81.49	0.45	3.94	1.00	0.04	6.29	81.45	0.45	3.94	1.00	0.04
6.30	19.10	2.00	0.00	1.00	0.00	6.31	19.07	2.00	0.00	1.00	0.00
6.32	16.50	2.00	0.00	1.00	0.00	6.33	14.21	2.00	0.00	1.00	0.00
6.34	11.79	2.00	0.00	1.00	0.00	6.35	10.88	2.00	0.00	1.00	0.00
6.36	16.84	2.00	0.00	1.00	0.00	6.37	16.86	2.00	0.00	1.00	0.00
6.38	20.51	2.00	0.00	1.00	0.00	6.39	81.53	0.45	3.94	1.00	0.04
6.40	81.17	0.45	3.95	1.00	0.04	6.41	78.48	0.44	4.08	1.00	0.04
6.42	82.77	0.46	3.88	1.00	0.04	6.43	81.51	0.45	3.94	1.00	0.04
6.44	88.64	0.49	3.63	1.00	0.04	6.45	96.71	0.53	3.32	1.00	0.03
6.46	101.84	0.57	3.15	1.00	0.03	6.47	100.47	0.56	3.20	1.00	0.03
6.48	94.94	0.52	3.39	1.00	0.03	6.49	95.71	0.53	3.36	1.00	0.03
6.50	94.12	0.52	3.42	1.00	0.03	6.51	90.61	0.50	3.55	1.00	0.04
6.52	98.70	0.55	3.26	1.00	0.03	6.53	91.02	0.50	3.53	1.00	0.04
6.54	95.04	0.52	3.38	1.00	0.03	6.55	87.41	0.48	3.68	1.00	0.04
6.56	87.80	0.48	3.66	1.00	0.04	6.57	86.69	0.48	3.71	1.00	0.04
6.58	82.58	0.46	3.89	1.00	0.04	6.59	88.28	0.49	3.64	1.00	0.04
6.60	84.22	0.47	3.81	1.00	0.04	6.61	94.21	0.52	3.41	1.00	0.03
6.62	92.34	0.51	3.48	1.00	0.03	6.63	91.83	0.50	3.50	1.00	0.04
6.64	91.71	0.50	3.51	1.00	0.04	6.65	90.51	0.50	3.55	1.00	0.04
6.66	91.46	0.50	3.52	1.00	0.04	6.67	94.30	0.52	3.41	1.00	0.03
6.68	97.86	0.54	3.28	1.00	0.03	6.69	98.01	0.54	3.28	1.00	0.03
6.70	98.82	0.55	3.25	1.00	0.03	6.71	97.77	0.54	3.29	1.00	0.03
6.72	96.54	0.53	3.33	1.00	0.03	6.73	95.40	0.52	3.37	1.00	0.03
6.74	90.48	0.50	3.55	1.00	0.04	6.75	91.25	0.50	3.52	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	89.05	0.49	3.61	1.00	0.04	6.77	86.33	0.47	3.72	1.00	0.04
6.78	82.07	0.45	3.91	1.00	0.04	6.79	82.26	0.46	3.90	1.00	0.04
6.80	81.66	0.45	3.93	1.00	0.04	6.81	22.56	2.00	0.00	1.00	0.00
6.82	21.38	2.00	0.00	1.00	0.00	6.83	17.02	2.00	0.00	1.00	0.00
6.84	15.26	2.00	0.00	1.00	0.00	6.85	12.37	2.00	0.00	1.00	0.00
6.86	12.36	2.00	0.00	1.00	0.00	6.87	10.67	2.00	0.00	1.00	0.00
6.88	9.49	2.00	0.00	1.00	0.00	6.89	8.73	2.00	0.00	1.00	0.00
6.90	14.37	2.00	0.00	1.00	0.00	6.91	95.87	0.53	3.35	1.00	0.03
6.92	90.05	0.49	3.57	1.00	0.04	6.93	104.09	0.58	3.08	1.00	0.03
6.94	107.02	0.61	3.00	1.00	0.03	6.95	100.25	0.55	3.20	1.00	0.03
6.96	96.21	0.53	3.34	1.00	0.03	6.97	96.38	0.53	3.34	1.00	0.03
6.98	96.32	0.53	3.34	1.00	0.03	6.99	94.10	0.52	3.42	1.00	0.03
7.00	92.28	0.51	3.48	1.00	0.03	7.01	88.57	0.49	3.63	1.00	0.04
7.02	88.56	0.49	3.63	1.00	0.04	7.03	85.23	0.47	3.77	1.00	0.04
7.04	88.07	0.48	3.65	1.00	0.04	7.05	89.20	0.49	3.60	1.00	0.04
7.06	91.69	0.50	3.51	1.00	0.04	7.07	94.95	0.52	3.39	1.00	0.03
7.08	96.83	0.53	3.32	1.00	0.03	7.09	96.91	0.53	3.32	1.00	0.03
7.10	97.11	0.53	3.31	1.00	0.03	7.11	96.47	0.53	3.33	1.00	0.03
7.12	95.87	0.53	3.35	1.00	0.03	7.13	93.93	0.51	3.42	1.00	0.03
7.14	90.16	0.49	3.57	1.00	0.04	7.15	91.03	0.50	3.53	1.00	0.04
7.16	87.48	0.48	3.67	1.00	0.04	7.17	86.20	0.47	3.73	1.00	0.04
7.18	84.88	0.47	3.79	1.00	0.04	7.19	86.69	0.48	3.71	1.00	0.04
7.20	89.39	0.49	3.60	1.00	0.04	7.21	90.70	0.50	3.55	1.00	0.04
7.22	90.65	0.50	3.55	1.00	0.04	7.23	92.42	0.51	3.48	1.00	0.03
7.24	93.05	0.51	3.46	1.00	0.03	7.25	96.54	0.53	3.33	1.00	0.03
7.26	96.74	0.53	3.32	1.00	0.03	7.27	93.36	0.51	3.44	1.00	0.03
7.28	93.31	0.51	3.45	1.00	0.03	7.29	90.93	0.50	3.54	1.00	0.04
7.30	86.78	0.48	3.70	1.00	0.04	7.31	82.41	0.45	3.90	1.00	0.04
7.32	74.15	0.42	4.31	1.00	0.04	7.33	80.54	0.45	3.98	1.00	0.04
7.34	79.09	0.44	4.05	1.00	0.04	7.35	91.21	0.50	3.53	1.00	0.04
7.36	92.30	0.50	3.48	1.00	0.03	7.37	94.14	0.51	3.42	1.00	0.03
7.38	84.90	0.47	3.78	1.00	0.04	7.39	83.19	0.46	3.86	1.00	0.04
7.40	19.47	2.00	0.00	1.00	0.00	7.41	19.44	2.00	0.00	1.00	0.00
7.42	18.10	2.00	0.00	1.00	0.00	7.43	17.47	2.00	0.00	1.00	0.00
7.44	15.78	2.00	0.00	1.00	0.00	7.45	13.95	2.00	0.00	1.00	0.00
7.46	11.20	2.00	0.00	1.00	0.00	7.47	11.20	2.00	0.00	1.00	0.00
7.48	10.07	2.00	0.00	1.00	0.00	7.49	8.77	2.00	0.00	1.00	0.00
7.50	13.93	2.00	0.00	1.00	0.00	7.51	106.94	0.60	3.00	1.00	0.03
7.52	98.89	0.54	3.25	1.00	0.03	7.53	117.46	0.70	2.72	1.00	0.03
7.54	117.40	0.70	2.72	1.00	0.03	7.55	127.52	0.84	1.93	1.00	0.02
7.56	139.51	1.07	0.81	1.00	0.01	7.57	141.16	1.12	0.73	1.00	0.01
7.58	150.64	1.43	0.33	1.00	0.00	7.59	150.58	1.43	0.33	1.00	0.00
7.60	150.37	1.42	0.34	1.00	0.00	7.61	124.18	0.79	2.56	1.00	0.03
7.62	111.73	0.64	2.86	1.00	0.03	7.63	93.05	0.51	3.46	1.00	0.03
7.64	105.84	0.59	3.03	1.00	0.03	7.65	102.86	0.57	3.12	1.00	0.03
7.66	106.41	0.60	3.01	1.00	0.03	7.67	108.28	0.61	2.96	1.00	0.03
7.68	97.60	0.53	3.29	1.00	0.03	7.69	95.88	0.52	3.35	1.00	0.03
7.70	90.35	0.49	3.56	1.00	0.04	7.71	91.83	0.50	3.50	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	27.96	2.00	0.00	1.00	0.00	7.73	25.09	2.00	0.00	1.00	0.00
7.74	20.70	2.00	0.00	1.00	0.00	7.75	19.33	2.00	0.00	1.00	0.00
7.76	16.61	2.00	0.00	1.00	0.00	7.77	16.60	2.00	0.00	1.00	0.00
7.78	12.89	2.00	0.00	1.00	0.00	7.79	12.88	2.00	0.00	1.00	0.00
7.80	13.04	2.00	0.00	1.00	0.00	7.81	13.07	2.00	0.00	1.00	0.00
7.82	13.29	2.00	0.00	1.00	0.00	7.83	13.17	2.00	0.00	1.00	0.00
7.84	13.17	2.00	0.00	1.00	0.00	7.85	13.20	2.00	0.00	1.00	0.00
7.86	13.25	2.00	0.00	1.00	0.00	7.87	13.02	2.00	0.00	1.00	0.00
7.88	13.18	2.00	0.00	1.00	0.00	7.89	13.17	2.00	0.00	1.00	0.00
7.90	12.79	2.00	0.00	1.00	0.00	7.91	13.11	2.00	0.00	1.00	0.00
7.92	12.88	2.00	0.00	1.00	0.00	7.93	13.09	2.00	0.00	1.00	0.00
7.94	12.76	2.00	0.00	1.00	0.00	7.95	12.75	2.00	0.00	1.00	0.00
7.96	12.64	2.00	0.00	1.00	0.00	7.97	12.57	2.00	0.00	1.00	0.00
7.98	12.73	2.00	0.00	1.00	0.00	7.99	12.56	2.00	0.00	1.00	0.00
8.00	12.22	2.00	0.00	1.00	0.00	8.01	12.54	2.00	0.00	1.00	0.00
8.02	12.53	2.00	0.00	1.00	0.00	8.03	12.53	2.00	0.00	1.00	0.00
8.04	12.84	2.00	0.00	1.00	0.00	8.05	12.73	2.00	0.00	1.00	0.00
8.06	12.99	2.00	0.00	1.00	0.00	8.07	13.19	2.00	0.00	1.00	0.00
8.08	13.18	2.00	0.00	1.00	0.00	8.09	12.97	2.00	0.00	1.00	0.00
8.10	13.01	2.00	0.00	1.00	0.00	8.11	12.41	2.00	0.00	1.00	0.00
8.12	12.36	2.00	0.00	1.00	0.00	8.13	11.86	2.00	0.00	1.00	0.00
8.14	11.86	2.00	0.00	1.00	0.00	8.15	11.73	2.00	0.00	1.00	0.00
8.16	11.20	2.00	0.00	1.00	0.00	8.17	11.35	2.00	0.00	1.00	0.00
8.18	10.96	2.00	0.00	1.00	0.00	8.19	10.96	2.00	0.00	1.00	0.00
8.20	10.95	2.00	0.00	1.00	0.00	8.21	10.58	2.00	0.00	1.00	0.00
8.22	10.62	2.00	0.00	1.00	0.00	8.23	10.40	2.00	0.00	1.00	0.00
8.24	10.23	2.00	0.00	1.00	0.00	8.25	10.23	2.00	0.00	1.00	0.00
8.26	10.17	2.00	0.00	1.00	0.00	8.27	10.38	2.00	0.00	1.00	0.00
8.28	10.31	2.00	0.00	1.00	0.00	8.29	10.31	2.00	0.00	1.00	0.00
8.30	10.57	2.00	0.00	1.00	0.00	8.31	10.56	2.00	0.00	1.00	0.00
8.32	10.45	2.00	0.00	1.00	0.00	8.33	10.66	2.00	0.00	1.00	0.00
8.34	10.92	2.00	0.00	1.00	0.00	8.35	11.23	2.00	0.00	1.00	0.00
8.36	11.28	2.00	0.00	1.00	0.00	8.37	11.44	2.00	0.00	1.00	0.00
8.38	11.43	2.00	0.00	1.00	0.00	8.39	11.31	2.00	0.00	1.00	0.00
8.40	11.68	2.00	0.00	1.00	0.00	8.41	11.46	2.00	0.00	1.00	0.00
8.42	11.51	2.00	0.00	1.00	0.00	8.43	11.50	2.00	0.00	1.00	0.00
8.44	11.44	2.00	0.00	1.00	0.00	8.45	11.65	2.00	0.00	1.00	0.00
8.46	11.53	2.00	0.00	1.00	0.00	8.47	11.47	2.00	0.00	1.00	0.00
8.48	11.89	2.00	0.00	1.00	0.00	8.49	11.88	2.00	0.00	1.00	0.00
8.50	11.87	2.00	0.00	1.00	0.00	8.51	11.71	2.00	0.00	1.00	0.00
8.52	11.49	2.00	0.00	1.00	0.00	8.53	11.54	2.00	0.00	1.00	0.00
8.54	11.21	2.00	0.00	1.00	0.00	8.55	11.21	2.00	0.00	1.00	0.00
8.56	11.31	2.00	0.00	1.00	0.00	8.57	11.15	2.00	0.00	1.00	0.00
8.58	10.98	2.00	0.00	1.00	0.00	8.59	10.82	2.00	0.00	1.00	0.00
8.60	11.02	2.00	0.00	1.00	0.00	8.61	11.01	2.00	0.00	1.00	0.00
8.62	10.59	2.00	0.00	1.00	0.00	8.63	10.52	2.00	0.00	1.00	0.00
8.64	10.42	2.00	0.00	1.00	0.00	8.65	10.73	2.00	0.00	1.00	0.00
8.66	10.72	2.00	0.00	1.00	0.00	8.67	10.71	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	11.02	2.00	0.00	1.00	0.00	8.69	10.96	2.00	0.00	1.00	0.00
8.70	11.07	2.00	0.00	1.00	0.00	8.71	11.00	2.00	0.00	1.00	0.00
8.72	11.05	2.00	0.00	1.00	0.00	8.73	11.05	2.00	0.00	1.00	0.00
8.74	11.09	2.00	0.00	1.00	0.00	8.75	10.98	2.00	0.00	1.00	0.00
8.76	10.76	2.00	0.00	1.00	0.00	8.77	10.55	2.00	0.00	1.00	0.00
8.78	10.55	2.00	0.00	1.00	0.00	8.79	10.70	2.00	0.00	1.00	0.00
8.80	10.74	2.00	0.00	1.00	0.00	8.81	10.69	2.00	0.00	1.00	0.00
8.82	10.94	2.00	0.00	1.00	0.00	8.83	10.93	2.00	0.00	1.00	0.00
8.84	10.92	2.00	0.00	1.00	0.00	8.85	10.92	2.00	0.00	1.00	0.00
8.86	10.97	2.00	0.00	1.00	0.00	8.87	10.69	2.00	0.00	1.00	0.00
8.88	10.80	2.00	0.00	1.00	0.00	8.89	10.58	2.00	0.00	1.00	0.00
8.90	10.58	2.00	0.00	1.00	0.00	8.91	10.47	2.00	0.00	1.00	0.00
8.92	10.20	2.00	0.00	1.00	0.00	8.93	10.46	2.00	0.00	1.00	0.00
8.94	10.34	2.00	0.00	1.00	0.00	8.95	10.55	2.00	0.00	1.00	0.00
8.96	10.54	2.00	0.00	1.00	0.00	8.97	10.38	2.00	0.00	1.00	0.00
8.98	10.37	2.00	0.00	1.00	0.00	8.99	10.11	2.00	0.00	1.00	0.00
9.00	10.15	2.00	0.00	1.00	0.00	9.01	10.10	2.00	0.00	1.00	0.00
9.02	10.10	2.00	0.00	1.00	0.00	9.03	10.14	2.00	0.00	1.00	0.00
9.04	10.19	2.00	0.00	1.00	0.00	9.05	10.39	2.00	0.00	1.00	0.00
9.06	10.38	2.00	0.00	1.00	0.00	9.07	10.69	2.00	0.00	1.00	0.00
9.08	10.68	2.00	0.00	1.00	0.00	9.09	11.18	2.00	0.00	1.00	0.00
9.10	11.38	2.00	0.00	1.00	0.00	9.11	11.88	2.00	0.00	1.00	0.00
9.12	12.18	2.00	0.00	1.00	0.00	9.13	12.63	2.00	0.00	1.00	0.00
9.14	12.63	2.00	0.00	1.00	0.00	9.15	12.83	2.00	0.00	1.00	0.00
9.16	13.07	2.00	0.00	1.00	0.00	9.17	13.22	2.00	0.00	1.00	0.00
9.18	13.46	2.00	0.00	1.00	0.00	9.19	13.55	2.00	0.00	1.00	0.00
9.20	13.55	2.00	0.00	1.00	0.00	9.21	13.84	2.00	0.00	1.00	0.00
9.22	13.84	2.00	0.00	1.00	0.00	9.23	13.94	2.00	0.00	1.00	0.00
9.24	13.47	2.00	0.00	1.00	0.00	9.25	13.47	2.00	0.00	1.00	0.00
9.26	13.71	2.00	0.00	1.00	0.00	9.27	13.70	2.00	0.00	1.00	0.00
9.28	13.84	2.00	0.00	1.00	0.00	9.29	13.74	2.00	0.00	1.00	0.00
9.30	13.73	2.00	0.00	1.00	0.00	9.31	13.72	2.00	0.00	1.00	0.00
9.32	13.72	2.00	0.00	1.00	0.00	9.33	14.11	2.00	0.00	1.00	0.00
9.34	14.35	2.00	0.00	1.00	0.00	9.35	14.44	2.00	0.00	1.00	0.00
9.36	14.33	2.00	0.00	1.00	0.00	9.37	14.33	2.00	0.00	1.00	0.00
9.38	14.17	2.00	0.00	1.00	0.00	9.39	14.01	2.00	0.00	1.00	0.00
9.40	14.06	2.00	0.00	1.00	0.00	9.41	13.80	2.00	0.00	1.00	0.00
9.42	13.38	2.00	0.00	1.00	0.00	9.43	13.38	2.00	0.00	1.00	0.00
9.44	13.32	2.00	0.00	1.00	0.00	9.45	13.17	2.00	0.00	1.00	0.00
9.46	13.20	2.00	0.00	1.00	0.00	9.47	13.20	2.00	0.00	1.00	0.00
9.48	13.45	2.00	0.00	1.00	0.00	9.49	13.44	2.00	0.00	1.00	0.00
9.50	13.28	2.00	0.00	1.00	0.00	9.51	13.27	2.00	0.00	1.00	0.00
9.52	13.66	2.00	0.00	1.00	0.00	9.53	14.00	2.00	0.00	1.00	0.00
9.54	14.04	2.00	0.00	1.00	0.00	9.55	14.04	2.00	0.00	1.00	0.00
9.56	14.48	2.00	0.00	1.00	0.00	9.57	14.42	2.00	0.00	1.00	0.00
9.58	14.61	2.00	0.00	1.00	0.00	9.59	14.75	2.00	0.00	1.00	0.00
9.60	14.45	2.00	0.00	1.00	0.00	9.61	14.44	2.00	0.00	1.00	0.00
9.62	14.04	2.00	0.00	1.00	0.00	9.63	14.22	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	14.42	2.00	0.00	1.00	0.00	9.65	14.65	2.00	0.00	1.00	0.00
9.66	14.50	2.00	0.00	1.00	0.00	9.67	14.49	2.00	0.00	1.00	0.00
9.68	14.78	2.00	0.00	1.00	0.00	9.69	14.72	2.00	0.00	1.00	0.00
9.70	15.21	2.00	0.00	1.00	0.00	9.71	15.29	2.00	0.00	1.00	0.00
9.72	15.29	2.00	0.00	1.00	0.00	9.73	15.28	2.00	0.00	1.00	0.00
9.74	15.38	2.00	0.00	1.00	0.00	9.75	15.61	2.00	0.00	1.00	0.00
9.76	15.84	2.00	0.00	1.00	0.00	9.77	15.93	2.00	0.00	1.00	0.00
9.78	15.92	2.00	0.00	1.00	0.00	9.79	15.48	2.00	0.00	1.00	0.00
9.80	15.07	2.00	0.00	1.00	0.00	9.81	14.23	2.00	0.00	1.00	0.00
9.82	13.44	2.00	0.00	1.00	0.00	9.83	13.43	2.00	0.00	1.00	0.00
9.84	12.45	2.00	0.00	1.00	0.00	9.85	11.55	2.00	0.00	1.00	0.00
9.86	9.93	2.00	0.00	1.00	0.00	9.87	9.63	2.00	0.00	1.00	0.00
9.88	8.83	2.00	0.00	1.00	0.00	9.89	8.83	2.00	0.00	1.00	0.00
9.90	8.63	2.00	0.00	1.00	0.00	9.91	8.09	2.00	0.00	1.00	0.00
9.92	7.29	2.00	0.00	1.00	0.00	9.93	6.99	2.00	0.00	1.00	0.00
9.94	7.24	2.00	0.00	1.00	0.00	9.95	7.24	2.00	0.00	1.00	0.00
9.96	7.38	2.00	0.00	1.00	0.00	9.97	8.01	2.00	0.00	1.00	0.00
9.98	8.25	2.00	0.00	1.00	0.00	9.99	8.35	2.00	0.00	1.00	0.00
10.00	8.35	2.00	0.00	1.00	0.00	10.01	8.38	2.00	0.00	1.00	0.00
10.02	8.38	2.00	0.00	1.00	0.00	10.03	8.37	2.00	0.00	1.00	0.00
10.04	8.28	2.00	0.00	1.00	0.00	10.05	8.22	2.00	0.00	1.00	0.00
10.06	8.22	2.00	0.00	1.00	0.00	10.07	8.17	2.00	0.00	1.00	0.00
10.08	8.26	2.00	0.00	1.00	0.00	10.09	8.35	2.00	0.00	1.00	0.00
10.10	8.45	2.00	0.00	1.00	0.00	10.11	8.39	2.00	0.00	1.00	0.00
10.12	8.39	2.00	0.00	1.00	0.00	10.13	8.53	2.00	0.00	1.00	0.00
10.14	8.48	2.00	0.00	1.00	0.00	10.15	8.76	2.00	0.00	1.00	0.00
10.16	8.81	2.00	0.00	1.00	0.00	10.17	9.14	2.00	0.00	1.00	0.00
10.18	9.14	2.00	0.00	1.00	0.00	10.19	9.18	2.00	0.00	1.00	0.00
10.20	9.18	2.00	0.00	1.00	0.00	10.21	9.41	2.00	0.00	1.00	0.00
10.22	9.85	2.00	0.00	1.00	0.00	10.23	9.84	2.00	0.00	1.00	0.00
10.24	9.93	2.00	0.00	1.00	0.00	10.25	10.07	2.00	0.00	1.00	0.00
10.26	9.92	2.00	0.00	1.00	0.00	10.27	9.97	2.00	0.00	1.00	0.00
10.28	9.77	2.00	0.00	1.00	0.00	10.29	9.76	2.00	0.00	1.00	0.00
10.30	9.57	2.00	0.00	1.00	0.00	10.31	9.37	2.00	0.00	1.00	0.00
10.32	9.18	2.00	0.00	1.00	0.00	10.33	9.03	2.00	0.00	1.00	0.00
10.34	8.63	2.00	0.00	1.00	0.00	10.35	8.63	2.00	0.00	1.00	0.00
10.36	8.53	2.00	0.00	1.00	0.00	10.37	8.38	2.00	0.00	1.00	0.00
10.38	8.09	2.00	0.00	1.00	0.00	10.39	7.90	2.00	0.00	1.00	0.00
10.40	7.65	2.00	0.00	1.00	0.00	10.41	7.64	2.00	0.00	1.00	0.00
10.42	7.49	2.00	0.00	1.00	0.00	10.43	7.35	2.00	0.00	1.00	0.00
10.44	7.30	2.00	0.00	1.00	0.00	10.45	7.39	2.00	0.00	1.00	0.00
10.46	7.39	2.00	0.00	1.00	0.00	10.47	7.20	2.00	0.00	1.00	0.00
10.48	7.14	2.00	0.00	1.00	0.00	10.49	6.95	2.00	0.00	1.00	0.00
10.50	6.80	2.00	0.00	1.00	0.00	10.51	6.70	2.00	0.00	1.00	0.00
10.52	6.84	2.00	0.00	1.00	0.00	10.53	6.84	2.00	0.00	1.00	0.00
10.54	6.74	2.00	0.00	1.00	0.00	10.55	6.78	2.00	0.00	1.00	0.00
10.56	6.59	2.00	0.00	1.00	0.00	10.57	6.59	2.00	0.00	1.00	0.00
10.58	6.59	2.00	0.00	1.00	0.00	10.59	6.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	6.62	2.00	0.00	1.00	0.00	10.61	6.53	2.00	0.00	1.00	0.00
10.62	6.67	2.00	0.00	1.00	0.00	10.63	6.95	2.00	0.00	1.00	0.00
10.64	6.95	2.00	0.00	1.00	0.00	10.65	7.09	2.00	0.00	1.00	0.00
10.66	7.03	2.00	0.00	1.00	0.00	10.67	6.99	2.00	0.00	1.00	0.00
10.68	7.03	2.00	0.00	1.00	0.00	10.69	7.36	2.00	0.00	1.00	0.00
10.70	7.36	2.00	0.00	1.00	0.00	10.71	7.35	2.00	0.00	1.00	0.00
10.72	7.49	2.00	0.00	1.00	0.00	10.73	7.77	2.00	0.00	1.00	0.00
10.74	8.15	2.00	0.00	1.00	0.00	10.75	8.71	2.00	0.00	1.00	0.00
10.76	8.71	2.00	0.00	1.00	0.00	10.77	8.94	2.00	0.00	1.00	0.00
10.78	9.13	2.00	0.00	1.00	0.00	10.79	9.07	2.00	0.00	1.00	0.00
10.80	9.12	2.00	0.00	1.00	0.00	10.81	9.11	2.00	0.00	1.00	0.00
10.82	9.15	2.00	0.00	1.00	0.00	10.83	9.20	2.00	0.00	1.00	0.00
10.84	9.19	2.00	0.00	1.00	0.00	10.85	9.23	2.00	0.00	1.00	0.00
10.86	9.04	2.00	0.00	1.00	0.00	10.87	9.09	2.00	0.00	1.00	0.00
10.88	9.09	2.00	0.00	1.00	0.00	10.89	9.08	2.00	0.00	1.00	0.00
10.90	9.08	2.00	0.00	1.00	0.00	10.91	8.88	2.00	0.00	1.00	0.00
10.92	9.02	2.00	0.00	1.00	0.00	10.93	9.06	2.00	0.00	1.00	0.00
10.94	9.43	2.00	0.00	1.00	0.00	10.95	9.43	2.00	0.00	1.00	0.00
10.96	9.46	2.00	0.00	1.00	0.00	10.97	9.70	2.00	0.00	1.00	0.00
10.98	9.79	2.00	0.00	1.00	0.00	10.99	10.01	2.00	0.00	1.00	0.00
11.00	10.01	2.00	0.00	1.00	0.00	11.01	10.01	2.00	0.00	1.00	0.00
11.02	10.09	2.00	0.00	1.00	0.00	11.03	9.86	2.00	0.00	1.00	0.00
11.04	9.85	2.00	0.00	1.00	0.00	11.05	9.85	2.00	0.00	1.00	0.00
11.06	9.84	2.00	0.00	1.00	0.00	11.07	9.84	2.00	0.00	1.00	0.00
11.08	9.60	2.00	0.00	1.00	0.00	11.09	9.51	2.00	0.00	1.00	0.00
11.10	9.31	2.00	0.00	1.00	0.00	11.11	9.31	2.00	0.00	1.00	0.00
11.12	9.31	2.00	0.00	1.00	0.00	11.13	9.16	2.00	0.00	1.00	0.00
11.14	9.30	2.00	0.00	1.00	0.00	11.15	9.29	2.00	0.00	1.00	0.00
11.16	9.48	2.00	0.00	1.00	0.00	11.17	9.51	2.00	0.00	1.00	0.00
11.18	9.51	2.00	0.00	1.00	0.00	11.19	9.64	2.00	0.00	1.00	0.00
11.20	9.60	2.00	0.00	1.00	0.00	11.21	9.68	2.00	0.00	1.00	0.00
11.22	9.63	2.00	0.00	1.00	0.00	11.23	9.63	2.00	0.00	1.00	0.00
11.24	9.81	2.00	0.00	1.00	0.00	11.25	9.72	2.00	0.00	1.00	0.00
11.26	9.94	2.00	0.00	1.00	0.00	11.27	9.94	2.00	0.00	1.00	0.00
11.28	10.16	2.00	0.00	1.00	0.00	11.29	10.15	2.00	0.00	1.00	0.00
11.30	10.10	2.00	0.00	1.00	0.00	11.31	10.19	2.00	0.00	1.00	0.00
11.32	10.05	2.00	0.00	1.00	0.00	11.33	10.09	2.00	0.00	1.00	0.00
11.34	10.13	2.00	0.00	1.00	0.00	11.35	10.13	2.00	0.00	1.00	0.00
11.36	10.21	2.00	0.00	1.00	0.00	11.37	10.12	2.00	0.00	1.00	0.00
11.38	10.16	2.00	0.00	1.00	0.00	11.39	10.24	2.00	0.00	1.00	0.00
11.40	10.24	2.00	0.00	1.00	0.00	11.41	10.24	2.00	0.00	1.00	0.00
11.42	10.09	2.00	0.00	1.00	0.00	11.43	10.09	2.00	0.00	1.00	0.00
11.44	9.72	2.00	0.00	1.00	0.00	11.45	9.71	2.00	0.00	1.00	0.00
11.46	9.52	2.00	0.00	1.00	0.00	11.47	9.20	2.00	0.00	1.00	0.00
11.48	9.15	2.00	0.00	1.00	0.00	11.49	8.92	2.00	0.00	1.00	0.00
11.50	8.83	2.00	0.00	1.00	0.00	11.51	8.82	2.00	0.00	1.00	0.00
11.52	8.68	2.00	0.00	1.00	0.00	11.53	8.40	2.00	0.00	1.00	0.00
11.54	8.03	2.00	0.00	1.00	0.00	11.55	7.76	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	7.75	2.00	0.00	1.00	0.00	11.57	7.48	2.00	0.00	1.00	0.00
11.58	7.33	2.00	0.00	1.00	0.00	11.59	6.92	2.00	0.00	1.00	0.00
11.60	6.87	2.00	0.00	1.00	0.00	11.61	6.45	2.00	0.00	1.00	0.00
11.62	6.45	2.00	0.00	1.00	0.00	11.63	6.27	2.00	0.00	1.00	0.00
11.64	5.95	2.00	0.00	1.00	0.00	11.65	5.63	2.00	0.00	1.00	0.00
11.66	5.40	2.00	0.00	1.00	0.00	11.67	5.17	2.00	0.00	1.00	0.00
11.68	5.17	2.00	0.00	1.00	0.00	11.69	4.94	2.00	0.00	1.00	0.00
11.70	4.75	2.00	0.00	1.00	0.00	11.71	4.61	2.00	0.00	1.00	0.00
11.72	4.53	2.00	0.00	1.00	0.00	11.73	4.52	2.00	0.00	1.00	0.00
11.74	4.64	2.00	0.00	1.00	0.00	11.75	4.64	2.00	0.00	1.00	0.00
11.76	4.97	2.00	0.00	1.00	0.00	11.77	4.92	2.00	0.00	1.00	0.00
11.78	4.74	2.00	0.00	1.00	0.00	11.79	4.74	2.00	0.00	1.00	0.00
11.80	4.60	2.00	0.00	1.00	0.00	11.81	4.60	2.00	0.00	1.00	0.00
11.82	4.59	2.00	0.00	1.00	0.00	11.83	4.69	2.00	0.00	1.00	0.00
11.84	4.69	2.00	0.00	1.00	0.00	11.85	4.82	2.00	0.00	1.00	0.00
11.86	5.22	2.00	0.00	1.00	0.00	11.87	5.35	2.00	0.00	1.00	0.00
11.88	5.62	2.00	0.00	1.00	0.00	11.89	5.62	2.00	0.00	1.00	0.00
11.90	5.75	2.00	0.00	1.00	0.00	11.91	5.80	2.00	0.00	1.00	0.00
11.92	5.97	2.00	0.00	1.00	0.00	11.93	5.93	2.00	0.00	1.00	0.00
11.94	5.93	2.00	0.00	1.00	0.00	11.95	5.92	2.00	0.00	1.00	0.00
11.96	5.92	2.00	0.00	1.00	0.00	11.97	6.28	2.00	0.00	1.00	0.00
11.98	6.55	2.00	0.00	1.00	0.00	11.99	6.76	2.00	0.00	1.00	0.00
12.00	6.76	2.00	0.00	1.00	0.00	12.01	6.85	2.00	0.00	1.00	0.00
12.02	6.94	2.00	0.00	1.00	0.00	12.03	7.34	2.00	0.00	1.00	0.00
12.04	7.38	2.00	0.00	1.00	0.00	12.05	7.15	2.00	0.00	1.00	0.00
12.06	7.15	2.00	0.00	1.00	0.00	12.07	7.01	2.00	0.00	1.00	0.00
12.08	6.96	2.00	0.00	1.00	0.00	12.09	7.09	2.00	0.00	1.00	0.00
12.10	7.19	2.00	0.00	1.00	0.00	12.11	7.18	2.00	0.00	1.00	0.00
12.12	7.35	2.00	0.00	1.00	0.00	12.13	7.45	2.00	0.00	1.00	0.00
12.14	7.58	2.00	0.00	1.00	0.00	12.15	7.61	2.00	0.00	1.00	0.00
12.16	7.53	2.00	0.00	1.00	0.00	12.17	7.52	2.00	0.00	1.00	0.00
12.18	7.38	2.00	0.00	1.00	0.00	12.19	7.33	2.00	0.00	1.00	0.00
12.20	7.33	2.00	0.00	1.00	0.00	12.21	7.46	2.00	0.00	1.00	0.00
12.22	7.46	2.00	0.00	1.00	0.00	12.23	7.42	2.00	0.00	1.00	0.00
12.24	7.41	2.00	0.00	1.00	0.00	12.25	7.36	2.00	0.00	1.00	0.00
12.26	7.31	2.00	0.00	1.00	0.00	12.27	7.09	2.00	0.00	1.00	0.00
12.28	7.09	2.00	0.00	1.00	0.00	12.29	7.04	2.00	0.00	1.00	0.00
12.30	7.00	2.00	0.00	1.00	0.00	12.31	6.73	2.00	0.00	1.00	0.00
12.32	6.64	2.00	0.00	1.00	0.00	12.33	6.45	2.00	0.00	1.00	0.00
12.34	6.45	2.00	0.00	1.00	0.00	12.35	6.32	2.00	0.00	1.00	0.00
12.36	6.23	2.00	0.00	1.00	0.00	12.37	6.26	2.00	0.00	1.00	0.00
12.38	6.53	2.00	0.00	1.00	0.00	12.39	6.53	2.00	0.00	1.00	0.00
12.40	6.57	2.00	0.00	1.00	0.00	12.41	6.57	2.00	0.00	1.00	0.00
12.42	6.87	2.00	0.00	1.00	0.00	12.43	7.00	2.00	0.00	1.00	0.00
12.44	7.18	2.00	0.00	1.00	0.00	12.45	7.17	2.00	0.00	1.00	0.00
12.46	7.22	2.00	0.00	1.00	0.00	12.47	7.22	2.00	0.00	1.00	0.00
12.48	7.25	2.00	0.00	1.00	0.00	12.49	7.43	2.00	0.00	1.00	0.00
12.50	7.43	2.00	0.00	1.00	0.00	12.51	7.42	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	7.37	2.00	0.00	1.00	0.00	12.53	7.37	2.00	0.00	1.00	0.00
12.54	7.41	2.00	0.00	1.00	0.00	12.55	7.54	2.00	0.00	1.00	0.00
12.56	7.54	2.00	0.00	1.00	0.00	12.57	7.54	2.00	0.00	1.00	0.00
12.58	7.67	2.00	0.00	1.00	0.00	12.59	7.75	2.00	0.00	1.00	0.00
12.60	7.79	2.00	0.00	1.00	0.00	12.61	7.96	2.00	0.00	1.00	0.00
12.62	7.96	2.00	0.00	1.00	0.00	12.63	8.09	2.00	0.00	1.00	0.00
12.64	8.26	2.00	0.00	1.00	0.00	12.65	8.39	2.00	0.00	1.00	0.00
12.66	8.43	2.00	0.00	1.00	0.00	12.67	8.43	2.00	0.00	1.00	0.00
12.68	8.51	2.00	0.00	1.00	0.00	12.69	8.68	2.00	0.00	1.00	0.00
12.70	9.03	2.00	0.00	1.00	0.00	12.71	9.16	2.00	0.00	1.00	0.00
12.72	9.37	2.00	0.00	1.00	0.00	12.73	9.37	2.00	0.00	1.00	0.00
12.74	9.24	2.00	0.00	1.00	0.00	12.75	9.24	2.00	0.00	1.00	0.00
12.76	9.36	2.00	0.00	1.00	0.00	12.77	9.35	2.00	0.00	1.00	0.00
12.78	9.44	2.00	0.00	1.00	0.00	12.79	9.43	2.00	0.00	1.00	0.00
12.80	9.56	2.00	0.00	1.00	0.00	12.81	9.60	2.00	0.00	1.00	0.00
12.82	9.37	2.00	0.00	1.00	0.00	12.83	9.37	2.00	0.00	1.00	0.00
12.84	9.07	2.00	0.00	1.00	0.00	12.85	8.98	2.00	0.00	1.00	0.00
12.86	8.88	2.00	0.00	1.00	0.00	12.87	9.01	2.00	0.00	1.00	0.00
12.88	9.00	2.00	0.00	1.00	0.00	12.89	8.87	2.00	0.00	1.00	0.00
12.90	8.74	2.00	0.00	1.00	0.00	12.91	8.17	2.00	0.00	1.00	0.00
12.92	8.12	2.00	0.00	1.00	0.00	12.93	8.12	2.00	0.00	1.00	0.00
12.94	8.12	2.00	0.00	1.00	0.00	12.95	8.08	2.00	0.00	1.00	0.00
12.96	7.72	2.00	0.00	1.00	0.00	12.97	7.63	2.00	0.00	1.00	0.00
12.98	7.20	2.00	0.00	1.00	0.00	12.99	7.20	2.00	0.00	1.00	0.00
13.00	6.84	2.00	0.00	1.00	0.00	13.01	6.63	2.00	0.00	1.00	0.00
13.02	6.41	2.00	0.00	1.00	0.00	13.03	6.28	2.00	0.00	1.00	0.00
13.04	6.27	2.00	0.00	1.00	0.00	13.05	6.23	2.00	0.00	1.00	0.00
13.06	6.19	2.00	0.00	1.00	0.00	13.07	6.14	2.00	0.00	1.00	0.00
13.08	6.05	2.00	0.00	1.00	0.00	13.09	6.05	2.00	0.00	1.00	0.00
13.10	5.87	2.00	0.00	1.00	0.00	13.11	5.79	2.00	0.00	1.00	0.00
13.12	5.48	2.00	0.00	1.00	0.00	13.13	5.61	2.00	0.00	1.00	0.00
13.14	5.57	2.00	0.00	1.00	0.00	13.15	5.57	2.00	0.00	1.00	0.00
13.16	5.56	2.00	0.00	1.00	0.00	13.17	5.64	2.00	0.00	1.00	0.00
13.18	5.68	2.00	0.00	1.00	0.00	13.19	5.81	2.00	0.00	1.00	0.00
13.20	5.80	2.00	0.00	1.00	0.00	13.21	5.85	2.00	0.00	1.00	0.00
13.22	5.76	2.00	0.00	1.00	0.00	13.23	5.71	2.00	0.00	1.00	0.00
13.24	5.71	2.00	0.00	1.00	0.00	13.25	5.71	2.00	0.00	1.00	0.00
13.26	5.63	2.00	0.00	1.00	0.00	13.27	5.62	2.00	0.00	1.00	0.00
13.28	5.70	2.00	0.00	1.00	0.00	13.29	5.88	2.00	0.00	1.00	0.00
13.30	6.04	2.00	0.00	1.00	0.00	13.31	6.04	2.00	0.00	1.00	0.00
13.32	6.21	2.00	0.00	1.00	0.00	13.33	6.16	2.00	0.00	1.00	0.00
13.34	6.21	2.00	0.00	1.00	0.00	13.35	6.20	2.00	0.00	1.00	0.00
13.36	6.20	2.00	0.00	1.00	0.00	13.37	6.28	2.00	0.00	1.00	0.00
13.38	6.28	2.00	0.00	1.00	0.00	13.39	6.32	2.00	0.00	1.00	0.00
13.40	6.32	2.00	0.00	1.00	0.00	13.41	6.53	2.00	0.00	1.00	0.00
13.42	6.53	2.00	0.00	1.00	0.00	13.43	6.57	2.00	0.00	1.00	0.00
13.44	6.95	2.00	0.00	1.00	0.00	13.45	6.99	2.00	0.00	1.00	0.00
13.46	7.24	2.00	0.00	1.00	0.00	13.47	7.24	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	7.23	2.00	0.00	1.00	0.00	13.49	7.32	2.00	0.00	1.00	0.00
13.50	7.40	2.00	0.00	1.00	0.00	13.51	7.40	2.00	0.00	1.00	0.00
13.52	7.43	2.00	0.00	1.00	0.00	13.53	7.43	2.00	0.00	1.00	0.00
13.54	7.52	2.00	0.00	1.00	0.00	13.55	7.60	2.00	0.00	1.00	0.00
13.56	7.68	2.00	0.00	1.00	0.00	13.57	7.72	2.00	0.00	1.00	0.00
13.58	7.72	2.00	0.00	1.00	0.00	13.59	7.71	2.00	0.00	1.00	0.00
13.60	7.84	2.00	0.00	1.00	0.00	13.61	8.04	2.00	0.00	1.00	0.00
13.62	8.17	2.00	0.00	1.00	0.00	13.63	8.46	2.00	0.00	1.00	0.00
13.64	8.46	2.00	0.00	1.00	0.00	13.65	8.71	2.00	0.00	1.00	0.00
13.66	9.30	2.00	0.00	1.00	0.00	13.67	9.55	2.00	0.00	1.00	0.00
13.68	10.17	2.00	0.00	1.00	0.00	13.69	10.17	2.00	0.00	1.00	0.00
13.70	10.47	2.00	0.00	1.00	0.00	13.71	10.67	2.00	0.00	1.00	0.00
13.72	11.64	2.00	0.00	1.00	0.00	13.73	12.06	2.00	0.00	1.00	0.00
13.74	13.41	2.00	0.00	1.00	0.00	13.75	13.40	2.00	0.00	1.00	0.00
13.76	13.57	2.00	0.00	1.00	0.00	13.77	13.90	2.00	0.00	1.00	0.00
13.78	14.15	2.00	0.00	1.00	0.00	13.79	14.48	2.00	0.00	1.00	0.00
13.80	14.57	2.00	0.00	1.00	0.00	13.81	14.85	2.00	0.00	1.00	0.00
13.82	14.85	2.00	0.00	1.00	0.00	13.83	14.97	2.00	0.00	1.00	0.00
13.84	15.39	2.00	0.00	1.00	0.00	13.85	15.55	2.00	0.00	1.00	0.00
13.86	15.25	2.00	0.00	1.00	0.00	13.87	15.24	2.00	0.00	1.00	0.00
13.88	15.19	2.00	0.00	1.00	0.00	13.89	14.80	2.00	0.00	1.00	0.00
13.90	14.64	2.00	0.00	1.00	0.00	13.91	14.50	2.00	0.00	1.00	0.00
13.92	14.50	2.00	0.00	1.00	0.00	13.93	14.32	2.00	0.00	1.00	0.00
13.94	14.19	2.00	0.00	1.00	0.00	13.95	14.48	2.00	0.00	1.00	0.00
13.96	14.85	2.00	0.00	1.00	0.00	13.97	14.85	2.00	0.00	1.00	0.00
13.98	15.05	2.00	0.00	1.00	0.00	13.99	15.04	2.00	0.00	1.00	0.00
14.00	15.54	2.00	0.00	1.00	0.00	14.01	15.57	2.00	0.00	1.00	0.00
14.02	15.66	2.00	0.00	1.00	0.00	14.03	15.65	2.00	0.00	1.00	0.00
14.04	14.84	2.00	0.00	1.00	0.00	14.05	13.62	2.00	0.00	1.00	0.00
14.06	13.07	2.00	0.00	1.00	0.00	14.07	12.64	2.00	0.00	1.00	0.00
14.08	12.64	2.00	0.00	1.00	0.00	14.09	12.38	2.00	0.00	1.00	0.00
14.10	12.55	2.00	0.00	1.00	0.00	14.11	12.54	2.00	0.00	1.00	0.00
14.12	12.41	2.00	0.00	1.00	0.00	14.13	12.41	2.00	0.00	1.00	0.00
14.14	12.19	2.00	0.00	1.00	0.00	14.15	12.31	2.00	0.00	1.00	0.00
14.16	12.72	2.00	0.00	1.00	0.00	14.17	13.09	2.00	0.00	1.00	0.00
14.18	13.42	2.00	0.00	1.00	0.00	14.19	13.41	2.00	0.00	1.00	0.00
14.20	13.25	2.00	0.00	1.00	0.00	14.21	12.95	2.00	0.00	1.00	0.00
14.22	12.73	2.00	0.00	1.00	0.00	14.23	12.35	2.00	0.00	1.00	0.00
14.24	12.35	2.00	0.00	1.00	0.00	14.25	12.06	2.00	0.00	1.00	0.00
14.26	11.71	2.00	0.00	1.00	0.00	14.27	11.22	2.00	0.00	1.00	0.00
14.28	10.80	2.00	0.00	1.00	0.00	14.29	10.79	2.00	0.00	1.00	0.00
14.30	10.54	2.00	0.00	1.00	0.00	14.31	10.45	2.00	0.00	1.00	0.00
14.32	10.03	2.00	0.00	1.00	0.00	14.33	9.99	2.00	0.00	1.00	0.00
14.34	9.87	2.00	0.00	1.00	0.00	14.35	9.86	2.00	0.00	1.00	0.00
14.36	9.77	2.00	0.00	1.00	0.00	14.37	9.56	2.00	0.00	1.00	0.00
14.38	9.43	2.00	0.00	1.00	0.00	14.39	9.43	2.00	0.00	1.00	0.00
14.40	9.30	2.00	0.00	1.00	0.00	14.41	9.22	2.00	0.00	1.00	0.00
14.42	9.26	2.00	0.00	1.00	0.00	14.43	9.29	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.29	2.00	0.00	1.00	0.00	14.45	9.28	2.00	0.00	1.00	0.00
14.46	9.25	2.00	0.00	1.00	0.00	14.47	9.37	2.00	0.00	1.00	0.00
14.48	9.32	2.00	0.00	1.00	0.00	14.49	9.48	2.00	0.00	1.00	0.00
14.50	9.48	2.00	0.00	1.00	0.00	14.51	9.51	2.00	0.00	1.00	0.00
14.52	9.59	2.00	0.00	1.00	0.00	14.53	9.42	2.00	0.00	1.00	0.00
14.54	9.54	2.00	0.00	1.00	0.00	14.55	9.42	2.00	0.00	1.00	0.00
14.56	9.41	2.00	0.00	1.00	0.00	14.57	9.49	2.00	0.00	1.00	0.00
14.58	9.53	2.00	0.00	1.00	0.00	14.59	9.68	2.00	0.00	1.00	0.00
14.60	9.64	2.00	0.00	1.00	0.00	14.61	9.64	2.00	0.00	1.00	0.00
14.62	9.55	2.00	0.00	1.00	0.00	14.63	9.14	2.00	0.00	1.00	0.00
14.64	9.06	2.00	0.00	1.00	0.00	14.65	8.77	2.00	0.00	1.00	0.00
14.66	8.76	2.00	0.00	1.00	0.00	14.67	8.64	2.00	0.00	1.00	0.00
14.68	8.23	2.00	0.00	1.00	0.00	14.69	8.27	2.00	0.00	1.00	0.00
14.70	8.18	2.00	0.00	1.00	0.00	14.71	8.18	2.00	0.00	1.00	0.00
14.72	8.10	2.00	0.00	1.00	0.00	14.73	8.25	2.00	0.00	1.00	0.00
14.74	8.25	2.00	0.00	1.00	0.00	14.75	8.17	2.00	0.00	1.00	0.00
14.76	8.21	2.00	0.00	1.00	0.00	14.77	8.21	2.00	0.00	1.00	0.00
14.78	8.12	2.00	0.00	1.00	0.00	14.79	8.08	2.00	0.00	1.00	0.00
14.80	7.95	2.00	0.00	1.00	0.00	14.81	7.86	2.00	0.00	1.00	0.00
14.82	7.86	2.00	0.00	1.00	0.00	14.83	7.75	2.00	0.00	1.00	0.00
14.84	7.62	2.00	0.00	1.00	0.00	14.85	7.58	2.00	0.00	1.00	0.00
14.86	7.49	2.00	0.00	1.00	0.00	14.87	7.49	2.00	0.00	1.00	0.00
14.88	7.49	2.00	0.00	1.00	0.00	14.89	7.40	2.00	0.00	1.00	0.00
14.90	7.44	2.00	0.00	1.00	0.00	14.91	7.39	2.00	0.00	1.00	0.00
14.92	7.56	2.00	0.00	1.00	0.00	14.93	7.55	2.00	0.00	1.00	0.00
14.94	7.59	2.00	0.00	1.00	0.00	14.95	7.55	2.00	0.00	1.00	0.00
14.96	7.59	2.00	0.00	1.00	0.00	14.97	7.59	2.00	0.00	1.00	0.00
14.98	7.71	2.00	0.00	1.00	0.00	14.99	7.90	2.00	0.00	1.00	0.00
15.00	7.93	2.00	0.00	1.00	0.00	15.01	7.93	2.00	0.00	1.00	0.00
15.02	7.93	2.00	0.00	1.00	0.00	15.03	8.05	2.00	0.00	1.00	0.00
15.04	8.21	2.00	0.00	1.00	0.00	15.05	8.33	2.00	0.00	1.00	0.00
15.06	8.28	2.00	0.00	1.00	0.00	15.07	8.16	2.00	0.00	1.00	0.00
15.08	8.15	2.00	0.00	1.00	0.00	15.09	8.27	2.00	0.00	1.00	0.00
15.10	8.39	2.00	0.00	1.00	0.00	15.11	8.43	2.00	0.00	1.00	0.00
15.12	8.43	2.00	0.00	1.00	0.00	15.13	8.42	2.00	0.00	1.00	0.00
15.14	8.42	2.00	0.00	1.00	0.00	15.15	8.42	2.00	0.00	1.00	0.00
15.16	8.46	2.00	0.00	1.00	0.00	15.17	8.57	2.00	0.00	1.00	0.00
15.18	8.56	2.00	0.00	1.00	0.00	15.19	8.68	2.00	0.00	1.00	0.00
15.20	8.56	2.00	0.00	1.00	0.00	15.21	8.55	2.00	0.00	1.00	0.00
15.22	8.59	2.00	0.00	1.00	0.00	15.23	8.59	2.00	0.00	1.00	0.00
15.24	8.47	2.00	0.00	1.00	0.00	15.25	8.15	2.00	0.00	1.00	0.00
15.26	8.10	2.00	0.00	1.00	0.00	15.27	8.07	2.00	0.00	1.00	0.00
15.28	8.06	2.00	0.00	1.00	0.00	15.29	7.85	2.00	0.00	1.00	0.00
15.30	7.70	2.00	0.00	1.00	0.00	15.31	7.22	2.00	0.00	1.00	0.00
15.32	7.29	2.00	0.00	1.00	0.00	15.33	7.17	2.00	0.00	1.00	0.00
15.34	7.17	2.00	0.00	1.00	0.00	15.35	7.28	2.00	0.00	1.00	0.00
15.36	7.32	2.00	0.00	1.00	0.00	15.37	7.32	2.00	0.00	1.00	0.00
15.38	7.32	2.00	0.00	1.00	0.00	15.39	7.20	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

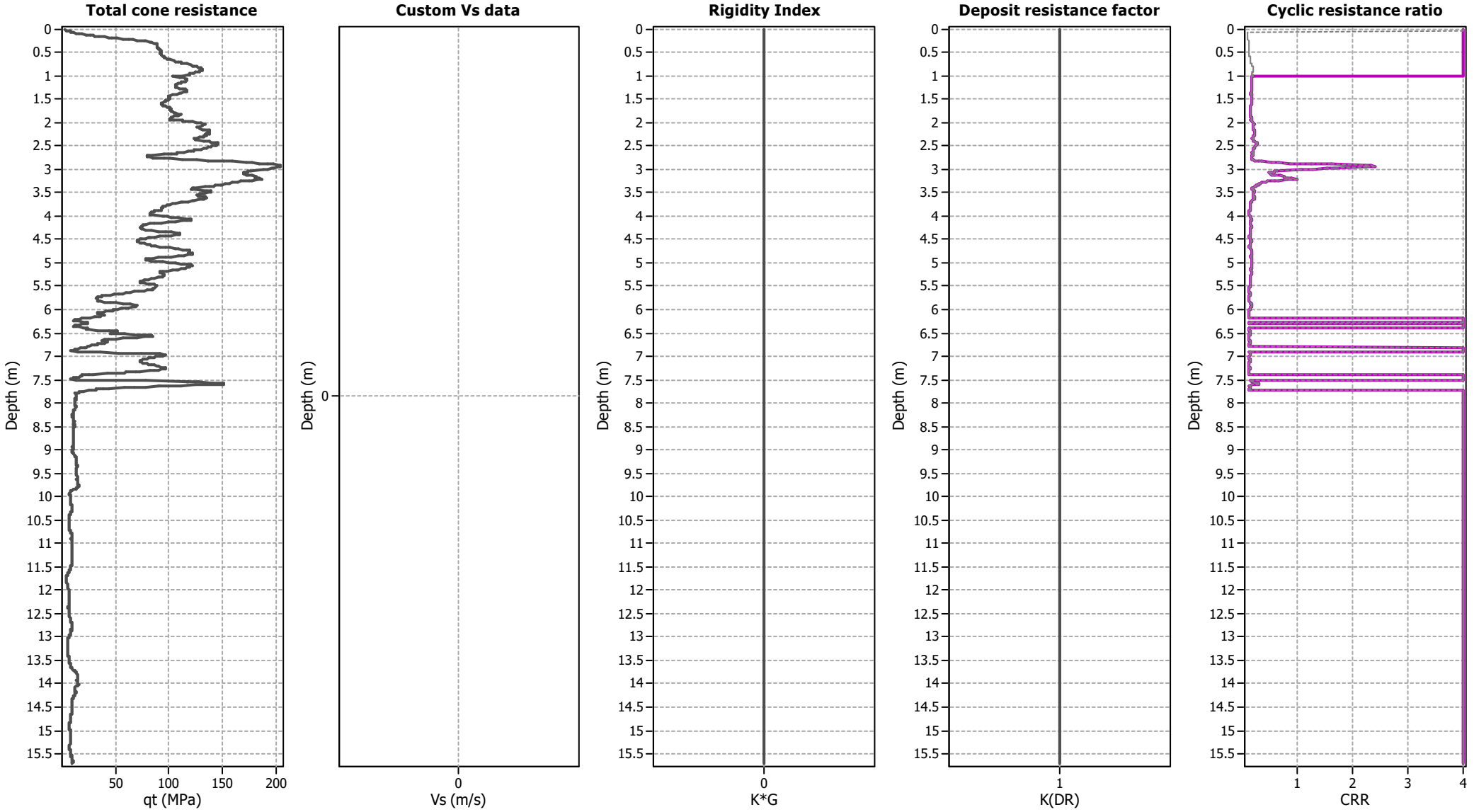
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	7.31	2.00	0.00	1.00	0.00	15.41	7.31	2.00	0.00	1.00	0.00
15.42	7.70	2.00	0.00	1.00	0.00	15.43	7.70	2.00	0.00	1.00	0.00
15.44	7.81	2.00	0.00	1.00	0.00	15.45	7.93	2.00	0.00	1.00	0.00
15.46	8.29	2.00	0.00	1.00	0.00	15.47	8.48	2.00	0.00	1.00	0.00
15.48	8.83	2.00	0.00	1.00	0.00	15.49	8.83	2.00	0.00	1.00	0.00
15.50	8.95	2.00	0.00	1.00	0.00	15.51	8.99	2.00	0.00	1.00	0.00
15.52	8.86	2.00	0.00	1.00	0.00	15.53	9.02	2.00	0.00	1.00	0.00
15.54	9.02	2.00	0.00	1.00	0.00	15.55	8.97	2.00	0.00	1.00	0.00
15.56	9.05	2.00	0.00	1.00	0.00	15.57	9.04	2.00	0.00	1.00	0.00
15.58	9.28	2.00	0.00	1.00	0.00	15.59	9.28	2.00	0.00	1.00	0.00
15.60	9.31	2.00	0.00	1.00	0.00	15.61	9.35	2.00	0.00	1.00	0.00
15.62	9.55	2.00	0.00	1.00	0.00	15.63	9.90	2.00	0.00	1.00	0.00
15.64	10.41	2.00	0.00	1.00	0.00	15.65	10.40	2.00	0.00	1.00	0.00
15.66	10.28	2.00	0.00	1.00	0.00	15.67	10.40	2.00	0.00	1.00	0.00
15.68	10.27	2.00	0.00	1.00	0.00	15.69	10.15	2.00	0.00	1.00	0.00
15.70	10.15	2.00	0.00	1.00	0.00	15.71	9.98	2.00	0.00	1.00	0.00

Total estimated settlement: 14.45

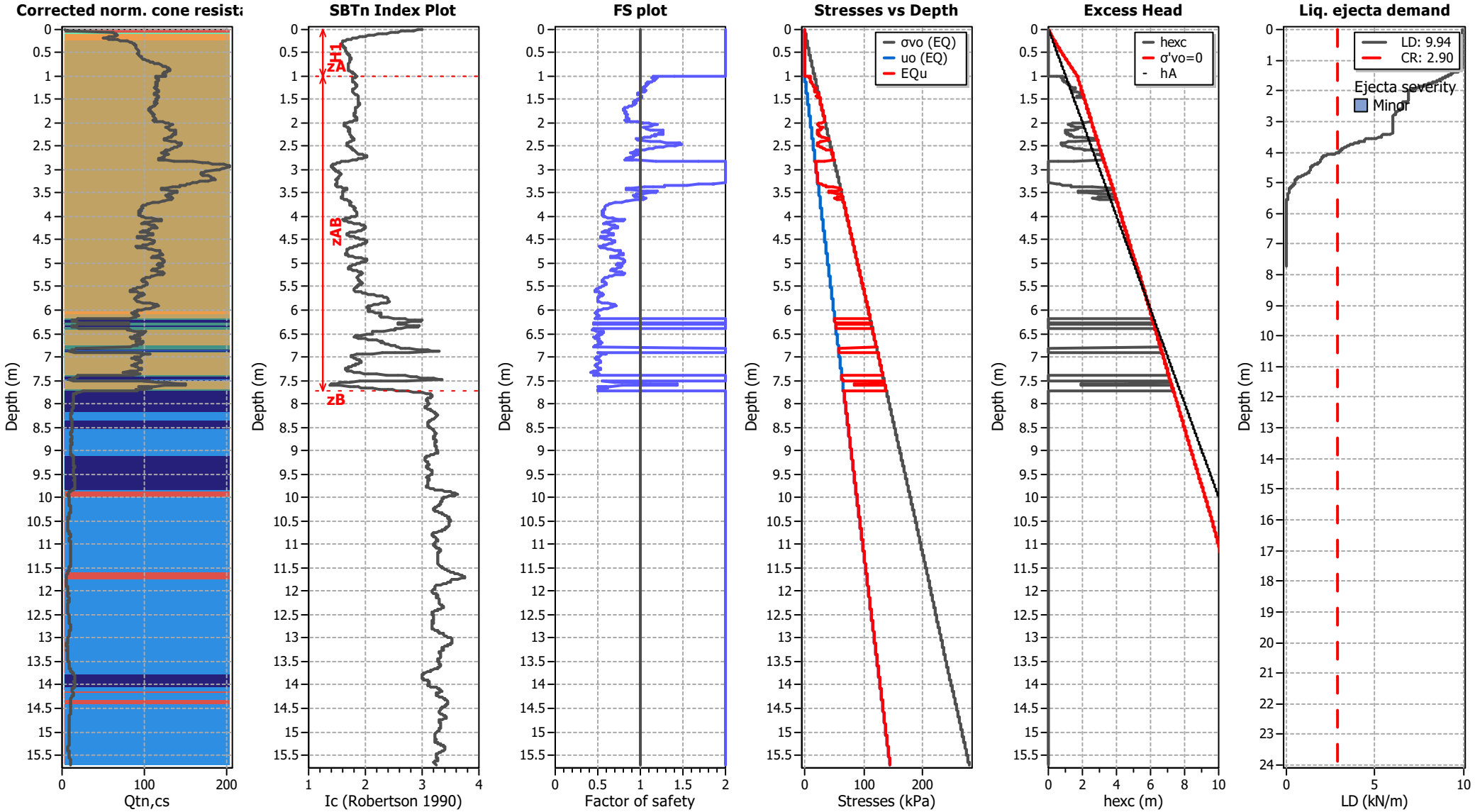
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



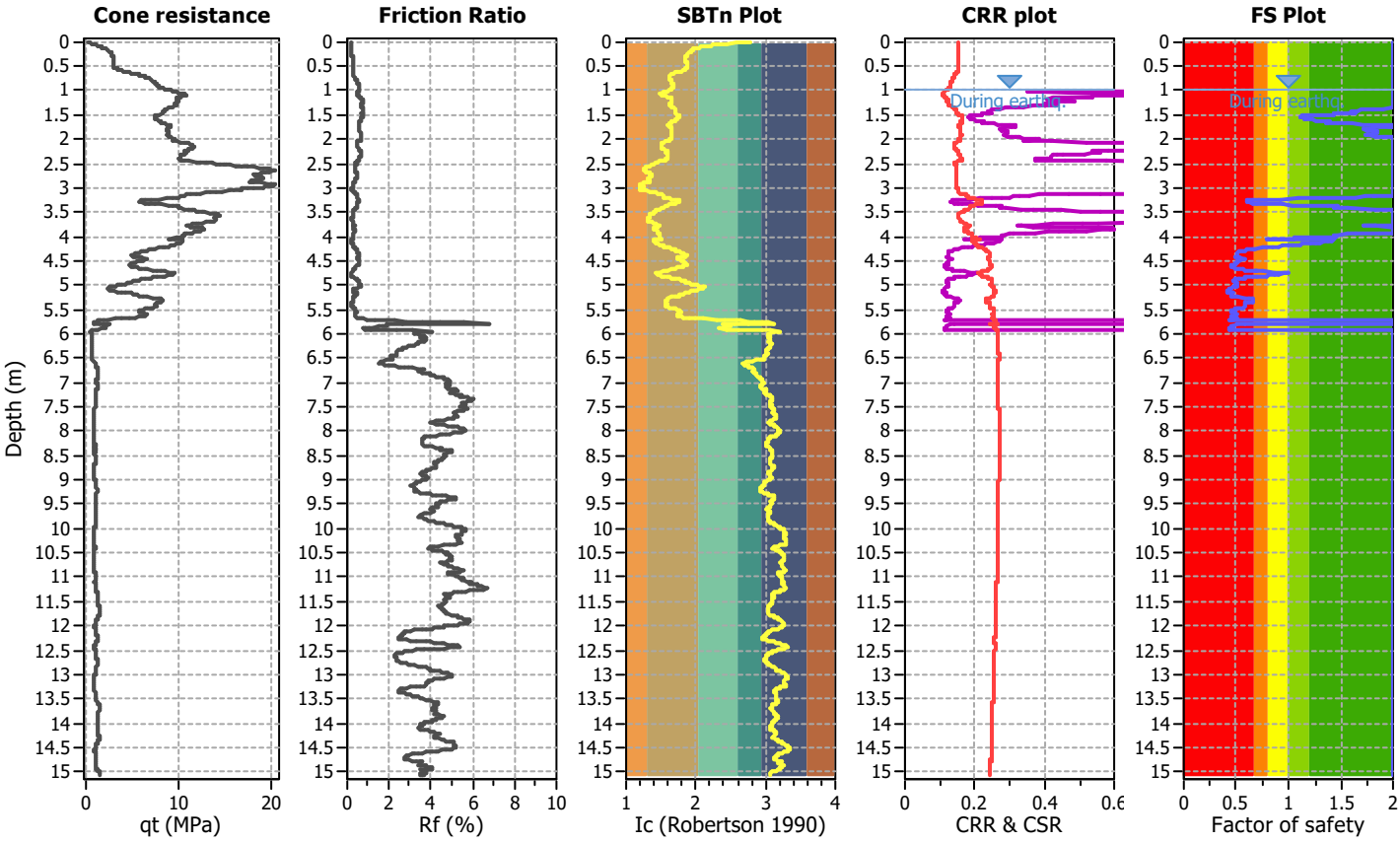
LIQUEFACTION ANALYSIS REPORT

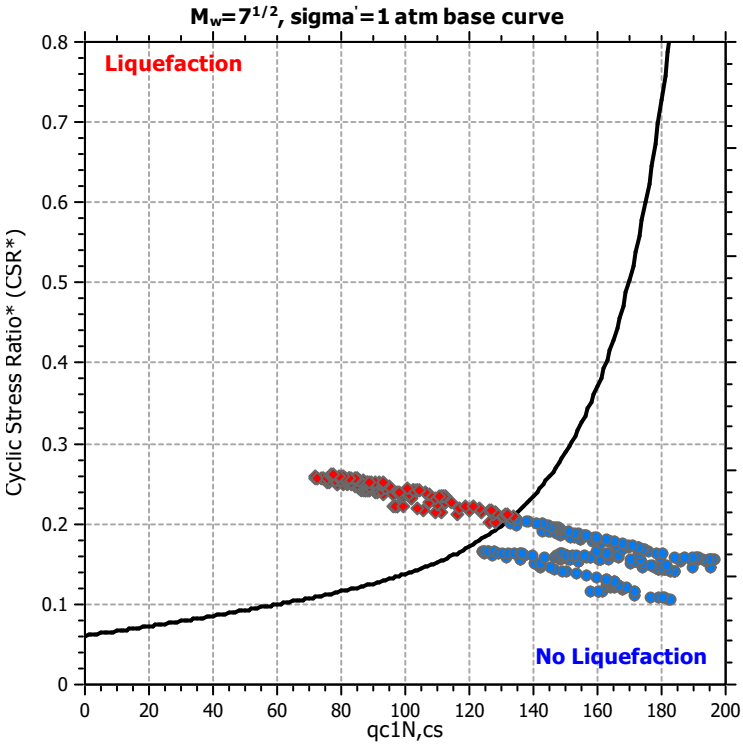
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

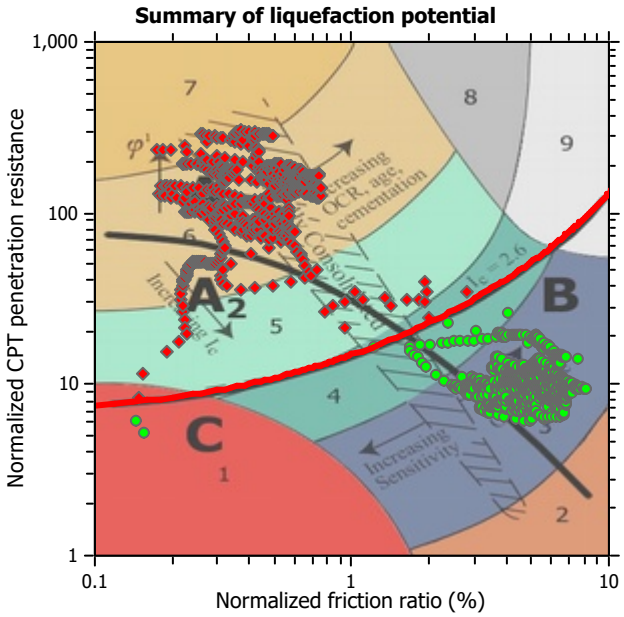
CPT file : 040008P989CPTU990

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

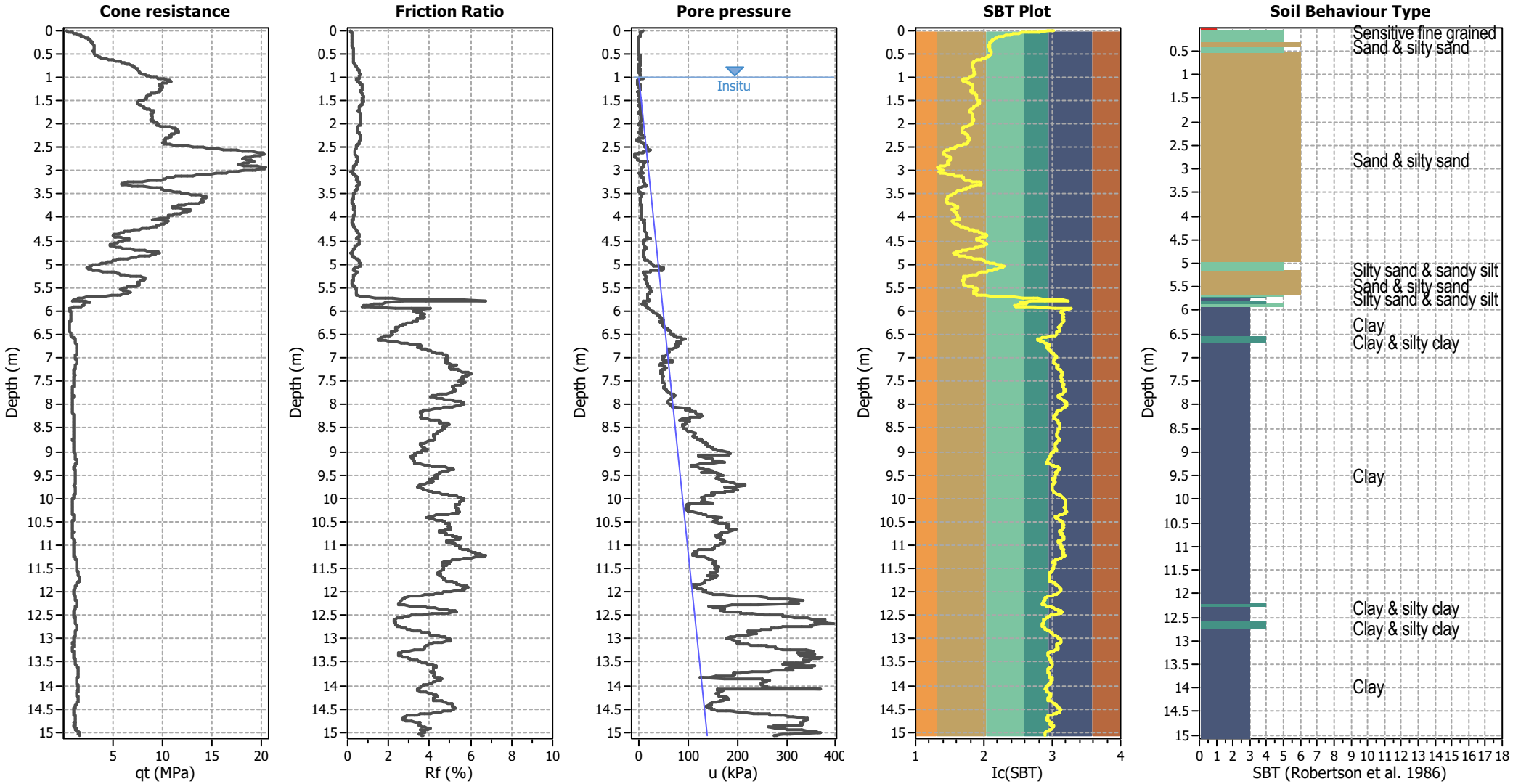






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



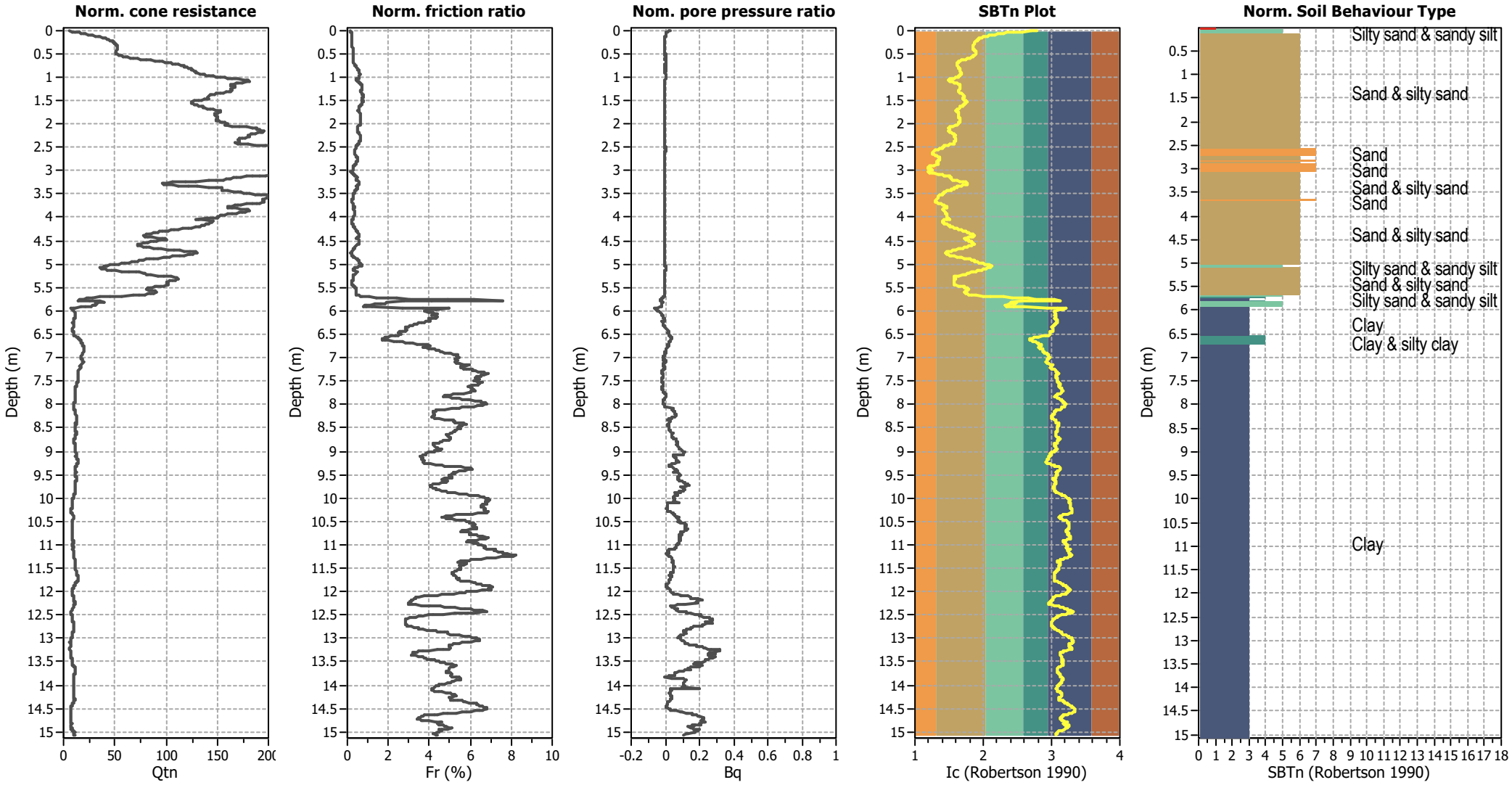
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



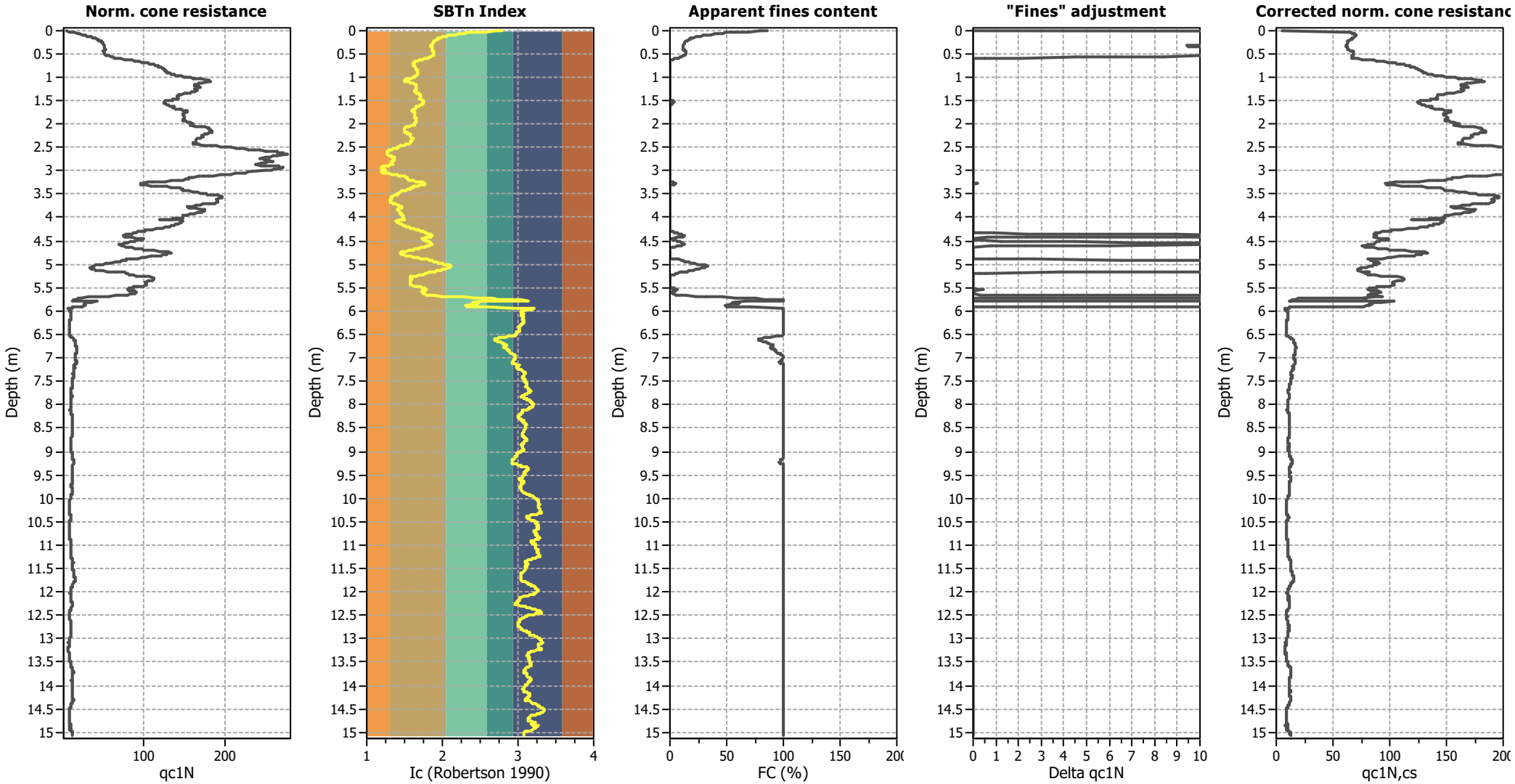
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

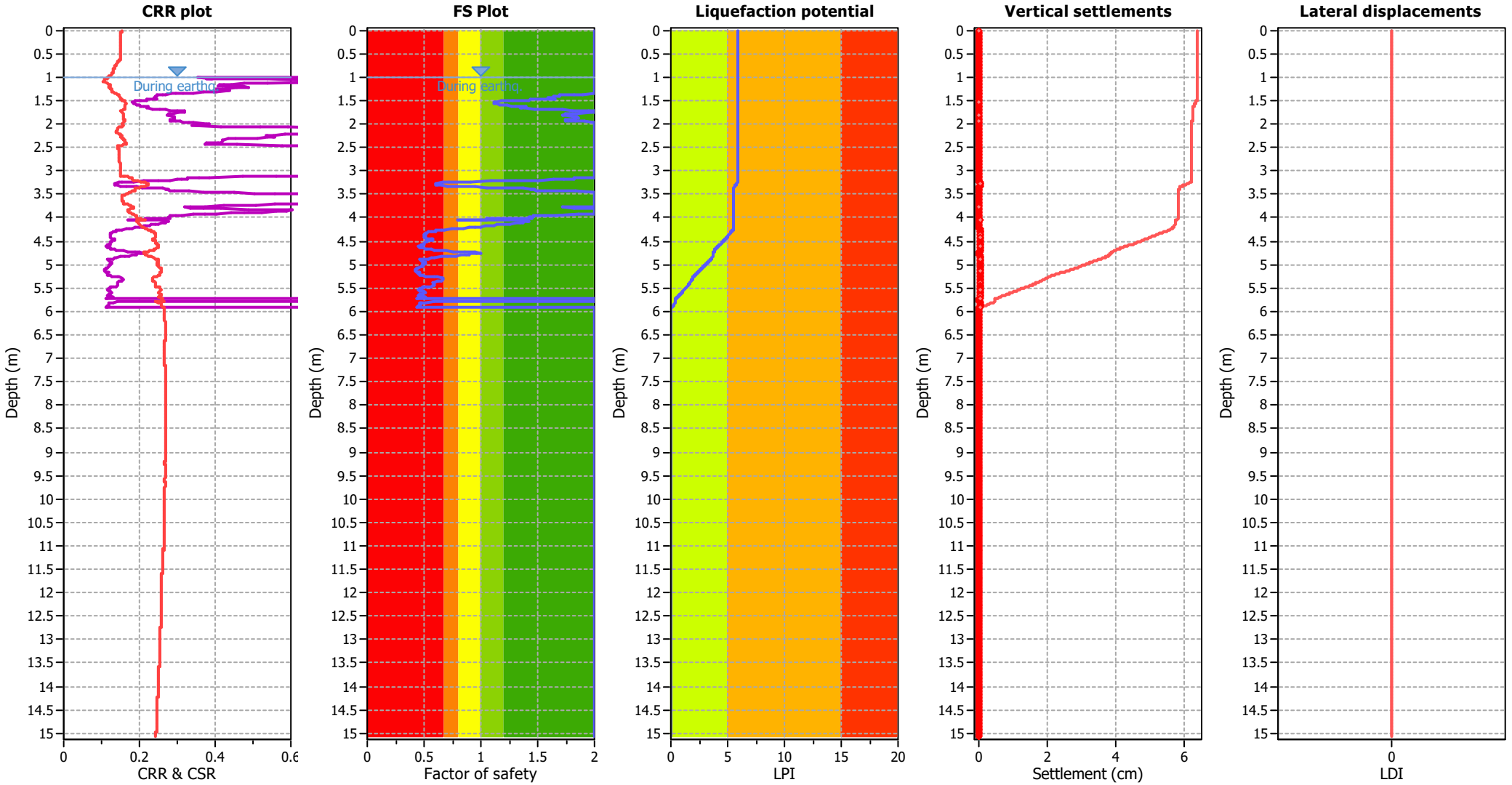
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

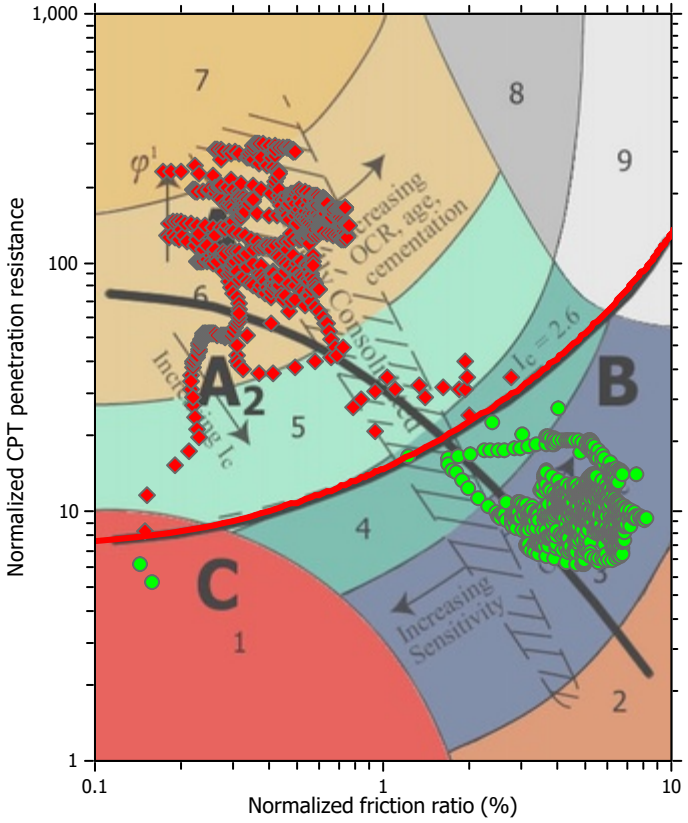
F.S. color scheme

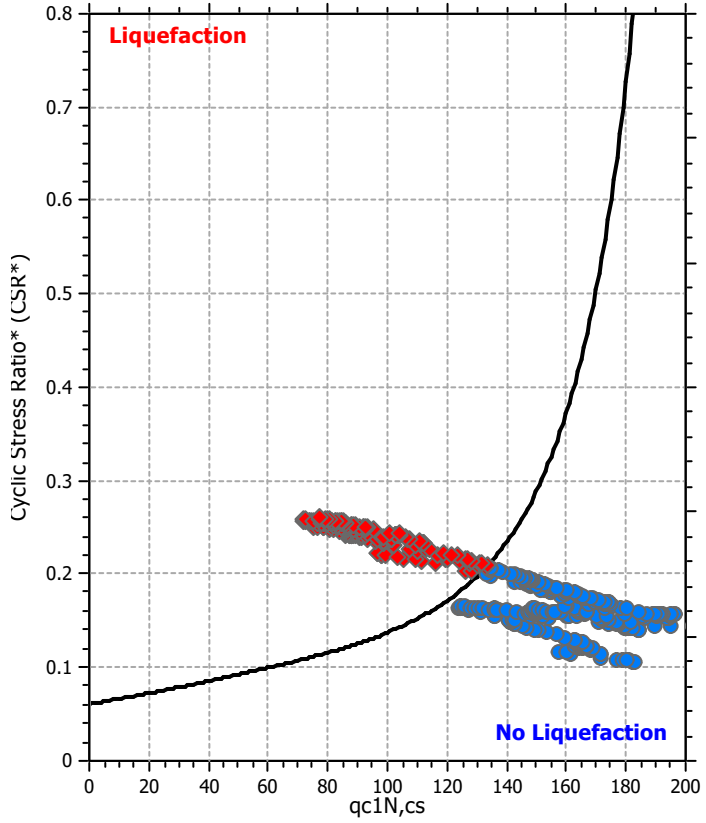
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

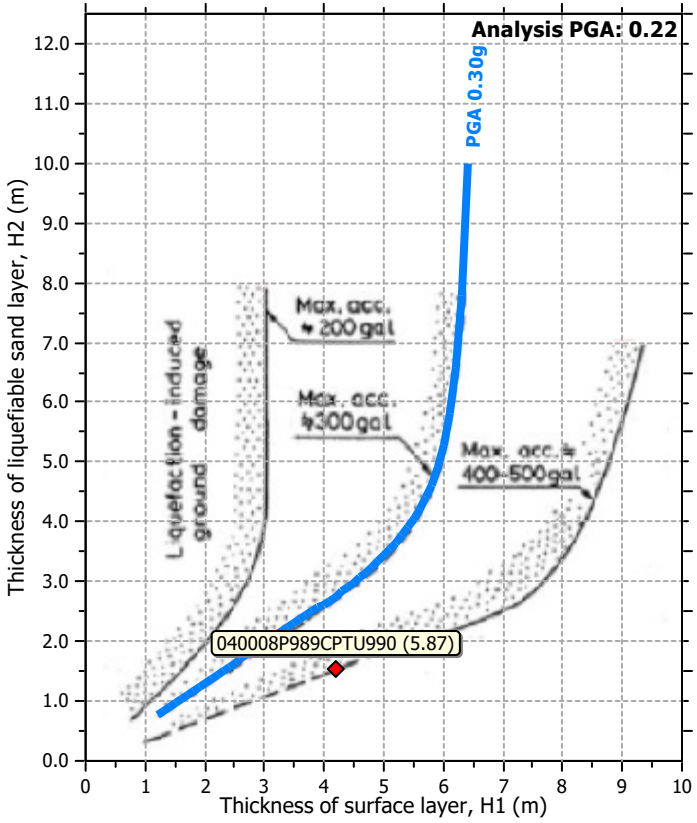
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



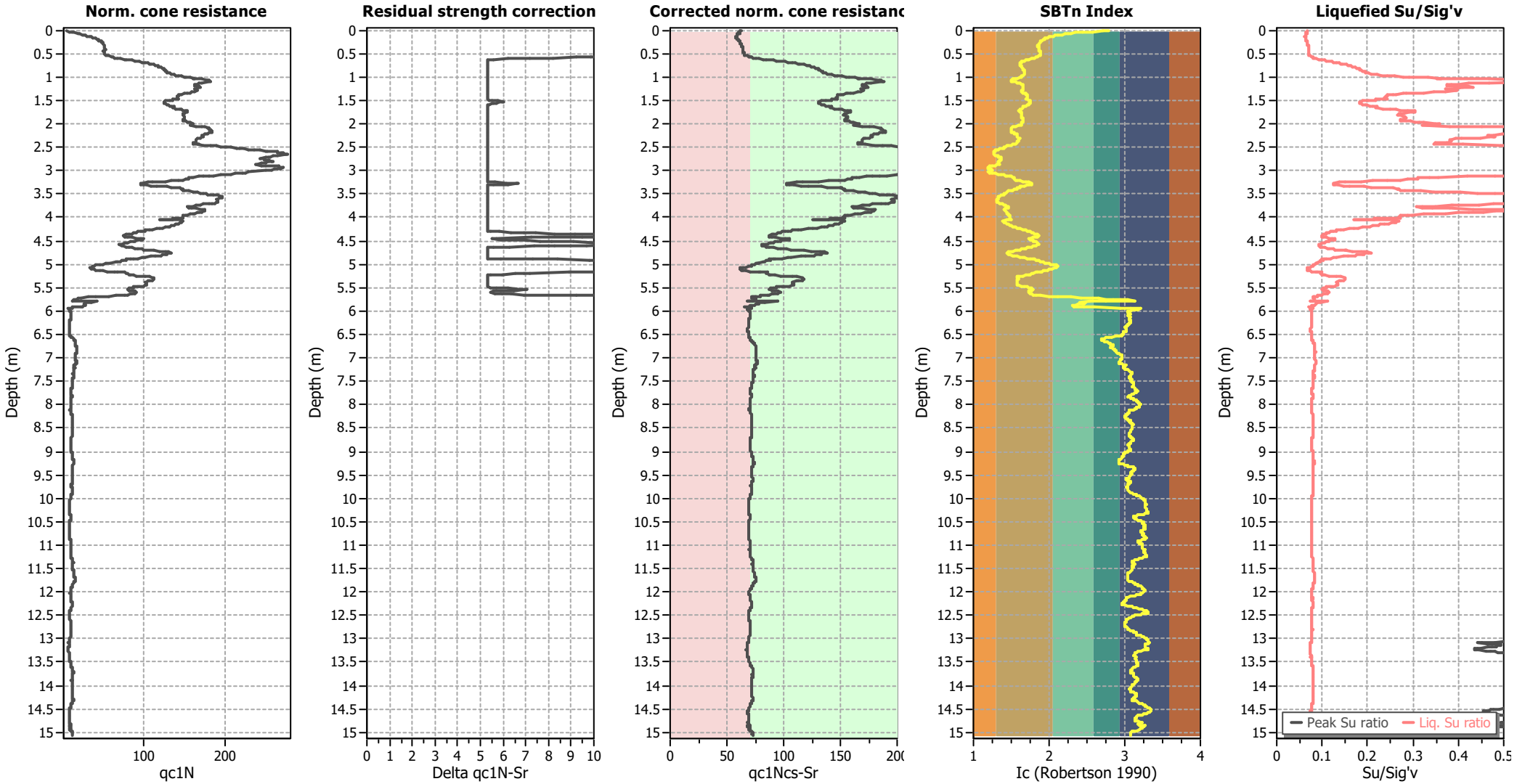




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	2.00	0.00	0.00	0.01	0.00
1.07	2.00	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	2.00	0.00	0.00	0.01	0.00	1.10	2.00	0.00	0.00	0.01	0.00
1.11	2.00	0.00	0.00	0.01	0.00	1.12	2.00	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	2.00	0.00	0.00	0.01	0.00	1.16	2.00	0.00	0.00	0.01	0.00
1.17	2.00	0.00	0.00	0.01	0.00	1.18	2.00	0.00	0.00	0.01	0.00
1.19	2.00	0.00	0.00	0.01	0.00	1.20	2.00	0.00	0.00	0.01	0.00
1.21	2.00	0.00	0.00	0.01	0.00	1.22	2.00	0.00	0.00	0.01	0.00
1.23	2.00	0.00	0.00	0.01	0.00	1.24	2.00	0.00	0.00	0.01	0.00
1.25	2.00	0.00	0.00	0.01	0.00	1.26	2.00	0.00	0.00	0.01	0.00
1.27	2.00	0.00	0.00	0.01	0.00	1.28	2.00	0.00	0.00	0.01	0.00
1.29	2.00	0.00	0.00	0.01	0.00	1.30	2.00	0.00	0.00	0.01	0.00
1.31	2.00	0.00	0.00	0.01	0.00	1.32	2.00	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	2.00	0.00	0.00	0.01	0.00
1.37	1.90	0.00	0.00	0.01	0.00	1.38	1.82	0.00	0.00	0.01	0.00
1.39	1.70	0.00	0.00	0.01	0.00	1.40	1.69	0.00	0.00	0.01	0.00
1.41	1.65	0.00	0.00	0.01	0.00	1.42	1.64	0.00	0.00	0.01	0.00
1.43	1.63	0.00	0.00	0.01	0.00	1.44	1.61	0.00	0.00	0.01	0.00
1.45	1.59	0.00	0.00	0.01	0.00	1.46	1.64	0.00	0.00	0.01	0.00
1.47	1.65	0.00	0.00	0.01	0.00	1.48	1.43	0.00	0.00	0.01	0.00
1.49	1.43	0.00	0.00	0.01	0.00	1.50	1.29	0.00	0.00	0.01	0.00
1.51	1.18	0.00	0.00	0.01	0.00	1.52	1.14	0.00	0.00	0.01	0.00
1.53	1.11	0.00	0.00	0.01	0.00	1.54	1.12	0.00	0.00	0.01	0.00
1.55	1.12	0.00	0.00	0.01	0.00	1.56	1.14	0.00	0.00	0.01	0.00
1.57	1.14	0.00	0.00	0.01	0.00	1.58	1.17	0.00	0.00	0.01	0.00
1.59	1.21	0.00	0.00	0.01	0.00	1.60	1.23	0.00	0.00	0.01	0.00
1.61	1.27	0.00	0.00	0.01	0.00	1.62	1.31	0.00	0.00	0.01	0.00
1.63	1.40	0.00	0.00	0.01	0.00	1.64	1.40	0.00	0.00	0.01	0.00
1.65	1.35	0.00	0.00	0.01	0.00	1.66	1.35	0.00	0.00	0.01	0.00
1.67	1.38	0.00	0.00	0.01	0.00	1.68	1.47	0.00	0.00	0.01	0.00
1.69	1.60	0.00	0.00	0.01	0.00	1.70	1.72	0.00	0.00	0.01	0.00
1.71	1.81	0.00	0.00	0.01	0.00	1.72	1.95	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	1.97	0.00	0.00	0.01	0.00
1.77	1.84	0.00	0.00	0.01	0.00	1.78	1.78	0.00	0.00	0.01	0.00
1.79	1.74	0.00	0.00	0.01	0.00	1.80	1.73	0.00	0.00	0.01	0.00
1.81	1.72	0.00	0.00	0.01	0.00	1.82	1.75	0.00	0.00	0.01	0.00
1.83	1.82	0.00	0.00	0.01	0.00	1.84	1.82	0.00	0.00	0.01	0.00
1.85	1.85	0.00	0.00	0.01	0.00	1.86	1.85	0.00	0.00	0.01	0.00
1.87	1.82	0.00	0.00	0.01	0.00	1.88	1.82	0.00	0.00	0.01	0.00
1.89	1.83	0.00	0.00	0.01	0.00	1.90	1.80	0.00	0.00	0.01	0.00
1.91	1.74	0.00	0.00	0.01	0.00	1.92	1.74	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.76	0.00	0.00	0.01	0.00	1.94	1.84	0.00	0.00	0.01	0.00
1.95	1.91	0.00	0.00	0.01	0.00	1.96	1.99	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	2.00	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	2.00	0.00	0.00	0.01	0.00
2.85	2.00	0.00	0.00	0.01	0.00	2.86	2.00	0.00	0.00	0.01	0.00
2.87	2.00	0.00	0.00	0.01	0.00	2.88	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	2.00	0.00	0.00	0.01	0.00	2.90	2.00	0.00	0.00	0.01	0.00
2.91	2.00	0.00	0.00	0.01	0.00	2.92	2.00	0.00	0.00	0.01	0.00
2.93	2.00	0.00	0.00	0.01	0.00	2.94	2.00	0.00	0.00	0.01	0.00
2.95	2.00	0.00	0.00	0.01	0.00	2.96	2.00	0.00	0.00	0.01	0.00
2.97	2.00	0.00	0.00	0.01	0.00	2.98	2.00	0.00	0.00	0.01	0.00
2.99	2.00	0.00	0.00	0.01	0.00	3.00	2.00	0.00	0.00	0.01	0.00
3.01	2.00	0.00	0.00	0.01	0.00	3.02	2.00	0.00	0.00	0.01	0.00
3.03	2.00	0.00	0.00	0.01	0.00	3.04	2.00	0.00	0.00	0.01	0.00
3.05	2.00	0.00	0.00	0.01	0.00	3.06	2.00	0.00	0.00	0.01	0.00
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	1.82	0.00	0.00	0.01	0.00
3.17	1.82	0.00	0.00	0.01	0.00	3.18	1.73	0.00	0.00	0.01	0.00
3.19	1.64	0.00	0.00	0.01	0.00	3.20	1.51	0.00	0.00	0.01	0.00
3.21	1.31	0.00	0.00	0.01	0.00	3.22	1.09	0.00	0.00	0.01	0.00
3.23	0.92	0.00	0.00	0.01	0.01	3.24	0.72	0.00	0.00	0.01	0.02
3.25	0.67	0.00	0.00	0.01	0.03	3.26	0.61	0.00	0.00	0.01	0.03
3.27	0.61	0.00	0.00	0.01	0.03	3.28	0.60	0.00	0.00	0.01	0.03
3.29	0.60	0.00	0.00	0.01	0.03	3.30	0.62	0.00	0.00	0.01	0.03
3.31	0.65	0.00	0.00	0.01	0.03	3.32	0.70	0.00	0.00	0.01	0.02
3.33	0.78	0.00	0.00	0.01	0.02	3.34	0.95	0.00	0.00	0.01	0.00
3.35	1.05	0.00	0.00	0.01	0.00	3.36	1.38	0.00	0.00	0.01	0.00
3.37	1.37	0.00	0.00	0.01	0.00	3.38	1.45	0.00	0.00	0.01	0.00
3.39	1.47	0.00	0.00	0.01	0.00	3.40	1.44	0.00	0.00	0.01	0.00
3.41	1.46	0.00	0.00	0.01	0.00	3.42	1.49	0.00	0.00	0.01	0.00
3.43	1.56	0.00	0.00	0.01	0.00	3.44	1.83	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	2.00	0.00	0.00	0.01	0.00	3.62	2.00	0.00	0.00	0.01	0.00
3.63	2.00	0.00	0.00	0.01	0.00	3.64	2.00	0.00	0.00	0.01	0.00
3.65	2.00	0.00	0.00	0.01	0.00	3.66	2.00	0.00	0.00	0.01	0.00
3.67	2.00	0.00	0.00	0.01	0.00	3.68	2.00	0.00	0.00	0.01	0.00
3.69	2.00	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	1.83	0.00	0.00	0.01	0.00	3.78	1.72	0.00	0.00	0.01	0.00
3.79	1.82	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	1.86	0.00	0.00	0.01	0.00	3.94	1.65	0.00	0.00	0.01	0.00
3.95	1.57	0.00	0.00	0.01	0.00	3.96	1.46	0.00	0.00	0.01	0.00
3.97	1.46	0.00	0.00	0.01	0.00	3.98	1.45	0.00	0.00	0.01	0.00
3.99	1.43	0.00	0.00	0.01	0.00	4.00	1.43	0.00	0.00	0.01	0.00
4.01	1.45	0.00	0.00	0.01	0.00	4.02	1.44	0.00	0.00	0.01	0.00
4.03	1.05	0.00	0.00	0.01	0.00	4.04	1.05	0.00	0.00	0.01	0.00
4.05	0.79	0.00	0.00	0.01	0.02	4.06	1.32	0.00	0.00	0.01	0.00
4.07	1.43	0.00	0.00	0.01	0.00	4.08	1.41	0.00	0.00	0.01	0.00
4.09	1.37	0.00	0.00	0.01	0.00	4.10	1.37	0.00	0.00	0.01	0.00
4.11	1.35	0.00	0.00	0.01	0.00	4.12	1.30	0.00	0.00	0.01	0.00
4.13	1.26	0.00	0.00	0.01	0.00	4.14	1.20	0.00	0.00	0.01	0.00
4.15	1.14	0.00	0.00	0.01	0.00	4.16	1.11	0.00	0.00	0.01	0.00
4.17	1.04	0.00	0.00	0.01	0.00	4.18	1.04	0.00	0.00	0.01	0.00
4.19	1.00	0.00	0.00	0.01	0.00	4.20	0.95	0.00	0.00	0.01	0.00
4.21	0.90	0.00	0.00	0.01	0.01	4.22	0.84	0.00	0.00	0.01	0.01
4.23	0.79	0.00	0.00	0.01	0.02	4.24	0.75	0.00	0.00	0.01	0.02
4.25	0.68	0.00	0.00	0.01	0.03	4.26	0.65	0.00	0.00	0.01	0.03
4.27	0.60	0.40	0.64	0.01	0.03	4.28	0.60	0.40	0.64	0.01	0.03
4.29	0.58	0.42	0.60	0.01	0.03	4.30	0.56	0.44	0.56	0.01	0.03
4.31	0.54	0.46	0.53	0.01	0.04	4.32	0.53	0.47	0.51	0.01	0.04
4.33	0.52	0.48	0.50	0.01	0.04	4.34	0.51	0.49	0.49	0.01	0.04
4.35	0.51	0.49	0.49	0.01	0.04	4.36	0.50	0.50	0.48	0.01	0.04
4.37	0.51	0.49	0.49	0.01	0.04	4.38	0.51	0.49	0.49	0.01	0.04
4.39	0.52	0.48	0.50	0.01	0.04	4.40	0.51	0.49	0.49	0.01	0.04
4.41	0.51	0.49	0.49	0.01	0.04	4.42	0.50	0.50	0.48	0.01	0.04
4.43	0.50	0.50	0.48	0.01	0.04	4.44	0.53	0.47	0.52	0.01	0.04
4.45	0.56	0.44	0.56	0.01	0.03	4.46	0.58	0.42	0.59	0.01	0.03
4.47	0.58	0.42	0.59	0.01	0.03	4.48	0.56	0.44	0.56	0.01	0.03
4.49	0.52	0.48	0.51	0.01	0.04	4.50	0.53	0.47	0.51	0.01	0.04
4.51	0.51	0.49	0.49	0.01	0.04	4.52	0.51	0.49	0.49	0.01	0.04
4.53	0.51	0.49	0.49	0.01	0.04	4.54	0.50	0.50	0.48	0.01	0.04
4.55	0.50	0.50	0.48	0.01	0.04	4.56	0.49	0.51	0.47	0.01	0.04
4.57	0.50	0.50	0.48	0.01	0.04	4.58	0.49	0.51	0.46	0.01	0.04
4.59	0.47	0.53	0.45	0.01	0.04	4.60	0.46	0.54	0.44	0.01	0.04
4.61	0.45	0.55	0.42	0.01	0.04	4.62	0.45	0.55	0.43	0.01	0.04
4.63	0.46	0.54	0.44	0.01	0.04	4.64	0.48	0.52	0.45	0.01	0.04
4.65	0.49	0.51	0.47	0.01	0.04	4.66	0.51	0.49	0.49	0.01	0.04
4.67	0.53	0.47	0.52	0.01	0.04	4.68	0.56	0.44	0.57	0.01	0.03
4.69	0.58	0.42	0.60	0.01	0.03	4.70	0.69	0.00	0.00	0.01	0.02
4.71	0.69	0.00	0.00	0.01	0.02	4.72	0.76	0.00	0.00	0.01	0.02
4.73	0.86	0.00	0.00	0.01	0.01	4.74	0.95	0.00	0.00	0.01	0.00
4.75	1.00	0.00	0.00	0.01	0.00	4.76	0.96	0.00	0.00	0.01	0.00
4.77	0.90	0.00	0.00	0.01	0.01	4.78	0.90	0.00	0.00	0.01	0.01
4.79	0.88	0.00	0.00	0.01	0.01	4.80	0.82	0.00	0.00	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.79	0.00	0.00	0.01	0.02	4.82	0.70	0.00	0.00	0.01	0.02
4.83	0.65	0.00	0.00	0.01	0.03	4.84	0.59	0.41	0.60	0.01	0.03
4.85	0.58	0.42	0.60	0.01	0.03	4.86	0.56	0.44	0.57	0.01	0.03
4.87	0.53	0.47	0.52	0.01	0.04	4.88	0.49	0.51	0.47	0.01	0.04
4.89	0.48	0.52	0.46	0.01	0.04	4.90	0.47	0.53	0.44	0.01	0.04
4.91	0.48	0.52	0.46	0.01	0.04	4.92	0.48	0.52	0.45	0.01	0.04
4.93	0.49	0.51	0.46	0.01	0.04	4.94	0.49	0.51	0.47	0.01	0.04
4.95	0.49	0.51	0.47	0.01	0.04	4.96	0.51	0.49	0.49	0.01	0.04
4.97	0.49	0.51	0.47	0.01	0.04	4.98	0.51	0.49	0.50	0.01	0.04
4.99	0.50	0.50	0.48	0.01	0.04	5.00	0.50	0.50	0.48	0.01	0.04
5.01	0.50	0.50	0.48	0.01	0.04	5.02	0.48	0.52	0.46	0.01	0.04
5.03	0.48	0.52	0.46	0.01	0.04	5.04	0.48	0.52	0.46	0.01	0.04
5.05	0.47	0.53	0.44	0.01	0.04	5.06	0.45	0.55	0.43	0.01	0.04
5.07	0.44	0.56	0.42	0.01	0.04	5.08	0.43	0.57	0.41	0.01	0.04
5.09	0.43	0.57	0.41	0.01	0.04	5.10	0.43	0.57	0.41	0.01	0.04
5.11	0.42	0.58	0.40	0.01	0.04	5.12	0.42	0.58	0.40	0.01	0.04
5.13	0.42	0.58	0.40	0.01	0.04	5.14	0.42	0.58	0.40	0.01	0.04
5.15	0.44	0.56	0.41	0.01	0.04	5.16	0.47	0.53	0.44	0.01	0.04
5.17	0.45	0.55	0.43	0.01	0.04	5.18	0.46	0.54	0.44	0.01	0.04
5.19	0.45	0.55	0.42	0.01	0.04	5.20	0.45	0.55	0.43	0.01	0.04
5.21	0.46	0.54	0.43	0.01	0.04	5.22	0.46	0.54	0.44	0.01	0.04
5.23	0.47	0.53	0.45	0.01	0.04	5.24	0.49	0.51	0.47	0.01	0.04
5.25	0.51	0.49	0.50	0.01	0.04	5.26	0.59	0.41	0.60	0.01	0.03
5.27	0.62	0.38	0.67	0.01	0.03	5.28	0.66	0.00	0.00	0.01	0.02
5.29	0.66	0.00	0.00	0.01	0.03	5.30	0.66	0.00	0.00	0.01	0.02
5.31	0.67	0.00	0.00	0.01	0.02	5.32	0.67	0.00	0.00	0.01	0.02
5.33	0.66	0.00	0.00	0.01	0.02	5.34	0.65	0.00	0.00	0.01	0.03
5.35	0.62	0.38	0.68	0.01	0.03	5.36	0.61	0.39	0.65	0.01	0.03
5.37	0.58	0.42	0.60	0.01	0.03	5.38	0.58	0.42	0.60	0.01	0.03
5.39	0.58	0.42	0.60	0.01	0.03	5.40	0.59	0.41	0.60	0.01	0.03
5.41	0.59	0.41	0.61	0.01	0.03	5.42	0.59	0.41	0.61	0.01	0.03
5.43	0.59	0.41	0.62	0.01	0.03	5.44	0.59	0.41	0.62	0.01	0.03
5.45	0.58	0.42	0.59	0.01	0.03	5.46	0.57	0.43	0.57	0.01	0.03
5.47	0.53	0.47	0.52	0.01	0.03	5.48	0.52	0.48	0.50	0.01	0.04
5.49	0.49	0.51	0.47	0.01	0.04	5.50	0.49	0.51	0.47	0.01	0.04
5.51	0.48	0.52	0.45	0.01	0.04	5.52	0.46	0.54	0.44	0.01	0.04
5.53	0.46	0.54	0.43	0.01	0.04	5.54	0.46	0.54	0.43	0.01	0.04
5.55	0.46	0.54	0.43	0.01	0.04	5.56	0.46	0.54	0.44	0.01	0.04
5.57	0.48	0.52	0.46	0.01	0.04	5.58	0.50	0.50	0.47	0.01	0.04
5.59	0.51	0.49	0.49	0.01	0.04	5.60	0.51	0.49	0.49	0.01	0.04
5.61	0.50	0.50	0.48	0.01	0.04	5.62	0.49	0.51	0.47	0.01	0.04
5.63	0.48	0.52	0.45	0.01	0.04	5.64	0.46	0.54	0.44	0.01	0.04
5.65	0.45	0.55	0.43	0.01	0.04	5.66	0.45	0.55	0.43	0.01	0.04
5.67	0.47	0.53	0.45	0.01	0.04	5.68	0.52	0.48	0.50	0.01	0.03
5.69	0.47	0.53	0.45	0.01	0.04	5.70	0.48	0.52	0.45	0.01	0.04
5.71	0.44	0.56	0.42	0.01	0.04	5.72	0.45	0.55	0.43	0.01	0.04
5.73	2.00	0.00	0.00	0.01	0.00	5.74	2.00	0.00	0.00	0.01	0.00
5.75	2.00	0.00	0.00	0.01	0.00	5.76	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	2.00	0.00	0.00	0.01	0.00	5.78	2.00	0.00	0.00	0.01	0.00
5.79	2.00	0.00	0.00	0.01	0.00	5.80	0.59	0.41	0.61	0.01	0.03
5.81	0.51	0.49	0.50	0.01	0.03	5.82	0.47	0.53	0.44	0.01	0.04
5.83	0.47	0.53	0.45	0.01	0.04	5.84	0.46	0.54	0.43	0.01	0.04
5.85	0.47	0.53	0.45	0.01	0.04	5.86	0.47	0.53	0.44	0.01	0.04
5.87	0.46	0.54	0.44	0.01	0.04	5.88	0.45	0.55	0.43	0.01	0.04
5.89	0.45	0.55	0.42	0.01	0.04	5.90	0.43	0.57	0.41	0.01	0.04
5.91	0.44	0.56	0.41	0.01	0.04	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	2.00	0.00	0.00	0.01	0.00
6.17	2.00	0.00	0.00	0.01	0.00	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	2.00	0.00	0.00	0.01	0.00	6.26	2.00	0.00	0.00	0.01	0.00
6.27	2.00	0.00	0.00	0.01	0.00	6.28	2.00	0.00	0.00	0.01	0.00
6.29	2.00	0.00	0.00	0.01	0.00	6.30	2.00	0.00	0.00	0.01	0.00
6.31	2.00	0.00	0.00	0.01	0.00	6.32	2.00	0.00	0.00	0.01	0.00
6.33	2.00	0.00	0.00	0.01	0.00	6.34	2.00	0.00	0.00	0.01	0.00
6.35	2.00	0.00	0.00	0.01	0.00	6.36	2.00	0.00	0.00	0.01	0.00
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	2.00	0.00	0.00	0.01	0.00	6.40	2.00	0.00	0.00	0.01	0.00
6.41	2.00	0.00	0.00	0.01	0.00	6.42	2.00	0.00	0.00	0.01	0.00
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	2.00	0.00	0.00	0.01	0.00
6.57	2.00	0.00	0.00	0.01	0.00	6.58	2.00	0.00	0.00	0.01	0.00
6.59	2.00	0.00	0.00	0.01	0.00	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	2.00	0.00	0.00	0.01	0.00
6.93	2.00	0.00	0.00	0.01	0.00	6.94	2.00	0.00	0.00	0.01	0.00
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	2.00	0.00	0.00	0.01	0.00	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00						

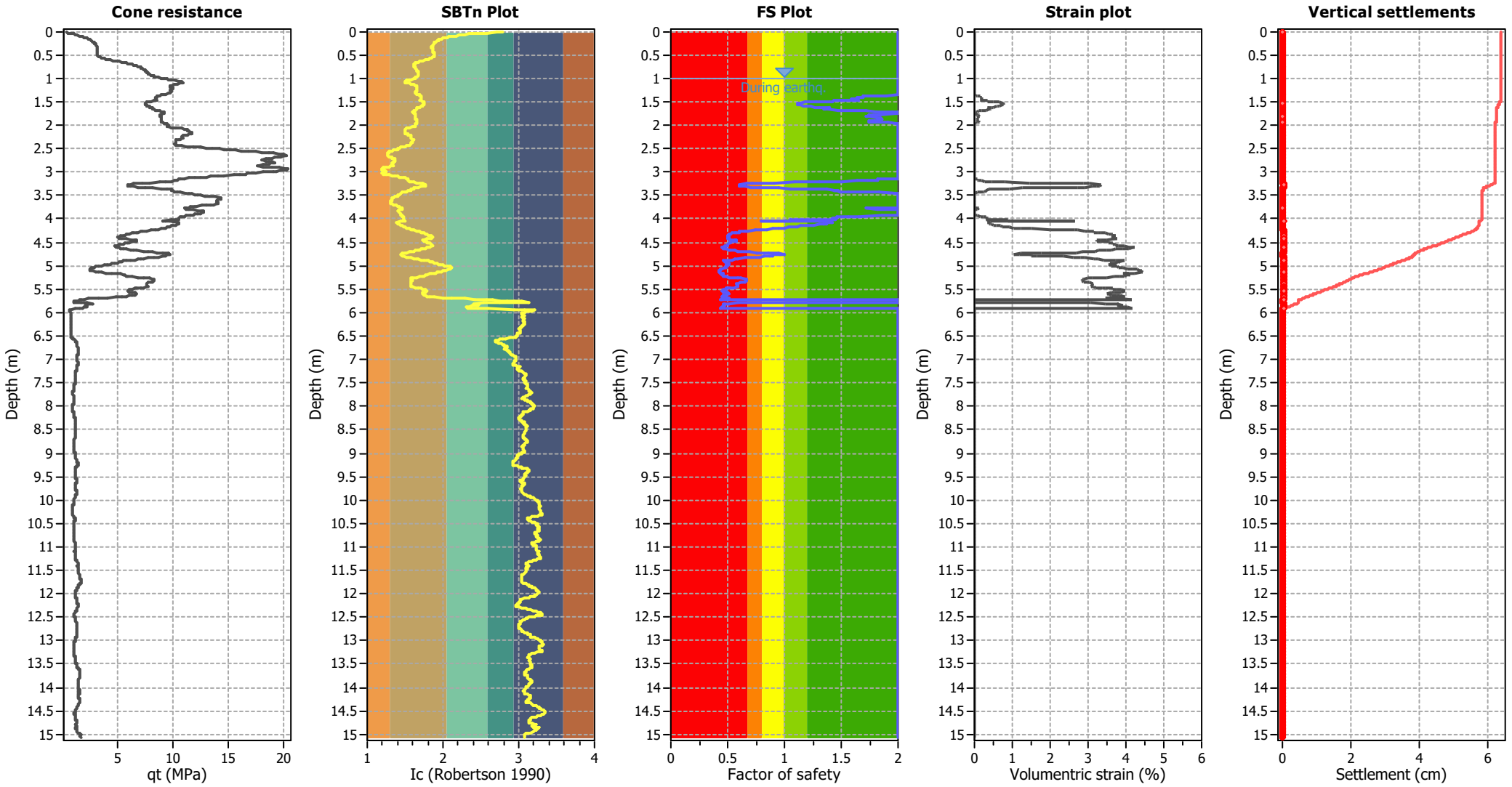
Overall liquefaction potential: 5.87

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	152.14	2.00	0.00	1.00	0.00	1.01	158.00	2.00	0.00	1.00	0.00
1.02	161.97	2.00	0.00	1.00	0.00	1.03	160.56	2.00	0.00	1.00	0.00
1.04	160.56	2.00	0.00	1.00	0.00	1.05	172.04	2.00	0.00	1.00	0.00
1.06	176.87	2.00	0.00	1.00	0.00	1.07	179.29	2.00	0.00	1.00	0.00
1.08	181.01	2.00	0.00	1.00	0.00	1.09	182.41	2.00	0.00	1.00	0.00
1.10	182.96	2.00	0.00	1.00	0.00	1.11	180.70	2.00	0.00	1.00	0.00
1.12	172.04	2.00	0.00	1.00	0.00	1.13	172.04	2.00	0.00	1.00	0.00
1.14	168.21	2.00	0.00	1.00	0.00	1.15	165.88	2.00	0.00	1.00	0.00
1.16	164.39	2.00	0.00	1.00	0.00	1.17	163.45	2.00	0.00	1.00	0.00
1.18	163.30	2.00	0.00	1.00	0.00	1.19	164.15	2.00	0.00	1.00	0.00
1.20	167.98	2.00	0.00	1.00	0.00	1.21	169.07	2.00	0.00	1.00	0.00
1.22	167.12	2.00	0.00	1.00	0.00	1.23	167.12	2.00	0.00	1.00	0.00
1.24	164.32	2.00	0.00	1.00	0.00	1.25	163.06	2.00	0.00	1.00	0.00
1.26	162.98	2.00	0.00	1.00	0.00	1.27	163.77	2.00	0.00	1.00	0.00
1.28	165.33	2.00	0.00	1.00	0.00	1.29	165.56	2.00	0.00	1.00	0.00
1.30	162.98	2.00	0.00	1.00	0.00	1.31	162.98	2.00	0.00	1.00	0.00
1.32	159.79	2.00	0.00	1.00	0.00	1.33	156.74	2.00	0.00	1.00	0.00
1.34	153.62	2.00	0.00	1.00	0.00	1.35	150.81	2.00	0.00	1.00	0.00
1.36	149.57	2.00	0.00	1.00	0.00	1.37	146.92	1.90	0.04	1.00	0.00
1.38	145.36	1.82	0.08	1.00	0.00	1.39	142.69	1.70	0.14	1.00	0.00
1.40	142.69	1.69	0.15	1.00	0.00	1.41	141.92	1.65	0.17	1.00	0.00
1.42	141.77	1.64	0.17	1.00	0.00	1.43	141.54	1.63	0.18	1.00	0.00
1.44	141.13	1.61	0.20	1.00	0.00	1.45	140.83	1.59	0.21	1.00	0.00
1.46	142.31	1.64	0.17	1.00	0.00	1.47	142.63	1.65	0.17	1.00	0.00
1.48	136.45	1.43	0.33	1.00	0.00	1.49	136.45	1.43	0.34	1.00	0.00
1.50	131.70	1.29	0.48	1.00	0.00	1.51	127.33	1.18	0.65	1.00	0.01
1.52	125.30	1.14	0.74	1.00	0.01	1.53	124.38	1.11	0.79	1.00	0.01
1.54	124.99	1.12	0.77	1.00	0.01	1.55	125.06	1.12	0.77	1.00	0.01
1.56	126.39	1.14	0.72	1.00	0.01	1.57	126.39	1.14	0.72	1.00	0.01
1.58	127.95	1.17	0.66	1.00	0.01	1.59	129.67	1.21	0.60	1.00	0.01
1.60	130.77	1.23	0.56	1.00	0.01	1.61	132.33	1.27	0.51	1.00	0.01
1.62	134.20	1.31	0.45	1.00	0.00	1.63	137.33	1.40	0.36	1.00	0.00
1.64	137.39	1.40	0.36	1.00	0.00	1.65	136.07	1.35	0.41	1.00	0.00
1.66	136.07	1.35	0.41	1.00	0.00	1.67	137.16	1.38	0.38	1.00	0.00
1.68	140.13	1.47	0.30	1.00	0.00	1.69	143.78	1.60	0.20	1.00	0.00
1.70	146.60	1.72	0.13	1.00	0.00	1.71	148.63	1.81	0.08	1.00	0.00
1.72	151.44	1.95	0.02	1.00	0.00	1.73	154.17	2.00	0.00	1.00	0.00
1.74	154.09	2.00	0.00	1.00	0.00	1.75	154.09	2.00	0.00	1.00	0.00
1.76	152.14	1.97	0.01	1.00	0.00	1.77	149.72	1.84	0.07	1.00	0.00
1.78	148.63	1.78	0.10	1.00	0.00	1.79	147.93	1.74	0.12	1.00	0.00
1.80	147.85	1.73	0.12	1.00	0.00	1.81	147.54	1.72	0.13	1.00	0.00
1.82	148.25	1.75	0.12	1.00	0.00	1.83	149.88	1.82	0.08	1.00	0.00
1.84	149.88	1.82	0.08	1.00	0.00	1.85	150.50	1.85	0.07	1.00	0.00
1.86	150.73	1.85	0.06	1.00	0.00	1.87	150.19	1.82	0.08	1.00	0.00
1.88	150.19	1.82	0.08	1.00	0.00	1.89	150.43	1.83	0.07	1.00	0.00
1.90	149.88	1.80	0.09	1.00	0.00	1.91	148.78	1.74	0.12	1.00	0.00
1.92	148.78	1.74	0.12	1.00	0.00	1.93	149.41	1.76	0.11	1.00	0.00
1.94	150.90	1.84	0.07	1.00	0.00	1.95	152.46	1.91	0.04	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	153.78	1.99	0.01	1.00	0.00	1.97	155.50	2.00	0.00	1.00	0.00
1.98	156.82	2.00	0.00	1.00	0.00	1.99	160.41	2.00	0.00	1.00	0.00
2.00	161.27	2.00	0.00	1.00	0.00	2.01	161.27	2.00	0.00	1.00	0.00
2.02	158.26	2.00	0.00	1.00	0.00	2.03	158.26	2.00	0.00	1.00	0.00
2.04	156.44	2.00	0.00	1.00	0.00	2.05	163.96	2.00	0.00	1.00	0.00
2.06	170.87	2.00	0.00	1.00	0.00	2.07	174.68	2.00	0.00	1.00	0.00
2.08	179.61	2.00	0.00	1.00	0.00	2.09	179.45	2.00	0.00	1.00	0.00
2.10	180.37	2.00	0.00	1.00	0.00	2.11	180.96	2.00	0.00	1.00	0.00
2.12	181.50	2.00	0.00	1.00	0.00	2.13	181.71	2.00	0.00	1.00	0.00
2.14	183.26	2.00	0.00	1.00	0.00	2.15	184.33	2.00	0.00	1.00	0.00
2.16	184.43	2.00	0.00	1.00	0.00	2.17	184.27	2.00	0.00	1.00	0.00
2.18	182.29	2.00	0.00	1.00	0.00	2.19	179.87	2.00	0.00	1.00	0.00
2.20	178.14	2.00	0.00	1.00	0.00	2.21	177.44	2.00	0.00	1.00	0.00
2.22	176.85	2.00	0.00	1.00	0.00	2.23	174.23	2.00	0.00	1.00	0.00
2.24	172.71	2.00	0.00	1.00	0.00	2.25	171.95	2.00	0.00	1.00	0.00
2.26	171.79	2.00	0.00	1.00	0.00	2.27	172.77	2.00	0.00	1.00	0.00
2.28	172.94	2.00	0.00	1.00	0.00	2.29	172.02	2.00	0.00	1.00	0.00
2.30	170.50	2.00	0.00	1.00	0.00	2.31	166.76	2.00	0.00	1.00	0.00
2.32	165.44	2.00	0.00	1.00	0.00	2.33	164.40	2.00	0.00	1.00	0.00
2.34	164.24	2.00	0.00	1.00	0.00	2.35	164.14	2.00	0.00	1.00	0.00
2.36	164.05	2.00	0.00	1.00	0.00	2.37	164.23	2.00	0.00	1.00	0.00
2.38	164.02	2.00	0.00	1.00	0.00	2.39	164.00	2.00	0.00	1.00	0.00
2.40	163.23	2.00	0.00	1.00	0.00	2.41	160.35	2.00	0.00	1.00	0.00
2.42	159.98	2.00	0.00	1.00	0.00	2.43	167.11	2.00	0.00	1.00	0.00
2.44	166.96	2.00	0.00	1.00	0.00	2.45	173.96	2.00	0.00	1.00	0.00
2.46	181.63	2.00	0.00	1.00	0.00	2.47	189.70	2.00	0.00	1.00	0.00
2.48	195.55	2.00	0.00	1.00	0.00	2.49	202.74	2.00	0.00	1.00	0.00
2.50	206.53	2.00	0.00	1.00	0.00	2.51	214.78	2.00	0.00	1.00	0.00
2.52	214.62	2.00	0.00	1.00	0.00	2.53	218.22	2.00	0.00	1.00	0.00
2.54	222.52	2.00	0.00	1.00	0.00	2.55	228.54	2.00	0.00	1.00	0.00
2.56	235.35	2.00	0.00	1.00	0.00	2.57	242.38	2.00	0.00	1.00	0.00
2.58	249.39	2.00	0.00	1.00	0.00	2.59	251.74	2.00	0.00	1.00	0.00
2.60	265.02	2.00	0.00	1.00	0.00	2.61	264.81	2.00	0.00	1.00	0.00
2.62	270.02	2.00	0.00	1.00	0.00	2.63	272.07	2.00	0.00	1.00	0.00
2.64	273.49	2.00	0.00	1.00	0.00	2.65	277.04	2.00	0.00	1.00	0.00
2.66	274.87	2.00	0.00	1.00	0.00	2.67	264.30	2.00	0.00	1.00	0.00
2.68	264.09	2.00	0.00	1.00	0.00	2.69	258.86	2.00	0.00	1.00	0.00
2.70	255.78	2.00	0.00	1.00	0.00	2.71	253.20	2.00	0.00	1.00	0.00
2.72	249.99	2.00	0.00	1.00	0.00	2.73	243.62	2.00	0.00	1.00	0.00
2.74	243.86	2.00	0.00	1.00	0.00	2.75	248.73	2.00	0.00	1.00	0.00
2.76	248.59	2.00	0.00	1.00	0.00	2.77	250.91	2.00	0.00	1.00	0.00
2.78	253.60	2.00	0.00	1.00	0.00	2.79	256.76	2.00	0.00	1.00	0.00
2.80	258.93	2.00	0.00	1.00	0.00	2.81	254.37	2.00	0.00	1.00	0.00
2.82	252.64	2.00	0.00	1.00	0.00	2.83	249.90	2.00	0.00	1.00	0.00
2.84	249.76	2.00	0.00	1.00	0.00	2.85	244.56	2.00	0.00	1.00	0.00
2.86	239.31	2.00	0.00	1.00	0.00	2.87	237.78	2.00	0.00	1.00	0.00
2.88	238.33	2.00	0.00	1.00	0.00	2.89	244.13	2.00	0.00	1.00	0.00
2.90	250.25	2.00	0.00	1.00	0.00	2.91	265.69	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	265.50	2.00	0.00	1.00	0.00	2.93	271.11	2.00	0.00	1.00	0.00
2.94	271.16	2.00	0.00	1.00	0.00	2.95	268.08	2.00	0.00	1.00	0.00
2.96	265.19	2.00	0.00	1.00	0.00	2.97	260.88	2.00	0.00	1.00	0.00
2.98	257.02	2.00	0.00	1.00	0.00	2.99	250.15	2.00	0.00	1.00	0.00
3.00	250.03	2.00	0.00	1.00	0.00	3.01	228.62	2.00	0.00	1.00	0.00
3.02	228.49	2.00	0.00	1.00	0.00	3.03	228.46	2.00	0.00	1.00	0.00
3.04	225.83	2.00	0.00	1.00	0.00	3.05	221.90	2.00	0.00	1.00	0.00
3.06	212.68	2.00	0.00	1.00	0.00	3.07	207.64	2.00	0.00	1.00	0.00
3.08	194.30	2.00	0.00	1.00	0.00	3.09	194.17	2.00	0.00	1.00	0.00
3.10	186.26	2.00	0.00	1.00	0.00	3.11	179.73	2.00	0.00	1.00	0.00
3.12	173.11	2.00	0.00	1.00	0.00	3.13	167.99	2.00	0.00	1.00	0.00
3.14	161.24	2.00	0.00	1.00	0.00	3.15	158.44	2.00	0.00	1.00	0.00
3.16	155.11	1.82	0.08	1.00	0.00	3.17	154.99	1.82	0.08	1.00	0.00
3.18	153.35	1.73	0.13	1.00	0.00	3.19	151.60	1.64	0.17	1.00	0.00
3.20	148.56	1.51	0.26	1.00	0.00	3.21	142.95	1.31	0.45	1.00	0.00
3.22	134.70	1.09	0.81	1.00	0.01	3.23	126.01	0.92	1.46	1.00	0.01
3.24	111.29	0.72	2.88	1.00	0.03	3.25	105.37	0.67	3.04	1.00	0.03
3.26	97.70	0.61	3.29	1.00	0.03	3.27	97.73	0.61	3.29	1.00	0.03
3.28	96.41	0.60	3.33	1.00	0.03	3.29	96.91	0.60	3.32	1.00	0.03
3.30	99.26	0.62	3.24	1.00	0.03	3.31	103.63	0.65	3.10	1.00	0.03
3.32	109.67	0.70	2.92	1.00	0.03	3.33	116.42	0.78	2.74	1.00	0.03
3.34	128.18	0.95	1.28	1.00	0.01	3.35	133.34	1.05	0.91	1.00	0.01
3.36	145.35	1.38	0.38	1.00	0.00	3.37	145.24	1.37	0.39	1.00	0.00
3.38	147.34	1.45	0.32	1.00	0.00	3.39	148.06	1.47	0.29	1.00	0.00
3.40	147.13	1.44	0.32	1.00	0.00	3.41	147.73	1.46	0.31	1.00	0.00
3.42	148.51	1.49	0.28	1.00	0.00	3.43	150.26	1.56	0.23	1.00	0.00
3.44	155.75	1.83	0.07	1.00	0.00	3.45	159.89	2.00	0.00	1.00	0.00
3.46	166.48	2.00	0.00	1.00	0.00	3.47	166.38	2.00	0.00	1.00	0.00
3.48	169.91	2.00	0.00	1.00	0.00	3.49	172.97	2.00	0.00	1.00	0.00
3.50	176.06	2.00	0.00	1.00	0.00	3.51	178.71	2.00	0.00	1.00	0.00
3.52	186.17	2.00	0.00	1.00	0.00	3.53	190.46	2.00	0.00	1.00	0.00
3.54	195.59	2.00	0.00	1.00	0.00	3.55	195.47	2.00	0.00	1.00	0.00
3.56	196.67	2.00	0.00	1.00	0.00	3.57	196.56	2.00	0.00	1.00	0.00
3.58	195.18	2.00	0.00	1.00	0.00	3.59	192.93	2.00	0.00	1.00	0.00
3.60	190.93	2.00	0.00	1.00	0.00	3.61	189.40	2.00	0.00	1.00	0.00
3.62	190.77	2.00	0.00	1.00	0.00	3.63	191.58	2.00	0.00	1.00	0.00
3.64	191.47	2.00	0.00	1.00	0.00	3.65	191.92	2.00	0.00	1.00	0.00
3.66	191.55	2.00	0.00	1.00	0.00	3.67	190.99	2.00	0.00	1.00	0.00
3.68	189.80	2.00	0.00	1.00	0.00	3.69	187.40	2.00	0.00	1.00	0.00
3.70	184.42	2.00	0.00	1.00	0.00	3.71	180.45	2.00	0.00	1.00	0.00
3.72	172.91	2.00	0.00	1.00	0.00	3.73	170.16	2.00	0.00	1.00	0.00
3.74	164.58	2.00	0.00	1.00	0.00	3.75	164.47	2.00	0.00	1.00	0.00
3.76	160.15	2.00	0.00	1.00	0.00	3.77	156.23	1.83	0.08	1.00	0.00
3.78	154.31	1.72	0.13	1.00	0.00	3.79	156.23	1.82	0.08	1.00	0.00
3.80	159.59	2.00	0.00	1.00	0.00	3.81	163.92	2.00	0.00	1.00	0.00
3.82	169.00	2.00	0.00	1.00	0.00	3.83	174.74	2.00	0.00	1.00	0.00
3.84	175.10	2.00	0.00	1.00	0.00	3.85	174.53	2.00	0.00	1.00	0.00
3.86	174.43	2.00	0.00	1.00	0.00	3.87	173.14	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	171.07	2.00	0.00	1.00	0.00	3.89	168.22	2.00	0.00	1.00	0.00
3.90	165.94	2.00	0.00	1.00	0.00	3.91	163.06	2.00	0.00	1.00	0.00
3.92	160.07	2.00	0.00	1.00	0.00	3.93	157.07	1.86	0.06	1.00	0.00
3.94	153.05	1.65	0.17	1.00	0.00	3.95	151.24	1.57	0.22	1.00	0.00
3.96	148.78	1.46	0.30	1.00	0.00	3.97	148.69	1.46	0.30	1.00	0.00
3.98	148.43	1.45	0.31	1.00	0.00	3.99	147.85	1.43	0.33	1.00	0.00
4.00	148.04	1.43	0.33	1.00	0.00	4.01	148.48	1.45	0.31	1.00	0.00
4.02	148.38	1.44	0.32	1.00	0.00	4.03	135.11	1.05	0.88	1.00	0.01
4.04	135.02	1.05	0.89	1.00	0.01	4.05	119.77	0.79	2.66	1.00	0.03
4.06	144.91	1.32	0.44	1.00	0.00	4.07	147.95	1.43	0.33	1.00	0.00
4.08	147.49	1.41	0.35	1.00	0.00	4.09	146.60	1.37	0.38	1.00	0.00
4.10	146.51	1.37	0.38	1.00	0.00	4.11	145.89	1.35	0.41	1.00	0.00
4.12	144.52	1.30	0.46	1.00	0.00	4.13	143.07	1.26	0.51	1.00	0.01
4.14	141.32	1.20	0.59	1.00	0.01	4.15	138.96	1.14	0.69	1.00	0.01
4.16	137.84	1.11	0.75	1.00	0.01	4.17	134.81	1.04	0.91	1.00	0.01
4.18	134.73	1.04	0.92	1.00	0.01	4.19	132.83	1.00	1.04	1.00	0.01
4.20	130.44	0.95	1.23	1.00	0.01	4.21	127.48	0.90	1.52	1.00	0.02
4.22	123.96	0.84	2.01	1.00	0.02	4.23	120.29	0.79	2.65	1.00	0.03
4.24	116.59	0.75	2.74	1.00	0.03	4.25	110.08	0.68	2.91	1.00	0.03
4.26	107.34	0.65	2.99	1.00	0.03	4.27	101.78	0.60	3.16	1.00	0.03
4.28	101.71	0.60	3.16	1.00	0.03	4.29	98.81	0.58	3.25	1.00	0.03
4.30	96.12	0.56	3.35	1.00	0.03	4.31	93.19	0.54	3.45	1.00	0.03
4.32	90.83	0.53	3.54	1.00	0.04	4.33	88.94	0.52	3.61	1.00	0.04
4.34	87.77	0.51	3.66	1.00	0.04	4.35	87.63	0.51	3.67	1.00	0.04
4.36	86.24	0.50	3.73	1.00	0.04	4.37	87.93	0.51	3.66	1.00	0.04
4.38	86.94	0.51	3.70	1.00	0.04	4.39	88.84	0.52	3.62	1.00	0.04
4.40	87.98	0.51	3.65	1.00	0.04	4.41	87.30	0.51	3.68	1.00	0.04
4.42	85.68	0.50	3.75	1.00	0.04	4.43	86.25	0.50	3.73	1.00	0.04
4.44	91.52	0.53	3.51	1.00	0.04	4.45	96.39	0.56	3.34	1.00	0.03
4.46	99.21	0.58	3.24	1.00	0.03	4.47	98.97	0.58	3.25	1.00	0.03
4.48	96.44	0.56	3.33	1.00	0.03	4.49	90.54	0.52	3.55	1.00	0.04
4.50	91.25	0.53	3.52	1.00	0.04	4.51	88.73	0.51	3.62	1.00	0.04
4.52	88.01	0.51	3.65	1.00	0.04	4.53	87.72	0.51	3.66	1.00	0.04
4.54	87.41	0.50	3.68	1.00	0.04	4.55	86.55	0.50	3.71	1.00	0.04
4.56	85.53	0.49	3.76	1.00	0.04	4.57	86.09	0.50	3.73	1.00	0.04
4.58	84.22	0.49	3.81	1.00	0.04	4.59	80.69	0.47	3.98	1.00	0.04
4.60	78.57	0.46	4.08	1.00	0.04	4.61	75.38	0.45	4.24	1.00	0.04
4.62	76.29	0.45	4.20	1.00	0.04	4.63	78.78	0.46	4.07	1.00	0.04
4.64	82.18	0.48	3.91	1.00	0.04	4.65	85.76	0.49	3.75	1.00	0.04
4.66	89.18	0.51	3.61	1.00	0.04	4.67	92.29	0.53	3.48	1.00	0.03
4.68	97.80	0.56	3.29	1.00	0.03	4.69	100.64	0.58	3.19	1.00	0.03
4.70	112.67	0.69	2.84	1.00	0.03	4.71	112.60	0.69	2.84	1.00	0.03
4.72	118.95	0.76	2.68	1.00	0.03	4.73	126.24	0.86	1.76	1.00	0.02
4.74	131.09	0.95	1.23	1.00	0.01	4.75	133.70	1.00	1.03	1.00	0.01
4.76	131.70	0.96	1.18	1.00	0.01	4.77	128.33	0.90	1.50	1.00	0.02
4.78	128.26	0.90	1.52	1.00	0.02	4.79	127.06	0.88	1.67	1.00	0.02
4.80	123.28	0.82	2.33	1.00	0.02	4.81	121.28	0.79	2.62	1.00	0.03
4.82	114.23	0.70	2.80	1.00	0.03	4.83	109.57	0.65	2.92	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	101.29	0.59	3.17	1.00	0.03	4.85	101.22	0.58	3.17	1.00	0.03
4.86	98.33	0.56	3.27	1.00	0.03	4.87	93.52	0.53	3.44	1.00	0.03
4.88	86.54	0.49	3.71	1.00	0.04	4.89	85.06	0.48	3.78	1.00	0.04
4.90	81.24	0.47	3.95	1.00	0.04	4.91	84.53	0.48	3.80	1.00	0.04
4.92	83.37	0.48	3.85	1.00	0.04	4.93	85.41	0.49	3.76	1.00	0.04
4.94	85.76	0.49	3.75	1.00	0.04	4.95	86.27	0.49	3.73	1.00	0.04
4.96	89.76	0.51	3.58	1.00	0.04	4.97	86.36	0.49	3.72	1.00	0.04
4.98	90.82	0.51	3.54	1.00	0.04	4.99	89.12	0.50	3.61	1.00	0.04
5.00	88.83	0.50	3.62	1.00	0.04	5.01	88.71	0.50	3.62	1.00	0.04
5.02	85.45	0.48	3.76	1.00	0.04	5.03	84.68	0.48	3.79	1.00	0.04
5.04	84.80	0.48	3.79	1.00	0.04	5.05	82.16	0.47	3.91	1.00	0.04
5.06	79.36	0.45	4.04	1.00	0.04	5.07	76.18	0.44	4.20	1.00	0.04
5.08	74.11	0.43	4.31	1.00	0.04	5.09	73.67	0.43	4.34	1.00	0.04
5.10	74.35	0.43	4.30	1.00	0.04	5.11	71.88	0.42	4.44	1.00	0.04
5.12	72.27	0.42	4.42	1.00	0.04	5.13	71.82	0.42	4.44	1.00	0.04
5.14	72.38	0.42	4.41	1.00	0.04	5.15	75.45	0.44	4.24	1.00	0.04
5.16	82.11	0.47	3.91	1.00	0.04	5.17	78.73	0.45	4.07	1.00	0.04
5.18	81.13	0.46	3.96	1.00	0.04	5.19	78.16	0.45	4.10	1.00	0.04
5.20	79.81	0.45	4.02	1.00	0.04	5.21	80.04	0.46	4.01	1.00	0.04
5.22	81.37	0.46	3.94	1.00	0.04	5.23	83.39	0.47	3.85	1.00	0.04
5.24	86.86	0.49	3.70	1.00	0.04	5.25	91.83	0.51	3.50	1.00	0.04
5.26	102.60	0.59	3.13	1.00	0.03	5.27	106.76	0.62	3.00	1.00	0.03
5.28	111.42	0.66	2.87	1.00	0.03	5.29	111.35	0.66	2.87	1.00	0.03
5.30	111.78	0.66	2.86	1.00	0.03	5.31	112.21	0.67	2.85	1.00	0.03
5.32	112.24	0.67	2.85	1.00	0.03	5.33	111.91	0.66	2.86	1.00	0.03
5.34	110.91	0.65	2.89	1.00	0.03	5.35	107.55	0.62	2.98	1.00	0.03
5.36	106.00	0.61	3.03	1.00	0.03	5.37	102.74	0.58	3.13	1.00	0.03
5.38	102.68	0.58	3.13	1.00	0.03	5.39	102.46	0.58	3.13	1.00	0.03
5.40	102.89	0.59	3.12	1.00	0.03	5.41	103.64	0.59	3.10	1.00	0.03
5.42	103.63	0.59	3.10	1.00	0.03	5.43	104.07	0.59	3.08	1.00	0.03
5.44	103.95	0.59	3.09	1.00	0.03	5.45	102.43	0.58	3.14	1.00	0.03
5.46	100.43	0.57	3.20	1.00	0.03	5.47	95.16	0.53	3.38	1.00	0.03
5.48	92.79	0.52	3.47	1.00	0.03	5.49	88.22	0.49	3.64	1.00	0.04
5.50	88.17	0.49	3.65	1.00	0.04	5.51	85.33	0.48	3.77	1.00	0.04
5.52	82.56	0.46	3.89	1.00	0.04	5.53	81.23	0.46	3.95	1.00	0.04
5.54	80.88	0.46	3.97	1.00	0.04	5.55	81.38	0.46	3.94	1.00	0.04
5.56	82.78	0.46	3.88	1.00	0.04	5.57	86.81	0.48	3.70	1.00	0.04
5.58	89.28	0.50	3.60	1.00	0.04	5.59	91.87	0.51	3.50	1.00	0.04
5.60	91.81	0.51	3.50	1.00	0.04	5.61	90.91	0.50	3.54	1.00	0.04
5.62	88.77	0.49	3.62	1.00	0.04	5.63	85.68	0.48	3.75	1.00	0.04
5.64	83.10	0.46	3.86	1.00	0.04	5.65	80.78	0.45	3.97	1.00	0.04
5.66	81.05	0.45	3.96	1.00	0.04	5.67	84.59	0.47	3.80	1.00	0.04
5.68	93.16	0.52	3.45	1.00	0.03	5.69	85.13	0.47	3.77	1.00	0.04
5.70	85.85	0.48	3.74	1.00	0.04	5.71	77.16	0.44	4.15	1.00	0.04
5.72	79.70	0.45	4.02	1.00	0.04	5.73	19.61	2.00	0.00	1.00	0.00
5.74	17.76	2.00	0.00	1.00	0.00	5.75	16.74	2.00	0.00	1.00	0.00
5.76	15.28	2.00	0.00	1.00	0.00	5.77	14.39	2.00	0.00	1.00	0.00
5.78	12.87	2.00	0.00	1.00	0.00	5.79	11.44	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	104.32	0.59	3.08	1.00	0.03	5.81	92.92	0.51	3.46	1.00	0.03
5.82	84.18	0.47	3.82	1.00	0.04	5.83	84.87	0.47	3.79	1.00	0.04
5.84	82.23	0.46	3.90	1.00	0.04	5.85	85.21	0.47	3.77	1.00	0.04
5.86	84.24	0.47	3.81	1.00	0.04	5.87	82.63	0.46	3.89	1.00	0.04
5.88	80.87	0.45	3.97	1.00	0.04	5.89	79.45	0.45	4.04	1.00	0.04
5.90	77.04	0.43	4.16	1.00	0.04	5.91	77.25	0.44	4.15	1.00	0.04
5.92	11.69	2.00	0.00	1.00	0.00	5.93	11.62	2.00	0.00	1.00	0.00
5.94	7.64	2.00	0.00	1.00	0.00	5.95	7.83	2.00	0.00	1.00	0.00
5.96	7.87	2.00	0.00	1.00	0.00	5.97	8.25	2.00	0.00	1.00	0.00
5.98	8.69	2.00	0.00	1.00	0.00	5.99	9.12	2.00	0.00	1.00	0.00
6.00	9.56	2.00	0.00	1.00	0.00	6.01	10.12	2.00	0.00	1.00	0.00
6.02	10.36	2.00	0.00	1.00	0.00	6.03	10.35	2.00	0.00	1.00	0.00
6.04	10.34	2.00	0.00	1.00	0.00	6.05	10.27	2.00	0.00	1.00	0.00
6.06	9.90	2.00	0.00	1.00	0.00	6.07	9.89	2.00	0.00	1.00	0.00
6.08	10.13	2.00	0.00	1.00	0.00	6.09	10.25	2.00	0.00	1.00	0.00
6.10	10.25	2.00	0.00	1.00	0.00	6.11	10.05	2.00	0.00	1.00	0.00
6.12	10.05	2.00	0.00	1.00	0.00	6.13	9.97	2.00	0.00	1.00	0.00
6.14	9.97	2.00	0.00	1.00	0.00	6.15	9.96	2.00	0.00	1.00	0.00
6.16	9.95	2.00	0.00	1.00	0.00	6.17	9.83	2.00	0.00	1.00	0.00
6.18	9.63	2.00	0.00	1.00	0.00	6.19	9.32	2.00	0.00	1.00	0.00
6.20	9.31	2.00	0.00	1.00	0.00	6.21	9.05	2.00	0.00	1.00	0.00
6.22	8.98	2.00	0.00	1.00	0.00	6.23	8.92	2.00	0.00	1.00	0.00
6.24	8.85	2.00	0.00	1.00	0.00	6.25	8.72	2.00	0.00	1.00	0.00
6.26	8.65	2.00	0.00	1.00	0.00	6.27	8.71	2.00	0.00	1.00	0.00
6.28	8.83	2.00	0.00	1.00	0.00	6.29	8.82	2.00	0.00	1.00	0.00
6.30	8.88	2.00	0.00	1.00	0.00	6.31	8.88	2.00	0.00	1.00	0.00
6.32	8.81	2.00	0.00	1.00	0.00	6.33	8.73	2.00	0.00	1.00	0.00
6.34	8.73	2.00	0.00	1.00	0.00	6.35	8.91	2.00	0.00	1.00	0.00
6.36	8.72	2.00	0.00	1.00	0.00	6.37	8.47	2.00	0.00	1.00	0.00
6.38	8.47	2.00	0.00	1.00	0.00	6.39	8.52	2.00	0.00	1.00	0.00
6.40	8.51	2.00	0.00	1.00	0.00	6.41	8.45	2.00	0.00	1.00	0.00
6.42	8.45	2.00	0.00	1.00	0.00	6.43	8.44	2.00	0.00	1.00	0.00
6.44	8.56	2.00	0.00	1.00	0.00	6.45	8.80	2.00	0.00	1.00	0.00
6.46	8.73	2.00	0.00	1.00	0.00	6.47	8.91	2.00	0.00	1.00	0.00
6.48	8.91	2.00	0.00	1.00	0.00	6.49	8.90	2.00	0.00	1.00	0.00
6.50	8.96	2.00	0.00	1.00	0.00	6.51	9.01	2.00	0.00	1.00	0.00
6.52	9.13	2.00	0.00	1.00	0.00	6.53	9.37	2.00	0.00	1.00	0.00
6.54	10.28	2.00	0.00	1.00	0.00	6.55	11.01	2.00	0.00	1.00	0.00
6.56	12.70	2.00	0.00	1.00	0.00	6.57	12.70	2.00	0.00	1.00	0.00
6.58	13.42	2.00	0.00	1.00	0.00	6.59	13.95	2.00	0.00	1.00	0.00
6.60	14.48	2.00	0.00	1.00	0.00	6.61	14.96	2.00	0.00	1.00	0.00
6.62	14.94	2.00	0.00	1.00	0.00	6.63	15.52	2.00	0.00	1.00	0.00
6.64	15.57	2.00	0.00	1.00	0.00	6.65	15.74	2.00	0.00	1.00	0.00
6.66	15.72	2.00	0.00	1.00	0.00	6.67	15.71	2.00	0.00	1.00	0.00
6.68	15.81	2.00	0.00	1.00	0.00	6.69	15.74	2.00	0.00	1.00	0.00
6.70	16.03	2.00	0.00	1.00	0.00	6.71	16.31	2.00	0.00	1.00	0.00
6.72	16.36	2.00	0.00	1.00	0.00	6.73	16.46	2.00	0.00	1.00	0.00
6.74	16.44	2.00	0.00	1.00	0.00	6.75	16.79	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	17.18	2.00	0.00	1.00	0.00	6.77	17.65	2.00	0.00	1.00	0.00
6.78	17.64	2.00	0.00	1.00	0.00	6.79	17.45	2.00	0.00	1.00	0.00
6.80	17.08	2.00	0.00	1.00	0.00	6.81	16.94	2.00	0.00	1.00	0.00
6.82	16.99	2.00	0.00	1.00	0.00	6.83	16.98	2.00	0.00	1.00	0.00
6.84	16.97	2.00	0.00	1.00	0.00	6.85	17.02	2.00	0.00	1.00	0.00
6.86	16.94	2.00	0.00	1.00	0.00	6.87	17.05	2.00	0.00	1.00	0.00
6.88	17.21	2.00	0.00	1.00	0.00	6.89	16.79	2.00	0.00	1.00	0.00
6.90	16.48	2.00	0.00	1.00	0.00	6.91	16.18	2.00	0.00	1.00	0.00
6.92	16.17	2.00	0.00	1.00	0.00	6.93	15.93	2.00	0.00	1.00	0.00
6.94	15.97	2.00	0.00	1.00	0.00	6.95	15.85	2.00	0.00	1.00	0.00
6.96	15.60	2.00	0.00	1.00	0.00	6.97	15.41	2.00	0.00	1.00	0.00
6.98	15.53	2.00	0.00	1.00	0.00	6.99	15.34	2.00	0.00	1.00	0.00
7.00	15.33	2.00	0.00	1.00	0.00	7.01	15.54	2.00	0.00	1.00	0.00
7.02	15.71	2.00	0.00	1.00	0.00	7.03	15.87	2.00	0.00	1.00	0.00
7.04	16.27	2.00	0.00	1.00	0.00	7.05	16.37	2.00	0.00	1.00	0.00
7.06	16.36	2.00	0.00	1.00	0.00	7.07	16.80	2.00	0.00	1.00	0.00
7.08	16.78	2.00	0.00	1.00	0.00	7.09	17.08	2.00	0.00	1.00	0.00
7.10	17.07	2.00	0.00	1.00	0.00	7.11	17.11	2.00	0.00	1.00	0.00
7.12	16.36	2.00	0.00	1.00	0.00	7.13	16.34	2.00	0.00	1.00	0.00
7.14	15.81	2.00	0.00	1.00	0.00	7.15	15.11	2.00	0.00	1.00	0.00
7.16	14.82	2.00	0.00	1.00	0.00	7.17	14.63	2.00	0.00	1.00	0.00
7.18	14.86	2.00	0.00	1.00	0.00	7.19	14.90	2.00	0.00	1.00	0.00
7.20	14.89	2.00	0.00	1.00	0.00	7.21	15.05	2.00	0.00	1.00	0.00
7.22	14.82	2.00	0.00	1.00	0.00	7.23	14.75	2.00	0.00	1.00	0.00
7.24	14.51	2.00	0.00	1.00	0.00	7.25	14.10	2.00	0.00	1.00	0.00
7.26	13.64	2.00	0.00	1.00	0.00	7.27	13.63	2.00	0.00	1.00	0.00
7.28	13.56	2.00	0.00	1.00	0.00	7.29	13.61	2.00	0.00	1.00	0.00
7.30	13.31	2.00	0.00	1.00	0.00	7.31	13.25	2.00	0.00	1.00	0.00
7.32	13.41	2.00	0.00	1.00	0.00	7.33	13.28	2.00	0.00	1.00	0.00
7.34	13.16	2.00	0.00	1.00	0.00	7.35	13.15	2.00	0.00	1.00	0.00
7.36	13.38	2.00	0.00	1.00	0.00	7.37	13.82	2.00	0.00	1.00	0.00
7.38	13.75	2.00	0.00	1.00	0.00	7.39	13.74	2.00	0.00	1.00	0.00
7.40	13.51	2.00	0.00	1.00	0.00	7.41	13.66	2.00	0.00	1.00	0.00
7.42	13.65	2.00	0.00	1.00	0.00	7.43	13.42	2.00	0.00	1.00	0.00
7.44	13.18	2.00	0.00	1.00	0.00	7.45	13.17	2.00	0.00	1.00	0.00
7.46	12.89	2.00	0.00	1.00	0.00	7.47	12.99	2.00	0.00	1.00	0.00
7.48	12.98	2.00	0.00	1.00	0.00	7.49	13.03	2.00	0.00	1.00	0.00
7.50	13.02	2.00	0.00	1.00	0.00	7.51	12.67	2.00	0.00	1.00	0.00
7.52	12.66	2.00	0.00	1.00	0.00	7.53	12.49	2.00	0.00	1.00	0.00
7.54	12.26	2.00	0.00	1.00	0.00	7.55	12.30	2.00	0.00	1.00	0.00
7.56	12.01	2.00	0.00	1.00	0.00	7.57	12.01	2.00	0.00	1.00	0.00
7.58	11.77	2.00	0.00	1.00	0.00	7.59	11.76	2.00	0.00	1.00	0.00
7.60	12.04	2.00	0.00	1.00	0.00	7.61	11.75	2.00	0.00	1.00	0.00
7.62	11.86	2.00	0.00	1.00	0.00	7.63	11.45	2.00	0.00	1.00	0.00
7.64	11.44	2.00	0.00	1.00	0.00	7.65	11.21	2.00	0.00	1.00	0.00
7.66	10.98	2.00	0.00	1.00	0.00	7.67	10.98	2.00	0.00	1.00	0.00
7.68	10.86	2.00	0.00	1.00	0.00	7.69	10.52	2.00	0.00	1.00	0.00
7.70	10.45	2.00	0.00	1.00	0.00	7.71	10.55	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	10.54	2.00	0.00	1.00	0.00	7.73	10.66	2.00	0.00	1.00	0.00
7.74	10.53	2.00	0.00	1.00	0.00	7.75	10.69	2.00	0.00	1.00	0.00
7.76	10.92	2.00	0.00	1.00	0.00	7.77	11.19	2.00	0.00	1.00	0.00
7.78	11.18	2.00	0.00	1.00	0.00	7.79	11.17	2.00	0.00	1.00	0.00
7.80	11.44	2.00	0.00	1.00	0.00	7.81	11.55	2.00	0.00	1.00	0.00
7.82	11.66	2.00	0.00	1.00	0.00	7.83	11.65	2.00	0.00	1.00	0.00
7.84	11.37	2.00	0.00	1.00	0.00	7.85	11.36	2.00	0.00	1.00	0.00
7.86	11.13	2.00	0.00	1.00	0.00	7.87	11.12	2.00	0.00	1.00	0.00
7.88	10.94	2.00	0.00	1.00	0.00	7.89	10.83	2.00	0.00	1.00	0.00
7.90	10.88	2.00	0.00	1.00	0.00	7.91	10.76	2.00	0.00	1.00	0.00
7.92	10.75	2.00	0.00	1.00	0.00	7.93	10.74	2.00	0.00	1.00	0.00
7.94	10.74	2.00	0.00	1.00	0.00	7.95	10.73	2.00	0.00	1.00	0.00
7.96	10.62	2.00	0.00	1.00	0.00	7.97	10.50	2.00	0.00	1.00	0.00
7.98	10.27	2.00	0.00	1.00	0.00	7.99	10.16	2.00	0.00	1.00	0.00
8.00	10.09	2.00	0.00	1.00	0.00	8.01	10.09	2.00	0.00	1.00	0.00
8.02	10.14	2.00	0.00	1.00	0.00	8.03	10.01	2.00	0.00	1.00	0.00
8.04	9.96	2.00	0.00	1.00	0.00	8.05	10.12	2.00	0.00	1.00	0.00
8.06	10.22	2.00	0.00	1.00	0.00	8.07	10.22	2.00	0.00	1.00	0.00
8.08	9.75	2.00	0.00	1.00	0.00	8.09	9.74	2.00	0.00	1.00	0.00
8.10	9.26	2.00	0.00	1.00	0.00	8.11	10.58	2.00	0.00	1.00	0.00
8.12	10.58	2.00	0.00	1.00	0.00	8.13	10.68	2.00	0.00	1.00	0.00
8.14	10.56	2.00	0.00	1.00	0.00	8.15	10.67	2.00	0.00	1.00	0.00
8.16	10.66	2.00	0.00	1.00	0.00	8.17	10.71	2.00	0.00	1.00	0.00
8.18	10.75	2.00	0.00	1.00	0.00	8.19	10.91	2.00	0.00	1.00	0.00
8.20	11.18	2.00	0.00	1.00	0.00	8.21	11.23	2.00	0.00	1.00	0.00
8.22	11.61	2.00	0.00	1.00	0.00	8.23	11.60	2.00	0.00	1.00	0.00
8.24	11.64	2.00	0.00	1.00	0.00	8.25	11.86	2.00	0.00	1.00	0.00
8.26	11.90	2.00	0.00	1.00	0.00	8.27	11.95	2.00	0.00	1.00	0.00
8.28	12.05	2.00	0.00	1.00	0.00	8.29	12.04	2.00	0.00	1.00	0.00
8.30	11.99	2.00	0.00	1.00	0.00	8.31	12.03	2.00	0.00	1.00	0.00
8.32	11.91	2.00	0.00	1.00	0.00	8.33	11.85	2.00	0.00	1.00	0.00
8.34	11.80	2.00	0.00	1.00	0.00	8.35	11.95	2.00	0.00	1.00	0.00
8.36	11.95	2.00	0.00	1.00	0.00	8.37	12.15	2.00	0.00	1.00	0.00
8.38	12.14	2.00	0.00	1.00	0.00	8.39	11.92	2.00	0.00	1.00	0.00
8.40	11.75	2.00	0.00	1.00	0.00	8.41	11.79	2.00	0.00	1.00	0.00
8.42	11.90	2.00	0.00	1.00	0.00	8.43	11.90	2.00	0.00	1.00	0.00
8.44	11.99	2.00	0.00	1.00	0.00	8.45	11.99	2.00	0.00	1.00	0.00
8.46	11.76	2.00	0.00	1.00	0.00	8.47	11.71	2.00	0.00	1.00	0.00
8.48	11.70	2.00	0.00	1.00	0.00	8.49	11.86	2.00	0.00	1.00	0.00
8.50	11.89	2.00	0.00	1.00	0.00	8.51	11.84	2.00	0.00	1.00	0.00
8.52	11.83	2.00	0.00	1.00	0.00	8.53	11.93	2.00	0.00	1.00	0.00
8.54	11.87	2.00	0.00	1.00	0.00	8.55	11.86	2.00	0.00	1.00	0.00
8.56	11.97	2.00	0.00	1.00	0.00	8.57	11.90	2.00	0.00	1.00	0.00
8.58	11.90	2.00	0.00	1.00	0.00	8.59	11.99	2.00	0.00	1.00	0.00
8.60	11.99	2.00	0.00	1.00	0.00	8.61	11.98	2.00	0.00	1.00	0.00
8.62	11.93	2.00	0.00	1.00	0.00	8.63	11.92	2.00	0.00	1.00	0.00
8.64	12.02	2.00	0.00	1.00	0.00	8.65	11.75	2.00	0.00	1.00	0.00
8.66	11.68	2.00	0.00	1.00	0.00	8.67	11.57	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	11.57	2.00	0.00	1.00	0.00	8.69	11.40	2.00	0.00	1.00	0.00
8.70	11.29	2.00	0.00	1.00	0.00	8.71	10.85	2.00	0.00	1.00	0.00
8.72	10.74	2.00	0.00	1.00	0.00	8.73	10.52	2.00	0.00	1.00	0.00
8.74	10.51	2.00	0.00	1.00	0.00	8.75	10.30	2.00	0.00	1.00	0.00
8.76	10.40	2.00	0.00	1.00	0.00	8.77	10.50	2.00	0.00	1.00	0.00
8.78	10.61	2.00	0.00	1.00	0.00	8.79	10.60	2.00	0.00	1.00	0.00
8.80	10.59	2.00	0.00	1.00	0.00	8.81	10.59	2.00	0.00	1.00	0.00
8.82	10.53	2.00	0.00	1.00	0.00	8.83	10.78	2.00	0.00	1.00	0.00
8.84	10.99	2.00	0.00	1.00	0.00	8.85	11.04	2.00	0.00	1.00	0.00
8.86	11.04	2.00	0.00	1.00	0.00	8.87	11.03	2.00	0.00	1.00	0.00
8.88	10.91	2.00	0.00	1.00	0.00	8.89	10.86	2.00	0.00	1.00	0.00
8.90	10.85	2.00	0.00	1.00	0.00	8.91	11.01	2.00	0.00	1.00	0.00
8.92	10.89	2.00	0.00	1.00	0.00	8.93	10.88	2.00	0.00	1.00	0.00
8.94	10.88	2.00	0.00	1.00	0.00	8.95	10.71	2.00	0.00	1.00	0.00
8.96	10.76	2.00	0.00	1.00	0.00	8.97	10.70	2.00	0.00	1.00	0.00
8.98	11.07	2.00	0.00	1.00	0.00	8.99	11.12	2.00	0.00	1.00	0.00
9.00	11.31	2.00	0.00	1.00	0.00	9.01	11.31	2.00	0.00	1.00	0.00
9.02	11.40	2.00	0.00	1.00	0.00	9.03	11.71	2.00	0.00	1.00	0.00
9.04	11.82	2.00	0.00	1.00	0.00	9.05	12.07	2.00	0.00	1.00	0.00
9.06	12.01	2.00	0.00	1.00	0.00	9.07	12.00	2.00	0.00	1.00	0.00
9.08	11.99	2.00	0.00	1.00	0.00	9.09	12.02	2.00	0.00	1.00	0.00
9.10	12.09	2.00	0.00	1.00	0.00	9.11	12.09	2.00	0.00	1.00	0.00
9.12	12.54	2.00	0.00	1.00	0.00	9.13	12.53	2.00	0.00	1.00	0.00
9.14	12.74	2.00	0.00	1.00	0.00	9.15	12.94	2.00	0.00	1.00	0.00
9.16	13.14	2.00	0.00	1.00	0.00	9.17	13.60	2.00	0.00	1.00	0.00
9.18	13.59	2.00	0.00	1.00	0.00	9.19	13.74	2.00	0.00	1.00	0.00
9.20	13.94	2.00	0.00	1.00	0.00	9.21	14.04	2.00	0.00	1.00	0.00
9.22	14.03	2.00	0.00	1.00	0.00	9.23	14.23	2.00	0.00	1.00	0.00
9.24	14.22	2.00	0.00	1.00	0.00	9.25	14.06	2.00	0.00	1.00	0.00
9.26	14.00	2.00	0.00	1.00	0.00	9.27	13.31	2.00	0.00	1.00	0.00
9.28	12.85	2.00	0.00	1.00	0.00	9.29	12.64	2.00	0.00	1.00	0.00
9.30	12.63	2.00	0.00	1.00	0.00	9.31	12.47	2.00	0.00	1.00	0.00
9.32	12.25	2.00	0.00	1.00	0.00	9.33	11.95	2.00	0.00	1.00	0.00
9.34	11.73	2.00	0.00	1.00	0.00	9.35	11.57	2.00	0.00	1.00	0.00
9.36	11.56	2.00	0.00	1.00	0.00	9.37	11.61	2.00	0.00	1.00	0.00
9.38	11.65	2.00	0.00	1.00	0.00	9.39	11.80	2.00	0.00	1.00	0.00
9.40	11.85	2.00	0.00	1.00	0.00	9.41	11.94	2.00	0.00	1.00	0.00
9.42	11.93	2.00	0.00	1.00	0.00	9.43	12.13	2.00	0.00	1.00	0.00
9.44	12.38	2.00	0.00	1.00	0.00	9.45	12.22	2.00	0.00	1.00	0.00
9.46	12.11	2.00	0.00	1.00	0.00	9.47	11.65	2.00	0.00	1.00	0.00
9.48	11.64	2.00	0.00	1.00	0.00	9.49	11.79	2.00	0.00	1.00	0.00
9.50	11.63	2.00	0.00	1.00	0.00	9.51	11.62	2.00	0.00	1.00	0.00
9.52	11.92	2.00	0.00	1.00	0.00	9.53	12.11	2.00	0.00	1.00	0.00
9.54	12.11	2.00	0.00	1.00	0.00	9.55	12.25	2.00	0.00	1.00	0.00
9.56	12.46	2.00	0.00	1.00	0.00	9.57	12.75	2.00	0.00	1.00	0.00
9.58	13.15	2.00	0.00	1.00	0.00	9.59	13.05	2.00	0.00	1.00	0.00
9.60	12.73	2.00	0.00	1.00	0.00	9.61	12.73	2.00	0.00	1.00	0.00
9.62	12.67	2.00	0.00	1.00	0.00	9.63	12.46	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.00	2.00	0.00	1.00	0.00	9.65	11.69	2.00	0.00	1.00	0.00
9.66	11.59	2.00	0.00	1.00	0.00	9.67	11.58	2.00	0.00	1.00	0.00
9.68	11.52	2.00	0.00	1.00	0.00	9.69	11.42	2.00	0.00	1.00	0.00
9.70	11.41	2.00	0.00	1.00	0.00	9.71	11.40	2.00	0.00	1.00	0.00
9.72	11.14	2.00	0.00	1.00	0.00	9.73	11.13	2.00	0.00	1.00	0.00
9.74	11.13	2.00	0.00	1.00	0.00	9.75	11.38	2.00	0.00	1.00	0.00
9.76	11.68	2.00	0.00	1.00	0.00	9.77	11.77	2.00	0.00	1.00	0.00
9.78	11.92	2.00	0.00	1.00	0.00	9.79	11.91	2.00	0.00	1.00	0.00
9.80	11.95	2.00	0.00	1.00	0.00	9.81	11.94	2.00	0.00	1.00	0.00
9.82	12.09	2.00	0.00	1.00	0.00	9.83	11.98	2.00	0.00	1.00	0.00
9.84	12.03	2.00	0.00	1.00	0.00	9.85	12.07	2.00	0.00	1.00	0.00
9.86	12.06	2.00	0.00	1.00	0.00	9.87	11.90	2.00	0.00	1.00	0.00
9.88	12.05	2.00	0.00	1.00	0.00	9.89	11.95	2.00	0.00	1.00	0.00
9.90	11.54	2.00	0.00	1.00	0.00	9.91	11.18	2.00	0.00	1.00	0.00
9.92	11.17	2.00	0.00	1.00	0.00	9.93	11.13	2.00	0.00	1.00	0.00
9.94	11.07	2.00	0.00	1.00	0.00	9.95	10.91	2.00	0.00	1.00	0.00
9.96	10.66	2.00	0.00	1.00	0.00	9.97	10.45	2.00	0.00	1.00	0.00
9.98	10.44	2.00	0.00	1.00	0.00	9.99	10.39	2.00	0.00	1.00	0.00
10.00	10.24	2.00	0.00	1.00	0.00	10.01	9.93	2.00	0.00	1.00	0.00
10.02	9.78	2.00	0.00	1.00	0.00	10.03	9.53	2.00	0.00	1.00	0.00
10.04	9.52	2.00	0.00	1.00	0.00	10.05	9.31	2.00	0.00	1.00	0.00
10.06	9.36	2.00	0.00	1.00	0.00	10.07	9.45	2.00	0.00	1.00	0.00
10.08	9.35	2.00	0.00	1.00	0.00	10.09	9.17	2.00	0.00	1.00	0.00
10.10	9.16	2.00	0.00	1.00	0.00	10.11	9.04	2.00	0.00	1.00	0.00
10.12	9.04	2.00	0.00	1.00	0.00	10.13	8.98	2.00	0.00	1.00	0.00
10.14	9.12	2.00	0.00	1.00	0.00	10.15	9.12	2.00	0.00	1.00	0.00
10.16	9.17	2.00	0.00	1.00	0.00	10.17	9.11	2.00	0.00	1.00	0.00
10.18	9.20	2.00	0.00	1.00	0.00	10.19	9.20	2.00	0.00	1.00	0.00
10.20	9.19	2.00	0.00	1.00	0.00	10.21	9.09	2.00	0.00	1.00	0.00
10.22	9.03	2.00	0.00	1.00	0.00	10.23	8.99	2.00	0.00	1.00	0.00
10.24	8.83	2.00	0.00	1.00	0.00	10.25	8.78	2.00	0.00	1.00	0.00
10.26	8.77	2.00	0.00	1.00	0.00	10.27	8.86	2.00	0.00	1.00	0.00
10.28	8.82	2.00	0.00	1.00	0.00	10.29	8.76	2.00	0.00	1.00	0.00
10.30	8.61	2.00	0.00	1.00	0.00	10.31	8.80	2.00	0.00	1.00	0.00
10.32	8.80	2.00	0.00	1.00	0.00	10.33	8.98	2.00	0.00	1.00	0.00
10.34	9.18	2.00	0.00	1.00	0.00	10.35	9.52	2.00	0.00	1.00	0.00
10.36	9.86	2.00	0.00	1.00	0.00	10.37	10.44	2.00	0.00	1.00	0.00
10.38	10.44	2.00	0.00	1.00	0.00	10.39	10.67	2.00	0.00	1.00	0.00
10.40	10.91	2.00	0.00	1.00	0.00	10.41	10.81	2.00	0.00	1.00	0.00
10.42	10.61	2.00	0.00	1.00	0.00	10.43	10.32	2.00	0.00	1.00	0.00
10.44	10.31	2.00	0.00	1.00	0.00	10.45	10.16	2.00	0.00	1.00	0.00
10.46	9.81	2.00	0.00	1.00	0.00	10.47	9.51	2.00	0.00	1.00	0.00
10.48	9.41	2.00	0.00	1.00	0.00	10.49	9.11	2.00	0.00	1.00	0.00
10.50	9.11	2.00	0.00	1.00	0.00	10.51	9.01	2.00	0.00	1.00	0.00
10.52	9.19	2.00	0.00	1.00	0.00	10.53	9.19	2.00	0.00	1.00	0.00
10.54	9.04	2.00	0.00	1.00	0.00	10.55	8.94	2.00	0.00	1.00	0.00
10.56	8.94	2.00	0.00	1.00	0.00	10.57	8.88	2.00	0.00	1.00	0.00
10.58	8.73	2.00	0.00	1.00	0.00	10.59	8.78	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	8.97	2.00	0.00	1.00	0.00	10.61	8.97	2.00	0.00	1.00	0.00
10.62	8.96	2.00	0.00	1.00	0.00	10.63	8.91	2.00	0.00	1.00	0.00
10.64	8.90	2.00	0.00	1.00	0.00	10.65	8.90	2.00	0.00	1.00	0.00
10.66	8.95	2.00	0.00	1.00	0.00	10.67	8.98	2.00	0.00	1.00	0.00
10.68	9.23	2.00	0.00	1.00	0.00	10.69	9.22	2.00	0.00	1.00	0.00
10.70	9.36	2.00	0.00	1.00	0.00	10.71	9.36	2.00	0.00	1.00	0.00
10.72	9.30	2.00	0.00	1.00	0.00	10.73	9.06	2.00	0.00	1.00	0.00
10.74	9.06	2.00	0.00	1.00	0.00	10.75	9.05	2.00	0.00	1.00	0.00
10.76	9.19	2.00	0.00	1.00	0.00	10.77	9.37	2.00	0.00	1.00	0.00
10.78	9.42	2.00	0.00	1.00	0.00	10.79	9.27	2.00	0.00	1.00	0.00
10.80	9.27	2.00	0.00	1.00	0.00	10.81	9.26	2.00	0.00	1.00	0.00
10.82	9.31	2.00	0.00	1.00	0.00	10.83	9.31	2.00	0.00	1.00	0.00
10.84	9.20	2.00	0.00	1.00	0.00	10.85	9.15	2.00	0.00	1.00	0.00
10.86	9.33	2.00	0.00	1.00	0.00	10.87	9.33	2.00	0.00	1.00	0.00
10.88	9.52	2.00	0.00	1.00	0.00	10.89	9.66	2.00	0.00	1.00	0.00
10.90	10.13	2.00	0.00	1.00	0.00	10.91	10.41	2.00	0.00	1.00	0.00
10.92	10.79	2.00	0.00	1.00	0.00	10.93	10.78	2.00	0.00	1.00	0.00
10.94	10.78	2.00	0.00	1.00	0.00	10.95	10.63	2.00	0.00	1.00	0.00
10.96	10.62	2.00	0.00	1.00	0.00	10.97	10.20	2.00	0.00	1.00	0.00
10.98	10.19	2.00	0.00	1.00	0.00	10.99	10.19	2.00	0.00	1.00	0.00
11.00	10.28	2.00	0.00	1.00	0.00	11.01	10.13	2.00	0.00	1.00	0.00
11.02	10.17	2.00	0.00	1.00	0.00	11.03	10.30	2.00	0.00	1.00	0.00
11.04	10.30	2.00	0.00	1.00	0.00	11.05	10.44	2.00	0.00	1.00	0.00
11.06	10.43	2.00	0.00	1.00	0.00	11.07	10.62	2.00	0.00	1.00	0.00
11.08	10.71	2.00	0.00	1.00	0.00	11.09	9.66	2.00	0.00	1.00	0.00
11.10	9.66	2.00	0.00	1.00	0.00	11.11	10.51	2.00	0.00	1.00	0.00
11.12	10.59	2.00	0.00	1.00	0.00	11.13	10.82	2.00	0.00	1.00	0.00
11.14	10.82	2.00	0.00	1.00	0.00	11.15	10.72	2.00	0.00	1.00	0.00
11.16	10.66	2.00	0.00	1.00	0.00	11.17	10.66	2.00	0.00	1.00	0.00
11.18	10.76	2.00	0.00	1.00	0.00	11.19	10.79	2.00	0.00	1.00	0.00
11.20	10.64	2.00	0.00	1.00	0.00	11.21	10.55	2.00	0.00	1.00	0.00
11.22	10.59	2.00	0.00	1.00	0.00	11.23	10.59	2.00	0.00	1.00	0.00
11.24	10.62	2.00	0.00	1.00	0.00	11.25	10.90	2.00	0.00	1.00	0.00
11.26	11.00	2.00	0.00	1.00	0.00	11.27	11.37	2.00	0.00	1.00	0.00
11.28	11.36	2.00	0.00	1.00	0.00	11.29	11.64	2.00	0.00	1.00	0.00
11.30	11.96	2.00	0.00	1.00	0.00	11.31	12.32	2.00	0.00	1.00	0.00
11.32	12.42	2.00	0.00	1.00	0.00	11.33	12.88	2.00	0.00	1.00	0.00
11.34	12.87	2.00	0.00	1.00	0.00	11.35	13.10	2.00	0.00	1.00	0.00
11.36	13.33	2.00	0.00	1.00	0.00	11.37	13.08	2.00	0.00	1.00	0.00
11.38	12.62	2.00	0.00	1.00	0.00	11.39	12.61	2.00	0.00	1.00	0.00
11.40	12.51	2.00	0.00	1.00	0.00	11.41	12.41	2.00	0.00	1.00	0.00
11.42	12.36	2.00	0.00	1.00	0.00	11.43	12.50	2.00	0.00	1.00	0.00
11.44	12.77	2.00	0.00	1.00	0.00	11.45	12.76	2.00	0.00	1.00	0.00
11.46	12.76	2.00	0.00	1.00	0.00	11.47	12.65	2.00	0.00	1.00	0.00
11.48	12.75	2.00	0.00	1.00	0.00	11.49	12.97	2.00	0.00	1.00	0.00
11.50	13.01	2.00	0.00	1.00	0.00	11.51	13.00	2.00	0.00	1.00	0.00
11.52	12.90	2.00	0.00	1.00	0.00	11.53	12.99	2.00	0.00	1.00	0.00
11.54	13.22	2.00	0.00	1.00	0.00	11.55	13.21	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	13.49	2.00	0.00	1.00	0.00	11.57	13.48	2.00	0.00	1.00	0.00
11.58	13.71	2.00	0.00	1.00	0.00	11.59	13.88	2.00	0.00	1.00	0.00
11.60	14.20	2.00	0.00	1.00	0.00	11.61	14.28	2.00	0.00	1.00	0.00
11.62	14.47	2.00	0.00	1.00	0.00	11.63	14.46	2.00	0.00	1.00	0.00
11.64	14.59	2.00	0.00	1.00	0.00	11.65	14.81	2.00	0.00	1.00	0.00
11.66	14.86	2.00	0.00	1.00	0.00	11.67	14.80	2.00	0.00	1.00	0.00
11.68	15.02	2.00	0.00	1.00	0.00	11.69	15.02	2.00	0.00	1.00	0.00
11.70	15.25	2.00	0.00	1.00	0.00	11.71	15.28	2.00	0.00	1.00	0.00
11.72	15.18	2.00	0.00	1.00	0.00	11.73	15.31	2.00	0.00	1.00	0.00
11.74	15.31	2.00	0.00	1.00	0.00	11.75	15.49	2.00	0.00	1.00	0.00
11.76	15.43	2.00	0.00	1.00	0.00	11.77	15.15	2.00	0.00	1.00	0.00
11.78	14.81	2.00	0.00	1.00	0.00	11.79	13.99	2.00	0.00	1.00	0.00
11.80	13.98	2.00	0.00	1.00	0.00	11.81	13.51	2.00	0.00	1.00	0.00
11.82	13.41	2.00	0.00	1.00	0.00	11.83	13.08	2.00	0.00	1.00	0.00
11.84	12.80	2.00	0.00	1.00	0.00	11.85	12.53	2.00	0.00	1.00	0.00
11.86	12.52	2.00	0.00	1.00	0.00	11.87	12.38	2.00	0.00	1.00	0.00
11.88	12.00	2.00	0.00	1.00	0.00	11.89	11.54	2.00	0.00	1.00	0.00
11.90	11.40	2.00	0.00	1.00	0.00	11.91	11.16	2.00	0.00	1.00	0.00
11.92	11.16	2.00	0.00	1.00	0.00	11.93	10.97	2.00	0.00	1.00	0.00
11.94	10.37	2.00	0.00	1.00	0.00	11.95	10.18	2.00	0.00	1.00	0.00
11.96	10.04	2.00	0.00	1.00	0.00	11.97	10.03	2.00	0.00	1.00	0.00
11.98	9.94	2.00	0.00	1.00	0.00	11.99	9.84	2.00	0.00	1.00	0.00
12.00	9.71	2.00	0.00	1.00	0.00	12.01	9.65	2.00	0.00	1.00	0.00
12.02	9.60	2.00	0.00	1.00	0.00	12.03	9.60	2.00	0.00	1.00	0.00
12.04	9.73	2.00	0.00	1.00	0.00	12.05	9.81	2.00	0.00	1.00	0.00
12.06	9.86	2.00	0.00	1.00	0.00	12.07	10.04	2.00	0.00	1.00	0.00
12.08	10.27	2.00	0.00	1.00	0.00	12.09	10.27	2.00	0.00	1.00	0.00
12.10	10.94	2.00	0.00	1.00	0.00	12.11	10.88	2.00	0.00	1.00	0.00
12.12	11.06	2.00	0.00	1.00	0.00	12.13	11.06	2.00	0.00	1.00	0.00
12.14	11.09	2.00	0.00	1.00	0.00	12.15	10.91	2.00	0.00	1.00	0.00
12.16	10.81	2.00	0.00	1.00	0.00	12.17	10.86	2.00	0.00	1.00	0.00
12.18	10.85	2.00	0.00	1.00	0.00	12.19	10.98	2.00	0.00	1.00	0.00
12.20	11.25	2.00	0.00	1.00	0.00	12.21	11.38	2.00	0.00	1.00	0.00
12.22	11.69	2.00	0.00	1.00	0.00	12.23	11.68	2.00	0.00	1.00	0.00
12.24	11.78	2.00	0.00	1.00	0.00	12.25	11.91	2.00	0.00	1.00	0.00
12.26	12.08	2.00	0.00	1.00	0.00	12.27	12.03	2.00	0.00	1.00	0.00
12.28	11.93	2.00	0.00	1.00	0.00	12.29	11.93	2.00	0.00	1.00	0.00
12.30	11.92	2.00	0.00	1.00	0.00	12.31	11.78	2.00	0.00	1.00	0.00
12.32	11.60	2.00	0.00	1.00	0.00	12.33	11.28	2.00	0.00	1.00	0.00
12.34	11.27	2.00	0.00	1.00	0.00	12.35	10.91	2.00	0.00	1.00	0.00
12.36	10.68	2.00	0.00	1.00	0.00	12.37	10.46	2.00	0.00	1.00	0.00
12.38	10.27	2.00	0.00	1.00	0.00	12.39	9.91	2.00	0.00	1.00	0.00
12.40	9.90	2.00	0.00	1.00	0.00	12.41	9.49	2.00	0.00	1.00	0.00
12.42	8.90	2.00	0.00	1.00	0.00	12.43	8.72	2.00	0.00	1.00	0.00
12.44	8.59	2.00	0.00	1.00	0.00	12.45	8.58	2.00	0.00	1.00	0.00
12.46	8.71	2.00	0.00	1.00	0.00	12.47	8.88	2.00	0.00	1.00	0.00
12.48	8.88	2.00	0.00	1.00	0.00	12.49	8.97	2.00	0.00	1.00	0.00
12.50	9.32	2.00	0.00	1.00	0.00	12.51	9.32	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	9.54	2.00	0.00	1.00	0.00	12.53	9.62	2.00	0.00	1.00	0.00
12.54	9.53	2.00	0.00	1.00	0.00	12.55	9.31	2.00	0.00	1.00	0.00
12.56	9.30	2.00	0.00	1.00	0.00	12.57	9.25	2.00	0.00	1.00	0.00
12.58	9.43	2.00	0.00	1.00	0.00	12.59	9.56	2.00	0.00	1.00	0.00
12.60	9.59	2.00	0.00	1.00	0.00	12.61	9.77	2.00	0.00	1.00	0.00
12.62	9.77	2.00	0.00	1.00	0.00	12.63	9.85	2.00	0.00	1.00	0.00
12.64	9.94	2.00	0.00	1.00	0.00	12.65	10.34	2.00	0.00	1.00	0.00
12.66	10.34	2.00	0.00	1.00	0.00	12.67	10.33	2.00	0.00	1.00	0.00
12.68	10.33	2.00	0.00	1.00	0.00	12.69	10.54	2.00	0.00	1.00	0.00
12.70	10.67	2.00	0.00	1.00	0.00	12.71	10.75	2.00	0.00	1.00	0.00
12.72	10.93	2.00	0.00	1.00	0.00	12.73	10.93	2.00	0.00	1.00	0.00
12.74	10.96	2.00	0.00	1.00	0.00	12.75	11.00	2.00	0.00	1.00	0.00
12.76	10.87	2.00	0.00	1.00	0.00	12.77	10.95	2.00	0.00	1.00	0.00
12.78	11.04	2.00	0.00	1.00	0.00	12.79	11.04	2.00	0.00	1.00	0.00
12.80	11.12	2.00	0.00	1.00	0.00	12.81	11.11	2.00	0.00	1.00	0.00
12.82	11.02	2.00	0.00	1.00	0.00	12.83	10.88	2.00	0.00	1.00	0.00
12.84	10.88	2.00	0.00	1.00	0.00	12.85	10.88	2.00	0.00	1.00	0.00
12.86	10.82	2.00	0.00	1.00	0.00	12.87	10.60	2.00	0.00	1.00	0.00
12.88	10.55	2.00	0.00	1.00	0.00	12.89	10.63	2.00	0.00	1.00	0.00
12.90	10.63	2.00	0.00	1.00	0.00	12.91	10.62	2.00	0.00	1.00	0.00
12.92	10.66	2.00	0.00	1.00	0.00	12.93	10.53	2.00	0.00	1.00	0.00
12.94	10.31	2.00	0.00	1.00	0.00	12.95	9.82	2.00	0.00	1.00	0.00
12.96	9.82	2.00	0.00	1.00	0.00	12.97	9.72	2.00	0.00	1.00	0.00
12.98	9.50	2.00	0.00	1.00	0.00	12.99	9.36	2.00	0.00	1.00	0.00
13.00	9.09	2.00	0.00	1.00	0.00	13.01	9.09	2.00	0.00	1.00	0.00
13.02	8.95	2.00	0.00	1.00	0.00	13.03	8.91	2.00	0.00	1.00	0.00
13.04	8.81	2.00	0.00	1.00	0.00	13.05	8.72	2.00	0.00	1.00	0.00
13.06	8.77	2.00	0.00	1.00	0.00	13.07	8.76	2.00	0.00	1.00	0.00
13.08	7.49	2.00	0.00	1.00	0.00	13.09	7.49	2.00	0.00	1.00	0.00
13.10	8.41	2.00	0.00	1.00	0.00	13.11	8.44	2.00	0.00	1.00	0.00
13.12	8.48	2.00	0.00	1.00	0.00	13.13	8.48	2.00	0.00	1.00	0.00
13.14	8.30	2.00	0.00	1.00	0.00	13.15	8.21	2.00	0.00	1.00	0.00
13.16	8.16	2.00	0.00	1.00	0.00	13.17	8.16	2.00	0.00	1.00	0.00
13.18	8.16	2.00	0.00	1.00	0.00	13.19	7.76	2.00	0.00	1.00	0.00
13.20	7.63	2.00	0.00	1.00	0.00	13.21	7.45	2.00	0.00	1.00	0.00
13.22	7.45	2.00	0.00	1.00	0.00	13.23	7.32	2.00	0.00	1.00	0.00
13.24	7.27	2.00	0.00	1.00	0.00	13.25	7.36	2.00	0.00	1.00	0.00
13.26	7.44	2.00	0.00	1.00	0.00	13.27	7.74	2.00	0.00	1.00	0.00
13.28	7.73	2.00	0.00	1.00	0.00	13.29	7.99	2.00	0.00	1.00	0.00
13.30	8.17	2.00	0.00	1.00	0.00	13.31	8.34	2.00	0.00	1.00	0.00
13.32	8.34	2.00	0.00	1.00	0.00	13.33	8.29	2.00	0.00	1.00	0.00
13.34	8.33	2.00	0.00	1.00	0.00	13.35	8.54	2.00	0.00	1.00	0.00
13.36	8.54	2.00	0.00	1.00	0.00	13.37	8.54	2.00	0.00	1.00	0.00
13.38	8.53	2.00	0.00	1.00	0.00	13.39	8.48	2.00	0.00	1.00	0.00
13.40	8.69	2.00	0.00	1.00	0.00	13.41	8.91	2.00	0.00	1.00	0.00
13.42	9.04	2.00	0.00	1.00	0.00	13.43	9.04	2.00	0.00	1.00	0.00
13.44	9.07	2.00	0.00	1.00	0.00	13.45	9.11	2.00	0.00	1.00	0.00
13.46	9.19	2.00	0.00	1.00	0.00	13.47	9.37	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	9.53	2.00	0.00	1.00	0.00	13.49	9.53	2.00	0.00	1.00	0.00
13.50	9.65	2.00	0.00	1.00	0.00	13.51	9.87	2.00	0.00	1.00	0.00
13.52	9.90	2.00	0.00	1.00	0.00	13.53	10.16	2.00	0.00	1.00	0.00
13.54	10.15	2.00	0.00	1.00	0.00	13.55	10.33	2.00	0.00	1.00	0.00
13.56	10.41	2.00	0.00	1.00	0.00	13.57	10.61	2.00	0.00	1.00	0.00
13.58	10.70	2.00	0.00	1.00	0.00	13.59	11.25	2.00	0.00	1.00	0.00
13.60	11.25	2.00	0.00	1.00	0.00	13.61	11.71	2.00	0.00	1.00	0.00
13.62	12.36	2.00	0.00	1.00	0.00	13.63	12.56	2.00	0.00	1.00	0.00
13.64	12.86	2.00	0.00	1.00	0.00	13.65	12.86	2.00	0.00	1.00	0.00
13.66	12.85	2.00	0.00	1.00	0.00	13.67	13.02	2.00	0.00	1.00	0.00
13.68	13.06	2.00	0.00	1.00	0.00	13.69	13.05	2.00	0.00	1.00	0.00
13.70	13.22	2.00	0.00	1.00	0.00	13.71	13.22	2.00	0.00	1.00	0.00
13.72	13.21	2.00	0.00	1.00	0.00	13.73	13.11	2.00	0.00	1.00	0.00
13.74	12.98	2.00	0.00	1.00	0.00	13.75	12.76	2.00	0.00	1.00	0.00
13.76	12.76	2.00	0.00	1.00	0.00	13.77	12.67	2.00	0.00	1.00	0.00
13.78	12.41	2.00	0.00	1.00	0.00	13.79	12.45	2.00	0.00	1.00	0.00
13.80	12.61	2.00	0.00	1.00	0.00	13.81	12.60	2.00	0.00	1.00	0.00
13.82	12.51	2.00	0.00	1.00	0.00	13.83	12.43	2.00	0.00	1.00	0.00
13.84	12.07	2.00	0.00	1.00	0.00	13.85	11.86	2.00	0.00	1.00	0.00
13.86	11.64	2.00	0.00	1.00	0.00	13.87	11.64	2.00	0.00	1.00	0.00
13.88	11.46	2.00	0.00	1.00	0.00	13.89	11.33	2.00	0.00	1.00	0.00
13.90	11.54	2.00	0.00	1.00	0.00	13.91	11.62	2.00	0.00	1.00	0.00
13.92	11.61	2.00	0.00	1.00	0.00	13.93	11.65	2.00	0.00	1.00	0.00
13.94	11.61	2.00	0.00	1.00	0.00	13.95	11.60	2.00	0.00	1.00	0.00
13.96	11.72	2.00	0.00	1.00	0.00	13.97	11.72	2.00	0.00	1.00	0.00
13.98	11.80	2.00	0.00	1.00	0.00	13.99	11.87	2.00	0.00	1.00	0.00
14.00	11.83	2.00	0.00	1.00	0.00	14.01	11.74	2.00	0.00	1.00	0.00
14.02	11.95	2.00	0.00	1.00	0.00	14.03	11.95	2.00	0.00	1.00	0.00
14.04	12.02	2.00	0.00	1.00	0.00	14.05	12.07	2.00	0.00	1.00	0.00
14.06	12.10	2.00	0.00	1.00	0.00	14.07	12.09	2.00	0.00	1.00	0.00
14.08	11.99	2.00	0.00	1.00	0.00	14.09	12.00	2.00	0.00	1.00	0.00
14.10	12.00	2.00	0.00	1.00	0.00	14.11	12.33	2.00	0.00	1.00	0.00
14.12	12.32	2.00	0.00	1.00	0.00	14.13	12.40	2.00	0.00	1.00	0.00
14.14	12.28	2.00	0.00	1.00	0.00	14.15	11.93	2.00	0.00	1.00	0.00
14.16	11.92	2.00	0.00	1.00	0.00	14.17	11.84	2.00	0.00	1.00	0.00
14.18	11.79	2.00	0.00	1.00	0.00	14.19	11.75	2.00	0.00	1.00	0.00
14.20	11.78	2.00	0.00	1.00	0.00	14.21	11.87	2.00	0.00	1.00	0.00
14.22	11.86	2.00	0.00	1.00	0.00	14.23	12.02	2.00	0.00	1.00	0.00
14.24	12.23	2.00	0.00	1.00	0.00	14.25	12.69	2.00	0.00	1.00	0.00
14.26	12.68	2.00	0.00	1.00	0.00	14.27	12.84	2.00	0.00	1.00	0.00
14.28	12.93	2.00	0.00	1.00	0.00	14.29	12.96	2.00	0.00	1.00	0.00
14.30	13.29	2.00	0.00	1.00	0.00	14.31	13.28	2.00	0.00	1.00	0.00
14.32	13.24	2.00	0.00	1.00	0.00	14.33	12.56	2.00	0.00	1.00	0.00
14.34	12.30	2.00	0.00	1.00	0.00	14.35	12.18	2.00	0.00	1.00	0.00
14.36	12.17	2.00	0.00	1.00	0.00	14.37	12.04	2.00	0.00	1.00	0.00
14.38	11.66	2.00	0.00	1.00	0.00	14.39	11.32	2.00	0.00	1.00	0.00
14.40	11.02	2.00	0.00	1.00	0.00	14.41	11.02	2.00	0.00	1.00	0.00
14.42	10.81	2.00	0.00	1.00	0.00	14.43	10.43	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

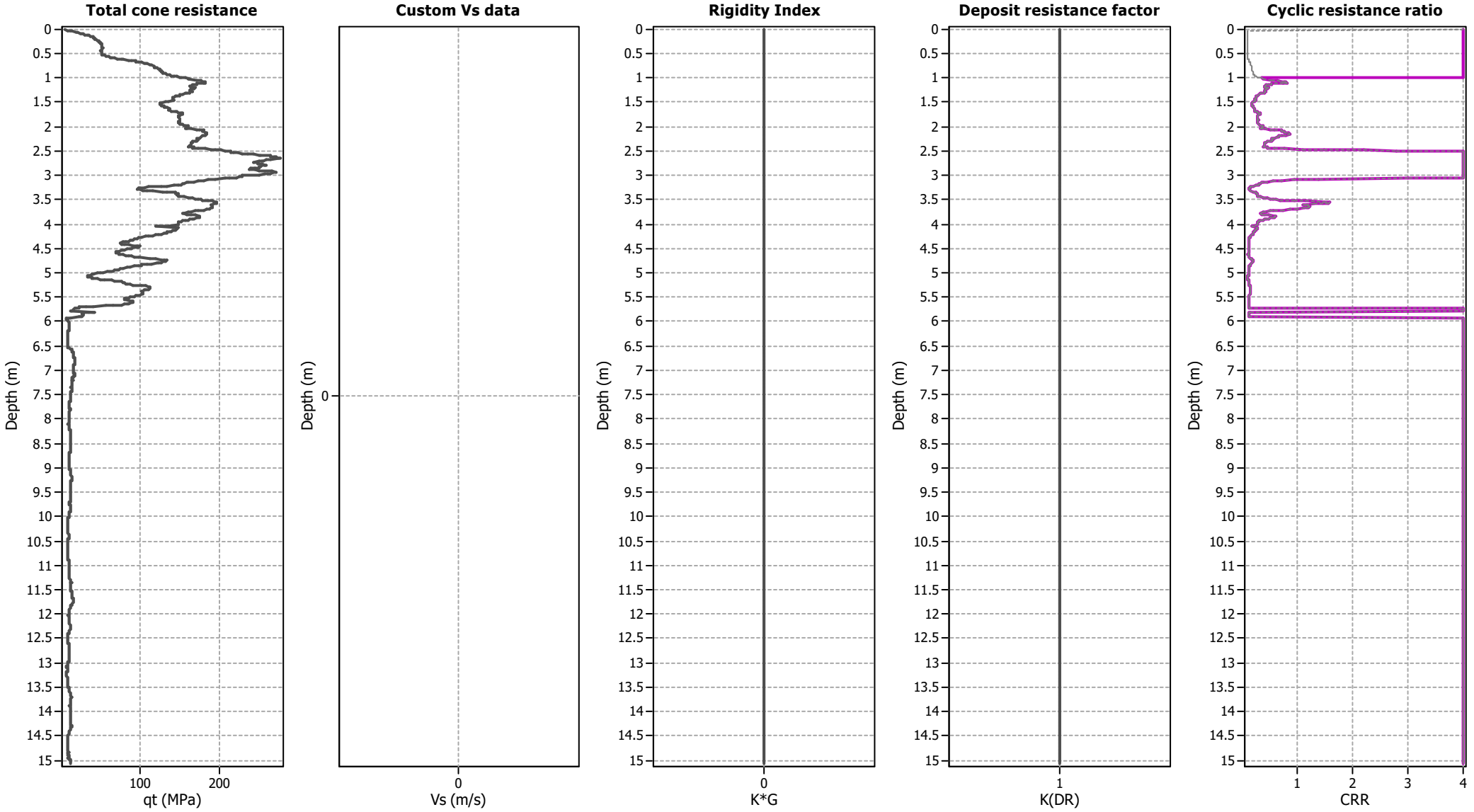
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	10.42	2.00	0.00	1.00	0.00	14.45	10.04	2.00	0.00	1.00	0.00
14.46	10.04	2.00	0.00	1.00	0.00	14.47	9.78	2.00	0.00	1.00	0.00
14.48	9.50	2.00	0.00	1.00	0.00	14.49	9.32	2.00	0.00	1.00	0.00
14.50	9.11	2.00	0.00	1.00	0.00	14.51	8.82	2.00	0.00	1.00	0.00
14.52	8.81	2.00	0.00	1.00	0.00	14.53	8.77	2.00	0.00	1.00	0.00
14.54	8.52	2.00	0.00	1.00	0.00	14.55	8.43	2.00	0.00	1.00	0.00
14.56	8.43	2.00	0.00	1.00	0.00	14.57	8.42	2.00	0.00	1.00	0.00
14.58	8.46	2.00	0.00	1.00	0.00	14.59	8.42	2.00	0.00	1.00	0.00
14.60	8.50	2.00	0.00	1.00	0.00	14.61	8.70	2.00	0.00	1.00	0.00
14.62	8.70	2.00	0.00	1.00	0.00	14.63	8.74	2.00	0.00	1.00	0.00
14.64	8.98	2.00	0.00	1.00	0.00	14.65	8.97	2.00	0.00	1.00	0.00
14.66	9.02	2.00	0.00	1.00	0.00	14.67	9.01	2.00	0.00	1.00	0.00
14.68	9.01	2.00	0.00	1.00	0.00	14.69	8.88	2.00	0.00	1.00	0.00
14.70	8.96	2.00	0.00	1.00	0.00	14.71	9.20	2.00	0.00	1.00	0.00
14.72	9.20	2.00	0.00	1.00	0.00	14.73	9.16	2.00	0.00	1.00	0.00
14.74	9.19	2.00	0.00	1.00	0.00	14.75	9.24	2.00	0.00	1.00	0.00
14.76	9.40	2.00	0.00	1.00	0.00	14.77	9.40	2.00	0.00	1.00	0.00
14.78	8.40	2.00	0.00	1.00	0.00	14.79	8.40	2.00	0.00	1.00	0.00
14.80	8.93	2.00	0.00	1.00	0.00	14.81	9.22	2.00	0.00	1.00	0.00
14.82	9.38	2.00	0.00	1.00	0.00	14.83	9.70	2.00	0.00	1.00	0.00
14.84	9.86	2.00	0.00	1.00	0.00	14.85	8.18	2.00	0.00	1.00	0.00
14.86	8.18	2.00	0.00	1.00	0.00	14.87	8.46	2.00	0.00	1.00	0.00
14.88	9.48	2.00	0.00	1.00	0.00	14.89	9.97	2.00	0.00	1.00	0.00
14.90	9.31	2.00	0.00	1.00	0.00	14.91	9.31	2.00	0.00	1.00	0.00
14.92	9.71	2.00	0.00	1.00	0.00	14.93	10.12	2.00	0.00	1.00	0.00
14.94	10.32	2.00	0.00	1.00	0.00	14.95	9.09	2.00	0.00	1.00	0.00
14.96	9.09	2.00	0.00	1.00	0.00	14.97	10.63	2.00	0.00	1.00	0.00
14.98	11.57	2.00	0.00	1.00	0.00	14.99	11.94	2.00	0.00	1.00	0.00
15.00	12.55	2.00	0.00	1.00	0.00	15.01	12.54	2.00	0.00	1.00	0.00
15.02	12.79	2.00	0.00	1.00	0.00	15.03	12.09	2.00	0.00	1.00	0.00
15.04	12.08	2.00	0.00	1.00	0.00	15.05	12.65	2.00	0.00	1.00	0.00
15.06	12.97	2.00	0.00	1.00	0.00	15.07	13.01	2.00	0.00	1.00	0.00

Total estimated settlement: 6.40

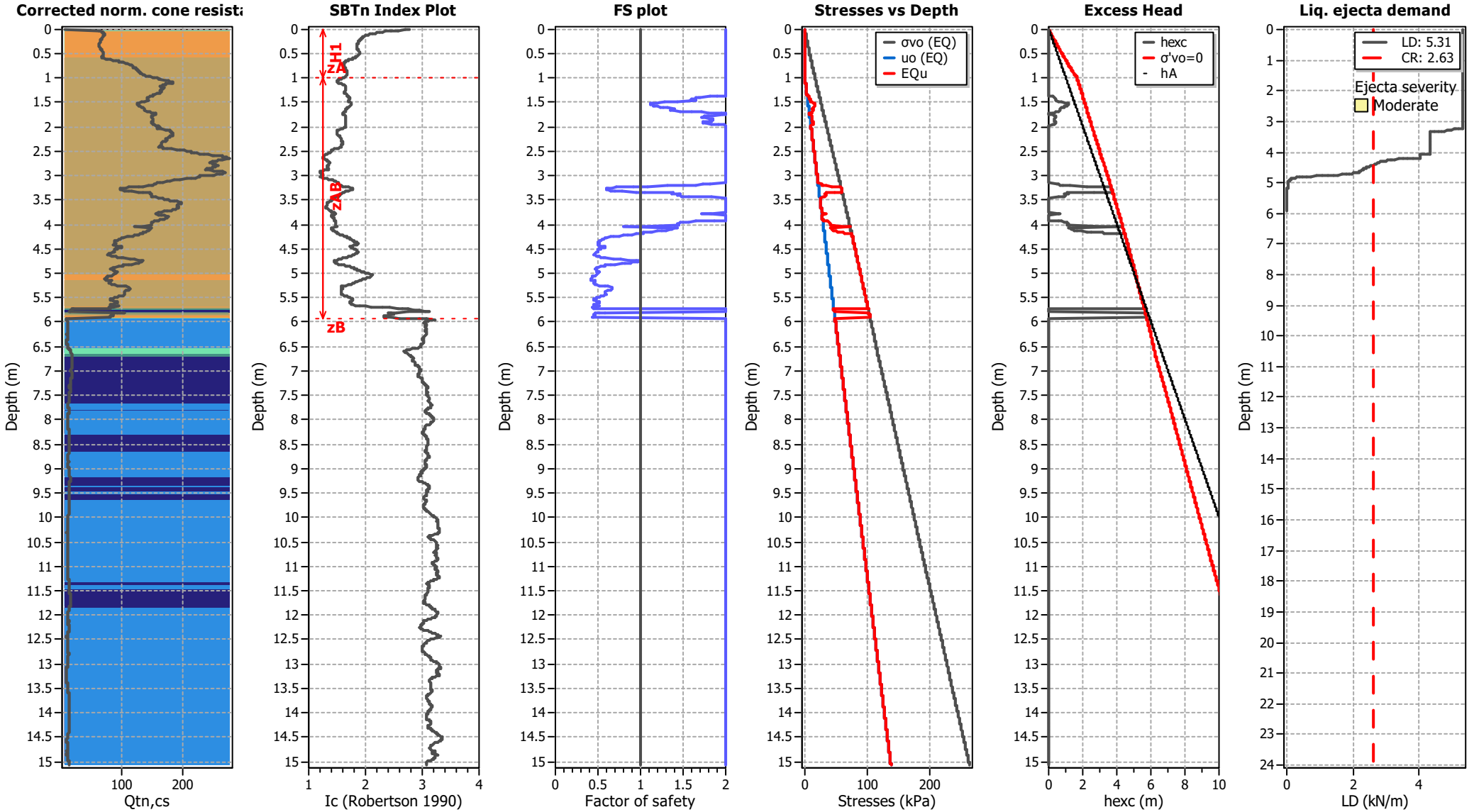
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



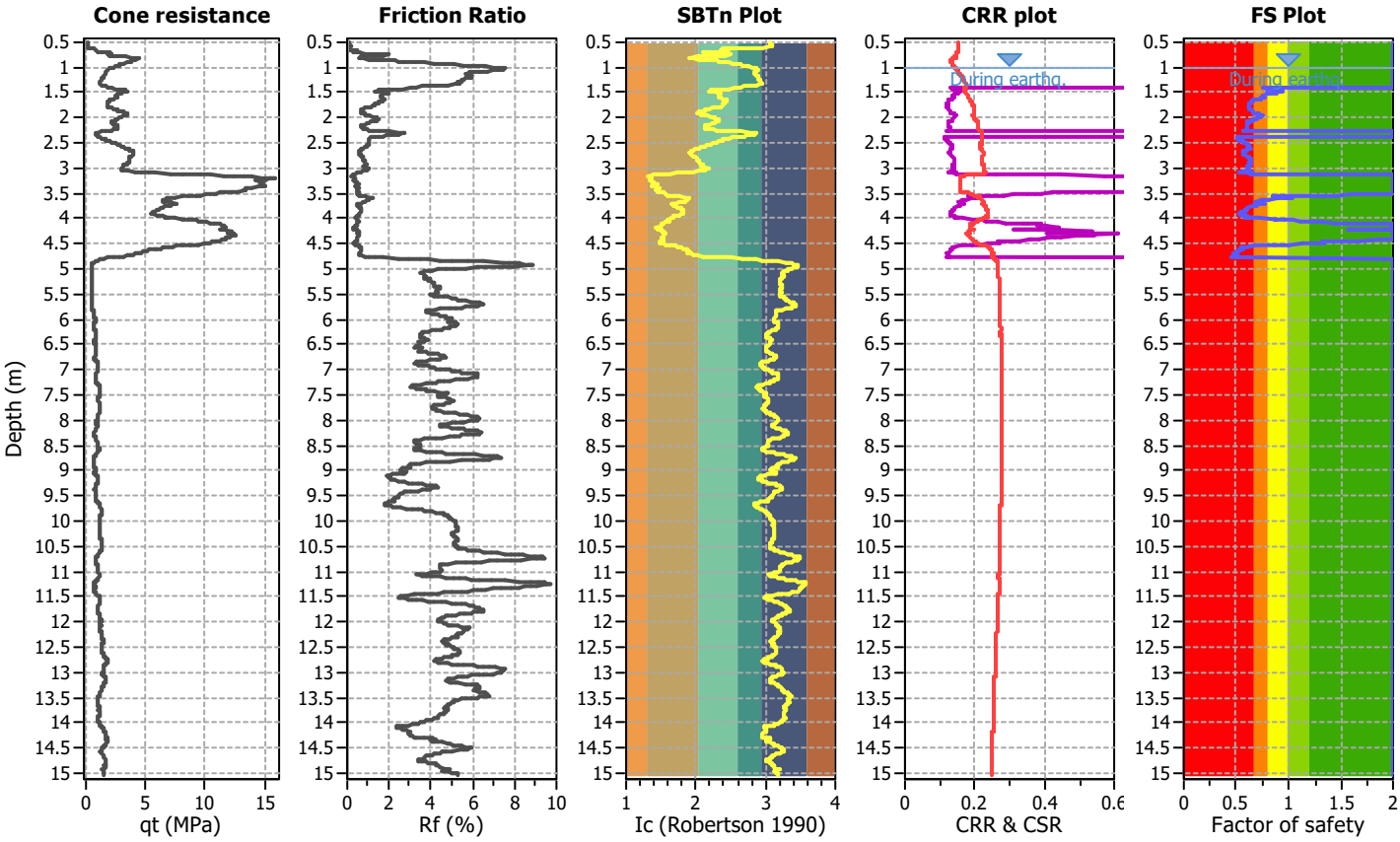
LIQUEFACTION ANALYSIS REPORT

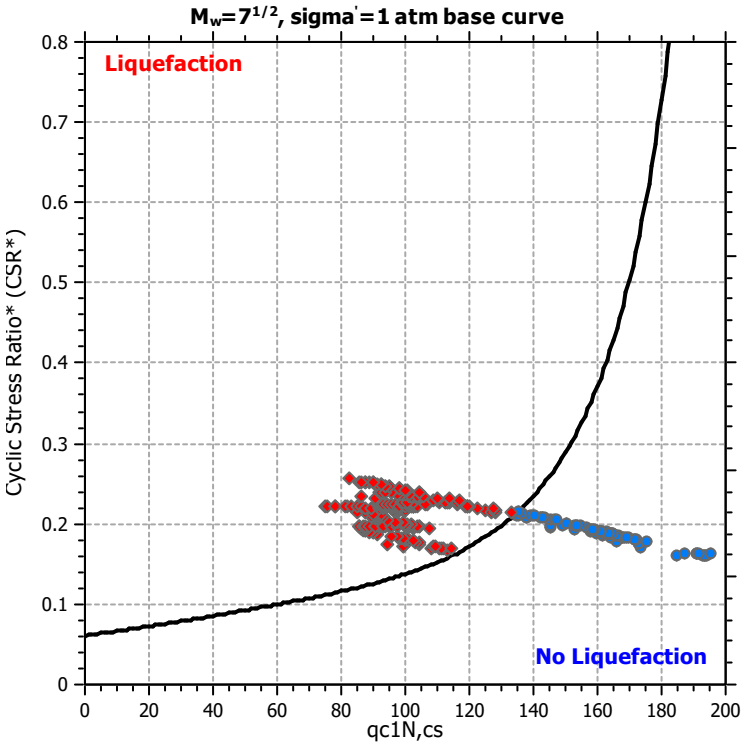
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

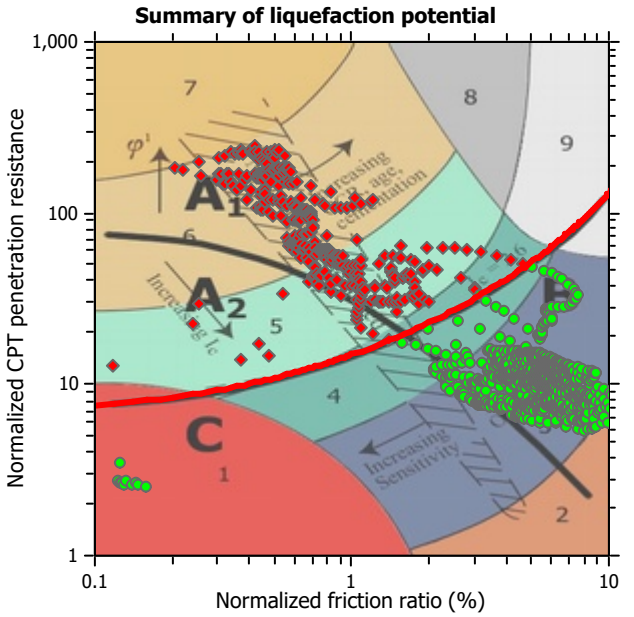
CPT file : 040008P990CPTU991

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

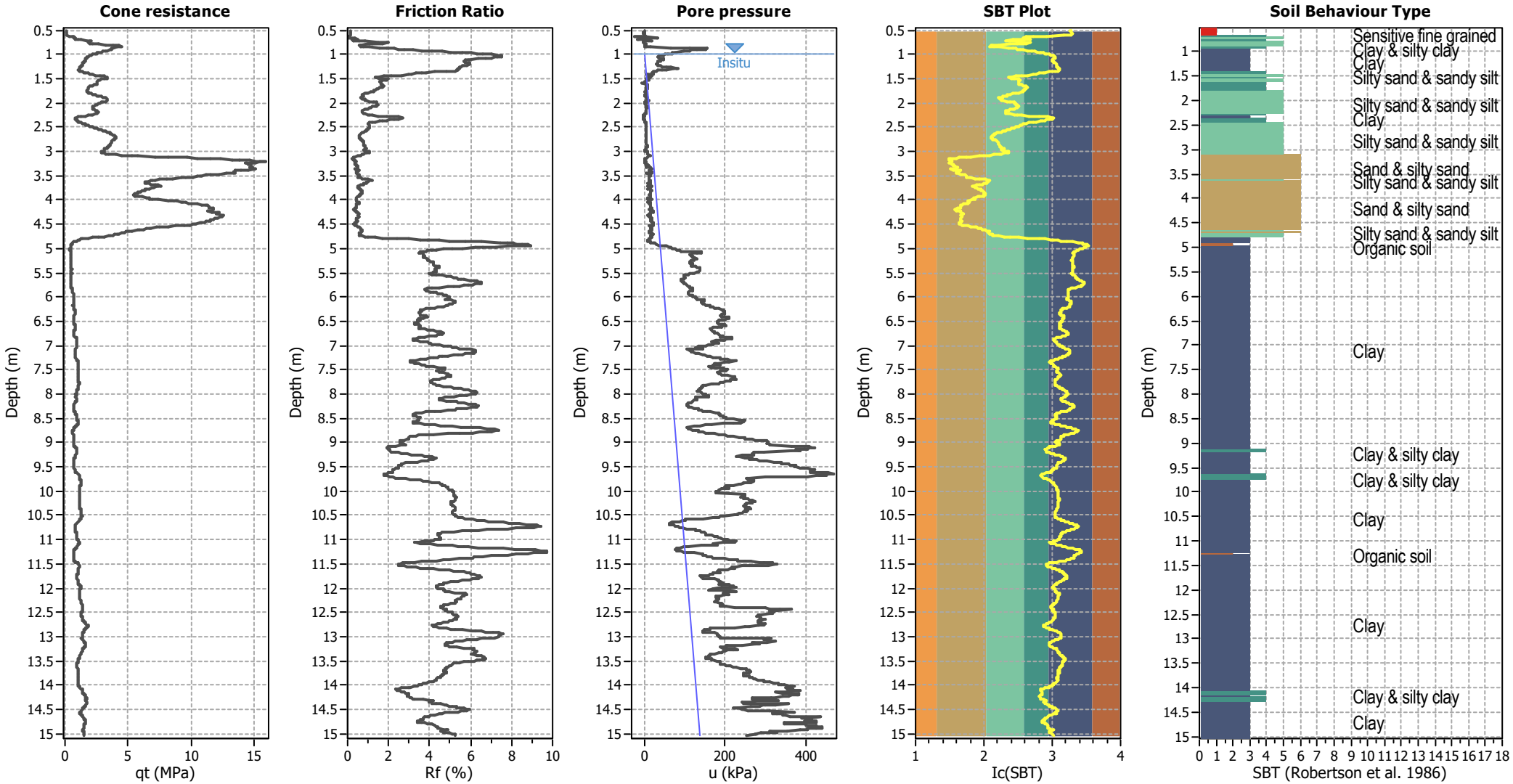






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



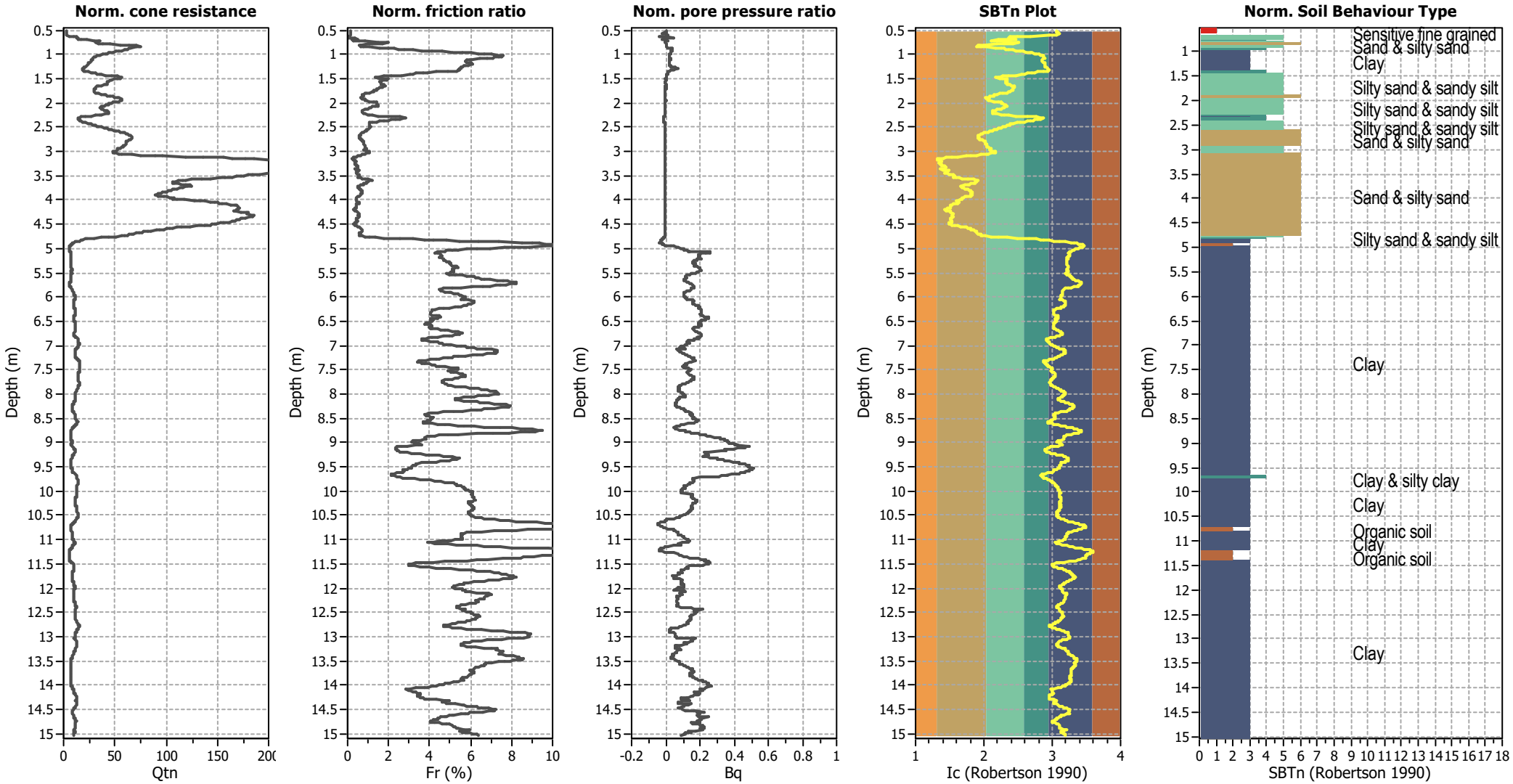
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



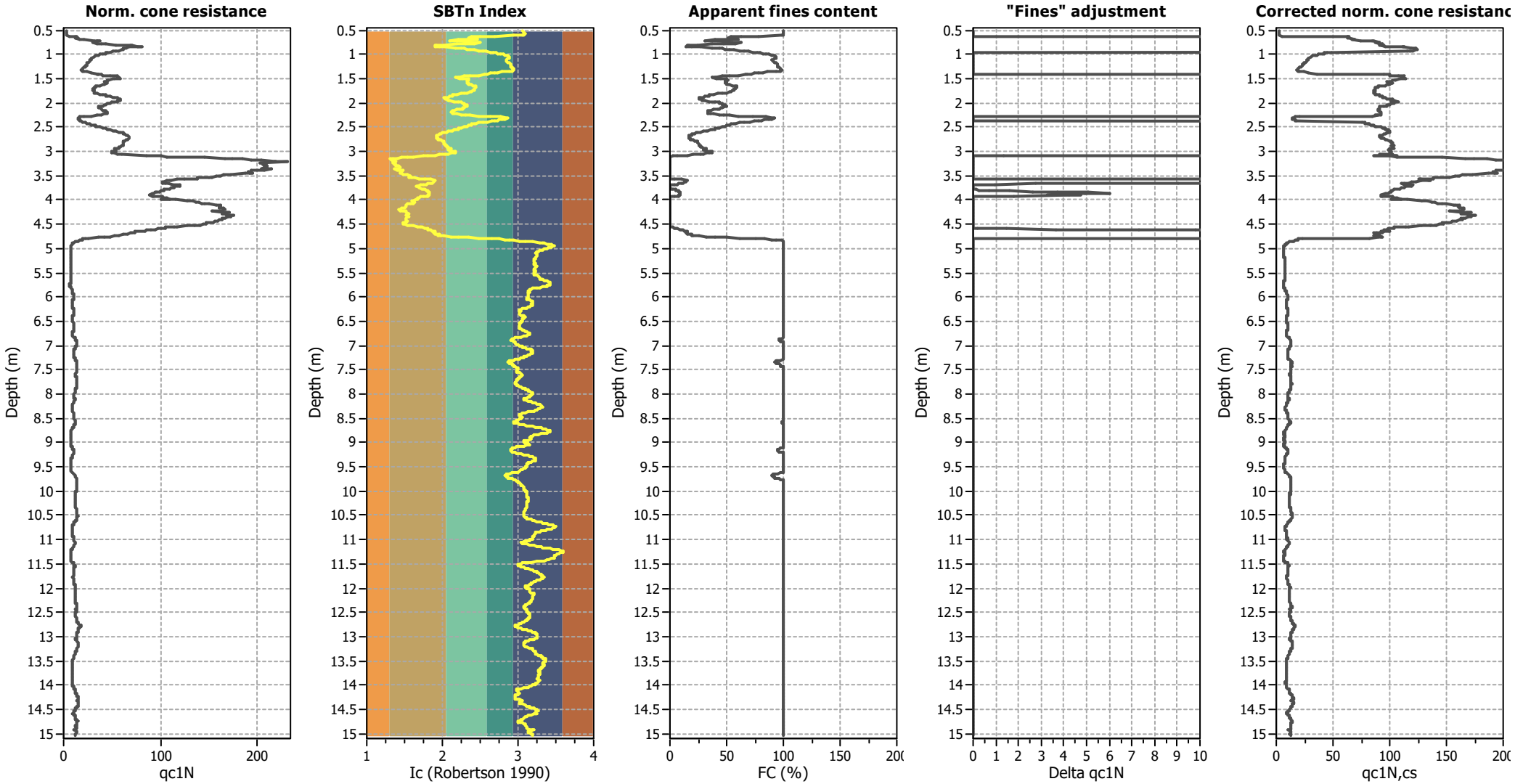
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

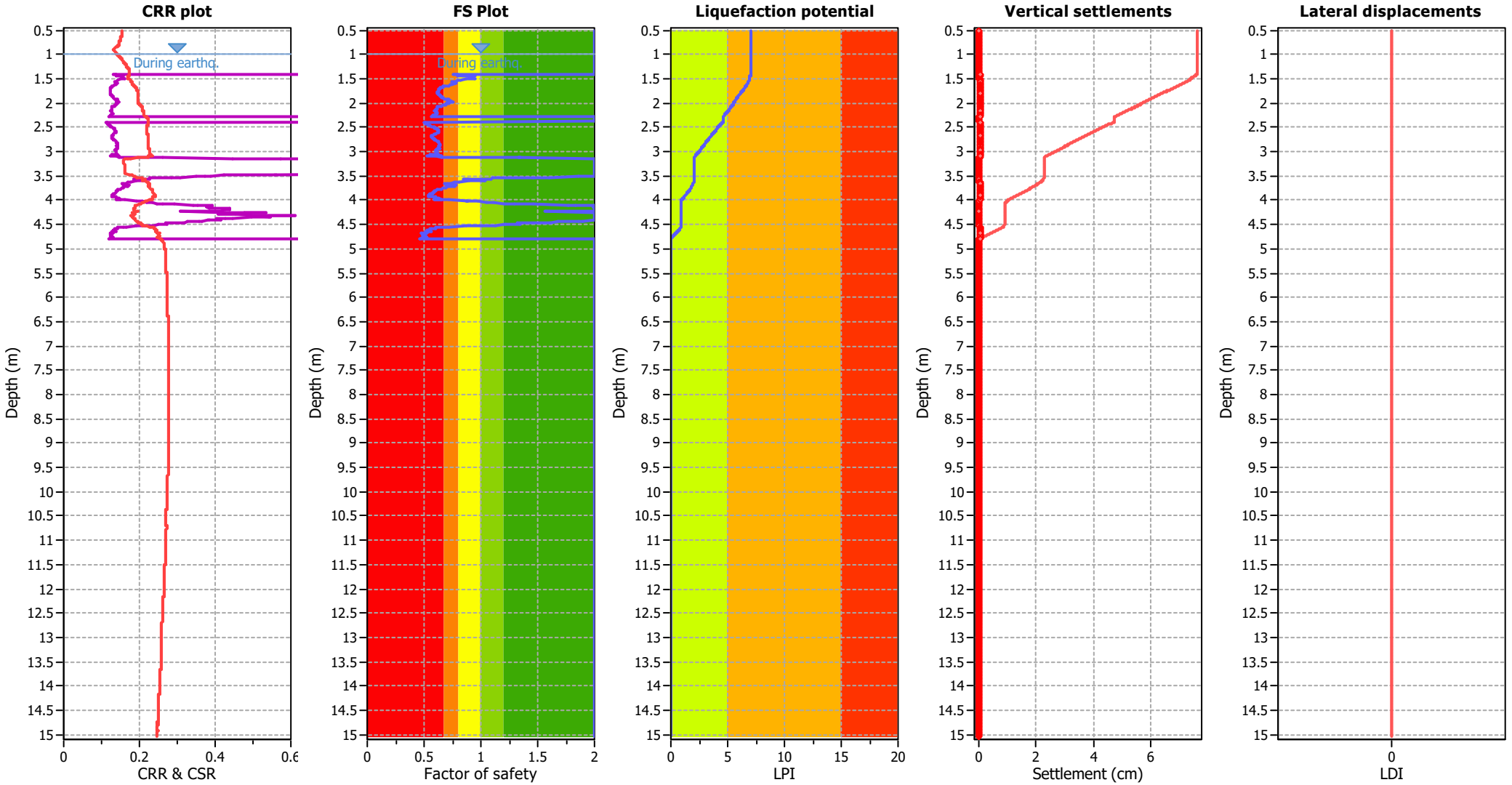
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

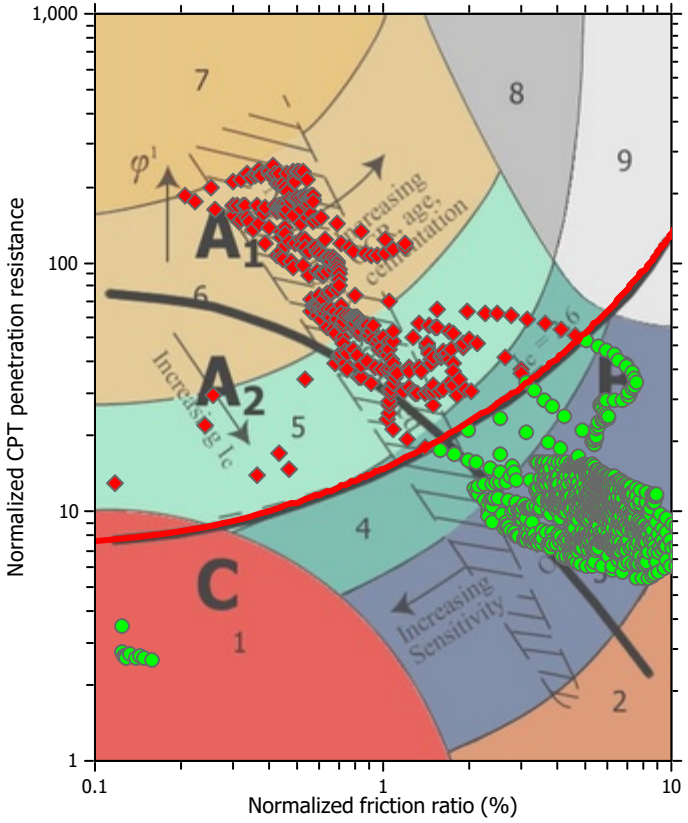
F.S. color scheme

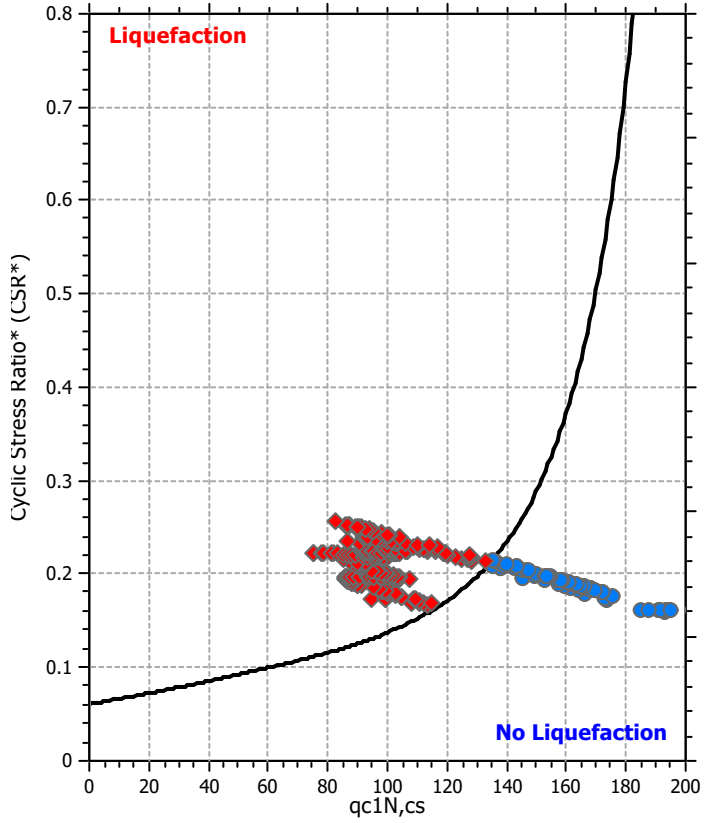
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

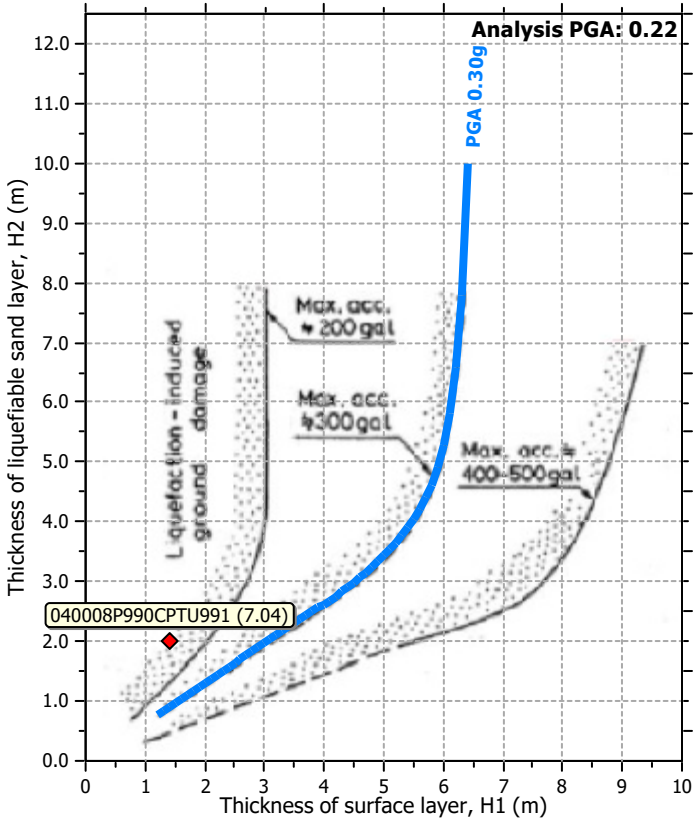
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



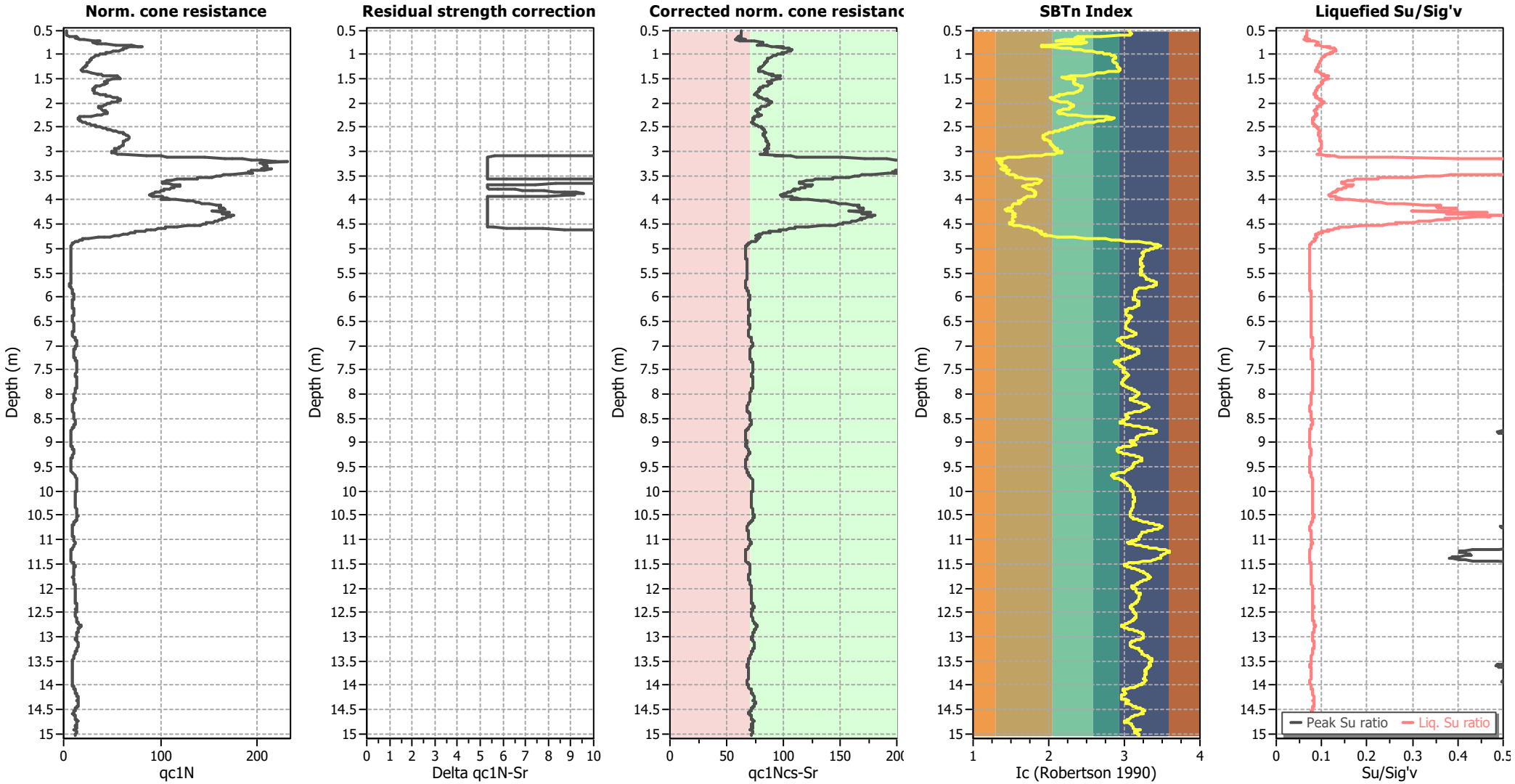




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	2.00	0.00	0.00	0.01	0.00
1.07	2.00	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	2.00	0.00	0.00	0.01	0.00	1.10	2.00	0.00	0.00	0.01	0.00
1.11	2.00	0.00	0.00	0.01	0.00	1.12	2.00	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	2.00	0.00	0.00	0.01	0.00	1.16	2.00	0.00	0.00	0.01	0.00
1.17	2.00	0.00	0.00	0.01	0.00	1.18	2.00	0.00	0.00	0.01	0.00
1.19	2.00	0.00	0.00	0.01	0.00	1.20	2.00	0.00	0.00	0.01	0.00
1.21	2.00	0.00	0.00	0.01	0.00	1.22	2.00	0.00	0.00	0.01	0.00
1.23	2.00	0.00	0.00	0.01	0.00	1.24	2.00	0.00	0.00	0.01	0.00
1.25	2.00	0.00	0.00	0.01	0.00	1.26	2.00	0.00	0.00	0.01	0.00
1.27	2.00	0.00	0.00	0.01	0.00	1.28	2.00	0.00	0.00	0.01	0.00
1.29	2.00	0.00	0.00	0.01	0.00	1.30	2.00	0.00	0.00	0.01	0.00
1.31	2.00	0.00	0.00	0.01	0.00	1.32	2.00	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	2.00	0.00	0.00	0.01	0.00
1.37	2.00	0.00	0.00	0.01	0.00	1.38	2.00	0.00	0.00	0.01	0.00
1.39	2.00	0.00	0.00	0.01	0.00	1.40	2.00	0.00	0.00	0.01	0.00
1.41	0.75	0.25	1.20	0.01	0.02	1.42	0.79	0.21	1.57	0.01	0.02
1.43	0.79	0.21	1.55	0.01	0.02	1.44	0.88	0.00	0.00	0.01	0.01
1.45	0.94	0.00	0.00	0.01	0.01	1.46	0.90	0.00	0.00	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.47	0.92	0.00	0.00	0.01	0.01	1.48	0.90	0.00	0.00	0.01	0.01
1.49	0.95	0.00	0.00	0.01	0.00	1.50	0.87	0.00	0.00	0.01	0.01
1.51	0.88	0.00	0.00	0.01	0.01	1.52	0.82	0.18	1.95	0.01	0.02
1.53	0.82	0.18	1.90	0.01	0.02	1.54	0.80	0.20	1.63	0.01	0.02
1.55	0.78	0.22	1.42	0.01	0.02	1.56	0.77	0.23	1.30	0.01	0.02
1.57	0.75	0.25	1.16	0.01	0.02	1.58	0.76	0.24	1.26	0.01	0.02
1.59	0.76	0.24	1.28	0.01	0.02	1.60	0.78	0.22	1.44	0.01	0.02
1.61	0.74	0.26	1.15	0.01	0.02	1.62	0.75	0.25	1.18	0.01	0.02
1.63	0.73	0.27	1.06	0.01	0.02	1.64	0.71	0.29	0.97	0.01	0.03
1.65	0.68	0.32	0.83	0.01	0.03	1.66	0.67	0.33	0.80	0.01	0.03
1.67	0.66	0.34	0.79	0.01	0.03	1.68	0.65	0.35	0.76	0.01	0.03
1.69	0.65	0.35	0.74	0.01	0.03	1.70	0.64	0.36	0.73	0.01	0.03
1.71	0.64	0.36	0.73	0.01	0.03	1.72	0.63	0.37	0.71	0.01	0.03
1.73	0.63	0.37	0.71	0.01	0.03	1.74	0.63	0.37	0.69	0.01	0.03
1.75	0.63	0.37	0.69	0.01	0.03	1.76	0.63	0.37	0.69	0.01	0.03
1.77	0.62	0.38	0.68	0.01	0.03	1.78	0.62	0.38	0.67	0.01	0.03
1.79	0.62	0.38	0.67	0.01	0.03	1.80	0.62	0.38	0.67	0.01	0.03
1.81	0.62	0.38	0.67	0.01	0.03	1.82	0.62	0.38	0.68	0.01	0.03
1.83	0.63	0.37	0.70	0.01	0.03	1.84	0.64	0.36	0.73	0.01	0.03
1.85	0.64	0.36	0.72	0.01	0.03	1.86	0.66	0.34	0.77	0.01	0.03
1.87	0.66	0.34	0.78	0.01	0.03	1.88	0.67	0.33	0.80	0.01	0.03
1.89	0.65	0.35	0.75	0.01	0.03	1.90	0.67	0.33	0.80	0.01	0.03
1.91	0.68	0.32	0.86	0.01	0.03	1.92	0.70	0.30	0.93	0.01	0.03
1.93	0.72	0.28	1.02	0.01	0.03	1.94	0.72	0.28	1.01	0.01	0.03
1.95	0.71	0.29	0.95	0.01	0.03	1.96	0.73	0.27	1.07	0.01	0.02
1.97	0.76	0.24	1.27	0.01	0.02	1.98	0.71	0.29	0.95	0.01	0.03
1.99	0.73	0.27	1.06	0.01	0.02	2.00	0.72	0.28	1.01	0.01	0.03
2.01	0.71	0.29	0.95	0.01	0.03	2.02	0.69	0.31	0.90	0.01	0.03
2.03	0.69	0.31	0.87	0.01	0.03	2.04	0.68	0.32	0.84	0.01	0.03
2.05	0.67	0.33	0.80	0.01	0.03	2.06	0.66	0.34	0.77	0.01	0.03
2.07	0.64	0.36	0.72	0.01	0.03	2.08	0.62	0.38	0.66	0.01	0.03
2.09	0.61	0.39	0.65	0.01	0.03	2.10	0.61	0.39	0.66	0.01	0.03
2.11	0.61	0.39	0.66	0.01	0.03	2.12	0.61	0.39	0.66	0.01	0.03
2.13	0.61	0.39	0.65	0.01	0.04	2.14	0.60	0.40	0.63	0.01	0.04
2.15	0.60	0.40	0.63	0.01	0.04	2.16	0.60	0.40	0.62	0.01	0.04
2.17	0.61	0.39	0.64	0.01	0.04	2.18	0.60	0.40	0.64	0.01	0.04
2.19	0.61	0.39	0.64	0.01	0.04	2.20	0.61	0.39	0.65	0.01	0.03
2.21	0.61	0.39	0.65	0.01	0.03	2.22	0.61	0.39	0.66	0.01	0.03
2.23	0.61	0.39	0.64	0.01	0.04	2.24	0.61	0.39	0.65	0.01	0.03
2.25	0.58	0.42	0.59	0.01	0.04	2.26	0.59	0.41	0.61	0.01	0.04
2.27	0.56	0.44	0.56	0.01	0.04	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	0.50	0.50	0.48	0.01	0.04	2.40	0.50	0.50	0.48	0.01	0.04
2.41	0.51	0.49	0.49	0.01	0.04	2.42	0.51	0.49	0.50	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.43	0.53	0.47	0.52	0.01	0.04	2.44	0.53	0.47	0.51	0.01	0.04
2.45	0.54	0.46	0.53	0.01	0.04	2.46	0.55	0.45	0.54	0.01	0.04
2.47	0.55	0.45	0.55	0.01	0.04	2.48	0.56	0.44	0.56	0.01	0.04
2.49	0.57	0.43	0.57	0.01	0.04	2.50	0.58	0.42	0.60	0.01	0.04
2.51	0.59	0.41	0.61	0.01	0.04	2.52	0.61	0.39	0.65	0.01	0.03
2.53	0.60	0.40	0.64	0.01	0.03	2.54	0.61	0.39	0.65	0.01	0.03
2.55	0.62	0.38	0.66	0.01	0.03	2.56	0.62	0.38	0.68	0.01	0.03
2.57	0.63	0.37	0.69	0.01	0.03	2.58	0.63	0.37	0.70	0.01	0.03
2.59	0.63	0.37	0.69	0.01	0.03	2.60	0.63	0.37	0.70	0.01	0.03
2.61	0.62	0.38	0.66	0.01	0.03	2.62	0.62	0.38	0.67	0.01	0.03
2.63	0.60	0.40	0.63	0.01	0.03	2.64	0.60	0.40	0.63	0.01	0.03
2.65	0.59	0.41	0.61	0.01	0.04	2.66	0.58	0.42	0.60	0.01	0.04
2.67	0.57	0.43	0.58	0.01	0.04	2.68	0.57	0.43	0.57	0.01	0.04
2.69	0.57	0.43	0.57	0.01	0.04	2.70	0.57	0.43	0.57	0.01	0.04
2.71	0.57	0.43	0.57	0.01	0.04	2.72	0.57	0.43	0.58	0.01	0.04
2.73	0.58	0.42	0.59	0.01	0.04	2.74	0.58	0.42	0.60	0.01	0.04
2.75	0.59	0.41	0.61	0.01	0.04	2.76	0.60	0.40	0.63	0.01	0.03
2.77	0.61	0.39	0.64	0.01	0.03	2.78	0.62	0.38	0.67	0.01	0.03
2.79	0.62	0.38	0.67	0.01	0.03	2.80	0.63	0.37	0.69	0.01	0.03
2.81	0.63	0.37	0.69	0.01	0.03	2.82	0.63	0.37	0.70	0.01	0.03
2.83	0.63	0.37	0.71	0.01	0.03	2.84	0.64	0.36	0.71	0.01	0.03
2.85	0.64	0.36	0.71	0.01	0.03	2.86	0.64	0.36	0.71	0.01	0.03
2.87	0.64	0.36	0.72	0.01	0.03	2.88	0.63	0.37	0.69	0.01	0.03
2.89	0.63	0.37	0.70	0.01	0.03	2.90	0.63	0.37	0.70	0.01	0.03
2.91	0.63	0.37	0.70	0.01	0.03	2.92	0.63	0.37	0.69	0.01	0.03
2.93	0.63	0.37	0.70	0.01	0.03	2.94	0.64	0.36	0.72	0.01	0.03
2.95	0.61	0.39	0.66	0.01	0.03	2.96	0.60	0.40	0.63	0.01	0.03
2.97	0.61	0.39	0.66	0.01	0.03	2.98	0.60	0.40	0.64	0.01	0.03
2.99	0.62	0.38	0.67	0.01	0.03	3.00	0.61	0.39	0.65	0.01	0.03
3.01	0.61	0.39	0.66	0.01	0.03	3.02	0.61	0.39	0.66	0.01	0.03
3.03	0.60	0.40	0.64	0.01	0.03	3.04	0.60	0.40	0.64	0.01	0.03
3.05	0.60	0.40	0.63	0.01	0.03	3.06	0.62	0.38	0.68	0.01	0.03
3.07	0.55	0.45	0.54	0.01	0.04	3.08	0.66	0.34	0.77	0.01	0.03
3.09	0.52	0.48	0.50	0.01	0.04	3.10	0.61	0.39	0.64	0.01	0.03
3.11	0.65	0.35	0.75	0.01	0.03	3.12	1.34	0.00	0.00	0.01	0.00
3.13	1.34	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.39	2.00	0.00	0.00	0.01	0.00	3.40	2.00	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	1.86	0.00	0.00	0.01	0.00
3.53	1.60	0.00	0.00	0.01	0.00	3.54	1.46	0.00	0.00	0.01	0.00
3.55	1.10	0.00	0.00	0.01	0.00	3.56	1.10	0.00	0.00	0.01	0.00
3.57	0.85	0.00	0.00	0.01	0.01	3.58	0.88	0.00	0.00	0.01	0.01
3.59	1.03	0.00	0.00	0.01	0.00	3.60	1.04	0.00	0.00	0.01	0.00
3.61	0.90	0.00	0.00	0.01	0.01	3.62	0.81	0.19	1.83	0.01	0.02
3.63	0.76	0.24	1.29	0.01	0.02	3.64	0.76	0.24	1.30	0.01	0.02
3.65	0.73	0.27	1.08	0.01	0.02	3.66	0.70	0.30	0.93	0.01	0.02
3.67	0.67	0.33	0.82	0.01	0.03	3.68	0.70	0.30	0.90	0.01	0.02
3.69	0.69	0.31	0.89	0.01	0.03	3.70	0.78	0.22	1.41	0.01	0.02
3.71	0.77	0.23	1.32	0.01	0.02	3.72	0.77	0.23	1.30	0.01	0.02
3.73	0.70	0.30	0.93	0.01	0.02	3.74	0.70	0.30	0.91	0.01	0.02
3.75	0.69	0.31	0.87	0.01	0.03	3.76	0.67	0.33	0.80	0.01	0.03
3.77	0.65	0.35	0.76	0.01	0.03	3.78	0.61	0.39	0.65	0.01	0.03
3.79	0.61	0.39	0.65	0.01	0.03	3.80	0.61	0.39	0.65	0.01	0.03
3.81	0.60	0.40	0.63	0.01	0.03	3.82	0.60	0.40	0.62	0.01	0.03
3.83	0.59	0.41	0.62	0.01	0.03	3.84	0.58	0.42	0.60	0.01	0.03
3.85	0.58	0.42	0.60	0.01	0.03	3.86	0.57	0.43	0.58	0.01	0.03
3.87	0.57	0.43	0.57	0.01	0.03	3.88	0.56	0.44	0.55	0.01	0.04
3.89	0.53	0.47	0.52	0.01	0.04	3.90	0.53	0.47	0.52	0.01	0.04
3.91	0.54	0.46	0.53	0.01	0.04	3.92	0.54	0.46	0.52	0.01	0.04
3.93	0.54	0.46	0.53	0.01	0.04	3.94	0.60	0.40	0.62	0.01	0.03
3.95	0.60	0.40	0.62	0.01	0.03	3.96	0.61	0.39	0.65	0.01	0.03
3.97	0.62	0.38	0.68	0.01	0.03	3.98	0.66	0.34	0.77	0.01	0.03
3.99	0.59	0.41	0.61	0.01	0.03	4.00	0.72	0.28	1.01	0.01	0.02
4.01	0.88	0.00	0.00	0.01	0.01	4.02	0.88	0.00	0.00	0.01	0.01
4.03	0.97	0.00	0.00	0.01	0.00	4.04	1.05	0.00	0.00	0.01	0.00
4.05	1.12	0.00	0.00	0.01	0.00	4.06	1.12	0.00	0.00	0.01	0.00
4.07	1.20	0.00	0.00	0.01	0.00	4.08	1.30	0.00	0.00	0.01	0.00
4.09	1.46	0.00	0.00	0.01	0.00	4.10	1.76	0.00	0.00	0.01	0.00
4.11	1.84	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	1.99	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	2.00	0.00	0.00	0.01	0.00	4.18	2.00	0.00	0.00	0.01	0.00
4.19	2.00	0.00	0.00	0.01	0.00	4.20	2.00	0.00	0.00	0.01	0.00
4.21	2.00	0.00	0.00	0.01	0.00	4.22	2.00	0.00	0.00	0.01	0.00
4.23	1.57	0.00	0.00	0.01	0.00	4.24	2.00	0.00	0.00	0.01	0.00
4.25	2.00	0.00	0.00	0.01	0.00	4.26	2.00	0.00	0.00	0.01	0.00
4.27	2.00	0.00	0.00	0.01	0.00	4.28	2.00	0.00	0.00	0.01	0.00
4.29	2.00	0.00	0.00	0.01	0.00	4.30	2.00	0.00	0.00	0.01	0.00
4.31	2.00	0.00	0.00	0.01	0.00	4.32	2.00	0.00	0.00	0.01	0.00
4.33	2.00	0.00	0.00	0.01	0.00	4.34	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.35	2.00	0.00	0.00	0.01	0.00	4.36	2.00	0.00	0.00	0.01	0.00
4.37	2.00	0.00	0.00	0.01	0.00	4.38	2.00	0.00	0.00	0.01	0.00
4.39	2.00	0.00	0.00	0.01	0.00	4.40	2.00	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	1.89	0.00	0.00	0.01	0.00
4.43	1.86	0.00	0.00	0.01	0.00	4.44	1.67	0.00	0.00	0.01	0.00
4.45	1.61	0.00	0.00	0.01	0.00	4.46	1.61	0.00	0.00	0.01	0.00
4.47	1.32	0.00	0.00	0.01	0.00	4.48	1.34	0.00	0.00	0.01	0.00
4.49	1.21	0.00	0.00	0.01	0.00	4.50	1.21	0.00	0.00	0.01	0.00
4.51	1.13	0.00	0.00	0.01	0.00	4.52	1.01	0.00	0.00	0.01	0.00
4.53	0.87	0.00	0.00	0.01	0.01	4.54	0.72	0.28	1.02	0.01	0.02
4.55	0.69	0.31	0.87	0.01	0.02	4.56	0.60	0.40	0.63	0.01	0.03
4.57	0.60	0.40	0.63	0.01	0.03	4.58	0.57	0.43	0.58	0.01	0.03
4.59	0.56	0.44	0.55	0.01	0.03	4.60	0.55	0.45	0.55	0.01	0.03
4.61	0.55	0.45	0.55	0.01	0.03	4.62	0.53	0.47	0.52	0.01	0.04
4.63	0.57	0.43	0.57	0.01	0.03	4.64	0.52	0.48	0.50	0.01	0.04
4.65	0.53	0.47	0.52	0.01	0.04	4.66	0.53	0.47	0.51	0.01	0.04
4.67	0.50	0.50	0.48	0.01	0.04	4.68	0.48	0.52	0.46	0.01	0.04
4.69	0.49	0.51	0.47	0.01	0.04	4.70	0.49	0.51	0.47	0.01	0.04
4.71	0.51	0.49	0.49	0.01	0.04	4.72	0.48	0.52	0.46	0.01	0.04
4.73	0.50	0.50	0.48	0.01	0.04	4.74	0.51	0.49	0.49	0.01	0.04
4.75	0.53	0.47	0.51	0.01	0.04	4.76	0.52	0.48	0.50	0.01	0.04
4.77	0.50	0.50	0.48	0.01	0.04	4.78	0.46	0.54	0.44	0.01	0.04
4.79	2.00	0.00	0.00	0.01	0.00	4.80	2.00	0.00	0.00	0.01	0.00
4.81	2.00	0.00	0.00	0.01	0.00	4.82	2.00	0.00	0.00	0.01	0.00
4.83	2.00	0.00	0.00	0.01	0.00	4.84	2.00	0.00	0.00	0.01	0.00
4.85	2.00	0.00	0.00	0.01	0.00	4.86	2.00	0.00	0.00	0.01	0.00
4.87	2.00	0.00	0.00	0.01	0.00	4.88	2.00	0.00	0.00	0.01	0.00
4.89	2.00	0.00	0.00	0.01	0.00	4.90	2.00	0.00	0.00	0.01	0.00
4.91	2.00	0.00	0.00	0.01	0.00	4.92	2.00	0.00	0.00	0.01	0.00
4.93	2.00	0.00	0.00	0.01	0.00	4.94	2.00	0.00	0.00	0.01	0.00
4.95	2.00	0.00	0.00	0.01	0.00	4.96	2.00	0.00	0.00	0.01	0.00
4.97	2.00	0.00	0.00	0.01	0.00	4.98	2.00	0.00	0.00	0.01	0.00
4.99	2.00	0.00	0.00	0.01	0.00	5.00	2.00	0.00	0.00	0.01	0.00
5.01	2.00	0.00	0.00	0.01	0.00	5.02	2.00	0.00	0.00	0.01	0.00
5.03	2.00	0.00	0.00	0.01	0.00	5.04	2.00	0.00	0.00	0.01	0.00
5.05	2.00	0.00	0.00	0.01	0.00	5.06	2.00	0.00	0.00	0.01	0.00
5.07	2.00	0.00	0.00	0.01	0.00	5.08	2.00	0.00	0.00	0.01	0.00
5.09	2.00	0.00	0.00	0.01	0.00	5.10	2.00	0.00	0.00	0.01	0.00
5.11	2.00	0.00	0.00	0.01	0.00	5.12	2.00	0.00	0.00	0.01	0.00
5.13	2.00	0.00	0.00	0.01	0.00	5.14	2.00	0.00	0.00	0.01	0.00
5.15	2.00	0.00	0.00	0.01	0.00	5.16	2.00	0.00	0.00	0.01	0.00
5.17	2.00	0.00	0.00	0.01	0.00	5.18	2.00	0.00	0.00	0.01	0.00
5.19	2.00	0.00	0.00	0.01	0.00	5.20	2.00	0.00	0.00	0.01	0.00
5.21	2.00	0.00	0.00	0.01	0.00	5.22	2.00	0.00	0.00	0.01	0.00
5.23	2.00	0.00	0.00	0.01	0.00	5.24	2.00	0.00	0.00	0.01	0.00
5.25	2.00	0.00	0.00	0.01	0.00	5.26	2.00	0.00	0.00	0.01	0.00
5.27	2.00	0.00	0.00	0.01	0.00	5.28	2.00	0.00	0.00	0.01	0.00
5.29	2.00	0.00	0.00	0.01	0.00	5.30	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.31	2.00	0.00	0.00	0.01	0.00	5.32	2.00	0.00	0.00	0.01	0.00
5.33	2.00	0.00	0.00	0.01	0.00	5.34	2.00	0.00	0.00	0.01	0.00
5.35	2.00	0.00	0.00	0.01	0.00	5.36	2.00	0.00	0.00	0.01	0.00
5.37	2.00	0.00	0.00	0.01	0.00	5.38	2.00	0.00	0.00	0.01	0.00
5.39	2.00	0.00	0.00	0.01	0.00	5.40	2.00	0.00	0.00	0.01	0.00
5.41	2.00	0.00	0.00	0.01	0.00	5.42	2.00	0.00	0.00	0.01	0.00
5.43	2.00	0.00	0.00	0.01	0.00	5.44	2.00	0.00	0.00	0.01	0.00
5.45	2.00	0.00	0.00	0.01	0.00	5.46	2.00	0.00	0.00	0.01	0.00
5.47	2.00	0.00	0.00	0.01	0.00	5.48	2.00	0.00	0.00	0.01	0.00
5.49	2.00	0.00	0.00	0.01	0.00	5.50	2.00	0.00	0.00	0.01	0.00
5.51	2.00	0.00	0.00	0.01	0.00	5.52	2.00	0.00	0.00	0.01	0.00
5.53	2.00	0.00	0.00	0.01	0.00	5.54	2.00	0.00	0.00	0.01	0.00
5.55	2.00	0.00	0.00	0.01	0.00	5.56	2.00	0.00	0.00	0.01	0.00
5.57	2.00	0.00	0.00	0.01	0.00	5.58	2.00	0.00	0.00	0.01	0.00
5.59	2.00	0.00	0.00	0.01	0.00	5.60	2.00	0.00	0.00	0.01	0.00
5.61	2.00	0.00	0.00	0.01	0.00	5.62	2.00	0.00	0.00	0.01	0.00
5.63	2.00	0.00	0.00	0.01	0.00	5.64	2.00	0.00	0.00	0.01	0.00
5.65	2.00	0.00	0.00	0.01	0.00	5.66	2.00	0.00	0.00	0.01	0.00
5.67	2.00	0.00	0.00	0.01	0.00	5.68	2.00	0.00	0.00	0.01	0.00
5.69	2.00	0.00	0.00	0.01	0.00	5.70	2.00	0.00	0.00	0.01	0.00
5.71	2.00	0.00	0.00	0.01	0.00	5.72	2.00	0.00	0.00	0.01	0.00
5.73	2.00	0.00	0.00	0.01	0.00	5.74	2.00	0.00	0.00	0.01	0.00
5.75	2.00	0.00	0.00	0.01	0.00	5.76	2.00	0.00	0.00	0.01	0.00
5.77	2.00	0.00	0.00	0.01	0.00	5.78	2.00	0.00	0.00	0.01	0.00
5.79	2.00	0.00	0.00	0.01	0.00	5.80	2.00	0.00	0.00	0.01	0.00
5.81	2.00	0.00	0.00	0.01	0.00	5.82	2.00	0.00	0.00	0.01	0.00
5.83	2.00	0.00	0.00	0.01	0.00	5.84	2.00	0.00	0.00	0.01	0.00
5.85	2.00	0.00	0.00	0.01	0.00	5.86	2.00	0.00	0.00	0.01	0.00
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	2.00	0.00	0.00	0.01	0.00
6.17	2.00	0.00	0.00	0.01	0.00	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	2.00	0.00	0.00	0.01	0.00	6.26	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.27	2.00	0.00	0.00	0.01	0.00	6.28	2.00	0.00	0.00	0.01	0.00
6.29	2.00	0.00	0.00	0.01	0.00	6.30	2.00	0.00	0.00	0.01	0.00
6.31	2.00	0.00	0.00	0.01	0.00	6.32	2.00	0.00	0.00	0.01	0.00
6.33	2.00	0.00	0.00	0.01	0.00	6.34	2.00	0.00	0.00	0.01	0.00
6.35	2.00	0.00	0.00	0.01	0.00	6.36	2.00	0.00	0.00	0.01	0.00
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	2.00	0.00	0.00	0.01	0.00	6.40	2.00	0.00	0.00	0.01	0.00
6.41	2.00	0.00	0.00	0.01	0.00	6.42	2.00	0.00	0.00	0.01	0.00
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	2.00	0.00	0.00	0.01	0.00
6.57	2.00	0.00	0.00	0.01	0.00	6.58	2.00	0.00	0.00	0.01	0.00
6.59	2.00	0.00	0.00	0.01	0.00	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	2.00	0.00	0.00	0.01	0.00
6.93	2.00	0.00	0.00	0.01	0.00	6.94	2.00	0.00	0.00	0.01	0.00
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	2.00	0.00	0.00	0.01	0.00	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00

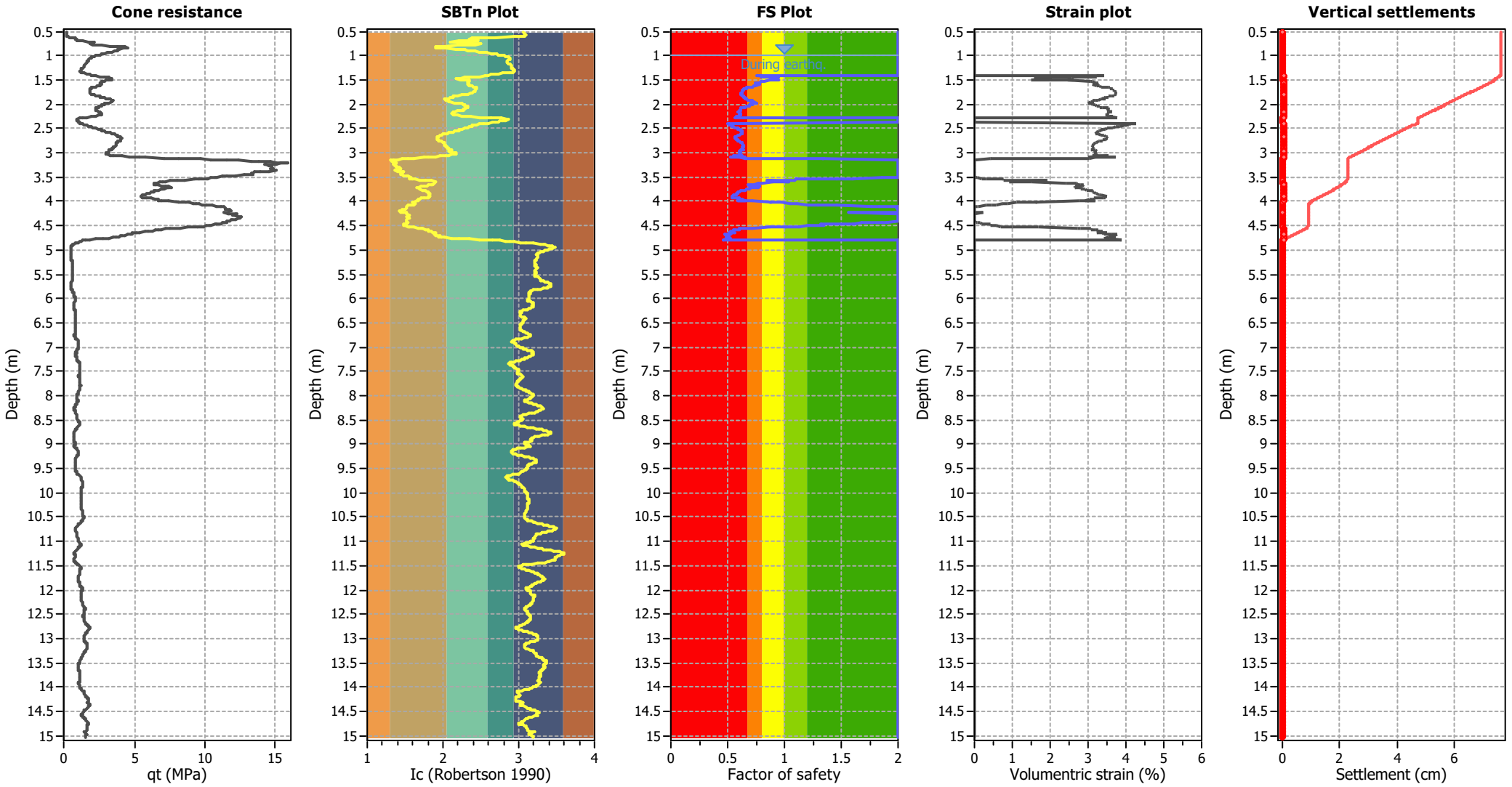
Overall liquefaction potential: 7.04

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	37.60	2.00	0.00	1.00	0.00	1.01	35.59	2.00	0.00	1.00	0.00
1.02	34.03	2.00	0.00	1.00	0.00	1.03	32.62	2.00	0.00	1.00	0.00
1.04	31.12	2.00	0.00	1.00	0.00	1.05	31.06	2.00	0.00	1.00	0.00
1.06	30.59	2.00	0.00	1.00	0.00	1.07	28.32	2.00	0.00	1.00	0.00
1.08	27.78	2.00	0.00	1.00	0.00	1.09	27.70	2.00	0.00	1.00	0.00
1.10	27.70	2.00	0.00	1.00	0.00	1.11	27.70	2.00	0.00	1.00	0.00
1.12	27.31	2.00	0.00	1.00	0.00	1.13	26.91	2.00	0.00	1.00	0.00
1.14	26.76	2.00	0.00	1.00	0.00	1.15	26.37	2.00	0.00	1.00	0.00
1.16	25.75	2.00	0.00	1.00	0.00	1.17	24.97	2.00	0.00	1.00	0.00
1.18	24.26	2.00	0.00	1.00	0.00	1.19	23.87	2.00	0.00	1.00	0.00
1.20	23.79	2.00	0.00	1.00	0.00	1.21	23.49	2.00	0.00	1.00	0.00
1.22	23.25	2.00	0.00	1.00	0.00	1.23	23.17	2.00	0.00	1.00	0.00
1.24	22.55	2.00	0.00	1.00	0.00	1.25	22.00	2.00	0.00	1.00	0.00
1.26	21.31	2.00	0.00	1.00	0.00	1.27	20.37	2.00	0.00	1.00	0.00
1.28	19.58	2.00	0.00	1.00	0.00	1.29	19.11	2.00	0.00	1.00	0.00
1.30	19.04	2.00	0.00	1.00	0.00	1.31	18.81	2.00	0.00	1.00	0.00
1.32	18.49	2.00	0.00	1.00	0.00	1.33	18.34	2.00	0.00	1.00	0.00
1.34	18.64	2.00	0.00	1.00	0.00	1.35	20.99	2.00	0.00	1.00	0.00
1.36	23.72	2.00	0.00	1.00	0.00	1.37	27.93	2.00	0.00	1.00	0.00
1.38	27.93	2.00	0.00	1.00	0.00	1.39	28.79	2.00	0.00	1.00	0.00
1.40	35.74	2.00	0.00	1.00	0.00	1.41	94.34	0.75	3.41	1.00	0.03
1.42	99.39	0.79	3.23	1.00	0.03	1.43	99.49	0.79	3.23	1.00	0.03
1.44	108.16	0.88	2.56	1.00	0.03	1.45	113.38	0.94	1.58	1.00	0.02
1.46	110.53	0.90	2.06	1.00	0.02	1.47	112.01	0.92	1.82	1.00	0.02
1.48	110.97	0.90	2.04	1.00	0.02	1.49	114.67	0.95	1.50	1.00	0.02
1.50	108.94	0.87	2.63	1.00	0.03	1.51	109.59	0.88	2.48	1.00	0.02
1.52	104.61	0.82	3.07	1.00	0.03	1.53	104.55	0.82	3.07	1.00	0.03
1.54	102.95	0.80	3.12	1.00	0.03	1.55	101.19	0.78	3.17	1.00	0.03
1.56	100.01	0.77	3.21	1.00	0.03	1.57	98.08	0.75	3.28	1.00	0.03
1.58	100.00	0.76	3.21	1.00	0.03	1.59	100.46	0.76	3.20	1.00	0.03
1.60	102.65	0.78	3.13	1.00	0.03	1.61	98.90	0.74	3.25	1.00	0.03
1.62	99.60	0.75	3.23	1.00	0.03	1.63	97.60	0.73	3.29	1.00	0.03
1.64	95.63	0.71	3.36	1.00	0.03	1.65	91.11	0.68	3.53	1.00	0.04
1.66	90.21	0.67	3.56	1.00	0.04	1.67	90.01	0.66	3.57	1.00	0.04
1.68	88.55	0.65	3.63	1.00	0.04	1.69	87.69	0.65	3.67	1.00	0.04
1.70	87.57	0.64	3.67	1.00	0.04	1.71	87.58	0.64	3.67	1.00	0.04
1.72	86.61	0.63	3.71	1.00	0.04	1.73	86.96	0.63	3.70	1.00	0.04
1.74	86.04	0.63	3.74	1.00	0.04	1.75	86.22	0.63	3.73	1.00	0.04
1.76	86.57	0.63	3.71	1.00	0.04	1.77	85.99	0.62	3.74	1.00	0.04
1.78	85.81	0.62	3.74	1.00	0.04	1.79	85.69	0.62	3.75	1.00	0.04
1.80	85.78	0.62	3.75	1.00	0.04	1.81	86.63	0.62	3.71	1.00	0.04
1.82	87.27	0.62	3.68	1.00	0.04	1.83	88.70	0.63	3.62	1.00	0.04
1.84	90.59	0.64	3.55	1.00	0.04	1.85	90.53	0.64	3.55	1.00	0.04
1.86	93.09	0.66	3.45	1.00	0.03	1.87	93.79	0.66	3.43	1.00	0.03
1.88	95.18	0.67	3.38	1.00	0.03	1.89	93.03	0.65	3.46	1.00	0.03
1.90	95.60	0.67	3.36	1.00	0.03	1.91	97.77	0.68	3.29	1.00	0.03
1.92	100.09	0.70	3.21	1.00	0.03	1.93	102.53	0.72	3.13	1.00	0.03
1.94	102.61	0.72	3.13	1.00	0.03	1.95	101.36	0.71	3.17	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	104.07	0.73	3.08	1.00	0.03	1.97	107.45	0.76	2.98	1.00	0.03
1.98	101.79	0.71	3.16	1.00	0.03	1.99	104.26	0.73	3.08	1.00	0.03
2.00	103.51	0.72	3.10	1.00	0.03	2.01	102.14	0.71	3.14	1.00	0.03
2.02	100.85	0.69	3.19	1.00	0.03	2.03	100.01	0.69	3.21	1.00	0.03
2.04	99.10	0.68	3.24	1.00	0.03	2.05	97.68	0.67	3.29	1.00	0.03
2.06	96.89	0.66	3.32	1.00	0.03	2.07	94.60	0.64	3.40	1.00	0.03
2.08	91.06	0.62	3.53	1.00	0.04	2.09	90.39	0.61	3.56	1.00	0.04
2.10	91.26	0.61	3.52	1.00	0.04	2.11	91.37	0.61	3.52	1.00	0.04
2.12	91.45	0.61	3.52	1.00	0.04	2.13	90.62	0.61	3.55	1.00	0.04
2.14	89.66	0.60	3.59	1.00	0.04	2.15	89.33	0.60	3.60	1.00	0.04
2.16	89.26	0.60	3.60	1.00	0.04	2.17	91.10	0.61	3.53	1.00	0.04
2.18	90.80	0.60	3.54	1.00	0.04	2.19	91.29	0.61	3.52	1.00	0.04
2.20	91.98	0.61	3.50	1.00	0.03	2.21	92.18	0.61	3.49	1.00	0.03
2.22	92.89	0.61	3.46	1.00	0.03	2.23	91.92	0.61	3.50	1.00	0.03
2.24	92.34	0.61	3.48	1.00	0.03	2.25	87.52	0.58	3.67	1.00	0.04
2.26	89.82	0.59	3.58	1.00	0.04	2.27	84.98	0.56	3.78	1.00	0.04
2.28	20.44	2.00	0.00	1.00	0.00	2.29	16.39	2.00	0.00	1.00	0.00
2.30	15.52	2.00	0.00	1.00	0.00	2.31	15.07	2.00	0.00	1.00	0.00
2.32	14.13	2.00	0.00	1.00	0.00	2.33	14.36	2.00	0.00	1.00	0.00
2.34	16.07	2.00	0.00	1.00	0.00	2.35	16.07	2.00	0.00	1.00	0.00
2.36	16.84	2.00	0.00	1.00	0.00	2.37	17.31	2.00	0.00	1.00	0.00
2.38	17.95	2.00	0.00	1.00	0.00	2.39	75.06	0.50	4.26	1.00	0.04
2.40	75.41	0.50	4.24	1.00	0.04	2.41	77.89	0.51	4.11	1.00	0.04
2.42	78.38	0.51	4.09	1.00	0.04	2.43	81.80	0.53	3.92	1.00	0.04
2.44	81.25	0.53	3.95	1.00	0.04	2.45	83.22	0.54	3.86	1.00	0.04
2.46	85.03	0.55	3.78	1.00	0.04	2.47	86.38	0.55	3.72	1.00	0.04
2.48	87.80	0.56	3.66	1.00	0.04	2.49	89.07	0.57	3.61	1.00	0.04
2.50	92.03	0.58	3.49	1.00	0.03	2.51	92.99	0.59	3.46	1.00	0.03
2.52	96.28	0.61	3.34	1.00	0.03	2.53	95.36	0.60	3.37	1.00	0.03
2.54	96.67	0.61	3.33	1.00	0.03	2.55	97.51	0.62	3.30	1.00	0.03
2.56	98.40	0.62	3.27	1.00	0.03	2.57	99.29	0.63	3.24	1.00	0.03
2.58	99.97	0.63	3.21	1.00	0.03	2.59	99.44	0.63	3.23	1.00	0.03
2.60	100.30	0.63	3.20	1.00	0.03	2.61	98.03	0.62	3.28	1.00	0.03
2.62	98.37	0.62	3.27	1.00	0.03	2.63	95.71	0.60	3.36	1.00	0.03
2.64	95.64	0.60	3.36	1.00	0.03	2.65	94.31	0.59	3.41	1.00	0.03
2.66	93.36	0.58	3.44	1.00	0.03	2.67	92.19	0.57	3.49	1.00	0.03
2.68	91.40	0.57	3.52	1.00	0.04	2.69	91.60	0.57	3.51	1.00	0.04
2.70	91.54	0.57	3.51	1.00	0.04	2.71	91.90	0.57	3.50	1.00	0.03
2.72	92.61	0.57	3.47	1.00	0.03	2.73	93.24	0.58	3.45	1.00	0.03
2.74	94.52	0.58	3.40	1.00	0.03	2.75	95.52	0.59	3.37	1.00	0.03
2.76	96.89	0.60	3.32	1.00	0.03	2.77	98.02	0.61	3.28	1.00	0.03
2.78	99.90	0.62	3.22	1.00	0.03	2.79	99.91	0.62	3.22	1.00	0.03
2.80	101.13	0.63	3.18	1.00	0.03	2.81	101.38	0.63	3.17	1.00	0.03
2.82	101.81	0.63	3.15	1.00	0.03	2.83	102.26	0.63	3.14	1.00	0.03
2.84	102.74	0.64	3.13	1.00	0.03	2.85	102.74	0.64	3.13	1.00	0.03
2.86	102.77	0.64	3.12	1.00	0.03	2.87	103.29	0.64	3.11	1.00	0.03
2.88	101.89	0.63	3.15	1.00	0.03	2.89	102.60	0.63	3.13	1.00	0.03
2.90	102.26	0.63	3.14	1.00	0.03	2.91	102.50	0.63	3.13	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	102.27	0.63	3.14	1.00	0.03	2.93	102.46	0.63	3.13	1.00	0.03
2.94	103.83	0.64	3.09	1.00	0.03	2.95	100.54	0.61	3.20	1.00	0.03
2.96	98.94	0.60	3.25	1.00	0.03	2.97	100.45	0.61	3.20	1.00	0.03
2.98	99.43	0.60	3.23	1.00	0.03	2.99	101.32	0.62	3.17	1.00	0.03
3.00	100.15	0.61	3.21	1.00	0.03	3.01	100.92	0.61	3.18	1.00	0.03
3.02	101.13	0.61	3.18	1.00	0.03	3.03	99.82	0.60	3.22	1.00	0.03
3.04	99.75	0.60	3.22	1.00	0.03	3.05	99.59	0.60	3.23	1.00	0.03
3.06	102.72	0.62	3.13	1.00	0.03	3.07	90.90	0.55	3.54	1.00	0.04
3.08	106.78	0.66	3.00	1.00	0.03	3.09	86.41	0.52	3.72	1.00	0.04
3.10	100.33	0.61	3.20	1.00	0.03	3.11	106.10	0.65	3.02	1.00	0.03
3.12	145.64	1.34	0.41	1.00	0.00	3.13	145.52	1.34	0.42	1.00	0.00
3.14	166.16	2.00	0.00	1.00	0.00	3.15	173.73	2.00	0.00	1.00	0.00
3.16	185.30	2.00	0.00	1.00	0.00	3.17	193.30	2.00	0.00	1.00	0.00
3.18	204.73	2.00	0.00	1.00	0.00	3.19	204.59	2.00	0.00	1.00	0.00
3.20	219.76	2.00	0.00	1.00	0.00	3.21	217.15	2.00	0.00	1.00	0.00
3.22	231.23	2.00	0.00	1.00	0.00	3.23	202.63	2.00	0.00	1.00	0.00
3.24	205.87	2.00	0.00	1.00	0.00	3.25	206.10	2.00	0.00	1.00	0.00
3.26	205.96	2.00	0.00	1.00	0.00	3.27	209.07	2.00	0.00	1.00	0.00
3.28	208.12	2.00	0.00	1.00	0.00	3.29	210.62	2.00	0.00	1.00	0.00
3.30	209.05	2.00	0.00	1.00	0.00	3.31	207.84	2.00	0.00	1.00	0.00
3.32	210.28	2.00	0.00	1.00	0.00	3.33	210.14	2.00	0.00	1.00	0.00
3.34	208.31	2.00	0.00	1.00	0.00	3.35	204.25	2.00	0.00	1.00	0.00
3.36	214.17	2.00	0.00	1.00	0.00	3.37	214.48	2.00	0.00	1.00	0.00
3.38	207.31	2.00	0.00	1.00	0.00	3.39	194.08	2.00	0.00	1.00	0.00
3.40	193.94	2.00	0.00	1.00	0.00	3.41	193.85	2.00	0.00	1.00	0.00
3.42	191.34	2.00	0.00	1.00	0.00	3.43	191.25	2.00	0.00	1.00	0.00
3.44	191.68	2.00	0.00	1.00	0.00	3.45	195.38	2.00	0.00	1.00	0.00
3.46	187.62	2.00	0.00	1.00	0.00	3.47	173.17	2.00	0.00	1.00	0.00
3.48	173.04	2.00	0.00	1.00	0.00	3.49	164.53	2.00	0.00	1.00	0.00
3.50	161.72	2.00	0.00	1.00	0.00	3.51	160.03	2.00	0.00	1.00	0.00
3.52	157.84	1.86	0.06	1.00	0.00	3.53	152.90	1.60	0.20	1.00	0.00
3.54	149.51	1.46	0.31	1.00	0.00	3.55	138.05	1.10	0.77	1.00	0.01
3.56	137.93	1.10	0.78	1.00	0.01	3.57	125.05	0.85	1.93	1.00	0.02
3.58	127.04	0.88	1.65	1.00	0.02	3.59	135.19	1.03	0.94	1.00	0.01
3.60	135.61	1.04	0.91	1.00	0.01	3.61	128.24	0.90	1.51	1.00	0.02
3.62	122.67	0.81	2.42	1.00	0.02	3.63	118.98	0.76	2.68	1.00	0.03
3.64	119.07	0.76	2.68	1.00	0.03	3.65	116.31	0.73	2.74	1.00	0.03
3.66	113.46	0.70	2.82	1.00	0.03	3.67	110.65	0.67	2.89	1.00	0.03
3.68	112.89	0.70	2.83	1.00	0.03	3.69	112.64	0.69	2.84	1.00	0.03
3.70	120.24	0.78	2.65	1.00	0.03	3.71	119.43	0.77	2.67	1.00	0.03
3.72	119.33	0.77	2.67	1.00	0.03	3.73	113.71	0.70	2.81	1.00	0.03
3.74	113.29	0.70	2.82	1.00	0.03	3.75	112.34	0.69	2.85	1.00	0.03
3.76	110.16	0.67	2.91	1.00	0.03	3.77	108.84	0.65	2.94	1.00	0.03
3.78	103.55	0.61	3.10	1.00	0.03	3.79	103.55	0.61	3.10	1.00	0.03
3.80	103.14	0.61	3.11	1.00	0.03	3.81	102.46	0.60	3.13	1.00	0.03
3.82	101.68	0.60	3.16	1.00	0.03	3.83	101.21	0.59	3.17	1.00	0.03
3.84	100.01	0.58	3.21	1.00	0.03	3.85	99.74	0.58	3.22	1.00	0.03
3.86	98.59	0.57	3.26	1.00	0.03	3.87	97.65	0.57	3.29	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	95.85	0.56	3.35	1.00	0.03	3.89	92.18	0.53	3.49	1.00	0.03
3.90	92.57	0.53	3.47	1.00	0.03	3.91	92.91	0.54	3.46	1.00	0.03
3.92	92.80	0.54	3.47	1.00	0.03	3.93	93.51	0.54	3.44	1.00	0.03
3.94	102.16	0.60	3.14	1.00	0.03	3.95	102.08	0.60	3.15	1.00	0.03
3.96	103.66	0.61	3.10	1.00	0.03	3.97	105.78	0.62	3.03	1.00	0.03
3.98	109.77	0.66	2.92	1.00	0.03	3.99	101.02	0.59	3.18	1.00	0.03
4.00	116.01	0.72	2.75	1.00	0.03	4.01	127.93	0.88	1.62	1.00	0.02
4.02	127.84	0.88	1.64	1.00	0.02	4.03	133.01	0.97	1.13	1.00	0.01
4.04	136.61	1.05	0.89	1.00	0.01	4.05	139.73	1.12	0.72	1.00	0.01
4.06	139.62	1.12	0.73	1.00	0.01	4.07	142.80	1.20	0.58	1.00	0.01
4.08	145.81	1.30	0.46	1.00	0.00	4.09	150.33	1.46	0.30	1.00	0.00
4.10	156.79	1.76	0.11	1.00	0.00	4.11	158.07	1.84	0.07	1.00	0.00
4.12	161.95	2.00	0.00	1.00	0.00	4.13	161.85	2.00	0.00	1.00	0.00
4.14	160.58	1.99	0.00	1.00	0.00	4.15	161.05	2.00	0.00	1.00	0.00
4.16	162.53	2.00	0.00	1.00	0.00	4.17	165.58	2.00	0.00	1.00	0.00
4.18	165.80	2.00	0.00	1.00	0.00	4.19	164.70	2.00	0.00	1.00	0.00
4.20	164.60	2.00	0.00	1.00	0.00	4.21	163.92	2.00	0.00	1.00	0.00
4.22	161.18	2.00	0.00	1.00	0.00	4.23	152.88	1.57	0.23	1.00	0.00
4.24	164.60	2.00	0.00	1.00	0.00	4.25	171.79	2.00	0.00	1.00	0.00
4.26	168.31	2.00	0.00	1.00	0.00	4.27	168.20	2.00	0.00	1.00	0.00
4.28	163.38	2.00	0.00	1.00	0.00	4.29	166.68	2.00	0.00	1.00	0.00
4.30	170.05	2.00	0.00	1.00	0.00	4.31	175.52	2.00	0.00	1.00	0.00
4.32	168.69	2.00	0.00	1.00	0.00	4.33	172.26	2.00	0.00	1.00	0.00
4.34	172.15	2.00	0.00	1.00	0.00	4.35	169.62	2.00	0.00	1.00	0.00
4.36	166.28	2.00	0.00	1.00	0.00	4.37	164.93	2.00	0.00	1.00	0.00
4.38	163.05	2.00	0.00	1.00	0.00	4.39	163.88	2.00	0.00	1.00	0.00
4.40	161.10	2.00	0.00	1.00	0.00	4.41	161.00	2.00	0.00	1.00	0.00
4.42	159.21	1.89	0.04	1.00	0.00	4.43	158.64	1.86	0.06	1.00	0.00
4.44	155.26	1.67	0.16	1.00	0.00	4.45	154.04	1.61	0.19	1.00	0.00
4.46	153.90	1.61	0.20	1.00	0.00	4.47	146.70	1.32	0.44	1.00	0.00
4.48	147.47	1.34	0.41	1.00	0.00	4.49	143.50	1.21	0.57	1.00	0.01
4.50	143.41	1.21	0.57	1.00	0.01	4.51	140.55	1.13	0.70	1.00	0.01
4.52	135.34	1.01	1.00	1.00	0.01	4.53	127.80	0.87	1.70	1.00	0.02
4.54	116.92	0.72	2.73	1.00	0.03	4.55	113.83	0.69	2.81	1.00	0.03
4.56	104.31	0.60	3.08	1.00	0.03	4.57	104.24	0.60	3.08	1.00	0.03
4.58	100.36	0.57	3.20	1.00	0.03	4.59	98.25	0.56	3.27	1.00	0.03
4.60	97.84	0.55	3.29	1.00	0.03	4.61	97.84	0.55	3.29	1.00	0.03
4.62	94.72	0.53	3.39	1.00	0.03	4.63	99.87	0.57	3.22	1.00	0.03
4.64	92.32	0.52	3.48	1.00	0.03	4.65	94.98	0.53	3.39	1.00	0.03
4.66	93.86	0.53	3.43	1.00	0.03	4.67	88.94	0.50	3.62	1.00	0.04
4.68	85.61	0.48	3.75	1.00	0.04	4.69	87.38	0.49	3.68	1.00	0.04
4.70	87.30	0.49	3.68	1.00	0.04	4.71	90.85	0.51	3.54	1.00	0.04
4.72	86.49	0.48	3.72	1.00	0.04	4.73	89.98	0.50	3.57	1.00	0.04
4.74	91.24	0.51	3.52	1.00	0.04	4.75	94.05	0.53	3.42	1.00	0.03
4.76	92.66	0.52	3.47	1.00	0.03	4.77	90.24	0.50	3.56	1.00	0.04
4.78	82.28	0.46	3.90	1.00	0.04	4.79	22.74	2.00	0.00	1.00	0.00
4.80	18.97	2.00	0.00	1.00	0.00	4.81	18.92	2.00	0.00	1.00	0.00
4.82	17.66	2.00	0.00	1.00	0.00	4.83	16.54	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	15.07	2.00	0.00	1.00	0.00	4.85	13.81	2.00	0.00	1.00	0.00
4.86	11.21	2.00	0.00	1.00	0.00	4.87	10.43	2.00	0.00	1.00	0.00
4.88	9.29	2.00	0.00	1.00	0.00	4.89	9.28	2.00	0.00	1.00	0.00
4.90	8.77	2.00	0.00	1.00	0.00	4.91	8.26	2.00	0.00	1.00	0.00
4.92	7.83	2.00	0.00	1.00	0.00	4.93	7.54	2.00	0.00	1.00	0.00
4.94	7.02	2.00	0.00	1.00	0.00	4.95	6.88	2.00	0.00	1.00	0.00
4.96	6.79	2.00	0.00	1.00	0.00	4.97	6.79	2.00	0.00	1.00	0.00
4.98	6.64	2.00	0.00	1.00	0.00	4.99	6.50	2.00	0.00	1.00	0.00
5.00	6.50	2.00	0.00	1.00	0.00	5.01	6.41	2.00	0.00	1.00	0.00
5.02	6.35	2.00	0.00	1.00	0.00	5.03	6.40	2.00	0.00	1.00	0.00
5.04	6.55	2.00	0.00	1.00	0.00	5.05	6.61	2.00	0.00	1.00	0.00
5.06	6.60	2.00	0.00	1.00	0.00	5.07	6.46	2.00	0.00	1.00	0.00
5.08	6.46	2.00	0.00	1.00	0.00	5.09	6.66	2.00	0.00	1.00	0.00
5.10	6.58	2.00	0.00	1.00	0.00	5.11	6.65	2.00	0.00	1.00	0.00
5.12	6.65	2.00	0.00	1.00	0.00	5.13	6.51	2.00	0.00	1.00	0.00
5.14	6.64	2.00	0.00	1.00	0.00	5.15	6.63	2.00	0.00	1.00	0.00
5.16	6.76	2.00	0.00	1.00	0.00	5.17	6.97	2.00	0.00	1.00	0.00
5.18	7.04	2.00	0.00	1.00	0.00	5.19	7.10	2.00	0.00	1.00	0.00
5.20	7.17	2.00	0.00	1.00	0.00	5.21	7.24	2.00	0.00	1.00	0.00
5.22	7.50	2.00	0.00	1.00	0.00	5.23	7.50	2.00	0.00	1.00	0.00
5.24	7.56	2.00	0.00	1.00	0.00	5.25	7.56	2.00	0.00	1.00	0.00
5.26	7.69	2.00	0.00	1.00	0.00	5.27	7.76	2.00	0.00	1.00	0.00
5.28	7.62	2.00	0.00	1.00	0.00	5.29	7.54	2.00	0.00	1.00	0.00
5.30	7.66	2.00	0.00	1.00	0.00	5.31	7.66	2.00	0.00	1.00	0.00
5.32	7.59	2.00	0.00	1.00	0.00	5.33	7.51	2.00	0.00	1.00	0.00
5.34	7.58	2.00	0.00	1.00	0.00	5.35	7.63	2.00	0.00	1.00	0.00
5.36	7.49	2.00	0.00	1.00	0.00	5.37	7.41	2.00	0.00	1.00	0.00
5.38	7.48	2.00	0.00	1.00	0.00	5.39	7.55	2.00	0.00	1.00	0.00
5.40	7.55	2.00	0.00	1.00	0.00	5.41	7.60	2.00	0.00	1.00	0.00
5.42	7.67	2.00	0.00	1.00	0.00	5.43	7.59	2.00	0.00	1.00	0.00
5.44	7.58	2.00	0.00	1.00	0.00	5.45	7.52	2.00	0.00	1.00	0.00
5.46	7.57	2.00	0.00	1.00	0.00	5.47	7.50	2.00	0.00	1.00	0.00
5.48	7.50	2.00	0.00	1.00	0.00	5.49	7.49	2.00	0.00	1.00	0.00
5.50	7.62	2.00	0.00	1.00	0.00	5.51	7.75	2.00	0.00	1.00	0.00
5.52	7.68	2.00	0.00	1.00	0.00	5.53	7.53	2.00	0.00	1.00	0.00
5.54	7.60	2.00	0.00	1.00	0.00	5.55	7.66	2.00	0.00	1.00	0.00
5.56	7.51	2.00	0.00	1.00	0.00	5.57	7.51	2.00	0.00	1.00	0.00
5.58	7.57	2.00	0.00	1.00	0.00	5.59	7.57	2.00	0.00	1.00	0.00
5.60	7.56	2.00	0.00	1.00	0.00	5.61	7.55	2.00	0.00	1.00	0.00
5.62	7.55	2.00	0.00	1.00	0.00	5.63	7.54	2.00	0.00	1.00	0.00
5.64	7.41	2.00	0.00	1.00	0.00	5.65	7.20	2.00	0.00	1.00	0.00
5.66	6.84	2.00	0.00	1.00	0.00	5.67	6.84	2.00	0.00	1.00	0.00
5.68	6.70	2.00	0.00	1.00	0.00	5.69	6.49	2.00	0.00	1.00	0.00
5.70	6.35	2.00	0.00	1.00	0.00	5.71	6.35	2.00	0.00	1.00	0.00
5.72	6.21	2.00	0.00	1.00	0.00	5.73	6.13	2.00	0.00	1.00	0.00
5.74	6.20	2.00	0.00	1.00	0.00	5.75	6.20	2.00	0.00	1.00	0.00
5.76	6.25	2.00	0.00	1.00	0.00	5.77	6.25	2.00	0.00	1.00	0.00
5.78	6.24	2.00	0.00	1.00	0.00	5.79	6.51	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	6.77	2.00	0.00	1.00	0.00	5.81	7.17	2.00	0.00	1.00	0.00
5.82	7.43	2.00	0.00	1.00	0.00	5.83	7.89	2.00	0.00	1.00	0.00
5.84	7.88	2.00	0.00	1.00	0.00	5.85	8.02	2.00	0.00	1.00	0.00
5.86	8.14	2.00	0.00	1.00	0.00	5.87	8.41	2.00	0.00	1.00	0.00
5.88	8.60	2.00	0.00	1.00	0.00	5.89	8.79	2.00	0.00	1.00	0.00
5.90	8.91	2.00	0.00	1.00	0.00	5.91	9.23	2.00	0.00	1.00	0.00
5.92	9.23	2.00	0.00	1.00	0.00	5.93	9.35	2.00	0.00	1.00	0.00
5.94	9.48	2.00	0.00	1.00	0.00	5.95	9.67	2.00	0.00	1.00	0.00
5.96	9.86	2.00	0.00	1.00	0.00	5.97	10.05	2.00	0.00	1.00	0.00
5.98	10.10	2.00	0.00	1.00	0.00	5.99	10.09	2.00	0.00	1.00	0.00
6.00	10.15	2.00	0.00	1.00	0.00	6.01	10.14	2.00	0.00	1.00	0.00
6.02	10.14	2.00	0.00	1.00	0.00	6.03	10.19	2.00	0.00	1.00	0.00
6.04	10.32	2.00	0.00	1.00	0.00	6.05	10.31	2.00	0.00	1.00	0.00
6.06	9.20	2.00	0.00	1.00	0.00	6.07	9.19	2.00	0.00	1.00	0.00
6.08	9.24	2.00	0.00	1.00	0.00	6.09	9.18	2.00	0.00	1.00	0.00
6.10	8.97	2.00	0.00	1.00	0.00	6.11	8.97	2.00	0.00	1.00	0.00
6.12	8.96	2.00	0.00	1.00	0.00	6.13	8.88	2.00	0.00	1.00	0.00
6.14	8.88	2.00	0.00	1.00	0.00	6.15	8.94	2.00	0.00	1.00	0.00
6.16	8.61	2.00	0.00	1.00	0.00	6.17	8.61	2.00	0.00	1.00	0.00
6.18	8.73	2.00	0.00	1.00	0.00	6.19	8.72	2.00	0.00	1.00	0.00
6.20	8.84	2.00	0.00	1.00	0.00	6.21	8.90	2.00	0.00	1.00	0.00
6.22	9.14	2.00	0.00	1.00	0.00	6.23	9.47	2.00	0.00	1.00	0.00
6.24	9.71	2.00	0.00	1.00	0.00	6.25	9.84	2.00	0.00	1.00	0.00
6.26	10.08	2.00	0.00	1.00	0.00	6.27	10.07	2.00	0.00	1.00	0.00
6.28	10.00	2.00	0.00	1.00	0.00	6.29	9.99	2.00	0.00	1.00	0.00
6.30	10.05	2.00	0.00	1.00	0.00	6.31	10.17	2.00	0.00	1.00	0.00
6.32	10.23	2.00	0.00	1.00	0.00	6.33	10.22	2.00	0.00	1.00	0.00
6.34	10.22	2.00	0.00	1.00	0.00	6.35	10.02	2.00	0.00	1.00	0.00
6.36	10.08	2.00	0.00	1.00	0.00	6.37	9.93	2.00	0.00	1.00	0.00
6.38	9.42	2.00	0.00	1.00	0.00	6.39	9.17	2.00	0.00	1.00	0.00
6.40	9.09	2.00	0.00	1.00	0.00	6.41	8.96	2.00	0.00	1.00	0.00
6.42	8.96	2.00	0.00	1.00	0.00	6.43	8.95	2.00	0.00	1.00	0.00
6.44	9.07	2.00	0.00	1.00	0.00	6.45	9.19	2.00	0.00	1.00	0.00
6.46	9.12	2.00	0.00	1.00	0.00	6.47	8.98	2.00	0.00	1.00	0.00
6.48	9.04	2.00	0.00	1.00	0.00	6.49	9.04	2.00	0.00	1.00	0.00
6.50	9.29	2.00	0.00	1.00	0.00	6.51	9.28	2.00	0.00	1.00	0.00
6.52	9.40	2.00	0.00	1.00	0.00	6.53	9.51	2.00	0.00	1.00	0.00
6.54	9.64	2.00	0.00	1.00	0.00	6.55	9.81	2.00	0.00	1.00	0.00
6.56	9.87	2.00	0.00	1.00	0.00	6.57	9.87	2.00	0.00	1.00	0.00
6.58	10.05	2.00	0.00	1.00	0.00	6.59	10.30	2.00	0.00	1.00	0.00
6.60	10.29	2.00	0.00	1.00	0.00	6.61	10.09	2.00	0.00	1.00	0.00
6.62	10.02	2.00	0.00	1.00	0.00	6.63	10.20	2.00	0.00	1.00	0.00
6.64	10.19	2.00	0.00	1.00	0.00	6.65	10.07	2.00	0.00	1.00	0.00
6.66	10.06	2.00	0.00	1.00	0.00	6.67	9.80	2.00	0.00	1.00	0.00
6.68	9.79	2.00	0.00	1.00	0.00	6.69	9.60	2.00	0.00	1.00	0.00
6.70	9.54	2.00	0.00	1.00	0.00	6.71	9.40	2.00	0.00	1.00	0.00
6.72	9.27	2.00	0.00	1.00	0.00	6.73	9.14	2.00	0.00	1.00	0.00
6.74	8.88	2.00	0.00	1.00	0.00	6.75	8.76	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	8.80	2.00	0.00	1.00	0.00	6.77	8.80	2.00	0.00	1.00	0.00
6.78	8.92	2.00	0.00	1.00	0.00	6.79	8.97	2.00	0.00	1.00	0.00
6.80	9.15	2.00	0.00	1.00	0.00	6.81	9.33	2.00	0.00	1.00	0.00
6.82	10.19	2.00	0.00	1.00	0.00	6.83	10.50	2.00	0.00	1.00	0.00
6.84	11.40	2.00	0.00	1.00	0.00	6.85	11.40	2.00	0.00	1.00	0.00
6.86	11.82	2.00	0.00	1.00	0.00	6.87	12.07	2.00	0.00	1.00	0.00
6.88	12.23	2.00	0.00	1.00	0.00	6.89	12.22	2.00	0.00	1.00	0.00
6.90	12.39	2.00	0.00	1.00	0.00	6.91	12.45	2.00	0.00	1.00	0.00
6.92	12.44	2.00	0.00	1.00	0.00	6.93	12.43	2.00	0.00	1.00	0.00
6.94	12.42	2.00	0.00	1.00	0.00	6.95	12.48	2.00	0.00	1.00	0.00
6.96	12.70	2.00	0.00	1.00	0.00	6.97	12.58	2.00	0.00	1.00	0.00
6.98	12.45	2.00	0.00	1.00	0.00	6.99	12.67	2.00	0.00	1.00	0.00
7.00	12.55	2.00	0.00	1.00	0.00	7.01	12.11	2.00	0.00	1.00	0.00
7.02	12.10	2.00	0.00	1.00	0.00	7.03	11.98	2.00	0.00	1.00	0.00
7.04	11.61	2.00	0.00	1.00	0.00	7.05	11.60	2.00	0.00	1.00	0.00
7.06	10.98	2.00	0.00	1.00	0.00	7.07	10.97	2.00	0.00	1.00	0.00
7.08	10.18	2.00	0.00	1.00	0.00	7.09	10.42	2.00	0.00	1.00	0.00
7.10	10.35	2.00	0.00	1.00	0.00	7.11	10.47	2.00	0.00	1.00	0.00
7.12	10.47	2.00	0.00	1.00	0.00	7.13	10.28	2.00	0.00	1.00	0.00
7.14	10.14	2.00	0.00	1.00	0.00	7.15	9.90	2.00	0.00	1.00	0.00
7.16	10.07	2.00	0.00	1.00	0.00	7.17	10.07	2.00	0.00	1.00	0.00
7.18	10.18	2.00	0.00	1.00	0.00	7.19	10.17	2.00	0.00	1.00	0.00
7.20	10.23	2.00	0.00	1.00	0.00	7.21	10.27	2.00	0.00	1.00	0.00
7.22	10.39	2.00	0.00	1.00	0.00	7.23	10.57	2.00	0.00	1.00	0.00
7.24	10.43	2.00	0.00	1.00	0.00	7.25	10.42	2.00	0.00	1.00	0.00
7.26	10.89	2.00	0.00	1.00	0.00	7.27	10.89	2.00	0.00	1.00	0.00
7.28	11.06	2.00	0.00	1.00	0.00	7.29	11.59	2.00	0.00	1.00	0.00
7.30	12.30	2.00	0.00	1.00	0.00	7.31	12.41	2.00	0.00	1.00	0.00
7.32	13.23	2.00	0.00	1.00	0.00	7.33	13.52	2.00	0.00	1.00	0.00
7.34	13.45	2.00	0.00	1.00	0.00	7.35	13.44	2.00	0.00	1.00	0.00
7.36	13.50	2.00	0.00	1.00	0.00	7.37	13.49	2.00	0.00	1.00	0.00
7.38	13.35	2.00	0.00	1.00	0.00	7.39	13.34	2.00	0.00	1.00	0.00
7.40	13.39	2.00	0.00	1.00	0.00	7.41	13.45	2.00	0.00	1.00	0.00
7.42	13.44	2.00	0.00	1.00	0.00	7.43	13.54	2.00	0.00	1.00	0.00
7.44	13.35	2.00	0.00	1.00	0.00	7.45	13.17	2.00	0.00	1.00	0.00
7.46	13.22	2.00	0.00	1.00	0.00	7.47	13.04	2.00	0.00	1.00	0.00
7.48	13.14	2.00	0.00	1.00	0.00	7.49	12.84	2.00	0.00	1.00	0.00
7.50	12.84	2.00	0.00	1.00	0.00	7.51	12.88	2.00	0.00	1.00	0.00
7.52	13.04	2.00	0.00	1.00	0.00	7.53	13.16	2.00	0.00	1.00	0.00
7.54	13.09	2.00	0.00	1.00	0.00	7.55	13.02	2.00	0.00	1.00	0.00
7.56	12.78	2.00	0.00	1.00	0.00	7.57	12.31	2.00	0.00	1.00	0.00
7.58	12.30	2.00	0.00	1.00	0.00	7.59	12.17	2.00	0.00	1.00	0.00
7.60	12.11	2.00	0.00	1.00	0.00	7.61	12.15	2.00	0.00	1.00	0.00
7.62	12.27	2.00	0.00	1.00	0.00	7.63	12.31	2.00	0.00	1.00	0.00
7.64	12.43	2.00	0.00	1.00	0.00	7.65	12.71	2.00	0.00	1.00	0.00
7.66	12.70	2.00	0.00	1.00	0.00	7.67	12.69	2.00	0.00	1.00	0.00
7.68	12.79	2.00	0.00	1.00	0.00	7.69	12.72	2.00	0.00	1.00	0.00
7.70	12.71	2.00	0.00	1.00	0.00	7.71	12.94	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	12.87	2.00	0.00	1.00	0.00	7.73	12.86	2.00	0.00	1.00	0.00
7.74	12.85	2.00	0.00	1.00	0.00	7.75	13.19	2.00	0.00	1.00	0.00
7.76	13.25	2.00	0.00	1.00	0.00	7.77	13.30	2.00	0.00	1.00	0.00
7.78	13.46	2.00	0.00	1.00	0.00	7.79	13.45	2.00	0.00	1.00	0.00
7.80	13.45	2.00	0.00	1.00	0.00	7.81	13.38	2.00	0.00	1.00	0.00
7.82	13.37	2.00	0.00	1.00	0.00	7.83	13.25	2.00	0.00	1.00	0.00
7.84	13.29	2.00	0.00	1.00	0.00	7.85	13.06	2.00	0.00	1.00	0.00
7.86	12.82	2.00	0.00	1.00	0.00	7.87	12.75	2.00	0.00	1.00	0.00
7.88	12.74	2.00	0.00	1.00	0.00	7.89	12.23	2.00	0.00	1.00	0.00
7.90	12.22	2.00	0.00	1.00	0.00	7.91	12.09	2.00	0.00	1.00	0.00
7.92	11.91	2.00	0.00	1.00	0.00	7.93	11.73	2.00	0.00	1.00	0.00
7.94	11.67	2.00	0.00	1.00	0.00	7.95	11.26	2.00	0.00	1.00	0.00
7.96	11.08	2.00	0.00	1.00	0.00	7.97	10.85	2.00	0.00	1.00	0.00
7.98	10.85	2.00	0.00	1.00	0.00	7.99	10.54	2.00	0.00	1.00	0.00
8.00	10.37	2.00	0.00	1.00	0.00	8.01	10.42	2.00	0.00	1.00	0.00
8.02	10.47	2.00	0.00	1.00	0.00	8.03	10.52	2.00	0.00	1.00	0.00
8.04	10.40	2.00	0.00	1.00	0.00	8.05	10.39	2.00	0.00	1.00	0.00
8.06	9.93	2.00	0.00	1.00	0.00	8.07	9.93	2.00	0.00	1.00	0.00
8.08	10.82	2.00	0.00	1.00	0.00	8.09	10.99	2.00	0.00	1.00	0.00
8.10	10.98	2.00	0.00	1.00	0.00	8.11	11.04	2.00	0.00	1.00	0.00
8.12	10.97	2.00	0.00	1.00	0.00	8.13	10.85	2.00	0.00	1.00	0.00
8.14	10.74	2.00	0.00	1.00	0.00	8.15	10.10	2.00	0.00	1.00	0.00
8.16	10.09	2.00	0.00	1.00	0.00	8.17	9.81	2.00	0.00	1.00	0.00
8.18	9.58	2.00	0.00	1.00	0.00	8.19	9.40	2.00	0.00	1.00	0.00
8.20	9.17	2.00	0.00	1.00	0.00	8.21	8.82	2.00	0.00	1.00	0.00
8.22	8.60	2.00	0.00	1.00	0.00	8.23	8.42	2.00	0.00	1.00	0.00
8.24	8.42	2.00	0.00	1.00	0.00	8.25	8.35	2.00	0.00	1.00	0.00
8.26	8.18	2.00	0.00	1.00	0.00	8.27	8.17	2.00	0.00	1.00	0.00
8.28	8.17	2.00	0.00	1.00	0.00	8.29	8.22	2.00	0.00	1.00	0.00
8.30	8.33	2.00	0.00	1.00	0.00	8.31	8.26	2.00	0.00	1.00	0.00
8.32	8.25	2.00	0.00	1.00	0.00	8.33	8.31	2.00	0.00	1.00	0.00
8.34	8.37	2.00	0.00	1.00	0.00	8.35	8.41	2.00	0.00	1.00	0.00
8.36	8.74	2.00	0.00	1.00	0.00	8.37	9.07	2.00	0.00	1.00	0.00
8.38	9.57	2.00	0.00	1.00	0.00	8.39	9.57	2.00	0.00	1.00	0.00
8.40	9.90	2.00	0.00	1.00	0.00	8.41	10.06	2.00	0.00	1.00	0.00
8.42	10.10	2.00	0.00	1.00	0.00	8.43	10.10	2.00	0.00	1.00	0.00
8.44	10.21	2.00	0.00	1.00	0.00	8.45	10.25	2.00	0.00	1.00	0.00
8.46	10.20	2.00	0.00	1.00	0.00	8.47	10.19	2.00	0.00	1.00	0.00
8.48	10.07	2.00	0.00	1.00	0.00	8.49	10.18	2.00	0.00	1.00	0.00
8.50	10.34	2.00	0.00	1.00	0.00	8.51	10.55	2.00	0.00	1.00	0.00
8.52	10.71	2.00	0.00	1.00	0.00	8.53	10.93	2.00	0.00	1.00	0.00
8.54	11.64	2.00	0.00	1.00	0.00	8.55	11.63	2.00	0.00	1.00	0.00
8.56	12.01	2.00	0.00	1.00	0.00	8.57	12.34	2.00	0.00	1.00	0.00
8.58	12.27	2.00	0.00	1.00	0.00	8.59	12.27	2.00	0.00	1.00	0.00
8.60	12.09	2.00	0.00	1.00	0.00	8.61	11.92	2.00	0.00	1.00	0.00
8.62	11.31	2.00	0.00	1.00	0.00	8.63	11.31	2.00	0.00	1.00	0.00
8.64	10.80	2.00	0.00	1.00	0.00	8.65	10.42	2.00	0.00	1.00	0.00
8.66	10.13	2.00	0.00	1.00	0.00	8.67	9.96	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	9.51	2.00	0.00	1.00	0.00	8.69	9.24	2.00	0.00	1.00	0.00
8.70	8.73	2.00	0.00	1.00	0.00	8.71	8.73	2.00	0.00	1.00	0.00
8.72	8.50	2.00	0.00	1.00	0.00	8.73	8.45	2.00	0.00	1.00	0.00
8.74	7.67	2.00	0.00	1.00	0.00	8.75	7.55	2.00	0.00	1.00	0.00
8.76	7.11	2.00	0.00	1.00	0.00	8.77	7.10	2.00	0.00	1.00	0.00
8.78	7.10	2.00	0.00	1.00	0.00	8.79	7.05	2.00	0.00	1.00	0.00
8.80	7.04	2.00	0.00	1.00	0.00	8.81	7.09	2.00	0.00	1.00	0.00
8.82	7.20	2.00	0.00	1.00	0.00	8.83	7.03	2.00	0.00	1.00	0.00
8.84	7.13	2.00	0.00	1.00	0.00	8.85	7.13	2.00	0.00	1.00	0.00
8.86	7.19	2.00	0.00	1.00	0.00	8.87	7.18	2.00	0.00	1.00	0.00
8.88	7.23	2.00	0.00	1.00	0.00	8.89	7.12	2.00	0.00	1.00	0.00
8.90	7.17	2.00	0.00	1.00	0.00	8.91	6.89	2.00	0.00	1.00	0.00
8.92	6.88	2.00	0.00	1.00	0.00	8.93	6.77	2.00	0.00	1.00	0.00
8.94	6.88	2.00	0.00	1.00	0.00	8.95	6.99	2.00	0.00	1.00	0.00
8.96	7.58	2.00	0.00	1.00	0.00	8.97	7.74	2.00	0.00	1.00	0.00
8.98	7.79	2.00	0.00	1.00	0.00	8.99	7.78	2.00	0.00	1.00	0.00
9.00	7.57	2.00	0.00	1.00	0.00	9.01	7.34	2.00	0.00	1.00	0.00
9.02	7.23	2.00	0.00	1.00	0.00	9.03	6.90	2.00	0.00	1.00	0.00
9.04	6.73	2.00	0.00	1.00	0.00	9.05	6.73	2.00	0.00	1.00	0.00
9.06	6.93	2.00	0.00	1.00	0.00	9.07	6.92	2.00	0.00	1.00	0.00
9.08	7.42	2.00	0.00	1.00	0.00	9.09	7.96	2.00	0.00	1.00	0.00
9.10	8.28	2.00	0.00	1.00	0.00	9.11	8.44	2.00	0.00	1.00	0.00
9.12	8.81	2.00	0.00	1.00	0.00	9.13	9.19	2.00	0.00	1.00	0.00
9.14	9.94	2.00	0.00	1.00	0.00	9.15	9.93	2.00	0.00	1.00	0.00
9.16	10.03	2.00	0.00	1.00	0.00	9.17	9.98	2.00	0.00	1.00	0.00
9.18	10.08	2.00	0.00	1.00	0.00	9.19	10.45	2.00	0.00	1.00	0.00
9.20	10.33	2.00	0.00	1.00	0.00	9.21	10.00	2.00	0.00	1.00	0.00
9.22	10.00	2.00	0.00	1.00	0.00	9.23	9.67	2.00	0.00	1.00	0.00
9.24	9.46	2.00	0.00	1.00	0.00	9.25	9.19	2.00	0.00	1.00	0.00
9.26	8.75	2.00	0.00	1.00	0.00	9.27	8.64	2.00	0.00	1.00	0.00
9.28	8.25	2.00	0.00	1.00	0.00	9.29	8.25	2.00	0.00	1.00	0.00
9.30	8.10	2.00	0.00	1.00	0.00	9.31	8.03	2.00	0.00	1.00	0.00
9.32	7.87	2.00	0.00	1.00	0.00	9.33	7.54	2.00	0.00	1.00	0.00
9.34	7.43	2.00	0.00	1.00	0.00	9.35	7.16	2.00	0.00	1.00	0.00
9.36	7.15	2.00	0.00	1.00	0.00	9.37	7.21	2.00	0.00	1.00	0.00
9.38	7.20	2.00	0.00	1.00	0.00	9.39	7.14	2.00	0.00	1.00	0.00
9.40	7.19	2.00	0.00	1.00	0.00	9.41	7.19	2.00	0.00	1.00	0.00
9.42	7.13	2.00	0.00	1.00	0.00	9.43	7.13	2.00	0.00	1.00	0.00
9.44	7.02	2.00	0.00	1.00	0.00	9.45	6.91	2.00	0.00	1.00	0.00
9.46	6.91	2.00	0.00	1.00	0.00	9.47	6.91	2.00	0.00	1.00	0.00
9.48	6.96	2.00	0.00	1.00	0.00	9.49	6.96	2.00	0.00	1.00	0.00
9.50	6.90	2.00	0.00	1.00	0.00	9.51	6.89	2.00	0.00	1.00	0.00
9.52	6.89	2.00	0.00	1.00	0.00	9.53	6.94	2.00	0.00	1.00	0.00
9.54	7.04	2.00	0.00	1.00	0.00	9.55	7.36	2.00	0.00	1.00	0.00
9.56	7.40	2.00	0.00	1.00	0.00	9.57	7.67	2.00	0.00	1.00	0.00
9.58	7.66	2.00	0.00	1.00	0.00	9.59	7.66	2.00	0.00	1.00	0.00
9.60	7.70	2.00	0.00	1.00	0.00	9.61	7.91	2.00	0.00	1.00	0.00
9.62	8.59	2.00	0.00	1.00	0.00	9.63	8.96	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	10.06	2.00	0.00	1.00	0.00	9.65	10.06	2.00	0.00	1.00	0.00
9.66	10.52	2.00	0.00	1.00	0.00	9.67	11.04	2.00	0.00	1.00	0.00
9.68	11.19	2.00	0.00	1.00	0.00	9.69	11.50	2.00	0.00	1.00	0.00
9.70	11.65	2.00	0.00	1.00	0.00	9.71	12.27	2.00	0.00	1.00	0.00
9.72	12.27	2.00	0.00	1.00	0.00	9.73	12.62	2.00	0.00	1.00	0.00
9.74	12.67	2.00	0.00	1.00	0.00	9.75	12.76	2.00	0.00	1.00	0.00
9.76	12.85	2.00	0.00	1.00	0.00	9.77	12.96	2.00	0.00	1.00	0.00
9.78	13.10	2.00	0.00	1.00	0.00	9.79	13.10	2.00	0.00	1.00	0.00
9.80	13.09	2.00	0.00	1.00	0.00	9.81	13.03	2.00	0.00	1.00	0.00
9.82	13.23	2.00	0.00	1.00	0.00	9.83	13.27	2.00	0.00	1.00	0.00
9.84	13.11	2.00	0.00	1.00	0.00	9.85	13.25	2.00	0.00	1.00	0.00
9.86	13.25	2.00	0.00	1.00	0.00	9.87	13.08	2.00	0.00	1.00	0.00
9.88	13.13	2.00	0.00	1.00	0.00	9.89	12.97	2.00	0.00	1.00	0.00
9.90	12.86	2.00	0.00	1.00	0.00	9.91	12.75	2.00	0.00	1.00	0.00
9.92	12.74	2.00	0.00	1.00	0.00	9.93	12.58	2.00	0.00	1.00	0.00
9.94	12.62	2.00	0.00	1.00	0.00	9.95	12.67	2.00	0.00	1.00	0.00
9.96	12.77	2.00	0.00	1.00	0.00	9.97	12.66	2.00	0.00	1.00	0.00
9.98	12.44	2.00	0.00	1.00	0.00	9.99	12.44	2.00	0.00	1.00	0.00
10.00	12.48	2.00	0.00	1.00	0.00	10.01	12.42	2.00	0.00	1.00	0.00
10.02	12.21	2.00	0.00	1.00	0.00	10.03	12.10	2.00	0.00	1.00	0.00
10.04	12.19	2.00	0.00	1.00	0.00	10.05	12.19	2.00	0.00	1.00	0.00
10.06	11.93	2.00	0.00	1.00	0.00	10.07	11.92	2.00	0.00	1.00	0.00
10.08	12.32	2.00	0.00	1.00	0.00	10.09	12.11	2.00	0.00	1.00	0.00
10.10	12.15	2.00	0.00	1.00	0.00	10.11	12.15	2.00	0.00	1.00	0.00
10.12	12.04	2.00	0.00	1.00	0.00	10.13	11.88	2.00	0.00	1.00	0.00
10.14	11.72	2.00	0.00	1.00	0.00	10.15	11.67	2.00	0.00	1.00	0.00
10.16	11.61	2.00	0.00	1.00	0.00	10.17	11.60	2.00	0.00	1.00	0.00
10.18	11.44	2.00	0.00	1.00	0.00	10.19	11.49	2.00	0.00	1.00	0.00
10.20	11.48	2.00	0.00	1.00	0.00	10.21	11.52	2.00	0.00	1.00	0.00
10.22	11.67	2.00	0.00	1.00	0.00	10.23	11.72	2.00	0.00	1.00	0.00
10.24	11.71	2.00	0.00	1.00	0.00	10.25	11.80	2.00	0.00	1.00	0.00
10.26	11.75	2.00	0.00	1.00	0.00	10.27	11.75	2.00	0.00	1.00	0.00
10.28	11.78	2.00	0.00	1.00	0.00	10.29	11.78	2.00	0.00	1.00	0.00
10.30	11.98	2.00	0.00	1.00	0.00	10.31	11.97	2.00	0.00	1.00	0.00
10.32	11.96	2.00	0.00	1.00	0.00	10.33	11.96	2.00	0.00	1.00	0.00
10.34	12.15	2.00	0.00	1.00	0.00	10.35	12.25	2.00	0.00	1.00	0.00
10.36	12.44	2.00	0.00	1.00	0.00	10.37	12.69	2.00	0.00	1.00	0.00
10.38	12.68	2.00	0.00	1.00	0.00	10.39	12.77	2.00	0.00	1.00	0.00
10.40	12.77	2.00	0.00	1.00	0.00	10.41	12.86	2.00	0.00	1.00	0.00
10.42	13.06	2.00	0.00	1.00	0.00	10.43	13.24	2.00	0.00	1.00	0.00
10.44	13.29	2.00	0.00	1.00	0.00	10.45	13.49	2.00	0.00	1.00	0.00
10.46	13.48	2.00	0.00	1.00	0.00	10.47	13.47	2.00	0.00	1.00	0.00
10.48	13.51	2.00	0.00	1.00	0.00	10.49	13.46	2.00	0.00	1.00	0.00
10.50	13.70	2.00	0.00	1.00	0.00	10.51	13.99	2.00	0.00	1.00	0.00
10.52	13.98	2.00	0.00	1.00	0.00	10.53	13.83	2.00	0.00	1.00	0.00
10.54	13.76	2.00	0.00	1.00	0.00	10.55	13.61	2.00	0.00	1.00	0.00
10.56	13.50	2.00	0.00	1.00	0.00	10.57	13.29	2.00	0.00	1.00	0.00
10.58	12.99	2.00	0.00	1.00	0.00	10.59	12.64	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	12.63	2.00	0.00	1.00	0.00	10.61	12.17	2.00	0.00	1.00	0.00
10.62	11.92	2.00	0.00	1.00	0.00	10.63	11.77	2.00	0.00	1.00	0.00
10.64	11.21	2.00	0.00	1.00	0.00	10.65	10.80	2.00	0.00	1.00	0.00
10.66	10.15	2.00	0.00	1.00	0.00	10.67	10.15	2.00	0.00	1.00	0.00
10.68	9.75	2.00	0.00	1.00	0.00	10.69	9.44	2.00	0.00	1.00	0.00
10.70	9.09	2.00	0.00	1.00	0.00	10.71	8.74	2.00	0.00	1.00	0.00
10.72	8.49	2.00	0.00	1.00	0.00	10.73	8.13	2.00	0.00	1.00	0.00
10.74	8.13	2.00	0.00	1.00	0.00	10.75	8.12	2.00	0.00	1.00	0.00
10.76	8.17	2.00	0.00	1.00	0.00	10.77	8.21	2.00	0.00	1.00	0.00
10.78	8.31	2.00	0.00	1.00	0.00	10.79	8.20	2.00	0.00	1.00	0.00
10.80	8.30	2.00	0.00	1.00	0.00	10.81	8.30	2.00	0.00	1.00	0.00
10.82	8.44	2.00	0.00	1.00	0.00	10.83	8.63	2.00	0.00	1.00	0.00
10.84	8.87	2.00	0.00	1.00	0.00	10.85	9.02	2.00	0.00	1.00	0.00
10.86	8.97	2.00	0.00	1.00	0.00	10.87	8.96	2.00	0.00	1.00	0.00
10.88	8.96	2.00	0.00	1.00	0.00	10.89	9.10	2.00	0.00	1.00	0.00
10.90	9.14	2.00	0.00	1.00	0.00	10.91	9.04	2.00	0.00	1.00	0.00
10.92	9.13	2.00	0.00	1.00	0.00	10.93	9.18	2.00	0.00	1.00	0.00
10.94	9.47	2.00	0.00	1.00	0.00	10.95	9.47	2.00	0.00	1.00	0.00
10.96	9.56	2.00	0.00	1.00	0.00	10.97	9.70	2.00	0.00	1.00	0.00
10.98	9.64	2.00	0.00	1.00	0.00	10.99	9.60	2.00	0.00	1.00	0.00
11.00	9.78	2.00	0.00	1.00	0.00	11.01	9.92	2.00	0.00	1.00	0.00
11.02	10.32	2.00	0.00	1.00	0.00	11.03	10.31	2.00	0.00	1.00	0.00
11.04	10.35	2.00	0.00	1.00	0.00	11.05	11.37	2.00	0.00	1.00	0.00
11.06	11.37	2.00	0.00	1.00	0.00	11.07	11.55	2.00	0.00	1.00	0.00
11.08	11.55	2.00	0.00	1.00	0.00	11.09	11.35	2.00	0.00	1.00	0.00
11.10	11.00	2.00	0.00	1.00	0.00	11.11	10.76	2.00	0.00	1.00	0.00
11.12	10.55	2.00	0.00	1.00	0.00	11.13	10.21	2.00	0.00	1.00	0.00
11.14	9.77	2.00	0.00	1.00	0.00	11.15	9.76	2.00	0.00	1.00	0.00
11.16	9.47	2.00	0.00	1.00	0.00	11.17	9.17	2.00	0.00	1.00	0.00
11.18	8.98	2.00	0.00	1.00	0.00	11.19	8.68	2.00	0.00	1.00	0.00
11.20	8.14	2.00	0.00	1.00	0.00	11.21	7.89	2.00	0.00	1.00	0.00
11.22	7.26	2.00	0.00	1.00	0.00	11.23	7.25	2.00	0.00	1.00	0.00
11.24	7.16	2.00	0.00	1.00	0.00	11.25	7.01	2.00	0.00	1.00	0.00
11.26	7.00	2.00	0.00	1.00	0.00	11.27	7.04	2.00	0.00	1.00	0.00
11.28	7.09	2.00	0.00	1.00	0.00	11.29	7.09	2.00	0.00	1.00	0.00
11.30	7.08	2.00	0.00	1.00	0.00	11.31	7.13	2.00	0.00	1.00	0.00
11.32	7.22	2.00	0.00	1.00	0.00	11.33	7.16	2.00	0.00	1.00	0.00
11.34	6.97	2.00	0.00	1.00	0.00	11.35	6.83	2.00	0.00	1.00	0.00
11.36	6.57	2.00	0.00	1.00	0.00	11.37	6.57	2.00	0.00	1.00	0.00
11.38	6.47	2.00	0.00	1.00	0.00	11.39	6.38	2.00	0.00	1.00	0.00
11.40	6.37	2.00	0.00	1.00	0.00	11.41	6.46	2.00	0.00	1.00	0.00
11.42	6.80	2.00	0.00	1.00	0.00	11.43	6.80	2.00	0.00	1.00	0.00
11.44	6.94	2.00	0.00	1.00	0.00	11.45	7.23	2.00	0.00	1.00	0.00
11.46	8.28	2.00	0.00	1.00	0.00	11.47	8.75	2.00	0.00	1.00	0.00
11.48	9.66	2.00	0.00	1.00	0.00	11.49	9.66	2.00	0.00	1.00	0.00
11.50	9.94	2.00	0.00	1.00	0.00	11.51	10.23	2.00	0.00	1.00	0.00
11.52	10.41	2.00	0.00	1.00	0.00	11.53	10.88	2.00	0.00	1.00	0.00
11.54	10.97	2.00	0.00	1.00	0.00	11.55	10.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	10.87	2.00	0.00	1.00	0.00	11.57	10.81	2.00	0.00	1.00	0.00
11.58	10.67	2.00	0.00	1.00	0.00	11.59	10.57	2.00	0.00	1.00	0.00
11.60	10.51	2.00	0.00	1.00	0.00	11.61	10.41	2.00	0.00	1.00	0.00
11.62	10.45	2.00	0.00	1.00	0.00	11.63	10.45	2.00	0.00	1.00	0.00
11.64	10.35	2.00	0.00	1.00	0.00	11.65	10.29	2.00	0.00	1.00	0.00
11.66	10.25	2.00	0.00	1.00	0.00	11.67	10.05	2.00	0.00	1.00	0.00
11.68	10.00	2.00	0.00	1.00	0.00	11.69	9.89	2.00	0.00	1.00	0.00
11.70	9.89	2.00	0.00	1.00	0.00	11.71	9.79	2.00	0.00	1.00	0.00
11.72	9.65	2.00	0.00	1.00	0.00	11.73	9.64	2.00	0.00	1.00	0.00
11.74	9.59	2.00	0.00	1.00	0.00	11.75	9.54	2.00	0.00	1.00	0.00
11.76	9.25	2.00	0.00	1.00	0.00	11.77	9.25	2.00	0.00	1.00	0.00
11.78	9.19	2.00	0.00	1.00	0.00	11.79	9.38	2.00	0.00	1.00	0.00
11.80	9.47	2.00	0.00	1.00	0.00	11.81	9.46	2.00	0.00	1.00	0.00
11.82	9.79	2.00	0.00	1.00	0.00	11.83	9.79	2.00	0.00	1.00	0.00
11.84	10.07	2.00	0.00	1.00	0.00	11.85	10.10	2.00	0.00	1.00	0.00
11.86	10.19	2.00	0.00	1.00	0.00	11.87	10.52	2.00	0.00	1.00	0.00
11.88	10.46	2.00	0.00	1.00	0.00	11.89	10.60	2.00	0.00	1.00	0.00
11.90	10.59	2.00	0.00	1.00	0.00	11.91	10.55	2.00	0.00	1.00	0.00
11.92	10.54	2.00	0.00	1.00	0.00	11.93	11.05	2.00	0.00	1.00	0.00
11.94	11.37	2.00	0.00	1.00	0.00	11.95	11.89	2.00	0.00	1.00	0.00
11.96	11.89	2.00	0.00	1.00	0.00	11.97	12.01	2.00	0.00	1.00	0.00
11.98	12.11	2.00	0.00	1.00	0.00	11.99	12.19	2.00	0.00	1.00	0.00
12.00	12.05	2.00	0.00	1.00	0.00	12.01	11.53	2.00	0.00	1.00	0.00
12.02	11.52	2.00	0.00	1.00	0.00	12.03	11.66	2.00	0.00	1.00	0.00
12.04	11.32	2.00	0.00	1.00	0.00	12.05	11.31	2.00	0.00	1.00	0.00
12.06	11.45	2.00	0.00	1.00	0.00	12.07	11.54	2.00	0.00	1.00	0.00
12.08	11.63	2.00	0.00	1.00	0.00	12.09	11.62	2.00	0.00	1.00	0.00
12.10	11.43	2.00	0.00	1.00	0.00	12.11	11.42	2.00	0.00	1.00	0.00
12.12	11.28	2.00	0.00	1.00	0.00	12.13	11.37	2.00	0.00	1.00	0.00
12.14	11.51	2.00	0.00	1.00	0.00	12.15	11.54	2.00	0.00	1.00	0.00
12.16	11.54	2.00	0.00	1.00	0.00	12.17	11.63	2.00	0.00	1.00	0.00
12.18	11.62	2.00	0.00	1.00	0.00	12.19	11.62	2.00	0.00	1.00	0.00
12.20	11.56	2.00	0.00	1.00	0.00	12.21	11.56	2.00	0.00	1.00	0.00
12.22	11.60	2.00	0.00	1.00	0.00	12.23	11.64	2.00	0.00	1.00	0.00
12.24	11.68	2.00	0.00	1.00	0.00	12.25	11.85	2.00	0.00	1.00	0.00
12.26	11.85	2.00	0.00	1.00	0.00	12.27	11.84	2.00	0.00	1.00	0.00
12.28	12.03	2.00	0.00	1.00	0.00	12.29	12.11	2.00	0.00	1.00	0.00
12.30	12.34	2.00	0.00	1.00	0.00	12.31	12.34	2.00	0.00	1.00	0.00
12.32	12.51	2.00	0.00	1.00	0.00	12.33	12.87	2.00	0.00	1.00	0.00
12.34	13.10	2.00	0.00	1.00	0.00	12.35	13.28	2.00	0.00	1.00	0.00
12.36	13.27	2.00	0.00	1.00	0.00	12.37	13.36	2.00	0.00	1.00	0.00
12.38	13.72	2.00	0.00	1.00	0.00	12.39	13.81	2.00	0.00	1.00	0.00
12.40	13.16	2.00	0.00	1.00	0.00	12.41	13.15	2.00	0.00	1.00	0.00
12.42	12.78	2.00	0.00	1.00	0.00	12.43	12.17	2.00	0.00	1.00	0.00
12.44	12.08	2.00	0.00	1.00	0.00	12.45	12.44	2.00	0.00	1.00	0.00
12.46	12.43	2.00	0.00	1.00	0.00	12.47	12.52	2.00	0.00	1.00	0.00
12.48	12.38	2.00	0.00	1.00	0.00	12.49	12.14	2.00	0.00	1.00	0.00
12.50	12.04	2.00	0.00	1.00	0.00	12.51	11.99	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	11.98	2.00	0.00	1.00	0.00	12.53	11.98	2.00	0.00	1.00	0.00
12.54	12.02	2.00	0.00	1.00	0.00	12.55	12.06	2.00	0.00	1.00	0.00
12.56	12.15	2.00	0.00	1.00	0.00	12.57	12.14	2.00	0.00	1.00	0.00
12.58	12.22	2.00	0.00	1.00	0.00	12.59	12.27	2.00	0.00	1.00	0.00
12.60	12.45	2.00	0.00	1.00	0.00	12.61	12.57	2.00	0.00	1.00	0.00
12.62	12.56	2.00	0.00	1.00	0.00	12.63	12.66	2.00	0.00	1.00	0.00
12.64	12.69	2.00	0.00	1.00	0.00	12.65	12.87	2.00	0.00	1.00	0.00
12.66	13.41	2.00	0.00	1.00	0.00	12.67	13.41	2.00	0.00	1.00	0.00
12.68	13.58	2.00	0.00	1.00	0.00	12.69	13.75	2.00	0.00	1.00	0.00
12.70	14.02	2.00	0.00	1.00	0.00	12.71	14.65	2.00	0.00	1.00	0.00
12.72	14.64	2.00	0.00	1.00	0.00	12.73	15.00	2.00	0.00	1.00	0.00
12.74	14.99	2.00	0.00	1.00	0.00	12.75	15.39	2.00	0.00	1.00	0.00
12.76	16.84	2.00	0.00	1.00	0.00	12.77	16.92	2.00	0.00	1.00	0.00
12.78	16.87	2.00	0.00	1.00	0.00	12.79	16.87	2.00	0.00	1.00	0.00
12.80	16.67	2.00	0.00	1.00	0.00	12.81	15.90	2.00	0.00	1.00	0.00
12.82	15.84	2.00	0.00	1.00	0.00	12.83	15.34	2.00	0.00	1.00	0.00
12.84	15.33	2.00	0.00	1.00	0.00	12.85	15.05	2.00	0.00	1.00	0.00
12.86	14.73	2.00	0.00	1.00	0.00	12.87	14.54	2.00	0.00	1.00	0.00
12.88	14.22	2.00	0.00	1.00	0.00	12.89	14.21	2.00	0.00	1.00	0.00
12.90	13.94	2.00	0.00	1.00	0.00	12.91	13.43	2.00	0.00	1.00	0.00
12.92	13.39	2.00	0.00	1.00	0.00	12.93	13.20	2.00	0.00	1.00	0.00
12.94	13.19	2.00	0.00	1.00	0.00	12.95	13.15	2.00	0.00	1.00	0.00
12.96	13.14	2.00	0.00	1.00	0.00	12.97	13.00	2.00	0.00	1.00	0.00
12.98	12.81	2.00	0.00	1.00	0.00	12.99	12.80	2.00	0.00	1.00	0.00
13.00	12.66	2.00	0.00	1.00	0.00	13.01	12.39	2.00	0.00	1.00	0.00
13.02	12.38	2.00	0.00	1.00	0.00	13.03	11.90	2.00	0.00	1.00	0.00
13.04	11.90	2.00	0.00	1.00	0.00	13.05	11.38	2.00	0.00	1.00	0.00
13.06	12.49	2.00	0.00	1.00	0.00	13.07	13.11	2.00	0.00	1.00	0.00
13.08	13.29	2.00	0.00	1.00	0.00	13.09	13.69	2.00	0.00	1.00	0.00
13.10	13.68	2.00	0.00	1.00	0.00	13.11	14.03	2.00	0.00	1.00	0.00
13.12	14.20	2.00	0.00	1.00	0.00	13.13	14.15	2.00	0.00	1.00	0.00
13.14	14.14	2.00	0.00	1.00	0.00	13.15	14.14	2.00	0.00	1.00	0.00
13.16	14.17	2.00	0.00	1.00	0.00	13.17	14.35	2.00	0.00	1.00	0.00
13.18	14.61	2.00	0.00	1.00	0.00	13.19	14.55	2.00	0.00	1.00	0.00
13.20	14.41	2.00	0.00	1.00	0.00	13.21	14.41	2.00	0.00	1.00	0.00
13.22	14.09	2.00	0.00	1.00	0.00	13.23	13.82	2.00	0.00	1.00	0.00
13.24	13.15	2.00	0.00	1.00	0.00	13.25	13.14	2.00	0.00	1.00	0.00
13.26	12.87	2.00	0.00	1.00	0.00	13.27	12.82	2.00	0.00	1.00	0.00
13.28	12.90	2.00	0.00	1.00	0.00	13.29	12.50	2.00	0.00	1.00	0.00
13.30	12.49	2.00	0.00	1.00	0.00	13.31	12.13	2.00	0.00	1.00	0.00
13.32	11.95	2.00	0.00	1.00	0.00	13.33	11.72	2.00	0.00	1.00	0.00
13.34	11.72	2.00	0.00	1.00	0.00	13.35	11.71	2.00	0.00	1.00	0.00
13.36	11.53	2.00	0.00	1.00	0.00	13.37	11.35	2.00	0.00	1.00	0.00
13.38	10.82	2.00	0.00	1.00	0.00	13.39	10.81	2.00	0.00	1.00	0.00
13.40	10.72	2.00	0.00	1.00	0.00	13.41	10.32	2.00	0.00	1.00	0.00
13.42	10.23	2.00	0.00	1.00	0.00	13.43	10.22	2.00	0.00	1.00	0.00
13.44	10.22	2.00	0.00	1.00	0.00	13.45	9.95	2.00	0.00	1.00	0.00
13.46	9.42	2.00	0.00	1.00	0.00	13.47	9.33	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	9.32	2.00	0.00	1.00	0.00	13.49	9.32	2.00	0.00	1.00	0.00
13.50	9.05	2.00	0.00	1.00	0.00	13.51	8.92	2.00	0.00	1.00	0.00
13.52	8.95	2.00	0.00	1.00	0.00	13.53	8.95	2.00	0.00	1.00	0.00
13.54	8.91	2.00	0.00	1.00	0.00	13.55	8.77	2.00	0.00	1.00	0.00
13.56	8.67	2.00	0.00	1.00	0.00	13.57	8.50	2.00	0.00	1.00	0.00
13.58	8.50	2.00	0.00	1.00	0.00	13.59	8.41	2.00	0.00	1.00	0.00
13.60	8.36	2.00	0.00	1.00	0.00	13.61	8.40	2.00	0.00	1.00	0.00
13.62	8.52	2.00	0.00	1.00	0.00	13.63	8.52	2.00	0.00	1.00	0.00
13.64	8.64	2.00	0.00	1.00	0.00	13.65	8.73	2.00	0.00	1.00	0.00
13.66	8.82	2.00	0.00	1.00	0.00	13.67	8.94	2.00	0.00	1.00	0.00
13.68	8.94	2.00	0.00	1.00	0.00	13.69	9.02	2.00	0.00	1.00	0.00
13.70	9.11	2.00	0.00	1.00	0.00	13.71	9.14	2.00	0.00	1.00	0.00
13.72	8.97	2.00	0.00	1.00	0.00	13.73	8.97	2.00	0.00	1.00	0.00
13.74	8.92	2.00	0.00	1.00	0.00	13.75	8.91	2.00	0.00	1.00	0.00
13.76	8.99	2.00	0.00	1.00	0.00	13.77	9.04	2.00	0.00	1.00	0.00
13.78	9.03	2.00	0.00	1.00	0.00	13.79	9.11	2.00	0.00	1.00	0.00
13.80	9.24	2.00	0.00	1.00	0.00	13.81	9.15	2.00	0.00	1.00	0.00
13.82	9.07	2.00	0.00	1.00	0.00	13.83	9.06	2.00	0.00	1.00	0.00
13.84	8.97	2.00	0.00	1.00	0.00	13.85	9.01	2.00	0.00	1.00	0.00
13.86	8.92	2.00	0.00	1.00	0.00	13.87	8.92	2.00	0.00	1.00	0.00
13.88	8.78	2.00	0.00	1.00	0.00	13.89	8.52	2.00	0.00	1.00	0.00
13.90	8.42	2.00	0.00	1.00	0.00	13.91	8.38	2.00	0.00	1.00	0.00
13.92	8.38	2.00	0.00	1.00	0.00	13.93	8.33	2.00	0.00	1.00	0.00
13.94	8.29	2.00	0.00	1.00	0.00	13.95	8.32	2.00	0.00	1.00	0.00
13.96	8.50	2.00	0.00	1.00	0.00	13.97	8.49	2.00	0.00	1.00	0.00
13.98	8.53	2.00	0.00	1.00	0.00	13.99	8.65	2.00	0.00	1.00	0.00
14.00	8.74	2.00	0.00	1.00	0.00	14.01	9.04	2.00	0.00	1.00	0.00
14.02	9.03	2.00	0.00	1.00	0.00	14.03	9.55	2.00	0.00	1.00	0.00
14.04	9.54	2.00	0.00	1.00	0.00	14.05	9.41	2.00	0.00	1.00	0.00
14.06	9.41	2.00	0.00	1.00	0.00	14.07	10.83	2.00	0.00	1.00	0.00
14.08	11.20	2.00	0.00	1.00	0.00	14.09	11.42	2.00	0.00	1.00	0.00
14.10	11.41	2.00	0.00	1.00	0.00	14.11	11.41	2.00	0.00	1.00	0.00
14.12	11.57	2.00	0.00	1.00	0.00	14.13	11.70	2.00	0.00	1.00	0.00
14.14	11.90	2.00	0.00	1.00	0.00	14.15	11.90	2.00	0.00	1.00	0.00
14.16	12.12	2.00	0.00	1.00	0.00	14.17	12.19	2.00	0.00	1.00	0.00
14.18	12.53	2.00	0.00	1.00	0.00	14.19	12.53	2.00	0.00	1.00	0.00
14.20	13.25	2.00	0.00	1.00	0.00	14.21	13.55	2.00	0.00	1.00	0.00
14.22	13.84	2.00	0.00	1.00	0.00	14.23	13.83	2.00	0.00	1.00	0.00
14.24	14.00	2.00	0.00	1.00	0.00	14.25	14.34	2.00	0.00	1.00	0.00
14.26	14.54	2.00	0.00	1.00	0.00	14.27	14.84	2.00	0.00	1.00	0.00
14.28	14.84	2.00	0.00	1.00	0.00	14.29	14.88	2.00	0.00	1.00	0.00
14.30	14.74	2.00	0.00	1.00	0.00	14.31	13.16	2.00	0.00	1.00	0.00
14.32	13.15	2.00	0.00	1.00	0.00	14.33	14.72	2.00	0.00	1.00	0.00
14.34	15.19	2.00	0.00	1.00	0.00	14.35	15.35	2.00	0.00	1.00	0.00
14.36	15.34	2.00	0.00	1.00	0.00	14.37	15.09	2.00	0.00	1.00	0.00
14.38	15.08	2.00	0.00	1.00	0.00	14.39	14.13	2.00	0.00	1.00	0.00
14.40	14.19	2.00	0.00	1.00	0.00	14.41	14.16	2.00	0.00	1.00	0.00
14.42	14.20	2.00	0.00	1.00	0.00	14.43	14.15	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

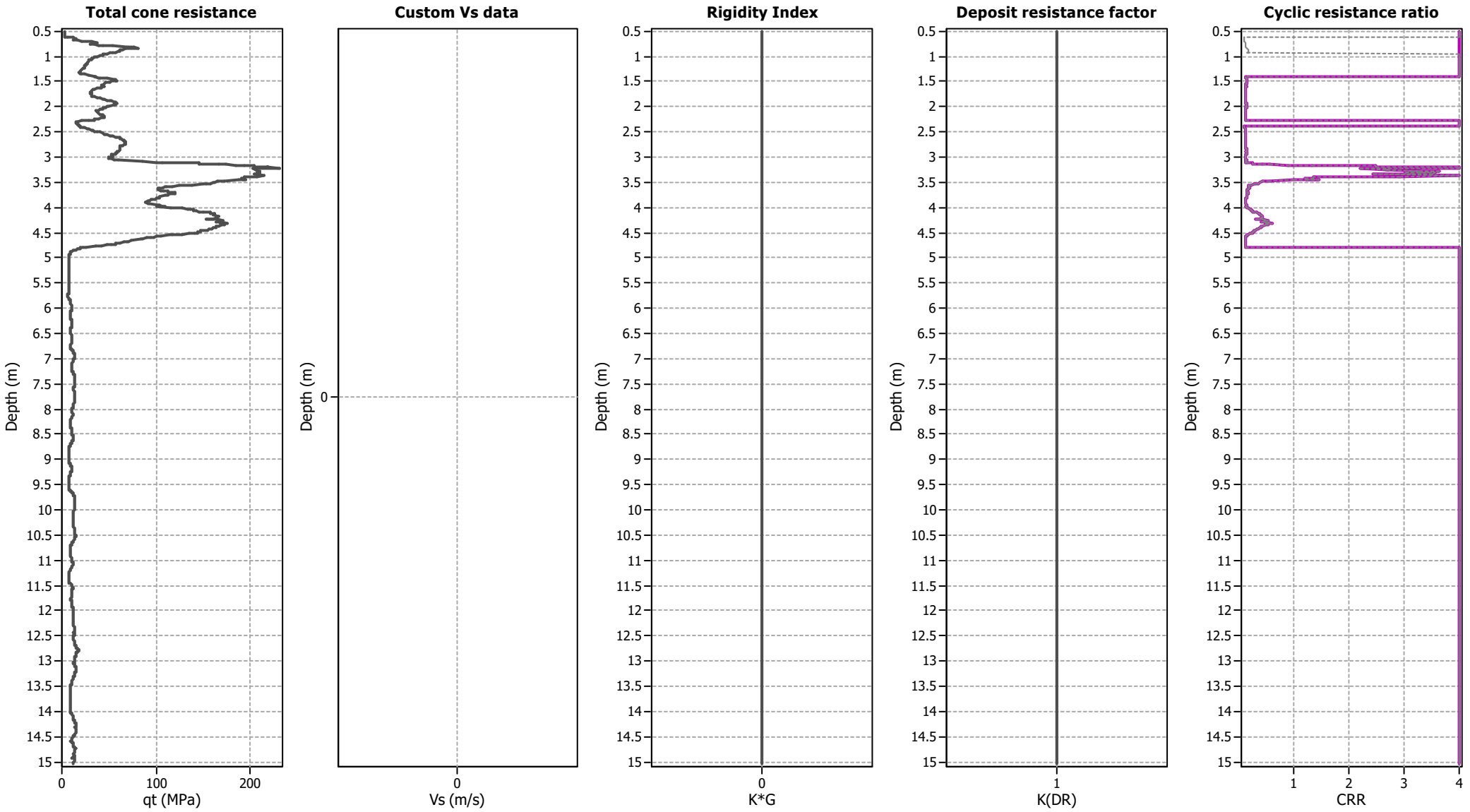
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	13.21	2.00	0.00	1.00	0.00	14.45	13.21	2.00	0.00	1.00	0.00
14.46	13.28	2.00	0.00	1.00	0.00	14.47	12.81	2.00	0.00	1.00	0.00
14.48	12.25	2.00	0.00	1.00	0.00	14.49	11.57	2.00	0.00	1.00	0.00
14.50	11.57	2.00	0.00	1.00	0.00	14.51	11.44	2.00	0.00	1.00	0.00
14.52	11.30	2.00	0.00	1.00	0.00	14.53	10.25	2.00	0.00	1.00	0.00
14.54	10.24	2.00	0.00	1.00	0.00	14.55	10.70	2.00	0.00	1.00	0.00
14.56	10.70	2.00	0.00	1.00	0.00	14.57	9.51	2.00	0.00	1.00	0.00
14.58	9.51	2.00	0.00	1.00	0.00	14.59	9.21	2.00	0.00	1.00	0.00
14.60	10.63	2.00	0.00	1.00	0.00	14.61	10.63	2.00	0.00	1.00	0.00
14.62	11.26	2.00	0.00	1.00	0.00	14.63	11.59	2.00	0.00	1.00	0.00
14.64	11.67	2.00	0.00	1.00	0.00	14.65	11.29	2.00	0.00	1.00	0.00
14.66	11.29	2.00	0.00	1.00	0.00	14.67	12.12	2.00	0.00	1.00	0.00
14.68	12.20	2.00	0.00	1.00	0.00	14.69	12.32	2.00	0.00	1.00	0.00
14.70	12.32	2.00	0.00	1.00	0.00	14.71	12.69	2.00	0.00	1.00	0.00
14.72	13.07	2.00	0.00	1.00	0.00	14.73	13.61	2.00	0.00	1.00	0.00
14.74	13.85	2.00	0.00	1.00	0.00	14.75	13.64	2.00	0.00	1.00	0.00
14.76	13.64	2.00	0.00	1.00	0.00	14.77	13.67	2.00	0.00	1.00	0.00
14.78	12.95	2.00	0.00	1.00	0.00	14.79	12.94	2.00	0.00	1.00	0.00
14.80	13.40	2.00	0.00	1.00	0.00	14.81	12.39	2.00	0.00	1.00	0.00
14.82	12.39	2.00	0.00	1.00	0.00	14.83	12.92	2.00	0.00	1.00	0.00
14.84	12.33	2.00	0.00	1.00	0.00	14.85	12.33	2.00	0.00	1.00	0.00
14.86	12.62	2.00	0.00	1.00	0.00	14.87	12.44	2.00	0.00	1.00	0.00
14.88	12.44	2.00	0.00	1.00	0.00	14.89	12.73	2.00	0.00	1.00	0.00
14.90	12.35	2.00	0.00	1.00	0.00	14.91	12.34	2.00	0.00	1.00	0.00
14.92	10.04	2.00	0.00	1.00	0.00	14.93	10.04	2.00	0.00	1.00	0.00
14.94	12.71	2.00	0.00	1.00	0.00	14.95	12.58	2.00	0.00	1.00	0.00
14.96	12.57	2.00	0.00	1.00	0.00	14.97	12.77	2.00	0.00	1.00	0.00
14.98	12.81	2.00	0.00	1.00	0.00	14.99	12.81	2.00	0.00	1.00	0.00
15.00	12.17	2.00	0.00	1.00	0.00	15.01	12.17	2.00	0.00	1.00	0.00
15.02	12.25	2.00	0.00	1.00	0.00	15.03	12.24	2.00	0.00	1.00	0.00
15.04	12.24	2.00	0.00	1.00	0.00						

Total estimated settlement: 7.61

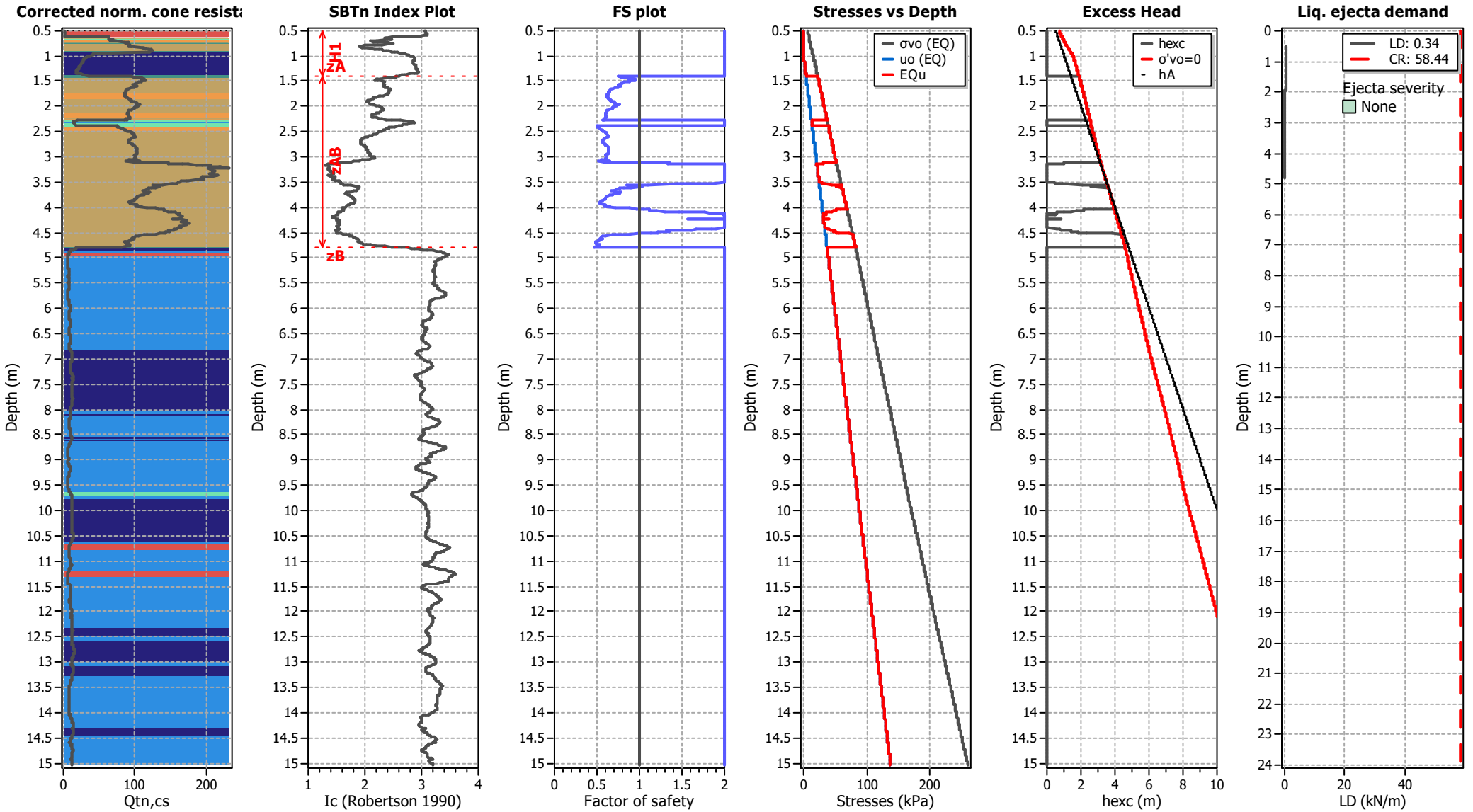
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



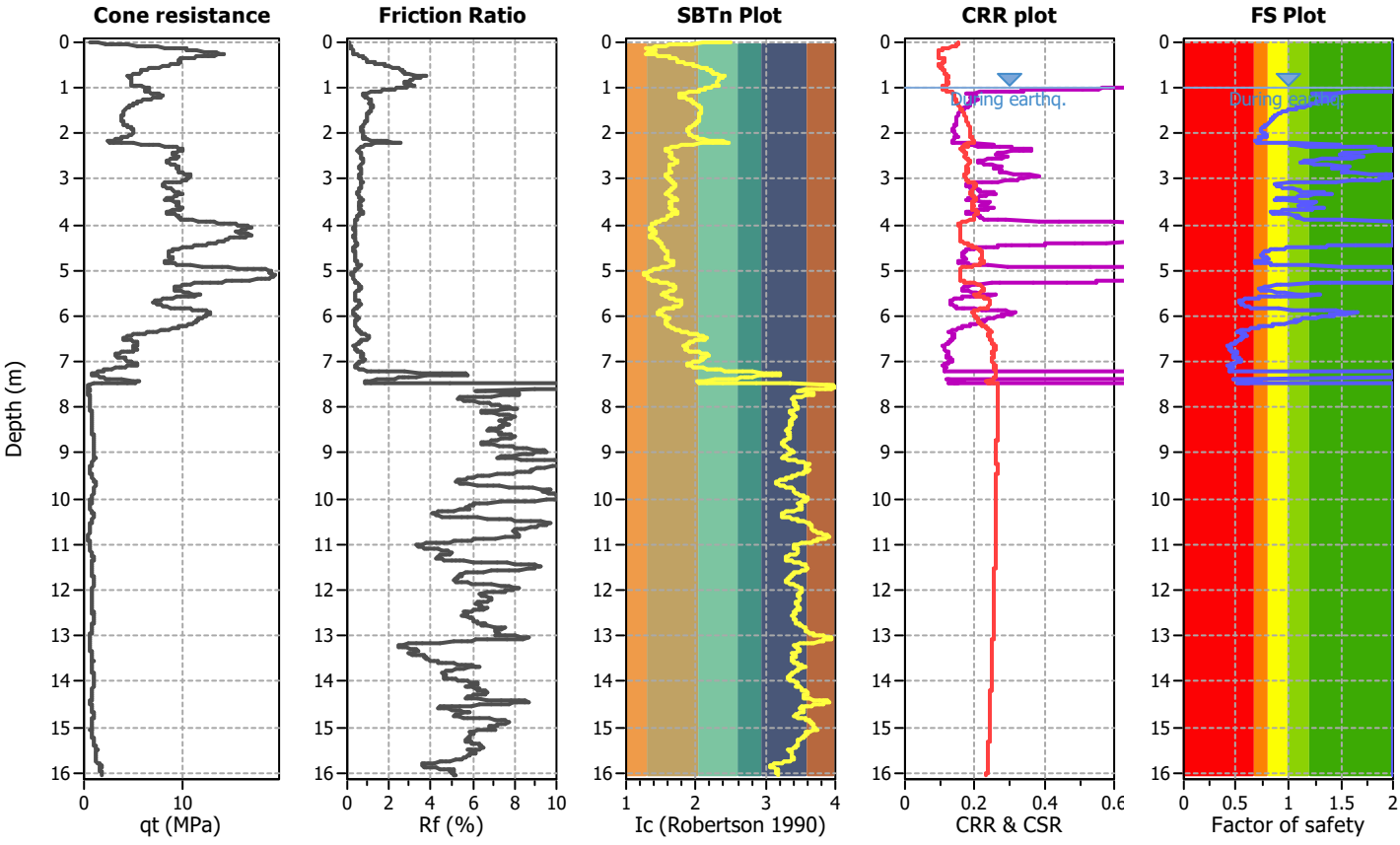
LIQUEFACTION ANALYSIS REPORT

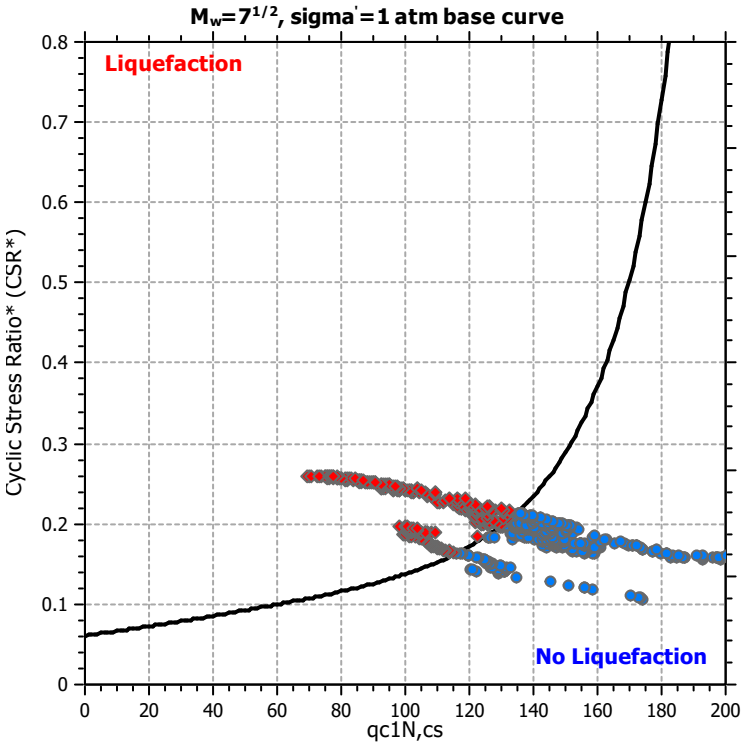
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

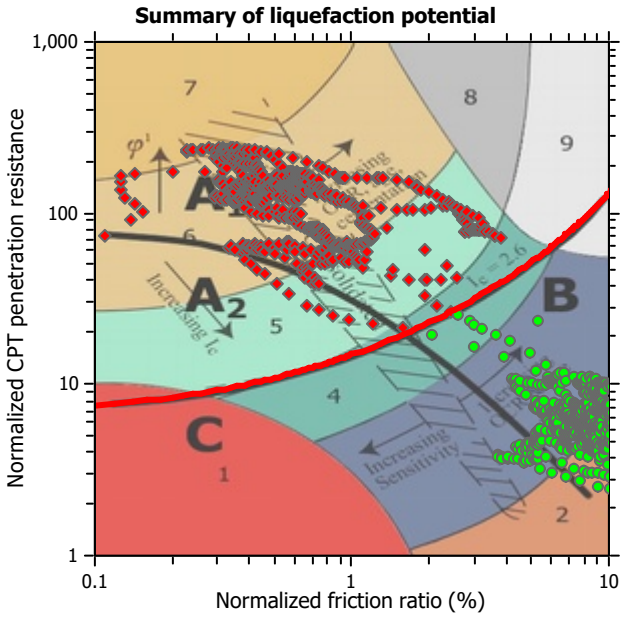
CPT file : 040008P991CPTU992

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

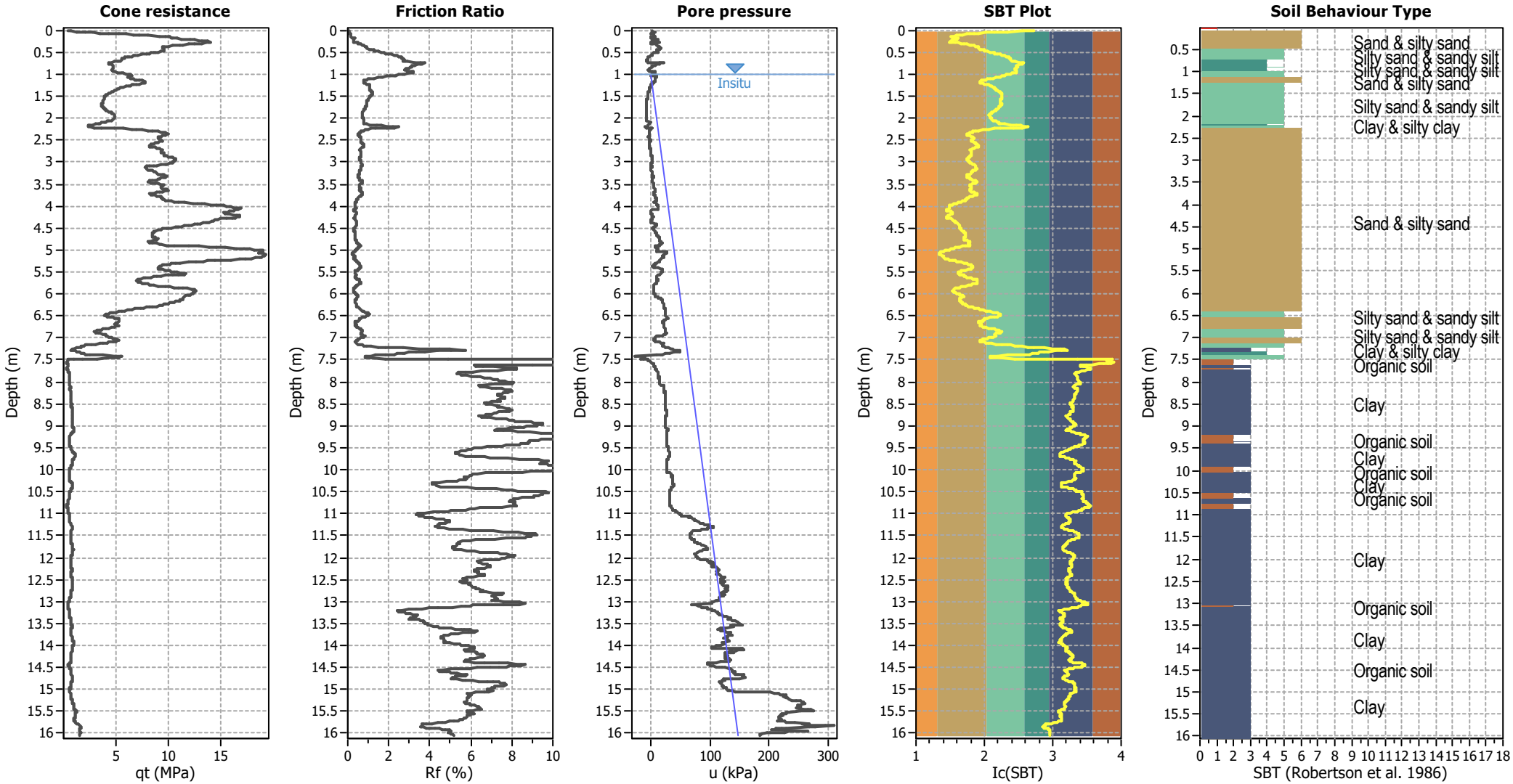






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



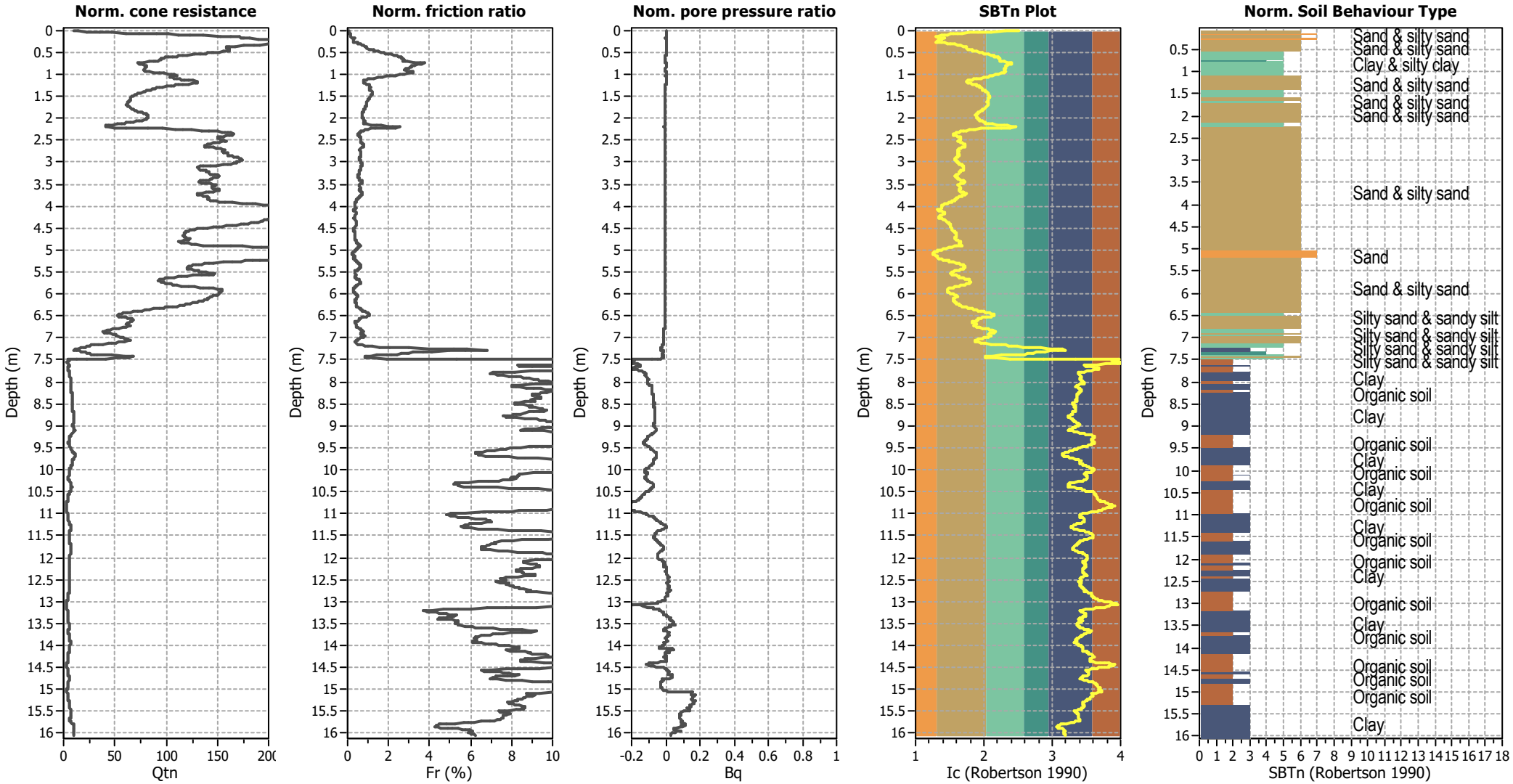
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



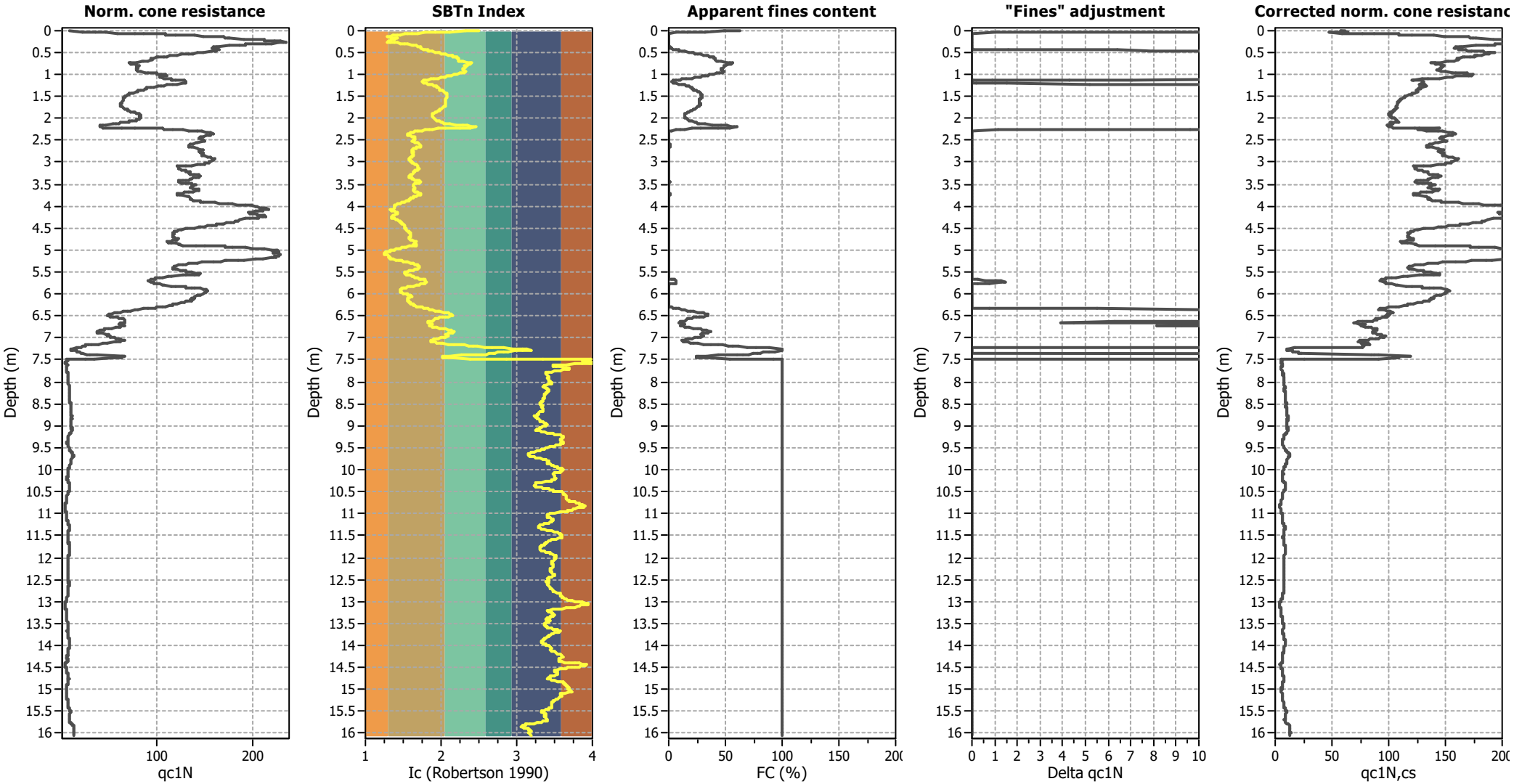
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

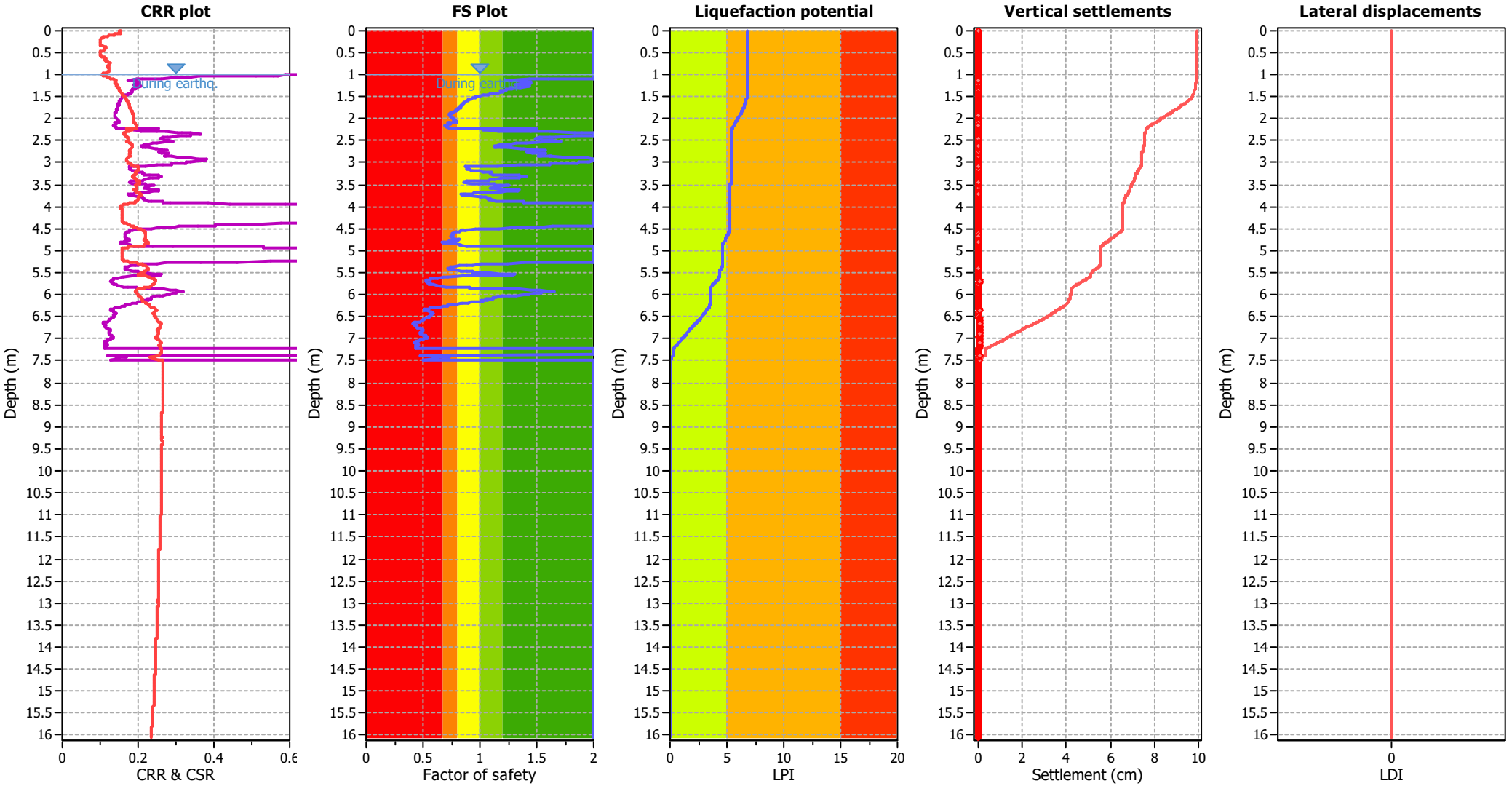
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

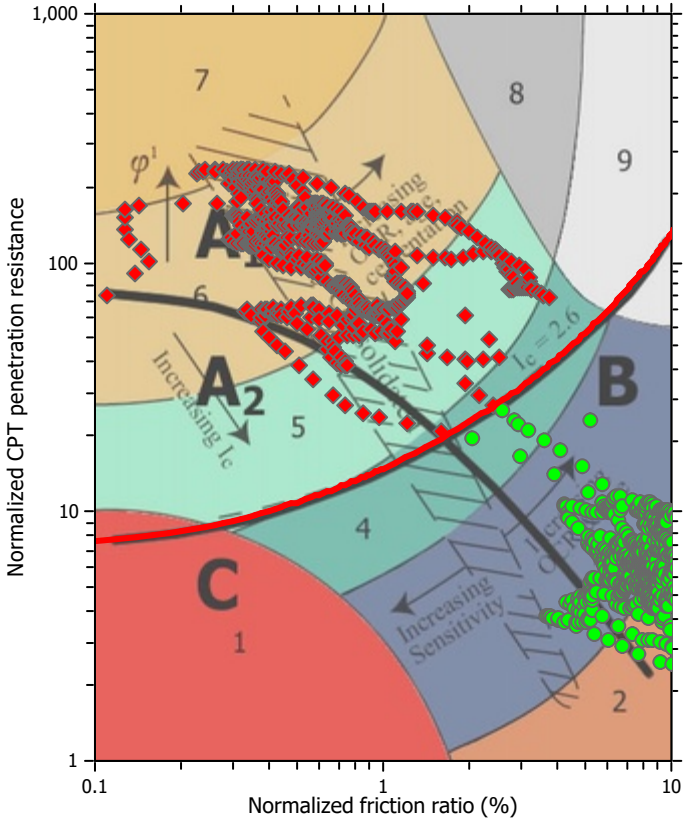
F.S. color scheme

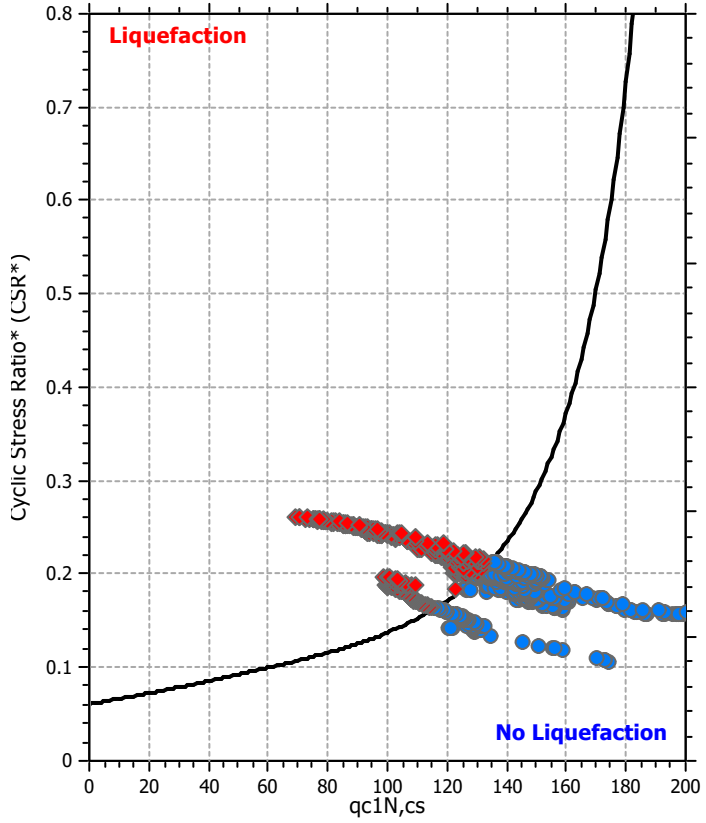
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

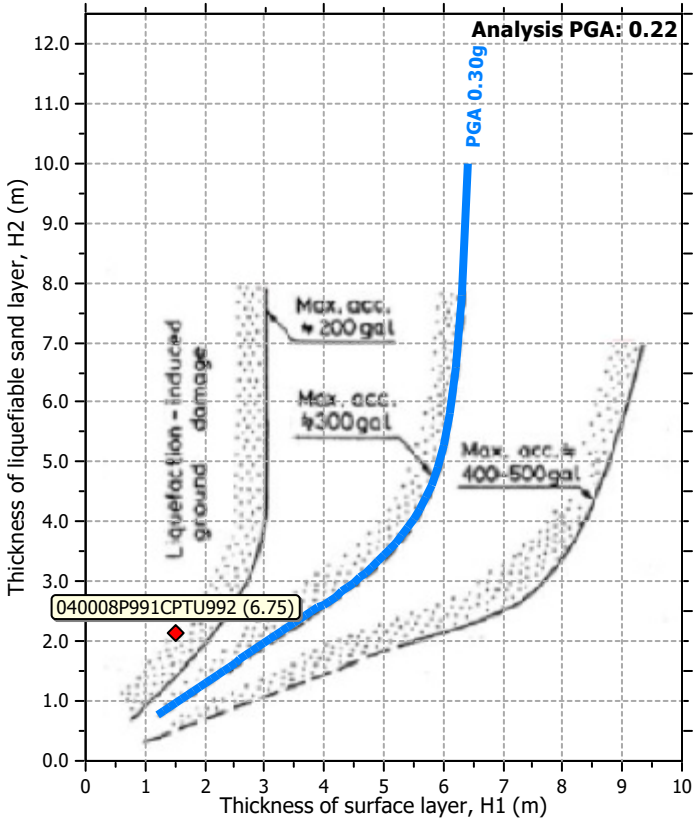
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



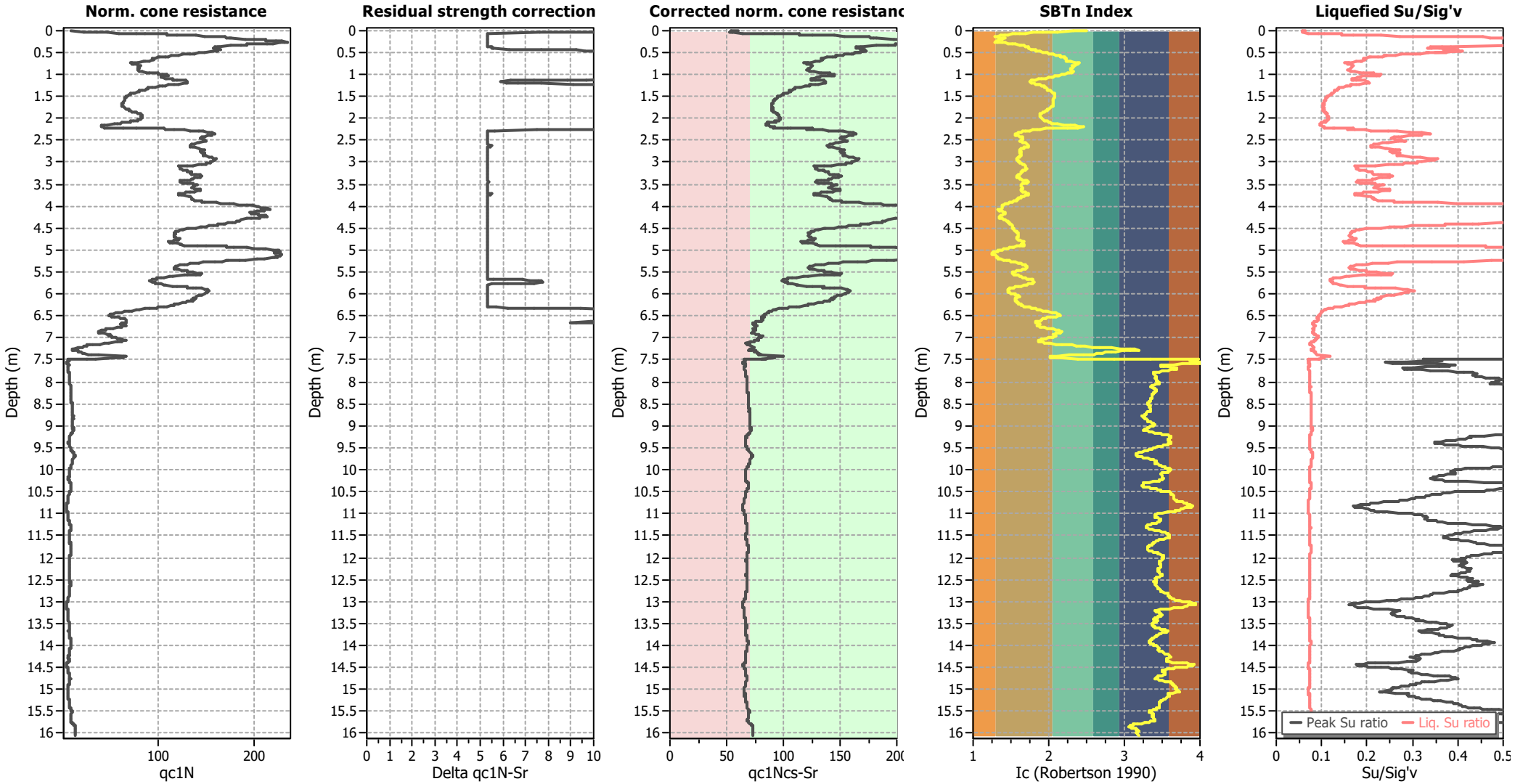




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	2.00	0.00	0.00	0.01	0.00
1.07	2.00	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	2.00	0.00	0.00	0.01	0.00	1.10	1.60	0.00	0.00	0.01	0.00
1.11	1.43	0.00	0.00	0.01	0.00	1.12	1.26	0.00	0.00	0.01	0.00
1.13	1.22	0.00	0.00	0.01	0.00	1.14	1.23	0.00	0.00	0.01	0.00
1.15	1.40	0.00	0.00	0.01	0.00	1.16	1.42	0.00	0.00	0.01	0.00
1.17	1.45	0.00	0.00	0.01	0.00	1.18	1.45	0.00	0.00	0.01	0.00
1.19	1.44	0.00	0.00	0.01	0.00	1.20	1.37	0.00	0.00	0.01	0.00
1.21	1.37	0.00	0.00	0.01	0.00	1.22	1.31	0.00	0.00	0.01	0.00
1.23	1.37	0.00	0.00	0.01	0.00	1.24	1.32	0.00	0.00	0.01	0.00
1.25	1.43	0.00	0.00	0.01	0.00	1.26	1.43	0.00	0.00	0.01	0.00
1.27	1.41	0.00	0.00	0.01	0.00	1.28	1.44	0.00	0.00	0.01	0.00
1.29	1.36	0.00	0.00	0.01	0.00	1.30	1.34	0.00	0.00	0.01	0.00
1.31	1.27	0.00	0.00	0.01	0.00	1.32	1.28	0.00	0.00	0.01	0.00
1.33	1.26	0.00	0.00	0.01	0.00	1.34	1.23	0.00	0.00	0.01	0.00
1.35	1.23	0.00	0.00	0.01	0.00	1.36	1.20	0.00	0.00	0.01	0.00
1.37	1.22	0.00	0.00	0.01	0.00	1.38	1.18	0.00	0.00	0.01	0.00
1.39	1.21	0.00	0.00	0.01	0.00	1.40	1.19	0.00	0.00	0.01	0.00
1.41	1.19	0.00	0.00	0.01	0.00	1.42	1.15	0.00	0.00	0.01	0.00
1.43	1.13	0.00	0.00	0.01	0.00	1.44	1.08	0.00	0.00	0.01	0.00
1.45	1.08	0.00	0.00	0.01	0.00	1.46	1.07	0.00	0.00	0.01	0.00
1.47	1.04	0.00	0.00	0.01	0.00	1.48	1.03	0.00	0.00	0.01	0.00
1.49	1.00	0.00	0.00	0.01	0.00	1.50	0.98	0.00	0.00	0.01	0.00
1.51	0.97	0.00	0.00	0.01	0.00	1.52	0.96	0.00	0.00	0.01	0.00
1.53	0.95	0.00	0.00	0.01	0.00	1.54	0.94	0.00	0.00	0.01	0.01
1.55	0.93	0.00	0.00	0.01	0.01	1.56	0.92	0.00	0.00	0.01	0.01
1.57	0.91	0.00	0.00	0.01	0.01	1.58	0.90	0.00	0.00	0.01	0.01
1.59	0.90	0.00	0.00	0.01	0.01	1.60	0.89	0.00	0.00	0.01	0.01
1.61	0.88	0.00	0.00	0.01	0.01	1.62	0.87	0.00	0.00	0.01	0.01
1.63	0.86	0.00	0.00	0.01	0.01	1.64	0.86	0.00	0.00	0.01	0.01
1.65	0.86	0.00	0.00	0.01	0.01	1.66	0.86	0.00	0.00	0.01	0.01
1.67	0.85	0.00	0.00	0.01	0.01	1.68	0.84	0.00	0.00	0.01	0.01
1.69	0.84	0.00	0.00	0.01	0.01	1.70	0.84	0.00	0.00	0.01	0.01
1.71	0.84	0.00	0.00	0.01	0.01	1.72	0.83	0.00	0.00	0.01	0.02
1.73	0.83	0.00	0.00	0.01	0.02	1.74	0.82	0.18	2.05	0.01	0.02
1.75	0.83	0.00	0.00	0.01	0.02	1.76	0.82	0.18	1.94	0.01	0.02
1.77	0.81	0.19	1.83	0.01	0.02	1.78	0.81	0.19	1.84	0.01	0.02
1.79	0.81	0.19	1.80	0.01	0.02	1.80	0.80	0.20	1.60	0.01	0.02
1.81	0.80	0.20	1.68	0.01	0.02	1.82	0.78	0.22	1.48	0.01	0.02
1.83	0.79	0.21	1.55	0.01	0.02	1.84	0.78	0.22	1.41	0.01	0.02
1.85	0.77	0.23	1.33	0.01	0.02	1.86	0.77	0.23	1.34	0.01	0.02
1.87	0.75	0.25	1.18	0.01	0.02	1.88	0.76	0.24	1.23	0.01	0.02
1.89	0.74	0.26	1.11	0.01	0.02	1.90	0.74	0.26	1.10	0.01	0.02
1.91	0.73	0.27	1.07	0.01	0.02	1.92	0.73	0.27	1.05	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.73	0.27	1.07	0.01	0.02	1.94	0.74	0.26	1.09	0.01	0.02
1.95	0.74	0.26	1.11	0.01	0.02	1.96	0.74	0.26	1.15	0.01	0.02
1.97	0.74	0.26	1.14	0.01	0.02	1.98	0.75	0.25	1.20	0.01	0.02
1.99	0.76	0.24	1.24	0.01	0.02	2.00	0.76	0.24	1.30	0.01	0.02
2.01	0.76	0.24	1.29	0.01	0.02	2.02	0.77	0.23	1.38	0.01	0.02
2.03	0.78	0.22	1.45	0.01	0.02	2.04	0.77	0.23	1.37	0.01	0.02
2.05	0.79	0.21	1.56	0.01	0.02	2.06	0.78	0.22	1.40	0.01	0.02
2.07	0.77	0.23	1.34	0.01	0.02	2.08	0.80	0.20	1.67	0.01	0.02
2.09	0.72	0.28	1.01	0.01	0.03	2.10	0.73	0.27	1.07	0.01	0.02
2.11	0.73	0.27	1.04	0.01	0.02	2.12	0.72	0.28	1.04	0.01	0.02
2.13	0.72	0.28	1.00	0.01	0.03	2.14	0.74	0.26	1.11	0.01	0.02
2.15	0.70	0.30	0.91	0.01	0.03	2.16	0.70	0.30	0.93	0.01	0.03
2.17	0.69	0.31	0.87	0.01	0.03	2.18	0.70	0.30	0.92	0.01	0.03
2.19	0.71	0.29	0.95	0.01	0.03	2.20	0.72	0.28	1.02	0.01	0.02
2.21	0.73	0.27	1.05	0.01	0.02	2.22	0.96	0.00	0.00	0.01	0.00
2.23	1.03	0.00	0.00	0.01	0.00	2.24	1.50	0.00	0.00	0.01	0.00
2.25	1.02	0.00	0.00	0.01	0.00	2.26	1.03	0.00	0.00	0.01	0.00
2.27	1.06	0.00	0.00	0.01	0.00	2.28	1.17	0.00	0.00	0.01	0.00
2.29	1.45	0.00	0.00	0.01	0.00	2.30	1.62	0.00	0.00	0.01	0.00
2.31	1.84	0.00	0.00	0.01	0.00	2.32	1.83	0.00	0.00	0.01	0.00
2.33	1.90	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	1.99	0.00	0.00	0.01	0.00	2.40	1.83	0.00	0.00	0.01	0.00
2.41	1.67	0.00	0.00	0.01	0.00	2.42	1.61	0.00	0.00	0.01	0.00
2.43	1.53	0.00	0.00	0.01	0.00	2.44	1.52	0.00	0.00	0.01	0.00
2.45	1.48	0.00	0.00	0.01	0.00	2.46	1.49	0.00	0.00	0.01	0.00
2.47	1.52	0.00	0.00	0.01	0.00	2.48	1.55	0.00	0.00	0.01	0.00
2.49	1.64	0.00	0.00	0.01	0.00	2.50	1.63	0.00	0.00	0.01	0.00
2.51	1.69	0.00	0.00	0.01	0.00	2.52	1.72	0.00	0.00	0.01	0.00
2.53	1.69	0.00	0.00	0.01	0.00	2.54	1.60	0.00	0.00	0.01	0.00
2.55	1.40	0.00	0.00	0.01	0.00	2.56	1.40	0.00	0.00	0.01	0.00
2.57	1.32	0.00	0.00	0.01	0.00	2.58	1.25	0.00	0.00	0.01	0.00
2.59	1.23	0.00	0.00	0.01	0.00	2.60	1.18	0.00	0.00	0.01	0.00
2.61	1.14	0.00	0.00	0.01	0.00	2.62	1.13	0.00	0.00	0.01	0.00
2.63	1.12	0.00	0.00	0.01	0.00	2.64	1.14	0.00	0.00	0.01	0.00
2.65	1.13	0.00	0.00	0.01	0.00	2.66	1.19	0.00	0.00	0.01	0.00
2.67	1.25	0.00	0.00	0.01	0.00	2.68	1.36	0.00	0.00	0.01	0.00
2.69	1.35	0.00	0.00	0.01	0.00	2.70	1.38	0.00	0.00	0.01	0.00
2.71	1.51	0.00	0.00	0.01	0.00	2.72	1.58	0.00	0.00	0.01	0.00
2.73	1.50	0.00	0.00	0.01	0.00	2.74	1.50	0.00	0.00	0.01	0.00
2.75	1.43	0.00	0.00	0.01	0.00	2.76	1.45	0.00	0.00	0.01	0.00
2.77	1.41	0.00	0.00	0.01	0.00	2.78	1.47	0.00	0.00	0.01	0.00
2.79	1.52	0.00	0.00	0.01	0.00	2.80	1.58	0.00	0.00	0.01	0.00
2.81	1.57	0.00	0.00	0.01	0.00	2.82	1.53	0.00	0.00	0.01	0.00
2.83	1.55	0.00	0.00	0.01	0.00	2.84	1.53	0.00	0.00	0.01	0.00
2.85	1.51	0.00	0.00	0.01	0.00	2.86	1.63	0.00	0.00	0.01	0.00
2.87	1.62	0.00	0.00	0.01	0.00	2.88	1.77	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.94	0.00	0.00	0.01	0.00	2.90	1.93	0.00	0.00	0.01	0.00
2.91	2.00	0.00	0.00	0.01	0.00	2.92	2.00	0.00	0.00	0.01	0.00
2.93	2.00	0.00	0.00	0.01	0.00	2.94	2.00	0.00	0.00	0.01	0.00
2.95	2.00	0.00	0.00	0.01	0.00	2.96	2.00	0.00	0.00	0.01	0.00
2.97	1.96	0.00	0.00	0.01	0.00	2.98	1.95	0.00	0.00	0.01	0.00
2.99	1.88	0.00	0.00	0.01	0.00	3.00	1.87	0.00	0.00	0.01	0.00
3.01	1.86	0.00	0.00	0.01	0.00	3.02	1.85	0.00	0.00	0.01	0.00
3.03	1.62	0.00	0.00	0.01	0.00	3.04	1.61	0.00	0.00	0.01	0.00
3.05	1.45	0.00	0.00	0.01	0.00	3.06	1.35	0.00	0.00	0.01	0.00
3.07	1.16	0.00	0.00	0.01	0.00	3.08	1.02	0.00	0.00	0.01	0.00
3.09	1.02	0.00	0.00	0.01	0.00	3.10	0.88	0.00	0.00	0.01	0.01
3.11	0.89	0.00	0.00	0.01	0.01	3.12	0.90	0.00	0.00	0.01	0.01
3.13	0.90	0.00	0.00	0.01	0.01	3.14	0.90	0.00	0.00	0.01	0.01
3.15	0.89	0.00	0.00	0.01	0.01	3.16	0.91	0.00	0.00	0.01	0.01
3.17	0.93	0.00	0.00	0.01	0.01	3.18	0.94	0.00	0.00	0.01	0.01
3.19	1.00	0.00	0.00	0.01	0.00	3.20	1.00	0.00	0.00	0.01	0.00
3.21	1.03	0.00	0.00	0.01	0.00	3.22	1.04	0.00	0.00	0.01	0.00
3.23	1.10	0.00	0.00	0.01	0.00	3.24	1.10	0.00	0.00	0.01	0.00
3.25	1.09	0.00	0.00	0.01	0.00	3.26	1.09	0.00	0.00	0.01	0.00
3.27	1.11	0.00	0.00	0.01	0.00	3.28	1.19	0.00	0.00	0.01	0.00
3.29	1.22	0.00	0.00	0.01	0.00	3.30	1.35	0.00	0.00	0.01	0.00
3.31	1.34	0.00	0.00	0.01	0.00	3.32	1.41	0.00	0.00	0.01	0.00
3.33	1.36	0.00	0.00	0.01	0.00	3.34	1.35	0.00	0.00	0.01	0.00
3.35	1.25	0.00	0.00	0.01	0.00	3.36	1.19	0.00	0.00	0.01	0.00
3.37	1.13	0.00	0.00	0.01	0.00	3.38	1.13	0.00	0.00	0.01	0.00
3.39	1.09	0.00	0.00	0.01	0.00	3.40	1.08	0.00	0.00	0.01	0.00
3.41	1.00	0.00	0.00	0.01	0.00	3.42	0.95	0.00	0.00	0.01	0.00
3.43	0.88	0.00	0.00	0.01	0.01	3.44	0.88	0.00	0.00	0.01	0.01
3.45	0.88	0.00	0.00	0.01	0.01	3.46	0.86	0.00	0.00	0.01	0.01
3.47	0.92	0.00	0.00	0.01	0.01	3.48	0.99	0.00	0.00	0.01	0.00
3.49	1.13	0.00	0.00	0.01	0.00	3.50	1.13	0.00	0.00	0.01	0.00
3.51	1.18	0.00	0.00	0.01	0.00	3.52	1.26	0.00	0.00	0.01	0.00
3.53	1.22	0.00	0.00	0.01	0.00	3.54	1.16	0.00	0.00	0.01	0.00
3.55	1.15	0.00	0.00	0.01	0.00	3.56	1.15	0.00	0.00	0.01	0.00
3.57	1.10	0.00	0.00	0.01	0.00	3.58	1.09	0.00	0.00	0.01	0.00
3.59	1.11	0.00	0.00	0.01	0.00	3.60	1.18	0.00	0.00	0.01	0.00
3.61	1.18	0.00	0.00	0.01	0.00	3.62	1.22	0.00	0.00	0.01	0.00
3.63	1.34	0.00	0.00	0.01	0.00	3.64	1.34	0.00	0.00	0.01	0.00
3.65	1.23	0.00	0.00	0.01	0.00	3.66	1.23	0.00	0.00	0.01	0.00
3.67	1.16	0.00	0.00	0.01	0.00	3.68	1.05	0.00	0.00	0.01	0.00
3.69	0.95	0.00	0.00	0.01	0.00	3.70	0.93	0.00	0.00	0.01	0.01
3.71	0.87	0.00	0.00	0.01	0.01	3.72	0.86	0.00	0.00	0.01	0.01
3.73	0.84	0.00	0.00	0.01	0.01	3.74	0.85	0.00	0.00	0.01	0.01
3.75	0.87	0.00	0.00	0.01	0.01	3.76	0.90	0.00	0.00	0.01	0.01
3.77	1.01	0.00	0.00	0.01	0.00	3.78	1.00	0.00	0.00	0.01	0.00
3.79	1.05	0.00	0.00	0.01	0.00	3.80	1.07	0.00	0.00	0.01	0.00
3.81	1.09	0.00	0.00	0.01	0.00	3.82	1.07	0.00	0.00	0.01	0.00
3.83	1.08	0.00	0.00	0.01	0.00	3.84	1.08	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	1.11	0.00	0.00	0.01	0.00	3.86	1.10	0.00	0.00	0.01	0.00
3.87	1.15	0.00	0.00	0.01	0.00	3.88	1.21	0.00	0.00	0.01	0.00
3.89	1.39	0.00	0.00	0.01	0.00	3.90	1.38	0.00	0.00	0.01	0.00
3.91	1.52	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	2.00	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	2.00	0.00	0.00	0.01	0.00
4.03	2.00	0.00	0.00	0.01	0.00	4.04	2.00	0.00	0.00	0.01	0.00
4.05	2.00	0.00	0.00	0.01	0.00	4.06	2.00	0.00	0.00	0.01	0.00
4.07	2.00	0.00	0.00	0.01	0.00	4.08	2.00	0.00	0.00	0.01	0.00
4.09	2.00	0.00	0.00	0.01	0.00	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	2.00	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	2.00	0.00	0.00	0.01	0.00	4.18	2.00	0.00	0.00	0.01	0.00
4.19	2.00	0.00	0.00	0.01	0.00	4.20	2.00	0.00	0.00	0.01	0.00
4.21	2.00	0.00	0.00	0.01	0.00	4.22	2.00	0.00	0.00	0.01	0.00
4.23	2.00	0.00	0.00	0.01	0.00	4.24	2.00	0.00	0.00	0.01	0.00
4.25	2.00	0.00	0.00	0.01	0.00	4.26	2.00	0.00	0.00	0.01	0.00
4.27	2.00	0.00	0.00	0.01	0.00	4.28	2.00	0.00	0.00	0.01	0.00
4.29	2.00	0.00	0.00	0.01	0.00	4.30	2.00	0.00	0.00	0.01	0.00
4.31	2.00	0.00	0.00	0.01	0.00	4.32	2.00	0.00	0.00	0.01	0.00
4.33	2.00	0.00	0.00	0.01	0.00	4.34	2.00	0.00	0.00	0.01	0.00
4.35	2.00	0.00	0.00	0.01	0.00	4.36	2.00	0.00	0.00	0.01	0.00
4.37	2.00	0.00	0.00	0.01	0.00	4.38	2.00	0.00	0.00	0.01	0.00
4.39	2.00	0.00	0.00	0.01	0.00	4.40	2.00	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	2.00	0.00	0.00	0.01	0.00
4.43	2.00	0.00	0.00	0.01	0.00	4.44	1.95	0.00	0.00	0.01	0.00
4.45	1.64	0.00	0.00	0.01	0.00	4.46	1.53	0.00	0.00	0.01	0.00
4.47	1.37	0.00	0.00	0.01	0.00	4.48	1.37	0.00	0.00	0.01	0.00
4.49	1.29	0.00	0.00	0.01	0.00	4.50	1.17	0.00	0.00	0.01	0.00
4.51	0.99	0.00	0.00	0.01	0.00	4.52	0.96	0.00	0.00	0.01	0.00
4.53	0.88	0.00	0.00	0.01	0.01	4.54	0.88	0.00	0.00	0.01	0.01
4.55	0.83	0.00	0.00	0.01	0.01	4.56	0.82	0.18	1.95	0.01	0.01
4.57	0.79	0.21	1.54	0.01	0.02	4.58	0.78	0.22	1.46	0.01	0.02
4.59	0.78	0.22	1.40	0.01	0.02	4.60	0.78	0.22	1.39	0.01	0.02
4.61	0.75	0.25	1.22	0.01	0.02	4.62	0.75	0.25	1.19	0.01	0.02
4.63	0.76	0.24	1.28	0.01	0.02	4.64	0.76	0.24	1.25	0.01	0.02
4.65	0.76	0.24	1.24	0.01	0.02	4.66	0.74	0.26	1.13	0.01	0.02
4.67	0.74	0.26	1.13	0.01	0.02	4.68	0.74	0.26	1.14	0.01	0.02
4.69	0.75	0.25	1.20	0.01	0.02	4.70	0.75	0.25	1.19	0.01	0.02
4.71	0.77	0.23	1.30	0.01	0.02	4.72	0.77	0.23	1.30	0.01	0.02
4.73	0.79	0.21	1.52	0.01	0.02	4.74	0.82	0.18	1.89	0.01	0.01
4.75	0.81	0.19	1.83	0.01	0.01	4.76	0.81	0.19	1.81	0.01	0.01
4.77	0.79	0.21	1.49	0.01	0.02	4.78	0.74	0.26	1.10	0.01	0.02
4.79	0.72	0.28	1.00	0.01	0.02	4.80	0.68	0.32	0.83	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.67	0.33	0.82	0.01	0.02	4.82	0.67	0.33	0.82	0.01	0.02
4.83	0.68	0.32	0.86	0.01	0.02	4.84	0.73	0.27	1.08	0.01	0.02
4.85	0.78	0.22	1.41	0.01	0.02	4.86	0.84	0.00	0.00	0.01	0.01
4.87	0.84	0.00	0.00	0.01	0.01	4.88	0.82	0.18	2.04	0.01	0.01
4.89	0.88	0.00	0.00	0.01	0.01	4.90	1.18	0.00	0.00	0.01	0.00
4.91	1.52	0.00	0.00	0.01	0.00	4.92	2.00	0.00	0.00	0.01	0.00
4.93	2.00	0.00	0.00	0.01	0.00	4.94	2.00	0.00	0.00	0.01	0.00
4.95	2.00	0.00	0.00	0.01	0.00	4.96	2.00	0.00	0.00	0.01	0.00
4.97	2.00	0.00	0.00	0.01	0.00	4.98	2.00	0.00	0.00	0.01	0.00
4.99	2.00	0.00	0.00	0.01	0.00	5.00	2.00	0.00	0.00	0.01	0.00
5.01	2.00	0.00	0.00	0.01	0.00	5.02	2.00	0.00	0.00	0.01	0.00
5.03	2.00	0.00	0.00	0.01	0.00	5.04	2.00	0.00	0.00	0.01	0.00
5.05	2.00	0.00	0.00	0.01	0.00	5.06	2.00	0.00	0.00	0.01	0.00
5.07	2.00	0.00	0.00	0.01	0.00	5.08	2.00	0.00	0.00	0.01	0.00
5.09	2.00	0.00	0.00	0.01	0.00	5.10	2.00	0.00	0.00	0.01	0.00
5.11	2.00	0.00	0.00	0.01	0.00	5.12	2.00	0.00	0.00	0.01	0.00
5.13	2.00	0.00	0.00	0.01	0.00	5.14	2.00	0.00	0.00	0.01	0.00
5.15	2.00	0.00	0.00	0.01	0.00	5.16	2.00	0.00	0.00	0.01	0.00
5.17	2.00	0.00	0.00	0.01	0.00	5.18	2.00	0.00	0.00	0.01	0.00
5.19	2.00	0.00	0.00	0.01	0.00	5.20	2.00	0.00	0.00	0.01	0.00
5.21	2.00	0.00	0.00	0.01	0.00	5.22	2.00	0.00	0.00	0.01	0.00
5.23	2.00	0.00	0.00	0.01	0.00	5.24	2.00	0.00	0.00	0.01	0.00
5.25	2.00	0.00	0.00	0.01	0.00	5.26	2.00	0.00	0.00	0.01	0.00
5.27	1.98	0.00	0.00	0.01	0.00	5.28	1.39	0.00	0.00	0.01	0.00
5.29	1.25	0.00	0.00	0.01	0.00	5.30	1.01	0.00	0.00	0.01	0.00
5.31	1.01	0.00	0.00	0.01	0.00	5.32	0.93	0.00	0.00	0.01	0.01
5.33	0.88	0.00	0.00	0.01	0.01	5.34	0.82	0.18	1.91	0.01	0.01
5.35	0.82	0.18	1.89	0.01	0.01	5.36	0.77	0.23	1.38	0.01	0.02
5.37	0.77	0.23	1.37	0.01	0.02	5.38	0.74	0.26	1.12	0.01	0.02
5.39	0.74	0.26	1.13	0.01	0.02	5.40	0.74	0.26	1.10	0.01	0.02
5.41	0.72	0.28	1.03	0.01	0.02	5.42	0.74	0.26	1.10	0.01	0.02
5.43	0.74	0.26	1.10	0.01	0.02	5.44	0.77	0.23	1.31	0.01	0.02
5.45	0.79	0.21	1.51	0.01	0.02	5.46	0.84	0.00	0.00	0.01	0.01
5.47	0.89	0.00	0.00	0.01	0.01	5.48	0.93	0.00	0.00	0.01	0.00
5.49	0.93	0.00	0.00	0.01	0.00	5.50	0.96	0.00	0.00	0.01	0.00
5.51	1.08	0.00	0.00	0.01	0.00	5.52	1.18	0.00	0.00	0.01	0.00
5.53	1.31	0.00	0.00	0.01	0.00	5.54	1.30	0.00	0.00	0.01	0.00
5.55	1.29	0.00	0.00	0.01	0.00	5.56	1.13	0.00	0.00	0.01	0.00
5.57	0.93	0.00	0.00	0.01	0.00	5.58	0.87	0.00	0.00	0.01	0.01
5.59	0.72	0.28	1.00	0.01	0.02	5.60	0.72	0.28	1.00	0.01	0.02
5.61	0.68	0.32	0.85	0.01	0.02	5.62	0.62	0.38	0.68	0.01	0.03
5.63	0.59	0.41	0.61	0.01	0.03	5.64	0.56	0.44	0.56	0.01	0.03
5.65	0.56	0.44	0.56	0.01	0.03	5.66	0.55	0.45	0.54	0.01	0.03
5.67	0.53	0.47	0.52	0.01	0.03	5.68	0.53	0.47	0.52	0.01	0.03
5.69	0.52	0.48	0.51	0.01	0.03	5.70	0.53	0.47	0.51	0.01	0.03
5.71	0.52	0.48	0.51	0.01	0.03	5.72	0.54	0.46	0.53	0.01	0.03
5.73	0.55	0.45	0.54	0.01	0.03	5.74	0.56	0.44	0.56	0.01	0.03
5.75	0.55	0.45	0.55	0.01	0.03	5.76	0.57	0.43	0.58	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.58	0.42	0.60	0.01	0.03	5.78	0.59	0.41	0.61	0.01	0.03
5.79	0.62	0.38	0.68	0.01	0.03	5.80	0.62	0.38	0.68	0.01	0.03
5.81	0.63	0.37	0.70	0.01	0.03	5.82	0.71	0.29	0.95	0.01	0.02
5.83	0.77	0.23	1.30	0.01	0.02	5.84	0.91	0.00	0.00	0.01	0.01
5.85	0.91	0.00	0.00	0.01	0.01	5.86	1.03	0.00	0.00	0.01	0.00
5.87	1.12	0.00	0.00	0.01	0.00	5.88	1.33	0.00	0.00	0.01	0.00
5.89	1.45	0.00	0.00	0.01	0.00	5.90	1.53	0.00	0.00	0.01	0.00
5.91	1.52	0.00	0.00	0.01	0.00	5.92	1.63	0.00	0.00	0.01	0.00
5.93	1.65	0.00	0.00	0.01	0.00	5.94	1.55	0.00	0.00	0.01	0.00
5.95	1.54	0.00	0.00	0.01	0.00	5.96	1.54	0.00	0.00	0.01	0.00
5.97	1.49	0.00	0.00	0.01	0.00	5.98	1.40	0.00	0.00	0.01	0.00
5.99	1.44	0.00	0.00	0.01	0.00	6.00	1.40	0.00	0.00	0.01	0.00
6.01	1.39	0.00	0.00	0.01	0.00	6.02	1.32	0.00	0.00	0.01	0.00
6.03	1.26	0.00	0.00	0.01	0.00	6.04	1.19	0.00	0.00	0.01	0.00
6.05	1.13	0.00	0.00	0.01	0.00	6.06	1.13	0.00	0.00	0.01	0.00
6.07	1.12	0.00	0.00	0.01	0.00	6.08	1.12	0.00	0.00	0.01	0.00
6.09	1.05	0.00	0.00	0.01	0.00	6.10	1.06	0.00	0.00	0.01	0.00
6.11	1.12	0.00	0.00	0.01	0.00	6.12	1.07	0.00	0.00	0.01	0.00
6.13	1.02	0.00	0.00	0.01	0.00	6.14	1.02	0.00	0.00	0.01	0.00
6.15	1.03	0.00	0.00	0.01	0.00	6.16	0.95	0.00	0.00	0.01	0.00
6.17	0.92	0.00	0.00	0.01	0.01	6.18	0.90	0.00	0.00	0.01	0.01
6.19	0.84	0.00	0.00	0.01	0.01	6.20	0.84	0.00	0.00	0.01	0.01
6.21	0.83	0.00	0.00	0.01	0.01	6.22	0.78	0.22	1.45	0.01	0.02
6.23	0.75	0.25	1.17	0.01	0.02	6.24	0.72	0.28	1.00	0.01	0.02
6.25	0.72	0.28	0.99	0.01	0.02	6.26	0.71	0.29	0.95	0.01	0.02
6.27	0.68	0.32	0.85	0.01	0.02	6.28	0.64	0.36	0.72	0.01	0.02
6.29	0.61	0.39	0.66	0.01	0.03	6.30	0.57	0.43	0.57	0.01	0.03
6.31	0.56	0.44	0.57	0.01	0.03	6.32	0.55	0.45	0.55	0.01	0.03
6.33	0.52	0.48	0.50	0.01	0.03	6.34	0.52	0.48	0.50	0.01	0.03
6.35	0.51	0.49	0.49	0.01	0.03	6.36	0.54	0.46	0.53	0.01	0.03
6.37	0.54	0.46	0.53	0.01	0.03	6.38	0.56	0.44	0.56	0.01	0.03
6.39	0.58	0.42	0.59	0.01	0.03	6.40	0.57	0.43	0.58	0.01	0.03
6.41	0.59	0.41	0.62	0.01	0.03	6.42	0.58	0.42	0.59	0.01	0.03
6.43	0.60	0.40	0.62	0.01	0.03	6.44	0.59	0.41	0.60	0.01	0.03
6.45	0.57	0.43	0.57	0.01	0.03	6.46	0.57	0.43	0.58	0.01	0.03
6.47	0.56	0.44	0.56	0.01	0.03	6.48	0.56	0.44	0.56	0.01	0.03
6.49	0.55	0.45	0.55	0.01	0.03	6.50	0.55	0.45	0.54	0.01	0.03
6.51	0.55	0.45	0.55	0.01	0.03	6.52	0.54	0.46	0.53	0.01	0.03
6.53	0.55	0.45	0.55	0.01	0.03	6.54	0.53	0.47	0.51	0.01	0.03
6.55	0.52	0.48	0.50	0.01	0.03	6.56	0.51	0.49	0.49	0.01	0.03
6.57	0.50	0.50	0.48	0.01	0.03	6.58	0.50	0.50	0.48	0.01	0.03
6.59	0.50	0.50	0.48	0.01	0.03	6.60	0.49	0.51	0.47	0.01	0.03
6.61	0.48	0.52	0.46	0.01	0.03	6.62	0.46	0.54	0.44	0.01	0.04
6.63	0.44	0.56	0.42	0.01	0.04	6.64	0.42	0.58	0.40	0.01	0.04
6.65	0.41	0.59	0.40	0.01	0.04	6.66	0.41	0.59	0.39	0.01	0.04
6.67	0.41	0.59	0.40	0.01	0.04	6.68	0.43	0.57	0.41	0.01	0.04
6.69	0.45	0.55	0.43	0.01	0.04	6.70	0.44	0.56	0.42	0.01	0.04
6.71	0.44	0.56	0.41	0.01	0.04	6.72	0.43	0.57	0.41	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.43	0.57	0.41	0.01	0.04	6.74	0.43	0.57	0.41	0.01	0.04
6.75	0.45	0.55	0.43	0.01	0.04	6.76	0.46	0.54	0.44	0.01	0.04
6.77	0.48	0.52	0.45	0.01	0.03	6.78	0.48	0.52	0.46	0.01	0.03
6.79	0.50	0.50	0.48	0.01	0.03	6.80	0.49	0.51	0.46	0.01	0.03
6.81	0.50	0.50	0.48	0.01	0.03	6.82	0.49	0.51	0.47	0.01	0.03
6.83	0.49	0.51	0.47	0.01	0.03	6.84	0.48	0.52	0.46	0.01	0.03
6.85	0.48	0.52	0.46	0.01	0.03	6.86	0.48	0.52	0.46	0.01	0.03
6.87	0.48	0.52	0.46	0.01	0.03	6.88	0.48	0.52	0.46	0.01	0.03
6.89	0.48	0.52	0.45	0.01	0.03	6.90	0.49	0.51	0.47	0.01	0.03
6.91	0.50	0.50	0.48	0.01	0.03	6.92	0.52	0.48	0.50	0.01	0.03
6.93	0.52	0.48	0.50	0.01	0.03	6.94	0.53	0.47	0.51	0.01	0.03
6.95	0.53	0.47	0.51	0.01	0.03	6.96	0.53	0.47	0.52	0.01	0.03
6.97	0.54	0.46	0.54	0.01	0.03	6.98	0.53	0.47	0.51	0.01	0.03
6.99	0.54	0.46	0.53	0.01	0.03	7.00	0.51	0.49	0.49	0.01	0.03
7.01	0.50	0.50	0.48	0.01	0.03	7.02	0.49	0.51	0.47	0.01	0.03
7.03	0.47	0.53	0.45	0.01	0.03	7.04	0.46	0.54	0.44	0.01	0.03
7.05	0.45	0.55	0.43	0.01	0.04	7.06	0.45	0.55	0.42	0.01	0.04
7.07	0.43	0.57	0.41	0.01	0.04	7.08	0.43	0.57	0.41	0.01	0.04
7.09	0.42	0.58	0.40	0.01	0.04	7.10	0.45	0.55	0.42	0.01	0.04
7.11	0.43	0.57	0.41	0.01	0.04	7.12	0.46	0.54	0.44	0.01	0.03
7.13	0.46	0.54	0.43	0.01	0.03	7.14	0.47	0.53	0.44	0.01	0.03
7.15	0.45	0.55	0.42	0.01	0.04	7.16	0.45	0.55	0.43	0.01	0.04
7.17	0.44	0.56	0.42	0.01	0.04	7.18	0.44	0.56	0.42	0.01	0.04
7.19	0.44	0.56	0.42	0.01	0.04	7.20	0.44	0.56	0.42	0.01	0.04
7.21	0.44	0.56	0.42	0.01	0.04	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	0.47	0.53	0.45	0.01	0.03	7.38	0.47	0.53	0.45	0.01	0.03
7.39	0.48	0.52	0.46	0.01	0.03	7.40	0.50	0.50	0.48	0.01	0.03
7.41	0.73	0.27	1.06	0.01	0.02	7.42	0.63	0.37	0.69	0.01	0.02
7.43	0.58	0.42	0.60	0.01	0.03	7.44	0.59	0.41	0.60	0.01	0.03
7.45	0.59	0.41	0.62	0.01	0.03	7.46	0.63	0.37	0.69	0.01	0.02
7.47	0.50	0.50	0.48	0.01	0.03	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00						

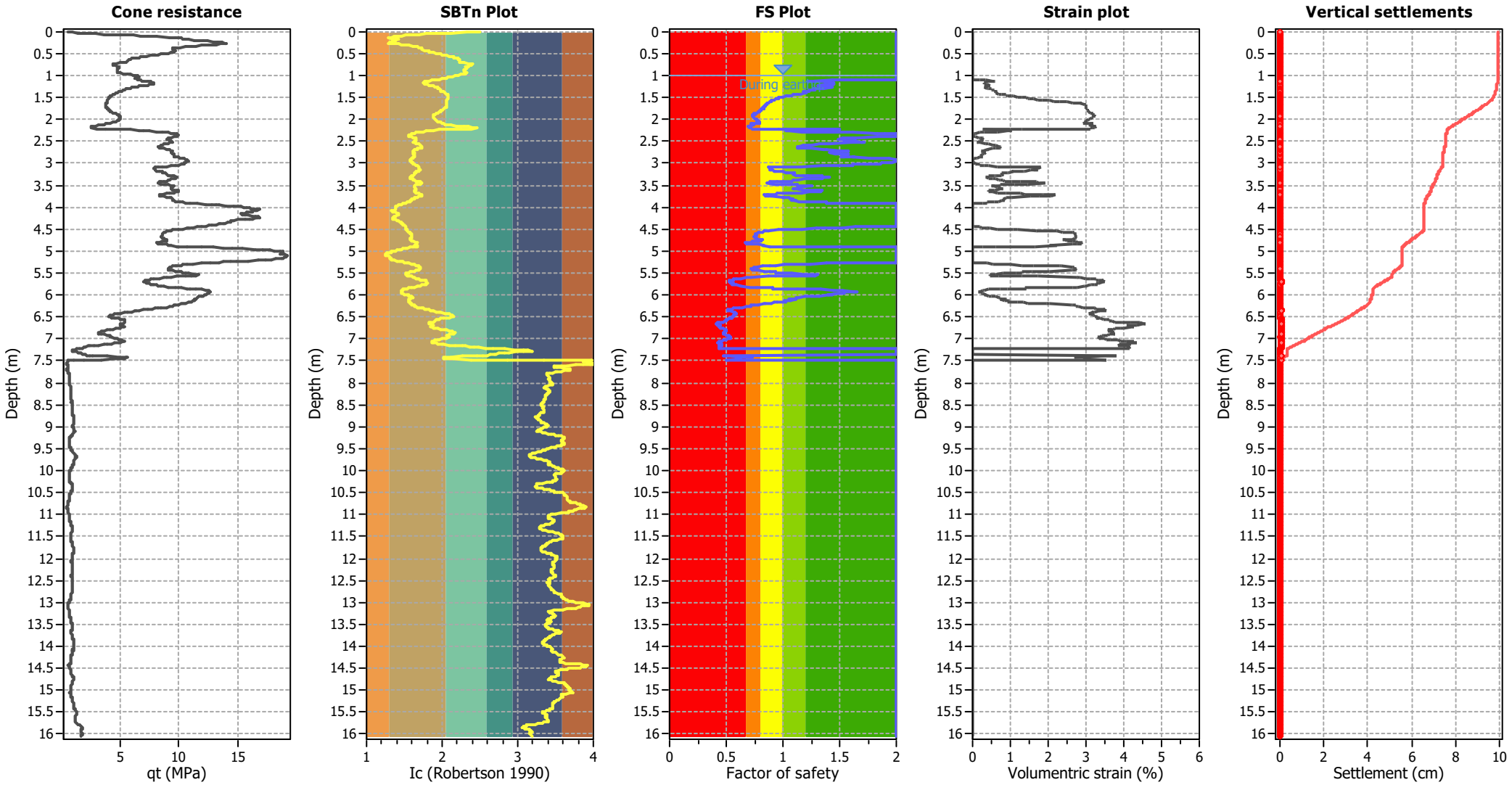
Overall liquefaction potential: 6.75

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	171.13	2.00	0.00	1.00	0.00	1.01	174.54	2.00	0.00	1.00	0.00
1.02	173.48	2.00	0.00	1.00	0.00	1.03	172.88	2.00	0.00	1.00	0.00
1.04	170.45	2.00	0.00	1.00	0.00	1.05	158.91	2.00	0.00	1.00	0.00
1.06	156.02	2.00	0.00	1.00	0.00	1.07	156.48	2.00	0.00	1.00	0.00
1.08	151.33	2.00	0.00	1.00	0.00	1.09	145.39	2.00	0.00	1.00	0.00
1.10	134.71	1.60	0.20	1.00	0.00	1.11	129.25	1.43	0.33	1.00	0.00
1.12	122.31	1.26	0.52	1.00	0.01	1.13	120.87	1.22	0.58	1.00	0.01
1.14	121.45	1.23	0.57	1.00	0.01	1.15	129.11	1.40	0.35	1.00	0.00
1.16	129.98	1.42	0.34	1.00	0.00	1.17	131.39	1.45	0.31	1.00	0.00
1.18	131.39	1.45	0.31	1.00	0.00	1.19	131.41	1.44	0.32	1.00	0.00
1.20	129.06	1.37	0.38	1.00	0.00	1.21	129.20	1.37	0.39	1.00	0.00
1.22	126.77	1.31	0.46	1.00	0.00	1.23	129.66	1.37	0.38	1.00	0.00
1.24	127.69	1.32	0.44	1.00	0.00	1.25	132.11	1.43	0.33	1.00	0.00
1.26	132.17	1.43	0.33	1.00	0.00	1.27	131.57	1.41	0.35	1.00	0.00
1.28	132.99	1.44	0.32	1.00	0.00	1.29	130.06	1.36	0.40	1.00	0.00
1.30	129.75	1.34	0.42	1.00	0.00	1.31	126.78	1.27	0.51	1.00	0.01
1.32	127.65	1.28	0.49	1.00	0.00	1.33	126.81	1.26	0.52	1.00	0.01
1.34	125.76	1.23	0.57	1.00	0.01	1.35	126.01	1.23	0.56	1.00	0.01
1.36	124.72	1.20	0.62	1.00	0.01	1.37	125.69	1.22	0.59	1.00	0.01
1.38	124.33	1.18	0.64	1.00	0.01	1.39	125.76	1.21	0.60	1.00	0.01
1.40	124.85	1.19	0.64	1.00	0.01	1.41	125.15	1.19	0.63	1.00	0.01
1.42	123.40	1.15	0.71	1.00	0.01	1.43	122.33	1.13	0.76	1.00	0.01
1.44	120.13	1.08	0.88	1.00	0.01	1.45	120.12	1.08	0.89	1.00	0.01
1.46	119.70	1.07	0.92	1.00	0.01	1.47	118.05	1.04	1.03	1.00	0.01
1.48	117.66	1.03	1.07	1.00	0.01	1.49	116.01	1.00	1.20	1.00	0.01
1.50	114.92	0.98	1.31	1.00	0.01	1.51	114.04	0.97	1.41	1.00	0.01
1.52	113.86	0.96	1.44	1.00	0.01	1.53	113.52	0.95	1.50	1.00	0.01
1.54	112.59	0.94	1.63	1.00	0.02	1.55	111.94	0.93	1.74	1.00	0.02
1.56	111.39	0.92	1.85	1.00	0.02	1.57	110.68	0.91	2.00	1.00	0.02
1.58	110.57	0.90	2.05	1.00	0.02	1.59	110.20	0.90	2.16	1.00	0.02
1.60	109.77	0.89	2.29	1.00	0.02	1.61	109.16	0.88	2.49	1.00	0.02
1.62	108.72	0.87	2.66	1.00	0.03	1.63	108.22	0.86	2.88	1.00	0.03
1.64	108.43	0.86	2.85	1.00	0.03	1.65	107.88	0.86	2.97	1.00	0.03
1.66	108.12	0.86	2.96	1.00	0.03	1.67	107.93	0.85	2.97	1.00	0.03
1.68	107.22	0.84	2.99	1.00	0.03	1.69	107.48	0.84	2.98	1.00	0.03
1.70	107.11	0.84	2.99	1.00	0.03	1.71	107.53	0.84	2.98	1.00	0.03
1.72	106.70	0.83	3.01	1.00	0.03	1.73	106.79	0.83	3.00	1.00	0.03
1.74	106.64	0.82	3.01	1.00	0.03	1.75	107.15	0.83	2.99	1.00	0.03
1.76	106.44	0.82	3.01	1.00	0.03	1.77	105.94	0.81	3.03	1.00	0.03
1.78	106.19	0.81	3.02	1.00	0.03	1.79	106.10	0.81	3.02	1.00	0.03
1.80	104.83	0.80	3.06	1.00	0.03	1.81	105.62	0.80	3.04	1.00	0.03
1.82	104.12	0.78	3.08	1.00	0.03	1.83	104.87	0.79	3.06	1.00	0.03
1.84	103.73	0.78	3.09	1.00	0.03	1.85	102.93	0.77	3.12	1.00	0.03
1.86	103.24	0.77	3.11	1.00	0.03	1.87	101.08	0.75	3.18	1.00	0.03
1.88	102.09	0.76	3.15	1.00	0.03	1.89	100.17	0.74	3.21	1.00	0.03
1.90	100.26	0.74	3.20	1.00	0.03	1.91	99.68	0.73	3.22	1.00	0.03
1.92	99.51	0.73	3.23	1.00	0.03	1.93	100.00	0.73	3.21	1.00	0.03
1.94	100.69	0.74	3.19	1.00	0.03	1.95	101.07	0.74	3.18	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	102.03	0.74	3.15	1.00	0.03	1.97	101.90	0.74	3.15	1.00	0.03
1.98	103.15	0.75	3.11	1.00	0.03	1.99	103.89	0.76	3.09	1.00	0.03
2.00	104.73	0.76	3.06	1.00	0.03	2.01	104.74	0.76	3.06	1.00	0.03
2.02	105.96	0.77	3.03	1.00	0.03	2.03	106.78	0.78	3.00	1.00	0.03
2.04	106.12	0.77	3.02	1.00	0.03	2.05	108.01	0.79	2.97	1.00	0.03
2.06	106.65	0.78	3.01	1.00	0.03	2.07	106.15	0.77	3.02	1.00	0.03
2.08	109.26	0.80	2.93	1.00	0.03	2.09	100.96	0.72	3.18	1.00	0.03
2.10	102.48	0.73	3.13	1.00	0.03	2.11	101.94	0.73	3.15	1.00	0.03
2.12	102.02	0.72	3.15	1.00	0.03	2.13	101.32	0.72	3.17	1.00	0.03
2.14	103.76	0.74	3.09	1.00	0.03	2.15	99.28	0.70	3.24	1.00	0.03
2.16	99.88	0.70	3.22	1.00	0.03	2.17	98.35	0.69	3.27	1.00	0.03
2.18	99.82	0.70	3.22	1.00	0.03	2.19	100.91	0.71	3.18	1.00	0.03
2.20	102.73	0.72	3.13	1.00	0.03	2.21	103.46	0.73	3.10	1.00	0.03
2.22	122.54	0.96	1.31	1.00	0.01	2.23	126.55	1.03	1.00	1.00	0.01
2.24	144.23	1.50	0.28	1.00	0.00	2.25	126.20	1.02	1.04	1.00	0.01
2.26	126.63	1.03	1.01	1.00	0.01	2.27	128.33	1.06	0.91	1.00	0.01
2.28	133.65	1.17	0.65	1.00	0.01	2.29	143.29	1.45	0.31	1.00	0.00
2.30	147.52	1.62	0.19	1.00	0.00	2.31	152.29	1.84	0.07	1.00	0.00
2.32	152.15	1.83	0.07	1.00	0.00	2.33	153.54	1.90	0.04	1.00	0.00
2.34	156.34	2.00	0.00	1.00	0.00	2.35	159.22	2.00	0.00	1.00	0.00
2.36	158.87	2.00	0.00	1.00	0.00	2.37	156.60	2.00	0.00	1.00	0.00
2.38	156.46	2.00	0.00	1.00	0.00	2.39	155.37	1.99	0.00	1.00	0.00
2.40	152.53	1.83	0.07	1.00	0.00	2.41	149.26	1.67	0.16	1.00	0.00
2.42	147.98	1.61	0.19	1.00	0.00	2.43	145.96	1.53	0.25	1.00	0.00
2.44	145.83	1.52	0.26	1.00	0.00	2.45	144.83	1.48	0.29	1.00	0.00
2.46	145.15	1.49	0.28	1.00	0.00	2.47	145.99	1.52	0.26	1.00	0.00
2.48	146.83	1.55	0.23	1.00	0.00	2.49	148.87	1.64	0.18	1.00	0.00
2.50	148.74	1.63	0.18	1.00	0.00	2.51	150.02	1.69	0.15	1.00	0.00
2.52	150.68	1.72	0.13	1.00	0.00	2.53	150.09	1.69	0.15	1.00	0.00
2.54	148.21	1.60	0.20	1.00	0.00	2.55	143.10	1.40	0.35	1.00	0.00
2.56	142.97	1.40	0.36	1.00	0.00	2.57	140.59	1.32	0.44	1.00	0.00
2.58	138.32	1.25	0.52	1.00	0.01	2.59	137.67	1.23	0.55	1.00	0.01
2.60	135.67	1.18	0.63	1.00	0.01	2.61	134.26	1.14	0.70	1.00	0.01
2.62	133.54	1.13	0.73	1.00	0.01	2.63	133.42	1.12	0.74	1.00	0.01
2.64	134.06	1.14	0.71	1.00	0.01	2.65	133.94	1.13	0.72	1.00	0.01
2.66	136.32	1.19	0.62	1.00	0.01	2.67	138.45	1.25	0.53	1.00	0.01
2.68	142.23	1.36	0.40	1.00	0.00	2.69	142.11	1.35	0.41	1.00	0.00
2.70	142.96	1.38	0.38	1.00	0.00	2.71	146.58	1.51	0.27	1.00	0.00
2.72	148.26	1.58	0.22	1.00	0.00	2.73	146.50	1.50	0.27	1.00	0.00
2.74	146.37	1.50	0.28	1.00	0.00	2.75	144.67	1.43	0.33	1.00	0.00
2.76	145.12	1.45	0.32	1.00	0.00	2.77	144.19	1.41	0.35	1.00	0.00
2.78	145.66	1.47	0.30	1.00	0.00	2.79	147.17	1.52	0.26	1.00	0.00
2.80	148.50	1.58	0.22	1.00	0.00	2.81	148.37	1.57	0.22	1.00	0.00
2.82	147.53	1.53	0.25	1.00	0.00	2.83	148.02	1.55	0.24	1.00	0.00
2.84	147.62	1.53	0.25	1.00	0.00	2.85	147.05	1.51	0.27	1.00	0.00
2.86	149.88	1.63	0.18	1.00	0.00	2.87	149.75	1.62	0.19	1.00	0.00
2.88	152.85	1.77	0.11	1.00	0.00	2.89	156.02	1.94	0.02	1.00	0.00
2.90	155.96	1.93	0.03	1.00	0.00	2.91	158.72	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	158.60	2.00	0.00	1.00	0.00	2.93	161.01	2.00	0.00	1.00	0.00
2.94	160.33	2.00	0.00	1.00	0.00	2.95	159.94	2.00	0.00	1.00	0.00
2.96	159.59	2.00	0.00	1.00	0.00	2.97	156.51	1.96	0.02	1.00	0.00
2.98	156.39	1.95	0.02	1.00	0.00	2.99	155.18	1.88	0.05	1.00	0.00
3.00	155.12	1.87	0.05	1.00	0.00	3.01	154.94	1.86	0.06	1.00	0.00
3.02	154.72	1.85	0.07	1.00	0.00	3.03	150.11	1.62	0.19	1.00	0.00
3.04	149.99	1.61	0.20	1.00	0.00	3.05	146.05	1.45	0.31	1.00	0.00
3.06	143.20	1.35	0.41	1.00	0.00	3.07	136.61	1.16	0.67	1.00	0.01
3.08	130.33	1.02	1.01	1.00	0.01	3.09	130.23	1.02	1.02	1.00	0.01
3.10	122.10	0.88	1.82	1.00	0.02	3.11	122.88	0.89	1.71	1.00	0.02
3.12	123.77	0.90	1.60	1.00	0.02	3.13	123.73	0.90	1.61	1.00	0.02
3.14	123.63	0.90	1.63	1.00	0.02	3.15	122.94	0.89	1.72	1.00	0.02
3.16	124.30	0.91	1.55	1.00	0.02	3.17	125.75	0.93	1.40	1.00	0.01
3.18	126.46	0.94	1.33	1.00	0.01	3.19	129.98	1.00	1.05	1.00	0.01
3.20	129.88	1.00	1.06	1.00	0.01	3.21	131.32	1.03	0.97	1.00	0.01
3.22	131.90	1.04	0.93	1.00	0.01	3.23	134.57	1.10	0.79	1.00	0.01
3.24	134.86	1.10	0.77	1.00	0.01	3.25	134.48	1.09	0.79	1.00	0.01
3.26	134.38	1.09	0.80	1.00	0.01	3.27	135.34	1.11	0.75	1.00	0.01
3.28	138.27	1.19	0.62	1.00	0.01	3.29	139.39	1.22	0.57	1.00	0.01
3.30	143.78	1.35	0.41	1.00	0.00	3.31	143.68	1.34	0.41	1.00	0.00
3.32	145.57	1.41	0.35	1.00	0.00	3.33	144.36	1.36	0.39	1.00	0.00
3.34	143.97	1.35	0.41	1.00	0.00	3.35	140.61	1.25	0.53	1.00	0.01
3.36	138.78	1.19	0.61	1.00	0.01	3.37	136.49	1.13	0.71	1.00	0.01
3.38	136.39	1.13	0.72	1.00	0.01	3.39	134.83	1.09	0.79	1.00	0.01
3.40	134.06	1.08	0.84	1.00	0.01	3.41	130.63	1.00	1.05	1.00	0.01
3.42	127.64	0.95	1.28	1.00	0.01	3.43	123.76	0.88	1.71	1.00	0.02
3.44	123.66	0.88	1.73	1.00	0.02	3.45	123.45	0.88	1.76	1.00	0.02
3.46	122.49	0.86	1.91	1.00	0.02	3.47	126.06	0.92	1.45	1.00	0.01
3.48	129.98	0.99	1.11	1.00	0.01	3.49	136.60	1.13	0.72	1.00	0.01
3.50	136.50	1.13	0.72	1.00	0.01	3.51	138.72	1.18	0.62	1.00	0.01
3.52	141.49	1.26	0.51	1.00	0.01	3.53	140.28	1.22	0.56	1.00	0.01
3.54	137.76	1.16	0.67	1.00	0.01	3.55	137.66	1.15	0.67	1.00	0.01
3.56	137.56	1.15	0.68	1.00	0.01	3.57	135.51	1.10	0.78	1.00	0.01
3.58	134.97	1.09	0.81	1.00	0.01	3.59	136.19	1.11	0.75	1.00	0.01
3.60	138.80	1.18	0.63	1.00	0.01	3.61	138.70	1.18	0.63	1.00	0.01
3.62	140.41	1.22	0.56	1.00	0.01	3.63	144.24	1.34	0.42	1.00	0.00
3.64	144.14	1.34	0.42	1.00	0.00	3.65	140.82	1.23	0.55	1.00	0.01
3.66	140.72	1.23	0.55	1.00	0.01	3.67	138.26	1.16	0.66	1.00	0.01
3.68	133.68	1.05	0.89	1.00	0.01	3.69	128.57	0.95	1.25	1.00	0.01
3.70	127.35	0.93	1.37	1.00	0.01	3.71	123.36	0.87	1.85	1.00	0.02
3.72	123.27	0.86	1.87	1.00	0.02	3.73	121.53	0.84	2.18	1.00	0.02
3.74	122.01	0.85	2.09	1.00	0.02	3.75	123.88	0.87	1.79	1.00	0.02
3.76	125.82	0.90	1.54	1.00	0.02	3.77	131.64	1.01	1.03	1.00	0.01
3.78	131.54	1.00	1.04	1.00	0.01	3.79	133.71	1.05	0.90	1.00	0.01
3.80	134.88	1.07	0.84	1.00	0.01	3.81	135.51	1.09	0.80	1.00	0.01
3.82	134.53	1.07	0.86	1.00	0.01	3.83	135.20	1.08	0.82	1.00	0.01
3.84	135.11	1.08	0.83	1.00	0.01	3.85	136.56	1.11	0.75	1.00	0.01
3.86	136.18	1.10	0.77	1.00	0.01	3.87	138.00	1.15	0.68	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	140.42	1.21	0.58	1.00	0.01	3.89	145.99	1.39	0.37	1.00	0.00
3.90	145.89	1.38	0.37	1.00	0.00	3.91	149.55	1.52	0.26	1.00	0.00
3.92	161.06	2.00	0.00	1.00	0.00	3.93	165.85	2.00	0.00	1.00	0.00
3.94	174.51	2.00	0.00	1.00	0.00	3.95	174.41	2.00	0.00	1.00	0.00
3.96	179.95	2.00	0.00	1.00	0.00	3.97	183.38	2.00	0.00	1.00	0.00
3.98	193.28	2.00	0.00	1.00	0.00	3.99	198.80	2.00	0.00	1.00	0.00
4.00	203.30	2.00	0.00	1.00	0.00	4.01	203.19	2.00	0.00	1.00	0.00
4.02	205.34	2.00	0.00	1.00	0.00	4.03	209.04	2.00	0.00	1.00	0.00
4.04	209.37	2.00	0.00	1.00	0.00	4.05	213.84	2.00	0.00	1.00	0.00
4.06	213.73	2.00	0.00	1.00	0.00	4.07	217.16	2.00	0.00	1.00	0.00
4.08	207.71	2.00	0.00	1.00	0.00	4.09	207.60	2.00	0.00	1.00	0.00
4.10	210.81	2.00	0.00	1.00	0.00	4.11	206.17	2.00	0.00	1.00	0.00
4.12	204.29	2.00	0.00	1.00	0.00	4.13	199.21	2.00	0.00	1.00	0.00
4.14	199.11	2.00	0.00	1.00	0.00	4.15	196.05	2.00	0.00	1.00	0.00
4.16	197.28	2.00	0.00	1.00	0.00	4.17	197.42	2.00	0.00	1.00	0.00
4.18	197.67	2.00	0.00	1.00	0.00	4.19	205.19	2.00	0.00	1.00	0.00
4.20	205.08	2.00	0.00	1.00	0.00	4.21	210.79	2.00	0.00	1.00	0.00
4.22	212.47	2.00	0.00	1.00	0.00	4.23	213.87	2.00	0.00	1.00	0.00
4.24	211.82	2.00	0.00	1.00	0.00	4.25	207.14	2.00	0.00	1.00	0.00
4.26	207.04	2.00	0.00	1.00	0.00	4.27	205.69	2.00	0.00	1.00	0.00
4.28	198.17	2.00	0.00	1.00	0.00	4.29	192.89	2.00	0.00	1.00	0.00
4.30	187.44	2.00	0.00	1.00	0.00	4.31	187.34	2.00	0.00	1.00	0.00
4.32	186.60	2.00	0.00	1.00	0.00	4.33	184.96	2.00	0.00	1.00	0.00
4.34	184.06	2.00	0.00	1.00	0.00	4.35	182.01	2.00	0.00	1.00	0.00
4.36	181.61	2.00	0.00	1.00	0.00	4.37	177.44	2.00	0.00	1.00	0.00
4.38	177.34	2.00	0.00	1.00	0.00	4.39	173.97	2.00	0.00	1.00	0.00
4.40	170.17	2.00	0.00	1.00	0.00	4.41	169.01	2.00	0.00	1.00	0.00
4.42	162.88	2.00	0.00	1.00	0.00	4.43	162.79	2.00	0.00	1.00	0.00
4.44	158.52	1.95	0.02	1.00	0.00	4.45	152.79	1.64	0.18	1.00	0.00
4.46	150.34	1.53	0.25	1.00	0.00	4.47	146.18	1.37	0.39	1.00	0.00
4.48	146.09	1.37	0.39	1.00	0.00	4.49	143.95	1.29	0.47	1.00	0.00
4.50	139.74	1.17	0.64	1.00	0.01	4.51	131.88	0.99	1.08	1.00	0.01
4.52	130.40	0.96	1.20	1.00	0.01	4.53	125.78	0.88	1.69	1.00	0.02
4.54	125.70	0.88	1.70	1.00	0.02	4.55	122.74	0.83	2.21	1.00	0.02
4.56	122.05	0.82	2.37	1.00	0.02	4.57	120.00	0.79	2.66	1.00	0.03
4.58	119.48	0.78	2.67	1.00	0.03	4.59	119.02	0.78	2.68	1.00	0.03
4.60	118.94	0.78	2.68	1.00	0.03	4.61	117.32	0.75	2.72	1.00	0.03
4.62	117.02	0.75	2.73	1.00	0.03	4.63	118.05	0.76	2.70	1.00	0.03
4.64	117.70	0.76	2.71	1.00	0.03	4.65	117.62	0.76	2.71	1.00	0.03
4.66	116.28	0.74	2.75	1.00	0.03	4.67	116.37	0.74	2.74	1.00	0.03
4.68	116.57	0.74	2.74	1.00	0.03	4.69	117.33	0.75	2.72	1.00	0.03
4.70	117.25	0.75	2.72	1.00	0.03	4.71	118.44	0.77	2.69	1.00	0.03
4.72	118.47	0.77	2.69	1.00	0.03	4.73	120.27	0.79	2.65	1.00	0.03
4.74	122.26	0.82	2.40	1.00	0.02	4.75	122.02	0.81	2.47	1.00	0.02
4.76	121.94	0.81	2.49	1.00	0.02	4.77	120.18	0.79	2.65	1.00	0.03
4.78	116.27	0.74	2.75	1.00	0.03	4.79	114.71	0.72	2.79	1.00	0.03
4.80	110.62	0.68	2.89	1.00	0.03	4.81	110.54	0.67	2.90	1.00	0.03
4.82	110.30	0.67	2.90	1.00	0.03	4.83	111.61	0.68	2.87	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	116.04	0.73	2.75	1.00	0.03	4.85	119.73	0.78	2.66	1.00	0.03
4.86	124.09	0.84	2.05	1.00	0.02	4.87	124.01	0.84	2.07	1.00	0.02
4.88	123.17	0.82	2.24	1.00	0.02	4.89	126.83	0.88	1.64	1.00	0.02
4.90	140.63	1.18	0.62	1.00	0.01	4.91	150.41	1.52	0.26	1.00	0.00
4.92	171.55	2.00	0.00	1.00	0.00	4.93	171.46	2.00	0.00	1.00	0.00
4.94	179.04	2.00	0.00	1.00	0.00	4.95	193.12	2.00	0.00	1.00	0.00
4.96	200.36	2.00	0.00	1.00	0.00	4.97	212.76	2.00	0.00	1.00	0.00
4.98	212.66	2.00	0.00	1.00	0.00	4.99	220.32	2.00	0.00	1.00	0.00
5.00	224.49	2.00	0.00	1.00	0.00	5.01	226.96	2.00	0.00	1.00	0.00
5.02	226.86	2.00	0.00	1.00	0.00	5.03	224.92	2.00	0.00	1.00	0.00
5.04	227.52	2.00	0.00	1.00	0.00	5.05	222.78	2.00	0.00	1.00	0.00
5.06	222.69	2.00	0.00	1.00	0.00	5.07	223.26	2.00	0.00	1.00	0.00
5.08	228.76	2.00	0.00	1.00	0.00	5.09	228.24	2.00	0.00	1.00	0.00
5.10	229.95	2.00	0.00	1.00	0.00	5.11	227.53	2.00	0.00	1.00	0.00
5.12	228.10	2.00	0.00	1.00	0.00	5.13	226.83	2.00	0.00	1.00	0.00
5.14	226.73	2.00	0.00	1.00	0.00	5.15	223.83	2.00	0.00	1.00	0.00
5.16	225.78	2.00	0.00	1.00	0.00	5.17	222.32	2.00	0.00	1.00	0.00
5.18	220.72	2.00	0.00	1.00	0.00	5.19	211.41	2.00	0.00	1.00	0.00
5.20	211.32	2.00	0.00	1.00	0.00	5.21	203.52	2.00	0.00	1.00	0.00
5.22	191.53	2.00	0.00	1.00	0.00	5.23	185.83	2.00	0.00	1.00	0.00
5.24	172.63	2.00	0.00	1.00	0.00	5.25	172.54	2.00	0.00	1.00	0.00
5.26	167.32	2.00	0.00	1.00	0.00	5.27	159.50	1.98	0.01	1.00	0.00
5.28	147.44	1.39	0.37	1.00	0.00	5.29	143.31	1.25	0.52	1.00	0.01
5.30	134.18	1.01	1.00	1.00	0.01	5.31	134.10	1.01	1.01	1.00	0.01
5.32	130.37	0.93	1.31	1.00	0.01	5.33	127.57	0.88	1.61	1.00	0.02
5.34	123.43	0.82	2.31	1.00	0.02	5.35	123.35	0.82	2.33	1.00	0.02
5.36	120.35	0.77	2.65	1.00	0.03	5.37	120.28	0.77	2.65	1.00	0.03
5.38	117.71	0.74	2.71	1.00	0.03	5.39	117.80	0.74	2.71	1.00	0.03
5.40	117.35	0.74	2.72	1.00	0.03	5.41	116.31	0.72	2.75	1.00	0.03
5.42	117.46	0.74	2.72	1.00	0.03	5.43	117.39	0.74	2.72	1.00	0.03
5.44	119.92	0.77	2.66	1.00	0.03	5.45	121.48	0.79	2.62	1.00	0.03
5.46	125.00	0.84	2.02	1.00	0.02	5.47	127.96	0.89	1.58	1.00	0.02
5.48	130.66	0.93	1.30	1.00	0.01	5.49	130.59	0.93	1.31	1.00	0.01
5.50	132.18	0.96	1.17	1.00	0.01	5.51	137.42	1.08	0.82	1.00	0.01
5.52	141.24	1.18	0.63	1.00	0.01	5.53	145.40	1.31	0.45	1.00	0.00
5.54	145.32	1.30	0.46	1.00	0.00	5.55	144.84	1.29	0.47	1.00	0.00
5.56	139.66	1.13	0.70	1.00	0.01	5.57	130.82	0.93	1.29	1.00	0.01
5.58	126.95	0.87	1.73	1.00	0.02	5.59	116.10	0.72	2.75	1.00	0.03
5.60	116.03	0.72	2.75	1.00	0.03	5.61	112.79	0.68	2.84	1.00	0.03
5.62	106.65	0.62	3.01	1.00	0.03	5.63	102.50	0.59	3.13	1.00	0.03
5.64	98.04	0.56	3.28	1.00	0.03	5.65	97.98	0.56	3.28	1.00	0.03
5.66	96.37	0.55	3.34	1.00	0.03	5.67	93.34	0.53	3.45	1.00	0.03
5.68	93.63	0.53	3.43	1.00	0.03	5.69	92.38	0.52	3.48	1.00	0.03
5.70	92.73	0.53	3.47	1.00	0.03	5.71	92.59	0.52	3.47	1.00	0.03
5.72	95.62	0.54	3.36	1.00	0.03	5.73	96.43	0.55	3.33	1.00	0.03
5.74	97.98	0.56	3.28	1.00	0.03	5.75	97.48	0.55	3.30	1.00	0.03
5.76	99.80	0.57	3.22	1.00	0.03	5.77	101.66	0.58	3.16	1.00	0.03
5.78	102.47	0.59	3.13	1.00	0.03	5.79	106.89	0.62	3.00	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	106.83	0.62	3.00	1.00	0.03	5.81	107.93	0.63	2.97	1.00	0.03
5.82	115.41	0.71	2.77	1.00	0.03	5.83	120.42	0.77	2.65	1.00	0.03
5.84	129.99	0.91	1.40	1.00	0.01	5.85	129.92	0.91	1.41	1.00	0.01
5.86	135.97	1.03	0.93	1.00	0.01	5.87	139.71	1.12	0.72	1.00	0.01
5.88	146.47	1.33	0.43	1.00	0.00	5.89	149.61	1.45	0.31	1.00	0.00
5.90	151.49	1.53	0.25	1.00	0.00	5.91	151.42	1.52	0.25	1.00	0.00
5.92	153.64	1.63	0.18	1.00	0.00	5.93	154.17	1.65	0.17	1.00	0.00
5.94	152.04	1.55	0.24	1.00	0.00	5.95	151.78	1.54	0.24	1.00	0.00
5.96	151.70	1.54	0.25	1.00	0.00	5.97	150.57	1.49	0.28	1.00	0.00
5.98	148.50	1.40	0.35	1.00	0.00	5.99	149.42	1.44	0.32	1.00	0.00
6.00	148.34	1.40	0.36	1.00	0.00	6.01	148.27	1.39	0.36	1.00	0.00
6.02	146.34	1.32	0.43	1.00	0.00	6.03	144.50	1.26	0.51	1.00	0.01
6.04	142.36	1.19	0.60	1.00	0.01	6.05	140.26	1.13	0.70	1.00	0.01
6.06	140.19	1.13	0.70	1.00	0.01	6.07	139.67	1.12	0.73	1.00	0.01
6.08	139.60	1.12	0.73	1.00	0.01	6.09	136.98	1.05	0.88	1.00	0.01
6.10	137.15	1.06	0.87	1.00	0.01	6.11	139.73	1.12	0.73	1.00	0.01
6.12	137.79	1.07	0.83	1.00	0.01	6.13	135.67	1.02	0.96	1.00	0.01
6.14	135.60	1.02	0.97	1.00	0.01	6.15	135.99	1.03	0.94	1.00	0.01
6.16	132.51	0.95	1.19	1.00	0.01	6.17	130.77	0.92	1.35	1.00	0.01
6.18	129.72	0.90	1.46	1.00	0.01	6.19	126.13	0.84	1.94	1.00	0.02
6.20	126.06	0.84	1.96	1.00	0.02	6.21	125.49	0.83	2.06	1.00	0.02
6.22	122.04	0.78	2.61	1.00	0.03	6.23	119.45	0.75	2.67	1.00	0.03
6.24	116.86	0.72	2.73	1.00	0.03	6.25	116.80	0.72	2.73	1.00	0.03
6.26	115.96	0.71	2.75	1.00	0.03	6.27	113.67	0.68	2.81	1.00	0.03
6.28	109.42	0.64	2.93	1.00	0.03	6.29	106.28	0.61	3.02	1.00	0.03
6.30	99.88	0.57	3.22	1.00	0.03	6.31	99.82	0.56	3.22	1.00	0.03
6.32	97.91	0.55	3.28	1.00	0.03	6.33	92.36	0.52	3.48	1.00	0.03
6.34	92.60	0.52	3.47	1.00	0.03	6.35	91.10	0.51	3.53	1.00	0.04
6.36	95.91	0.54	3.35	1.00	0.03	6.37	96.54	0.54	3.33	1.00	0.03
6.38	98.95	0.56	3.25	1.00	0.03	6.39	101.90	0.58	3.15	1.00	0.03
6.40	101.14	0.57	3.18	1.00	0.03	6.41	103.84	0.59	3.09	1.00	0.03
6.42	101.96	0.58	3.15	1.00	0.03	6.43	104.16	0.60	3.08	1.00	0.03
6.44	102.88	0.59	3.12	1.00	0.03	6.45	100.50	0.57	3.20	1.00	0.03
6.46	101.15	0.57	3.18	1.00	0.03	6.47	99.25	0.56	3.24	1.00	0.03
6.48	99.64	0.56	3.22	1.00	0.03	6.49	98.24	0.55	3.27	1.00	0.03
6.50	97.73	0.55	3.29	1.00	0.03	6.51	98.05	0.55	3.28	1.00	0.03
6.52	96.28	0.54	3.34	1.00	0.03	6.53	98.37	0.55	3.27	1.00	0.03
6.54	94.51	0.53	3.40	1.00	0.03	6.55	92.63	0.52	3.47	1.00	0.03
6.56	91.20	0.51	3.53	1.00	0.04	6.57	89.06	0.50	3.61	1.00	0.04
6.58	89.13	0.50	3.61	1.00	0.04	6.59	88.88	0.50	3.62	1.00	0.04
6.60	87.38	0.49	3.68	1.00	0.04	6.61	85.39	0.48	3.76	1.00	0.04
6.62	81.28	0.46	3.95	1.00	0.04	6.63	76.37	0.44	4.19	1.00	0.04
6.64	72.45	0.42	4.41	1.00	0.04	6.65	70.19	0.41	4.54	1.00	0.05
6.66	69.36	0.41	4.59	1.00	0.05	6.67	70.55	0.41	4.52	1.00	0.05
6.68	73.77	0.43	4.33	1.00	0.04	6.69	78.85	0.45	4.07	1.00	0.04
6.70	77.80	0.44	4.12	1.00	0.04	6.71	75.78	0.44	4.22	1.00	0.04
6.72	75.12	0.43	4.26	1.00	0.04	6.73	75.36	0.43	4.24	1.00	0.04
6.74	75.40	0.43	4.24	1.00	0.04	6.75	80.09	0.45	4.00	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	81.75	0.46	3.93	1.00	0.04	6.77	85.20	0.48	3.77	1.00	0.04
6.78	86.22	0.48	3.73	1.00	0.04	6.79	89.85	0.50	3.58	1.00	0.04
6.80	87.35	0.49	3.68	1.00	0.04	6.81	89.90	0.50	3.58	1.00	0.04
6.82	88.36	0.49	3.64	1.00	0.04	6.83	88.26	0.49	3.64	1.00	0.04
6.84	86.21	0.48	3.73	1.00	0.04	6.85	86.30	0.48	3.72	1.00	0.04
6.86	86.21	0.48	3.73	1.00	0.04	6.87	85.77	0.48	3.75	1.00	0.04
6.88	85.79	0.48	3.75	1.00	0.04	6.89	85.56	0.48	3.76	1.00	0.04
6.90	88.58	0.49	3.63	1.00	0.04	6.91	89.91	0.50	3.58	1.00	0.04
6.92	92.87	0.52	3.46	1.00	0.03	6.93	93.44	0.52	3.44	1.00	0.03
6.94	94.60	0.53	3.40	1.00	0.03	6.95	94.73	0.53	3.39	1.00	0.03
6.96	95.77	0.53	3.36	1.00	0.03	6.97	97.46	0.54	3.30	1.00	0.03
6.98	95.01	0.53	3.38	1.00	0.03	6.99	96.62	0.54	3.33	1.00	0.03
7.00	92.21	0.51	3.49	1.00	0.03	7.01	90.93	0.50	3.54	1.00	0.04
7.02	88.19	0.49	3.65	1.00	0.04	7.03	83.92	0.47	3.83	1.00	0.04
7.04	81.97	0.46	3.92	1.00	0.04	7.05	79.45	0.45	4.04	1.00	0.04
7.06	78.71	0.45	4.07	1.00	0.04	7.07	74.93	0.43	4.27	1.00	0.04
7.08	76.01	0.43	4.21	1.00	0.04	7.09	73.43	0.42	4.35	1.00	0.04
7.10	78.90	0.45	4.06	1.00	0.04	7.11	76.21	0.43	4.20	1.00	0.04
7.12	82.34	0.46	3.90	1.00	0.04	7.13	81.45	0.46	3.94	1.00	0.04
7.14	83.44	0.47	3.85	1.00	0.04	7.15	79.20	0.45	4.05	1.00	0.04
7.16	79.80	0.45	4.02	1.00	0.04	7.17	77.06	0.44	4.16	1.00	0.04
7.18	78.65	0.44	4.07	1.00	0.04	7.19	77.24	0.44	4.15	1.00	0.04
7.20	77.11	0.44	4.15	1.00	0.04	7.21	77.22	0.44	4.15	1.00	0.04
7.22	18.55	2.00	0.00	1.00	0.00	7.23	16.42	2.00	0.00	1.00	0.00
7.24	12.08	2.00	0.00	1.00	0.00	7.25	12.08	2.00	0.00	1.00	0.00
7.26	10.57	2.00	0.00	1.00	0.00	7.27	9.67	2.00	0.00	1.00	0.00
7.28	10.11	2.00	0.00	1.00	0.00	7.29	11.44	2.00	0.00	1.00	0.00
7.30	15.62	2.00	0.00	1.00	0.00	7.31	15.62	2.00	0.00	1.00	0.00
7.32	18.09	2.00	0.00	1.00	0.00	7.33	20.15	2.00	0.00	1.00	0.00
7.34	20.80	2.00	0.00	1.00	0.00	7.35	21.83	2.00	0.00	1.00	0.00
7.36	22.85	2.00	0.00	1.00	0.00	7.37	85.10	0.47	3.78	1.00	0.04
7.38	84.16	0.47	3.82	1.00	0.04	7.39	86.69	0.48	3.71	1.00	0.04
7.40	90.50	0.50	3.55	1.00	0.04	7.41	118.98	0.73	2.68	1.00	0.03
7.42	109.22	0.63	2.93	1.00	0.03	7.43	103.58	0.58	3.10	1.00	0.03
7.44	103.80	0.59	3.09	1.00	0.03	7.45	104.96	0.59	3.06	1.00	0.03
7.46	109.07	0.63	2.94	1.00	0.03	7.47	90.49	0.50	3.55	1.00	0.04
7.48	25.58	2.00	0.00	1.00	0.00	7.49	5.60	2.00	0.00	1.00	0.00
7.50	5.60	2.00	0.00	1.00	0.00	7.51	5.76	2.00	0.00	1.00	0.00
7.52	6.87	2.00	0.00	1.00	0.00	7.53	5.82	2.00	0.00	1.00	0.00
7.54	5.04	2.00	0.00	1.00	0.00	7.55	4.58	2.00	0.00	1.00	0.00
7.56	4.58	2.00	0.00	1.00	0.00	7.57	4.69	2.00	0.00	1.00	0.00
7.58	5.13	2.00	0.00	1.00	0.00	7.59	5.29	2.00	0.00	1.00	0.00
7.60	6.00	2.00	0.00	1.00	0.00	7.61	6.66	2.00	0.00	1.00	0.00
7.62	6.39	2.00	0.00	1.00	0.00	7.63	6.38	2.00	0.00	1.00	0.00
7.64	6.38	2.00	0.00	1.00	0.00	7.65	6.21	2.00	0.00	1.00	0.00
7.66	5.60	2.00	0.00	1.00	0.00	7.67	5.32	2.00	0.00	1.00	0.00
7.68	5.10	2.00	0.00	1.00	0.00	7.69	5.10	2.00	0.00	1.00	0.00
7.70	5.04	2.00	0.00	1.00	0.00	7.71	5.20	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	5.30	2.00	0.00	1.00	0.00	7.73	5.46	2.00	0.00	1.00	0.00
7.74	6.01	2.00	0.00	1.00	0.00	7.75	6.01	2.00	0.00	1.00	0.00
7.76	6.38	2.00	0.00	1.00	0.00	7.77	6.44	2.00	0.00	1.00	0.00
7.78	6.82	2.00	0.00	1.00	0.00	7.79	6.98	2.00	0.00	1.00	0.00
7.80	7.08	2.00	0.00	1.00	0.00	7.81	7.08	2.00	0.00	1.00	0.00
7.82	7.08	2.00	0.00	1.00	0.00	7.83	6.91	2.00	0.00	1.00	0.00
7.84	7.07	2.00	0.00	1.00	0.00	7.85	6.96	2.00	0.00	1.00	0.00
7.86	7.00	2.00	0.00	1.00	0.00	7.87	7.12	2.00	0.00	1.00	0.00
7.88	7.11	2.00	0.00	1.00	0.00	7.89	7.32	2.00	0.00	1.00	0.00
7.90	7.31	2.00	0.00	1.00	0.00	7.91	7.37	2.00	0.00	1.00	0.00
7.92	7.73	2.00	0.00	1.00	0.00	7.93	7.73	2.00	0.00	1.00	0.00
7.94	7.73	2.00	0.00	1.00	0.00	7.95	7.84	2.00	0.00	1.00	0.00
7.96	7.83	2.00	0.00	1.00	0.00	7.97	7.61	2.00	0.00	1.00	0.00
7.98	7.71	2.00	0.00	1.00	0.00	7.99	7.70	2.00	0.00	1.00	0.00
8.00	7.59	2.00	0.00	1.00	0.00	8.01	7.53	2.00	0.00	1.00	0.00
8.02	7.53	2.00	0.00	1.00	0.00	8.03	7.52	2.00	0.00	1.00	0.00
8.04	7.63	2.00	0.00	1.00	0.00	8.05	7.41	2.00	0.00	1.00	0.00
8.06	7.83	2.00	0.00	1.00	0.00	8.07	8.15	2.00	0.00	1.00	0.00
8.08	8.20	2.00	0.00	1.00	0.00	8.09	8.20	2.00	0.00	1.00	0.00
8.10	8.36	2.00	0.00	1.00	0.00	8.11	8.56	2.00	0.00	1.00	0.00
8.12	8.45	2.00	0.00	1.00	0.00	8.13	8.44	2.00	0.00	1.00	0.00
8.14	8.18	2.00	0.00	1.00	0.00	8.15	8.22	2.00	0.00	1.00	0.00
8.16	8.21	2.00	0.00	1.00	0.00	8.17	8.32	2.00	0.00	1.00	0.00
8.18	8.16	2.00	0.00	1.00	0.00	8.19	8.26	2.00	0.00	1.00	0.00
8.20	8.31	2.00	0.00	1.00	0.00	8.21	8.30	2.00	0.00	1.00	0.00
8.22	8.50	2.00	0.00	1.00	0.00	8.23	8.50	2.00	0.00	1.00	0.00
8.24	8.61	2.00	0.00	1.00	0.00	8.25	8.81	2.00	0.00	1.00	0.00
8.26	8.60	2.00	0.00	1.00	0.00	8.27	8.59	2.00	0.00	1.00	0.00
8.28	8.85	2.00	0.00	1.00	0.00	8.29	8.84	2.00	0.00	1.00	0.00
8.30	8.94	2.00	0.00	1.00	0.00	8.31	8.99	2.00	0.00	1.00	0.00
8.32	8.89	2.00	0.00	1.00	0.00	8.33	8.93	2.00	0.00	1.00	0.00
8.34	9.14	2.00	0.00	1.00	0.00	8.35	9.13	2.00	0.00	1.00	0.00
8.36	9.13	2.00	0.00	1.00	0.00	8.37	9.12	2.00	0.00	1.00	0.00
8.38	9.06	2.00	0.00	1.00	0.00	8.39	9.17	2.00	0.00	1.00	0.00
8.40	9.36	2.00	0.00	1.00	0.00	8.41	9.30	2.00	0.00	1.00	0.00
8.42	9.15	2.00	0.00	1.00	0.00	8.43	9.15	2.00	0.00	1.00	0.00
8.44	9.14	2.00	0.00	1.00	0.00	8.45	9.28	2.00	0.00	1.00	0.00
8.46	9.49	2.00	0.00	1.00	0.00	8.47	9.43	2.00	0.00	1.00	0.00
8.48	9.64	2.00	0.00	1.00	0.00	8.49	9.63	2.00	0.00	1.00	0.00
8.50	9.78	2.00	0.00	1.00	0.00	8.51	9.68	2.00	0.00	1.00	0.00
8.52	9.67	2.00	0.00	1.00	0.00	8.53	9.61	2.00	0.00	1.00	0.00
8.54	9.50	2.00	0.00	1.00	0.00	8.55	9.50	2.00	0.00	1.00	0.00
8.56	9.59	2.00	0.00	1.00	0.00	8.57	9.53	2.00	0.00	1.00	0.00
8.58	9.74	2.00	0.00	1.00	0.00	8.59	9.73	2.00	0.00	1.00	0.00
8.60	9.73	2.00	0.00	1.00	0.00	8.61	9.93	2.00	0.00	1.00	0.00
8.62	9.93	2.00	0.00	1.00	0.00	8.63	9.87	2.00	0.00	1.00	0.00
8.64	9.86	2.00	0.00	1.00	0.00	8.65	9.85	2.00	0.00	1.00	0.00
8.66	9.69	2.00	0.00	1.00	0.00	8.67	10.00	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	9.99	2.00	0.00	1.00	0.00	8.69	10.24	2.00	0.00	1.00	0.00
8.70	10.34	2.00	0.00	1.00	0.00	8.71	10.44	2.00	0.00	1.00	0.00
8.72	10.28	2.00	0.00	1.00	0.00	8.73	10.27	2.00	0.00	1.00	0.00
8.74	10.58	2.00	0.00	1.00	0.00	8.75	10.57	2.00	0.00	1.00	0.00
8.76	10.51	2.00	0.00	1.00	0.00	8.77	10.81	2.00	0.00	1.00	0.00
8.78	10.96	2.00	0.00	1.00	0.00	8.79	11.01	2.00	0.00	1.00	0.00
8.80	11.01	2.00	0.00	1.00	0.00	8.81	11.00	2.00	0.00	1.00	0.00
8.82	10.94	2.00	0.00	1.00	0.00	8.83	11.03	2.00	0.00	1.00	0.00
8.84	10.87	2.00	0.00	1.00	0.00	8.85	10.77	2.00	0.00	1.00	0.00
8.86	10.86	2.00	0.00	1.00	0.00	8.87	10.91	2.00	0.00	1.00	0.00
8.88	10.90	2.00	0.00	1.00	0.00	8.89	10.80	2.00	0.00	1.00	0.00
8.90	10.89	2.00	0.00	1.00	0.00	8.91	10.78	2.00	0.00	1.00	0.00
8.92	10.63	2.00	0.00	1.00	0.00	8.93	10.56	2.00	0.00	1.00	0.00
8.94	10.56	2.00	0.00	1.00	0.00	8.95	10.25	2.00	0.00	1.00	0.00
8.96	10.03	2.00	0.00	1.00	0.00	8.97	10.03	2.00	0.00	1.00	0.00
8.98	9.92	2.00	0.00	1.00	0.00	8.99	10.12	2.00	0.00	1.00	0.00
9.00	10.12	2.00	0.00	1.00	0.00	9.01	10.36	2.00	0.00	1.00	0.00
9.02	10.51	2.00	0.00	1.00	0.00	9.03	10.76	2.00	0.00	1.00	0.00
9.04	10.90	2.00	0.00	1.00	0.00	9.05	11.25	2.00	0.00	1.00	0.00
9.06	10.85	2.00	0.00	1.00	0.00	9.07	10.84	2.00	0.00	1.00	0.00
9.08	11.58	2.00	0.00	1.00	0.00	9.09	11.98	2.00	0.00	1.00	0.00
9.10	11.83	2.00	0.00	1.00	0.00	9.11	11.37	2.00	0.00	1.00	0.00
9.12	11.16	2.00	0.00	1.00	0.00	9.13	10.70	2.00	0.00	1.00	0.00
9.14	10.69	2.00	0.00	1.00	0.00	9.15	10.49	2.00	0.00	1.00	0.00
9.16	10.07	2.00	0.00	1.00	0.00	9.17	9.36	2.00	0.00	1.00	0.00
9.18	9.21	2.00	0.00	1.00	0.00	9.19	8.61	2.00	0.00	1.00	0.00
9.20	8.60	2.00	0.00	1.00	0.00	9.21	8.24	2.00	0.00	1.00	0.00
9.22	8.08	2.00	0.00	1.00	0.00	9.23	7.72	2.00	0.00	1.00	0.00
9.24	7.28	2.00	0.00	1.00	0.00	9.25	7.31	2.00	0.00	1.00	0.00
9.26	7.31	2.00	0.00	1.00	0.00	9.27	7.31	2.00	0.00	1.00	0.00
9.28	7.15	2.00	0.00	1.00	0.00	9.29	7.26	2.00	0.00	1.00	0.00
9.30	7.14	2.00	0.00	1.00	0.00	9.31	7.04	2.00	0.00	1.00	0.00
9.32	6.84	2.00	0.00	1.00	0.00	9.33	6.83	2.00	0.00	1.00	0.00
9.34	6.79	2.00	0.00	1.00	0.00	9.35	6.63	2.00	0.00	1.00	0.00
9.36	6.53	2.00	0.00	1.00	0.00	9.37	6.32	2.00	0.00	1.00	0.00
9.38	6.32	2.00	0.00	1.00	0.00	9.39	6.26	2.00	0.00	1.00	0.00
9.40	6.41	2.00	0.00	1.00	0.00	9.41	6.56	2.00	0.00	1.00	0.00
9.42	6.65	2.00	0.00	1.00	0.00	9.43	6.70	2.00	0.00	1.00	0.00
9.44	6.94	2.00	0.00	1.00	0.00	9.45	6.94	2.00	0.00	1.00	0.00
9.46	7.09	2.00	0.00	1.00	0.00	9.47	7.34	2.00	0.00	1.00	0.00
9.48	7.83	2.00	0.00	1.00	0.00	9.49	7.97	2.00	0.00	1.00	0.00
9.50	8.12	2.00	0.00	1.00	0.00	9.51	8.11	2.00	0.00	1.00	0.00
9.52	8.35	2.00	0.00	1.00	0.00	9.53	8.55	2.00	0.00	1.00	0.00
9.54	8.60	2.00	0.00	1.00	0.00	9.55	9.08	2.00	0.00	1.00	0.00
9.56	9.08	2.00	0.00	1.00	0.00	9.57	9.43	2.00	0.00	1.00	0.00
9.58	9.81	2.00	0.00	1.00	0.00	9.59	10.25	2.00	0.00	1.00	0.00
9.60	11.13	2.00	0.00	1.00	0.00	9.61	11.12	2.00	0.00	1.00	0.00
9.62	11.37	2.00	0.00	1.00	0.00	9.63	11.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.04	2.00	0.00	1.00	0.00	9.65	12.28	2.00	0.00	1.00	0.00
9.66	12.27	2.00	0.00	1.00	0.00	9.67	12.36	2.00	0.00	1.00	0.00
9.68	12.65	2.00	0.00	1.00	0.00	9.69	12.59	2.00	0.00	1.00	0.00
9.70	12.34	2.00	0.00	1.00	0.00	9.71	11.80	2.00	0.00	1.00	0.00
9.72	11.79	2.00	0.00	1.00	0.00	9.73	11.69	2.00	0.00	1.00	0.00
9.74	11.19	2.00	0.00	1.00	0.00	9.75	10.80	2.00	0.00	1.00	0.00
9.76	10.59	2.00	0.00	1.00	0.00	9.77	10.59	2.00	0.00	1.00	0.00
9.78	10.34	2.00	0.00	1.00	0.00	9.79	9.89	2.00	0.00	1.00	0.00
9.80	10.04	2.00	0.00	1.00	0.00	9.81	10.08	2.00	0.00	1.00	0.00
9.82	10.08	2.00	0.00	1.00	0.00	9.83	10.02	2.00	0.00	1.00	0.00
9.84	10.12	2.00	0.00	1.00	0.00	9.85	10.11	2.00	0.00	1.00	0.00
9.86	9.96	2.00	0.00	1.00	0.00	9.87	9.52	2.00	0.00	1.00	0.00
9.88	9.51	2.00	0.00	1.00	0.00	9.89	9.46	2.00	0.00	1.00	0.00
9.90	9.16	2.00	0.00	1.00	0.00	9.91	8.82	2.00	0.00	1.00	0.00
9.92	8.67	2.00	0.00	1.00	0.00	9.93	8.23	2.00	0.00	1.00	0.00
9.94	8.22	2.00	0.00	1.00	0.00	9.95	8.07	2.00	0.00	1.00	0.00
9.96	8.02	2.00	0.00	1.00	0.00	9.97	7.63	2.00	0.00	1.00	0.00
9.98	7.42	2.00	0.00	1.00	0.00	9.99	7.14	2.00	0.00	1.00	0.00
10.00	7.14	2.00	0.00	1.00	0.00	10.01	7.13	2.00	0.00	1.00	0.00
10.02	6.98	2.00	0.00	1.00	0.00	10.03	6.93	2.00	0.00	1.00	0.00
10.04	6.92	2.00	0.00	1.00	0.00	10.05	6.95	2.00	0.00	1.00	0.00
10.06	6.95	2.00	0.00	1.00	0.00	10.07	6.98	2.00	0.00	1.00	0.00
10.08	7.00	2.00	0.00	1.00	0.00	10.09	7.20	2.00	0.00	1.00	0.00
10.10	7.00	2.00	0.00	1.00	0.00	10.11	6.90	2.00	0.00	1.00	0.00
10.12	6.66	2.00	0.00	1.00	0.00	10.13	6.66	2.00	0.00	1.00	0.00
10.14	6.60	2.00	0.00	1.00	0.00	10.15	6.51	2.00	0.00	1.00	0.00
10.16	6.40	2.00	0.00	1.00	0.00	10.17	6.45	2.00	0.00	1.00	0.00
10.18	6.39	2.00	0.00	1.00	0.00	10.19	6.39	2.00	0.00	1.00	0.00
10.20	6.35	2.00	0.00	1.00	0.00	10.21	6.39	2.00	0.00	1.00	0.00
10.22	6.38	2.00	0.00	1.00	0.00	10.23	6.67	2.00	0.00	1.00	0.00
10.24	6.66	2.00	0.00	1.00	0.00	10.25	6.81	2.00	0.00	1.00	0.00
10.26	6.95	2.00	0.00	1.00	0.00	10.27	7.52	2.00	0.00	1.00	0.00
10.28	7.90	2.00	0.00	1.00	0.00	10.29	8.52	2.00	0.00	1.00	0.00
10.30	8.51	2.00	0.00	1.00	0.00	10.31	8.75	2.00	0.00	1.00	0.00
10.32	8.98	2.00	0.00	1.00	0.00	10.33	8.97	2.00	0.00	1.00	0.00
10.34	8.93	2.00	0.00	1.00	0.00	10.35	9.11	2.00	0.00	1.00	0.00
10.36	9.11	2.00	0.00	1.00	0.00	10.37	9.44	2.00	0.00	1.00	0.00
10.38	9.48	2.00	0.00	1.00	0.00	10.39	9.29	2.00	0.00	1.00	0.00
10.40	9.23	2.00	0.00	1.00	0.00	10.41	9.04	2.00	0.00	1.00	0.00
10.42	9.04	2.00	0.00	1.00	0.00	10.43	8.79	2.00	0.00	1.00	0.00
10.44	8.41	2.00	0.00	1.00	0.00	10.45	8.35	2.00	0.00	1.00	0.00
10.46	8.22	2.00	0.00	1.00	0.00	10.47	8.21	2.00	0.00	1.00	0.00
10.48	8.07	2.00	0.00	1.00	0.00	10.49	7.87	2.00	0.00	1.00	0.00
10.50	7.49	2.00	0.00	1.00	0.00	10.51	7.20	2.00	0.00	1.00	0.00
10.52	6.91	2.00	0.00	1.00	0.00	10.53	6.91	2.00	0.00	1.00	0.00
10.54	6.91	2.00	0.00	1.00	0.00	10.55	6.76	2.00	0.00	1.00	0.00
10.56	6.67	2.00	0.00	1.00	0.00	10.57	6.47	2.00	0.00	1.00	0.00
10.58	6.42	2.00	0.00	1.00	0.00	10.59	6.37	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	6.37	2.00	0.00	1.00	0.00	10.61	6.32	2.00	0.00	1.00	0.00
10.62	6.17	2.00	0.00	1.00	0.00	10.63	6.08	2.00	0.00	1.00	0.00
10.64	6.02	2.00	0.00	1.00	0.00	10.65	5.98	2.00	0.00	1.00	0.00
10.66	5.98	2.00	0.00	1.00	0.00	10.67	5.98	2.00	0.00	1.00	0.00
10.68	5.73	2.00	0.00	1.00	0.00	10.69	5.64	2.00	0.00	1.00	0.00
10.70	5.54	2.00	0.00	1.00	0.00	10.71	5.54	2.00	0.00	1.00	0.00
10.72	5.44	2.00	0.00	1.00	0.00	10.73	5.20	2.00	0.00	1.00	0.00
10.74	5.06	2.00	0.00	1.00	0.00	10.75	4.97	2.00	0.00	1.00	0.00
10.76	4.73	2.00	0.00	1.00	0.00	10.77	4.73	2.00	0.00	1.00	0.00
10.78	4.63	2.00	0.00	1.00	0.00	10.79	4.63	2.00	0.00	1.00	0.00
10.80	4.34	2.00	0.00	1.00	0.00	10.81	4.25	2.00	0.00	1.00	0.00
10.82	4.16	2.00	0.00	1.00	0.00	10.83	4.16	2.00	0.00	1.00	0.00
10.84	4.21	2.00	0.00	1.00	0.00	10.85	4.15	2.00	0.00	1.00	0.00
10.86	4.29	2.00	0.00	1.00	0.00	10.87	4.43	2.00	0.00	1.00	0.00
10.88	4.61	2.00	0.00	1.00	0.00	10.89	4.61	2.00	0.00	1.00	0.00
10.90	4.61	2.00	0.00	1.00	0.00	10.91	4.65	2.00	0.00	1.00	0.00
10.92	4.79	2.00	0.00	1.00	0.00	10.93	4.79	2.00	0.00	1.00	0.00
10.94	4.79	2.00	0.00	1.00	0.00	10.95	4.79	2.00	0.00	1.00	0.00
10.96	4.87	2.00	0.00	1.00	0.00	10.97	5.20	2.00	0.00	1.00	0.00
10.98	5.48	2.00	0.00	1.00	0.00	10.99	5.85	2.00	0.00	1.00	0.00
11.00	5.84	2.00	0.00	1.00	0.00	11.01	5.98	2.00	0.00	1.00	0.00
11.02	6.21	2.00	0.00	1.00	0.00	11.03	6.29	2.00	0.00	1.00	0.00
11.04	6.20	2.00	0.00	1.00	0.00	11.05	6.26	2.00	0.00	1.00	0.00
11.06	6.26	2.00	0.00	1.00	0.00	11.07	6.33	2.00	0.00	1.00	0.00
11.08	6.33	2.00	0.00	1.00	0.00	11.09	6.42	2.00	0.00	1.00	0.00
11.10	6.33	2.00	0.00	1.00	0.00	11.11	6.18	2.00	0.00	1.00	0.00
11.12	6.18	2.00	0.00	1.00	0.00	11.13	6.32	2.00	0.00	1.00	0.00
11.14	6.32	2.00	0.00	1.00	0.00	11.15	6.36	2.00	0.00	1.00	0.00
11.16	6.54	2.00	0.00	1.00	0.00	11.17	6.59	2.00	0.00	1.00	0.00
11.18	6.63	2.00	0.00	1.00	0.00	11.19	6.63	2.00	0.00	1.00	0.00
11.20	6.72	2.00	0.00	1.00	0.00	11.21	6.85	2.00	0.00	1.00	0.00
11.22	7.16	2.00	0.00	1.00	0.00	11.23	7.35	2.00	0.00	1.00	0.00
11.24	7.81	2.00	0.00	1.00	0.00	11.25	7.81	2.00	0.00	1.00	0.00
11.26	7.89	2.00	0.00	1.00	0.00	11.27	8.03	2.00	0.00	1.00	0.00
11.28	8.30	2.00	0.00	1.00	0.00	11.29	8.47	2.00	0.00	1.00	0.00
11.30	8.52	2.00	0.00	1.00	0.00	11.31	8.52	2.00	0.00	1.00	0.00
11.32	8.56	2.00	0.00	1.00	0.00	11.33	8.56	2.00	0.00	1.00	0.00
11.34	8.46	2.00	0.00	1.00	0.00	11.35	8.41	2.00	0.00	1.00	0.00
11.36	8.41	2.00	0.00	1.00	0.00	11.37	8.22	2.00	0.00	1.00	0.00
11.38	8.21	2.00	0.00	1.00	0.00	11.39	8.02	2.00	0.00	1.00	0.00
11.40	7.89	2.00	0.00	1.00	0.00	11.41	7.65	2.00	0.00	1.00	0.00
11.42	7.65	2.00	0.00	1.00	0.00	11.43	7.56	2.00	0.00	1.00	0.00
11.44	7.42	2.00	0.00	1.00	0.00	11.45	7.42	2.00	0.00	1.00	0.00
11.46	7.23	2.00	0.00	1.00	0.00	11.47	7.22	2.00	0.00	1.00	0.00
11.48	7.13	2.00	0.00	1.00	0.00	11.49	7.22	2.00	0.00	1.00	0.00
11.50	7.08	2.00	0.00	1.00	0.00	11.51	7.07	2.00	0.00	1.00	0.00
11.52	6.98	2.00	0.00	1.00	0.00	11.53	6.98	2.00	0.00	1.00	0.00
11.54	6.93	2.00	0.00	1.00	0.00	11.55	6.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	7.11	2.00	0.00	1.00	0.00	11.57	7.15	2.00	0.00	1.00	0.00
11.58	7.19	2.00	0.00	1.00	0.00	11.59	7.18	2.00	0.00	1.00	0.00
11.60	7.45	2.00	0.00	1.00	0.00	11.61	7.55	2.00	0.00	1.00	0.00
11.62	7.50	2.00	0.00	1.00	0.00	11.63	7.85	2.00	0.00	1.00	0.00
11.64	7.85	2.00	0.00	1.00	0.00	11.65	7.98	2.00	0.00	1.00	0.00
11.66	7.93	2.00	0.00	1.00	0.00	11.67	7.93	2.00	0.00	1.00	0.00
11.68	8.06	2.00	0.00	1.00	0.00	11.69	8.05	2.00	0.00	1.00	0.00
11.70	8.23	2.00	0.00	1.00	0.00	11.71	8.28	2.00	0.00	1.00	0.00
11.72	8.59	2.00	0.00	1.00	0.00	11.73	8.68	2.00	0.00	1.00	0.00
11.74	8.90	2.00	0.00	1.00	0.00	11.75	8.89	2.00	0.00	1.00	0.00
11.76	9.06	2.00	0.00	1.00	0.00	11.77	9.16	2.00	0.00	1.00	0.00
11.78	9.10	2.00	0.00	1.00	0.00	11.79	9.19	2.00	0.00	1.00	0.00
11.80	9.18	2.00	0.00	1.00	0.00	11.81	9.31	2.00	0.00	1.00	0.00
11.82	9.36	2.00	0.00	1.00	0.00	11.83	9.31	2.00	0.00	1.00	0.00
11.84	9.35	2.00	0.00	1.00	0.00	11.85	9.13	2.00	0.00	1.00	0.00
11.86	9.12	2.00	0.00	1.00	0.00	11.87	9.12	2.00	0.00	1.00	0.00
11.88	8.66	2.00	0.00	1.00	0.00	11.89	8.52	2.00	0.00	1.00	0.00
11.90	8.52	2.00	0.00	1.00	0.00	11.91	8.52	2.00	0.00	1.00	0.00
11.92	8.47	2.00	0.00	1.00	0.00	11.93	8.37	2.00	0.00	1.00	0.00
11.94	8.10	2.00	0.00	1.00	0.00	11.95	7.88	2.00	0.00	1.00	0.00
11.96	7.87	2.00	0.00	1.00	0.00	11.97	7.92	2.00	0.00	1.00	0.00
11.98	7.73	2.00	0.00	1.00	0.00	11.99	7.73	2.00	0.00	1.00	0.00
12.00	7.77	2.00	0.00	1.00	0.00	12.01	7.59	2.00	0.00	1.00	0.00
12.02	7.59	2.00	0.00	1.00	0.00	12.03	7.54	2.00	0.00	1.00	0.00
12.04	7.54	2.00	0.00	1.00	0.00	12.05	7.58	2.00	0.00	1.00	0.00
12.06	7.09	2.00	0.00	1.00	0.00	12.07	7.08	2.00	0.00	1.00	0.00
12.08	7.66	2.00	0.00	1.00	0.00	12.09	7.61	2.00	0.00	1.00	0.00
12.10	7.61	2.00	0.00	1.00	0.00	12.11	7.60	2.00	0.00	1.00	0.00
12.12	7.69	2.00	0.00	1.00	0.00	12.13	7.77	2.00	0.00	1.00	0.00
12.14	7.59	2.00	0.00	1.00	0.00	12.15	7.46	2.00	0.00	1.00	0.00
12.16	7.50	2.00	0.00	1.00	0.00	12.17	7.50	2.00	0.00	1.00	0.00
12.18	7.53	2.00	0.00	1.00	0.00	12.19	7.36	2.00	0.00	1.00	0.00
12.20	7.57	2.00	0.00	1.00	0.00	12.21	7.70	2.00	0.00	1.00	0.00
12.22	7.57	2.00	0.00	1.00	0.00	12.23	7.57	2.00	0.00	1.00	0.00
12.24	7.61	2.00	0.00	1.00	0.00	12.25	7.82	2.00	0.00	1.00	0.00
12.26	7.82	2.00	0.00	1.00	0.00	12.27	7.77	2.00	0.00	1.00	0.00
12.28	7.77	2.00	0.00	1.00	0.00	12.29	7.76	2.00	0.00	1.00	0.00
12.30	7.85	2.00	0.00	1.00	0.00	12.31	7.76	2.00	0.00	1.00	0.00
12.32	7.67	2.00	0.00	1.00	0.00	12.33	7.67	2.00	0.00	1.00	0.00
12.34	7.70	2.00	0.00	1.00	0.00	12.35	7.57	2.00	0.00	1.00	0.00
12.36	7.52	2.00	0.00	1.00	0.00	12.37	7.47	2.00	0.00	1.00	0.00
12.38	7.25	2.00	0.00	1.00	0.00	12.39	7.25	2.00	0.00	1.00	0.00
12.40	7.16	2.00	0.00	1.00	0.00	12.41	7.20	2.00	0.00	1.00	0.00
12.42	7.42	2.00	0.00	1.00	0.00	12.43	7.50	2.00	0.00	1.00	0.00
12.44	7.58	2.00	0.00	1.00	0.00	12.45	7.58	2.00	0.00	1.00	0.00
12.46	7.62	2.00	0.00	1.00	0.00	12.47	7.88	2.00	0.00	1.00	0.00
12.48	7.92	2.00	0.00	1.00	0.00	12.49	7.83	2.00	0.00	1.00	0.00
12.50	7.83	2.00	0.00	1.00	0.00	12.51	7.74	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	7.64	2.00	0.00	1.00	0.00	12.53	7.73	2.00	0.00	1.00	0.00
12.54	7.95	2.00	0.00	1.00	0.00	12.55	8.12	2.00	0.00	1.00	0.00
12.56	8.12	2.00	0.00	1.00	0.00	12.57	8.07	2.00	0.00	1.00	0.00
12.58	7.89	2.00	0.00	1.00	0.00	12.59	7.85	2.00	0.00	1.00	0.00
12.60	8.24	2.00	0.00	1.00	0.00	12.61	8.23	2.00	0.00	1.00	0.00
12.62	8.31	2.00	0.00	1.00	0.00	12.63	8.05	2.00	0.00	1.00	0.00
12.64	7.91	2.00	0.00	1.00	0.00	12.65	7.83	2.00	0.00	1.00	0.00
12.66	7.82	2.00	0.00	1.00	0.00	12.67	7.86	2.00	0.00	1.00	0.00
12.68	7.82	2.00	0.00	1.00	0.00	12.69	7.68	2.00	0.00	1.00	0.00
12.70	7.81	2.00	0.00	1.00	0.00	12.71	7.81	2.00	0.00	1.00	0.00
12.72	7.71	2.00	0.00	1.00	0.00	12.73	7.49	2.00	0.00	1.00	0.00
12.74	7.49	2.00	0.00	1.00	0.00	12.75	7.49	2.00	0.00	1.00	0.00
12.76	7.49	2.00	0.00	1.00	0.00	12.77	7.44	2.00	0.00	1.00	0.00
12.78	7.40	2.00	0.00	1.00	0.00	12.79	7.18	2.00	0.00	1.00	0.00
12.80	7.18	2.00	0.00	1.00	0.00	12.81	6.78	2.00	0.00	1.00	0.00
12.82	6.78	2.00	0.00	1.00	0.00	12.83	6.60	2.00	0.00	1.00	0.00
12.84	6.68	2.00	0.00	1.00	0.00	12.85	6.73	2.00	0.00	1.00	0.00
12.86	6.51	2.00	0.00	1.00	0.00	12.87	6.51	2.00	0.00	1.00	0.00
12.88	6.51	2.00	0.00	1.00	0.00	12.89	6.50	2.00	0.00	1.00	0.00
12.90	6.33	2.00	0.00	1.00	0.00	12.91	6.29	2.00	0.00	1.00	0.00
12.92	6.16	2.00	0.00	1.00	0.00	12.93	6.15	2.00	0.00	1.00	0.00
12.94	5.98	2.00	0.00	1.00	0.00	12.95	5.63	2.00	0.00	1.00	0.00
12.96	5.63	2.00	0.00	1.00	0.00	12.97	5.45	2.00	0.00	1.00	0.00
12.98	5.45	2.00	0.00	1.00	0.00	12.99	5.32	2.00	0.00	1.00	0.00
13.00	5.03	2.00	0.00	1.00	0.00	13.01	4.85	2.00	0.00	1.00	0.00
13.02	4.46	2.00	0.00	1.00	0.00	13.03	4.46	2.00	0.00	1.00	0.00
13.04	4.33	2.00	0.00	1.00	0.00	13.05	4.16	2.00	0.00	1.00	0.00
13.06	4.16	2.00	0.00	1.00	0.00	13.07	4.21	2.00	0.00	1.00	0.00
13.08	4.24	2.00	0.00	1.00	0.00	13.09	4.37	2.00	0.00	1.00	0.00
13.10	4.37	2.00	0.00	1.00	0.00	13.11	4.36	2.00	0.00	1.00	0.00
13.12	4.36	2.00	0.00	1.00	0.00	13.13	4.41	2.00	0.00	1.00	0.00
13.14	4.53	2.00	0.00	1.00	0.00	13.15	4.91	2.00	0.00	1.00	0.00
13.16	4.90	2.00	0.00	1.00	0.00	13.17	5.03	2.00	0.00	1.00	0.00
13.18	5.50	2.00	0.00	1.00	0.00	13.19	5.71	2.00	0.00	1.00	0.00
13.20	5.75	2.00	0.00	1.00	0.00	13.21	5.74	2.00	0.00	1.00	0.00
13.22	5.74	2.00	0.00	1.00	0.00	13.23	5.61	2.00	0.00	1.00	0.00
13.24	5.49	2.00	0.00	1.00	0.00	13.25	5.57	2.00	0.00	1.00	0.00
13.26	5.53	2.00	0.00	1.00	0.00	13.27	5.52	2.00	0.00	1.00	0.00
13.28	5.44	2.00	0.00	1.00	0.00	13.29	5.48	2.00	0.00	1.00	0.00
13.30	5.56	2.00	0.00	1.00	0.00	13.31	5.52	2.00	0.00	1.00	0.00
13.32	5.51	2.00	0.00	1.00	0.00	13.33	5.59	2.00	0.00	1.00	0.00
13.34	5.76	2.00	0.00	1.00	0.00	13.35	5.81	2.00	0.00	1.00	0.00
13.36	5.93	2.00	0.00	1.00	0.00	13.37	5.93	2.00	0.00	1.00	0.00
13.38	6.06	2.00	0.00	1.00	0.00	13.39	6.31	2.00	0.00	1.00	0.00
13.40	6.34	2.00	0.00	1.00	0.00	13.41	6.26	2.00	0.00	1.00	0.00
13.42	6.26	2.00	0.00	1.00	0.00	13.43	6.21	2.00	0.00	1.00	0.00
13.44	6.25	2.00	0.00	1.00	0.00	13.45	6.33	2.00	0.00	1.00	0.00
13.46	6.66	2.00	0.00	1.00	0.00	13.47	6.66	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	6.88	2.00	0.00	1.00	0.00	13.49	7.04	2.00	0.00	1.00	0.00
13.50	7.08	2.00	0.00	1.00	0.00	13.51	7.25	2.00	0.00	1.00	0.00
13.52	7.20	2.00	0.00	1.00	0.00	13.53	7.20	2.00	0.00	1.00	0.00
13.54	7.36	2.00	0.00	1.00	0.00	13.55	7.45	2.00	0.00	1.00	0.00
13.56	7.44	2.00	0.00	1.00	0.00	13.57	7.23	2.00	0.00	1.00	0.00
13.58	7.23	2.00	0.00	1.00	0.00	13.59	7.47	2.00	0.00	1.00	0.00
13.60	7.23	2.00	0.00	1.00	0.00	13.61	7.10	2.00	0.00	1.00	0.00
13.62	7.05	2.00	0.00	1.00	0.00	13.63	7.05	2.00	0.00	1.00	0.00
13.64	6.75	2.00	0.00	1.00	0.00	13.65	6.74	2.00	0.00	1.00	0.00
13.66	6.62	2.00	0.00	1.00	0.00	13.67	6.41	2.00	0.00	1.00	0.00
13.68	6.40	2.00	0.00	1.00	0.00	13.69	6.45	2.00	0.00	1.00	0.00
13.70	6.57	2.00	0.00	1.00	0.00	13.71	6.77	2.00	0.00	1.00	0.00
13.72	7.07	2.00	0.00	1.00	0.00	13.73	7.06	2.00	0.00	1.00	0.00
13.74	7.06	2.00	0.00	1.00	0.00	13.75	7.01	2.00	0.00	1.00	0.00
13.76	7.09	2.00	0.00	1.00	0.00	13.77	7.09	2.00	0.00	1.00	0.00
13.78	7.29	2.00	0.00	1.00	0.00	13.79	7.29	2.00	0.00	1.00	0.00
13.80	7.33	2.00	0.00	1.00	0.00	13.81	7.33	2.00	0.00	1.00	0.00
13.82	7.95	2.00	0.00	1.00	0.00	13.83	8.00	2.00	0.00	1.00	0.00
13.84	8.11	2.00	0.00	1.00	0.00	13.85	8.11	2.00	0.00	1.00	0.00
13.86	8.23	2.00	0.00	1.00	0.00	13.87	8.40	2.00	0.00	1.00	0.00
13.88	8.39	2.00	0.00	1.00	0.00	13.89	8.39	2.00	0.00	1.00	0.00
13.90	8.39	2.00	0.00	1.00	0.00	13.91	8.63	2.00	0.00	1.00	0.00
13.92	9.09	2.00	0.00	1.00	0.00	13.93	9.04	2.00	0.00	1.00	0.00
13.94	8.87	2.00	0.00	1.00	0.00	13.95	8.87	2.00	0.00	1.00	0.00
13.96	8.70	2.00	0.00	1.00	0.00	13.97	8.66	2.00	0.00	1.00	0.00
13.98	8.78	2.00	0.00	1.00	0.00	13.99	8.48	2.00	0.00	1.00	0.00
14.00	8.48	2.00	0.00	1.00	0.00	14.01	8.35	2.00	0.00	1.00	0.00
14.02	8.14	2.00	0.00	1.00	0.00	14.03	8.22	2.00	0.00	1.00	0.00
14.04	8.05	2.00	0.00	1.00	0.00	14.05	8.05	2.00	0.00	1.00	0.00
14.06	7.82	2.00	0.00	1.00	0.00	14.07	7.82	2.00	0.00	1.00	0.00
14.08	7.63	2.00	0.00	1.00	0.00	14.09	7.75	2.00	0.00	1.00	0.00
14.10	7.79	2.00	0.00	1.00	0.00	14.11	7.79	2.00	0.00	1.00	0.00
14.12	7.66	2.00	0.00	1.00	0.00	14.13	7.41	2.00	0.00	1.00	0.00
14.14	7.24	2.00	0.00	1.00	0.00	14.15	7.03	2.00	0.00	1.00	0.00
14.16	7.03	2.00	0.00	1.00	0.00	14.17	7.07	2.00	0.00	1.00	0.00
14.18	7.15	2.00	0.00	1.00	0.00	14.19	6.82	2.00	0.00	1.00	0.00
14.20	6.73	2.00	0.00	1.00	0.00	14.21	6.52	2.00	0.00	1.00	0.00
14.22	6.52	2.00	0.00	1.00	0.00	14.23	6.44	2.00	0.00	1.00	0.00
14.24	6.47	2.00	0.00	1.00	0.00	14.25	6.43	2.00	0.00	1.00	0.00
14.26	6.22	2.00	0.00	1.00	0.00	14.27	6.22	2.00	0.00	1.00	0.00
14.28	6.18	2.00	0.00	1.00	0.00	14.29	6.43	2.00	0.00	1.00	0.00
14.30	6.67	2.00	0.00	1.00	0.00	14.31	6.54	2.00	0.00	1.00	0.00
14.32	6.54	2.00	0.00	1.00	0.00	14.33	6.45	2.00	0.00	1.00	0.00
14.34	6.62	2.00	0.00	1.00	0.00	14.35	6.49	2.00	0.00	1.00	0.00
14.36	6.24	2.00	0.00	1.00	0.00	14.37	6.24	2.00	0.00	1.00	0.00
14.38	6.12	2.00	0.00	1.00	0.00	14.39	5.50	2.00	0.00	1.00	0.00
14.40	5.22	2.00	0.00	1.00	0.00	14.41	4.85	2.00	0.00	1.00	0.00
14.42	4.85	2.00	0.00	1.00	0.00	14.43	4.68	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	4.48	2.00	0.00	1.00	0.00	14.45	4.52	2.00	0.00	1.00	0.00
14.46	4.84	2.00	0.00	1.00	0.00	14.47	4.84	2.00	0.00	1.00	0.00
14.48	4.88	2.00	0.00	1.00	0.00	14.49	5.08	2.00	0.00	1.00	0.00
14.50	5.44	2.00	0.00	1.00	0.00	14.51	5.48	2.00	0.00	1.00	0.00
14.52	5.72	2.00	0.00	1.00	0.00	14.53	5.72	2.00	0.00	1.00	0.00
14.54	6.08	2.00	0.00	1.00	0.00	14.55	6.16	2.00	0.00	1.00	0.00
14.56	6.36	2.00	0.00	1.00	0.00	14.57	6.36	2.00	0.00	1.00	0.00
14.58	6.32	2.00	0.00	1.00	0.00	14.59	6.24	2.00	0.00	1.00	0.00
14.60	6.19	2.00	0.00	1.00	0.00	14.61	6.23	2.00	0.00	1.00	0.00
14.62	6.31	2.00	0.00	1.00	0.00	14.63	6.31	2.00	0.00	1.00	0.00
14.64	6.50	2.00	0.00	1.00	0.00	14.65	6.71	2.00	0.00	1.00	0.00
14.66	6.66	2.00	0.00	1.00	0.00	14.67	6.90	2.00	0.00	1.00	0.00
14.68	6.90	2.00	0.00	1.00	0.00	14.69	7.14	2.00	0.00	1.00	0.00
14.70	7.46	2.00	0.00	1.00	0.00	14.71	7.62	2.00	0.00	1.00	0.00
14.72	7.62	2.00	0.00	1.00	0.00	14.73	7.62	2.00	0.00	1.00	0.00
14.74	7.69	2.00	0.00	1.00	0.00	14.75	7.93	2.00	0.00	1.00	0.00
14.76	8.01	2.00	0.00	1.00	0.00	14.77	7.73	2.00	0.00	1.00	0.00
14.78	7.72	2.00	0.00	1.00	0.00	14.79	7.51	2.00	0.00	1.00	0.00
14.80	7.48	2.00	0.00	1.00	0.00	14.81	7.15	2.00	0.00	1.00	0.00
14.82	7.07	2.00	0.00	1.00	0.00	14.83	6.82	2.00	0.00	1.00	0.00
14.84	6.82	2.00	0.00	1.00	0.00	14.85	6.69	2.00	0.00	1.00	0.00
14.86	6.61	2.00	0.00	1.00	0.00	14.87	6.61	2.00	0.00	1.00	0.00
14.88	6.53	2.00	0.00	1.00	0.00	14.89	6.53	2.00	0.00	1.00	0.00
14.90	6.36	2.00	0.00	1.00	0.00	14.91	6.28	2.00	0.00	1.00	0.00
14.92	6.28	2.00	0.00	1.00	0.00	14.93	6.12	2.00	0.00	1.00	0.00
14.94	6.11	2.00	0.00	1.00	0.00	14.95	5.99	2.00	0.00	1.00	0.00
14.96	5.84	2.00	0.00	1.00	0.00	14.97	5.67	2.00	0.00	1.00	0.00
14.98	5.75	2.00	0.00	1.00	0.00	14.99	5.74	2.00	0.00	1.00	0.00
15.00	5.78	2.00	0.00	1.00	0.00	15.01	5.71	2.00	0.00	1.00	0.00
15.02	5.62	2.00	0.00	1.00	0.00	15.03	5.54	2.00	0.00	1.00	0.00
15.04	5.54	2.00	0.00	1.00	0.00	15.05	5.49	2.00	0.00	1.00	0.00
15.06	4.93	2.00	0.00	1.00	0.00	15.07	4.93	2.00	0.00	1.00	0.00
15.08	5.89	2.00	0.00	1.00	0.00	15.09	6.01	2.00	0.00	1.00	0.00
15.10	6.08	2.00	0.00	1.00	0.00	15.11	6.04	2.00	0.00	1.00	0.00
15.12	5.96	2.00	0.00	1.00	0.00	15.13	5.92	2.00	0.00	1.00	0.00
15.14	5.95	2.00	0.00	1.00	0.00	15.15	5.95	2.00	0.00	1.00	0.00
15.16	6.11	2.00	0.00	1.00	0.00	15.17	6.23	2.00	0.00	1.00	0.00
15.18	6.23	2.00	0.00	1.00	0.00	15.19	6.34	2.00	0.00	1.00	0.00
15.20	6.34	2.00	0.00	1.00	0.00	15.21	6.41	2.00	0.00	1.00	0.00
15.22	6.61	2.00	0.00	1.00	0.00	15.23	6.77	2.00	0.00	1.00	0.00
15.24	6.88	2.00	0.00	1.00	0.00	15.25	6.88	2.00	0.00	1.00	0.00
15.26	6.88	2.00	0.00	1.00	0.00	15.27	7.03	2.00	0.00	1.00	0.00
15.28	7.23	2.00	0.00	1.00	0.00	15.29	7.43	2.00	0.00	1.00	0.00
15.30	7.42	2.00	0.00	1.00	0.00	15.31	7.50	2.00	0.00	1.00	0.00
15.32	7.54	2.00	0.00	1.00	0.00	15.33	7.58	2.00	0.00	1.00	0.00
15.34	7.73	2.00	0.00	1.00	0.00	15.35	7.72	2.00	0.00	1.00	0.00
15.36	7.80	2.00	0.00	1.00	0.00	15.37	7.80	2.00	0.00	1.00	0.00
15.38	7.79	2.00	0.00	1.00	0.00	15.39	7.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

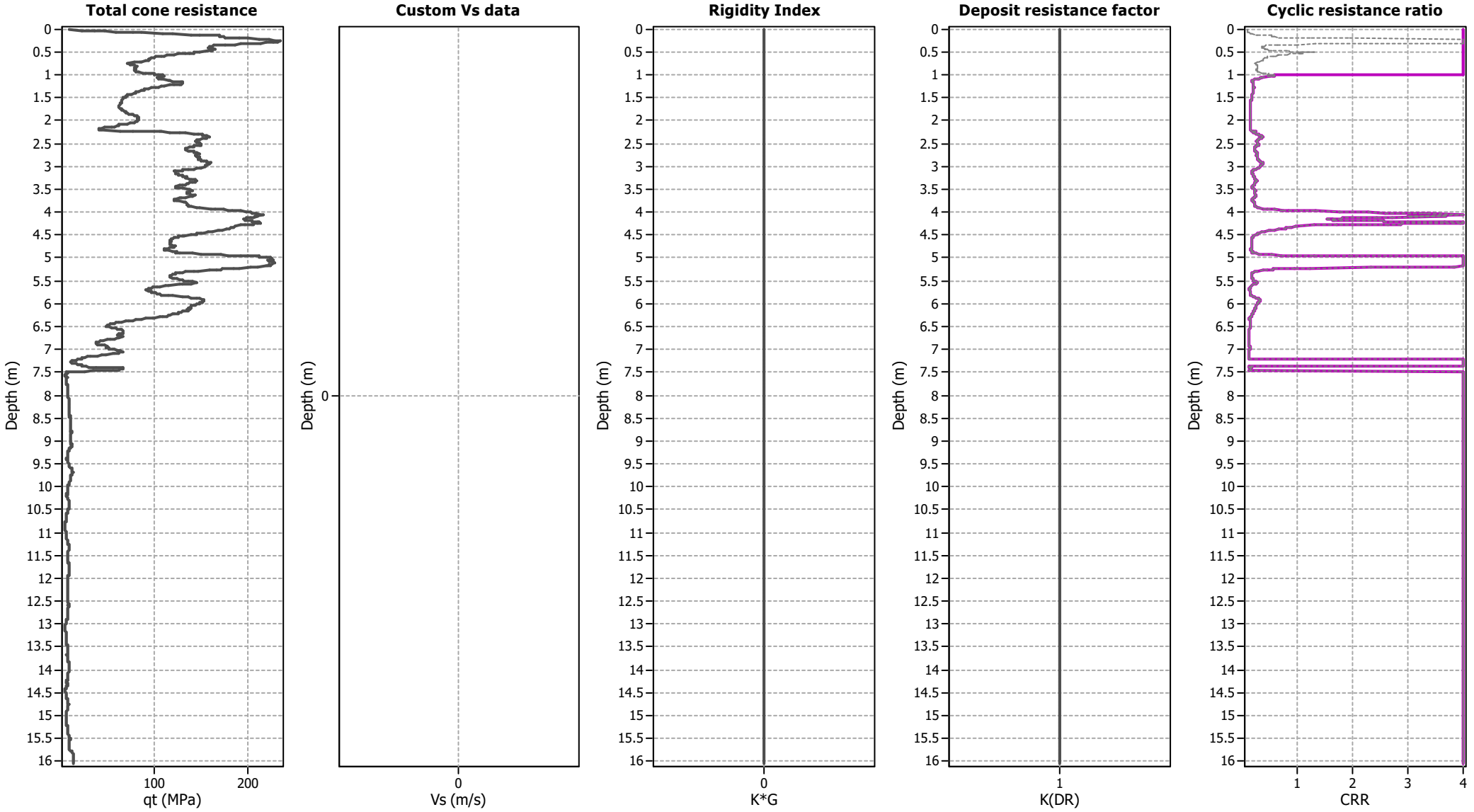
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	7.87	2.00	0.00	1.00	0.00	15.41	7.95	2.00	0.00	1.00	0.00
15.42	8.26	2.00	0.00	1.00	0.00	15.43	8.45	2.00	0.00	1.00	0.00
15.44	8.61	2.00	0.00	1.00	0.00	15.45	8.60	2.00	0.00	1.00	0.00
15.46	8.72	2.00	0.00	1.00	0.00	15.47	9.12	2.00	0.00	1.00	0.00
15.48	9.31	2.00	0.00	1.00	0.00	15.49	9.86	2.00	0.00	1.00	0.00
15.50	9.85	2.00	0.00	1.00	0.00	15.51	10.09	2.00	0.00	1.00	0.00
15.52	9.89	2.00	0.00	1.00	0.00	15.53	9.72	2.00	0.00	1.00	0.00
15.54	9.41	2.00	0.00	1.00	0.00	15.55	9.40	2.00	0.00	1.00	0.00
15.56	9.36	2.00	0.00	1.00	0.00	15.57	9.19	2.00	0.00	1.00	0.00
15.58	9.19	2.00	0.00	1.00	0.00	15.59	9.11	2.00	0.00	1.00	0.00
15.60	9.11	2.00	0.00	1.00	0.00	15.61	9.18	2.00	0.00	1.00	0.00
15.62	9.14	2.00	0.00	1.00	0.00	15.63	9.10	2.00	0.00	1.00	0.00
15.64	8.86	2.00	0.00	1.00	0.00	15.65	8.85	2.00	0.00	1.00	0.00
15.66	8.78	2.00	0.00	1.00	0.00	15.67	8.49	2.00	0.00	1.00	0.00
15.68	8.42	2.00	0.00	1.00	0.00	15.69	8.29	2.00	0.00	1.00	0.00
15.70	8.29	2.00	0.00	1.00	0.00	15.71	8.41	2.00	0.00	1.00	0.00
15.72	8.45	2.00	0.00	1.00	0.00	15.73	8.75	2.00	0.00	1.00	0.00
15.74	9.37	2.00	0.00	1.00	0.00	15.75	9.37	2.00	0.00	1.00	0.00
15.76	9.60	2.00	0.00	1.00	0.00	15.77	10.35	2.00	0.00	1.00	0.00
15.78	11.01	2.00	0.00	1.00	0.00	15.79	11.87	2.00	0.00	1.00	0.00
15.80	11.87	2.00	0.00	1.00	0.00	15.81	12.22	2.00	0.00	1.00	0.00
15.82	12.64	2.00	0.00	1.00	0.00	15.83	12.72	2.00	0.00	1.00	0.00
15.84	13.35	2.00	0.00	1.00	0.00	15.85	13.34	2.00	0.00	1.00	0.00
15.86	13.45	2.00	0.00	1.00	0.00	15.87	13.37	2.00	0.00	1.00	0.00
15.88	13.17	2.00	0.00	1.00	0.00	15.89	12.89	2.00	0.00	1.00	0.00
15.90	12.89	2.00	0.00	1.00	0.00	15.91	12.72	2.00	0.00	1.00	0.00
15.92	13.00	2.00	0.00	1.00	0.00	15.93	13.07	2.00	0.00	1.00	0.00
15.94	12.71	2.00	0.00	1.00	0.00	15.95	12.70	2.00	0.00	1.00	0.00
15.96	13.25	2.00	0.00	1.00	0.00	15.97	13.40	2.00	0.00	1.00	0.00
15.98	13.47	2.00	0.00	1.00	0.00	15.99	13.47	2.00	0.00	1.00	0.00
16.00	13.42	2.00	0.00	1.00	0.00	16.01	13.38	2.00	0.00	1.00	0.00
16.02	13.26	2.00	0.00	1.00	0.00	16.03	13.21	2.00	0.00	1.00	0.00
16.04	13.28	2.00	0.00	1.00	0.00	16.05	13.28	2.00	0.00	1.00	0.00

Total estimated settlement: 9.93

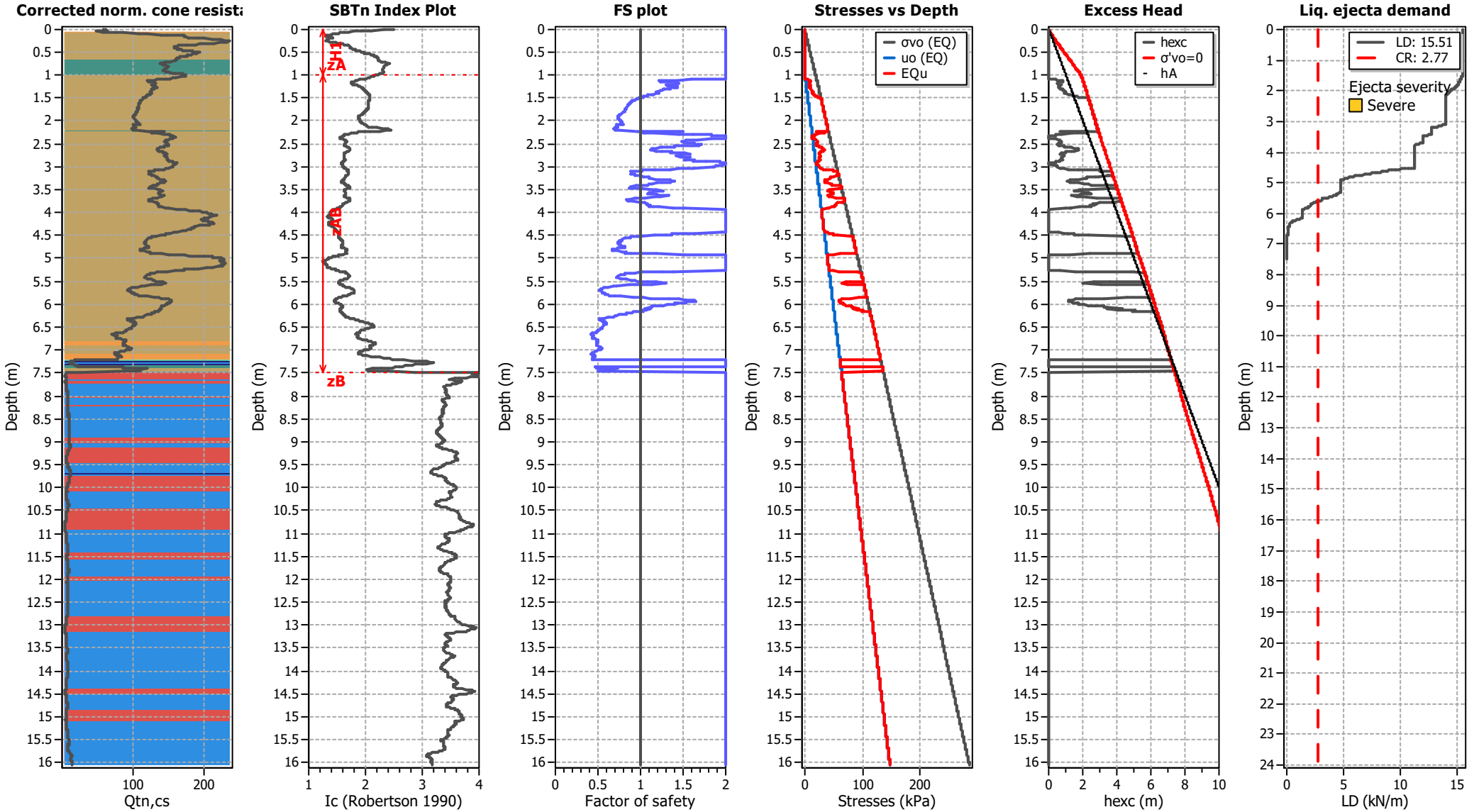
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



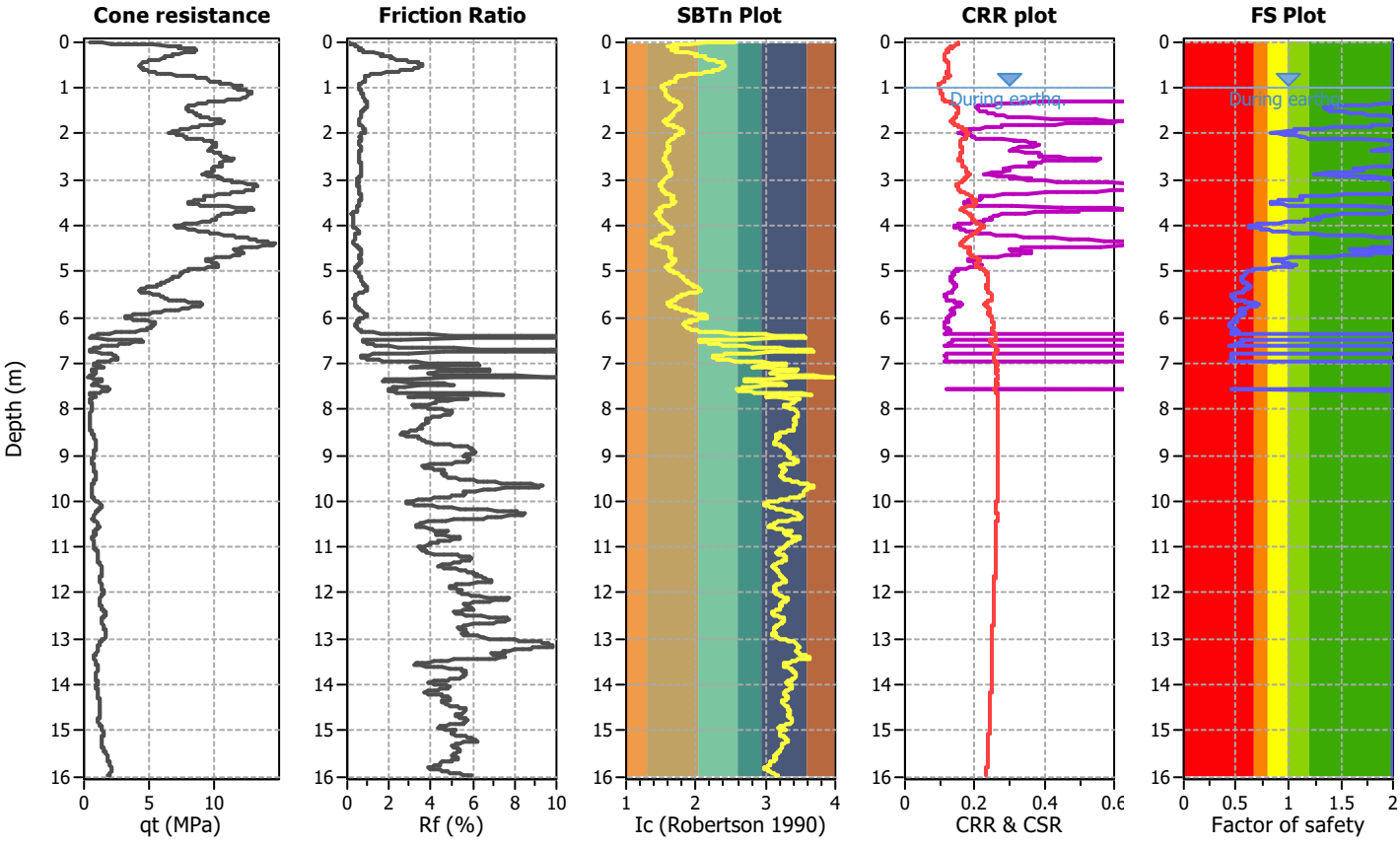
LIQUEFACTION ANALYSIS REPORT

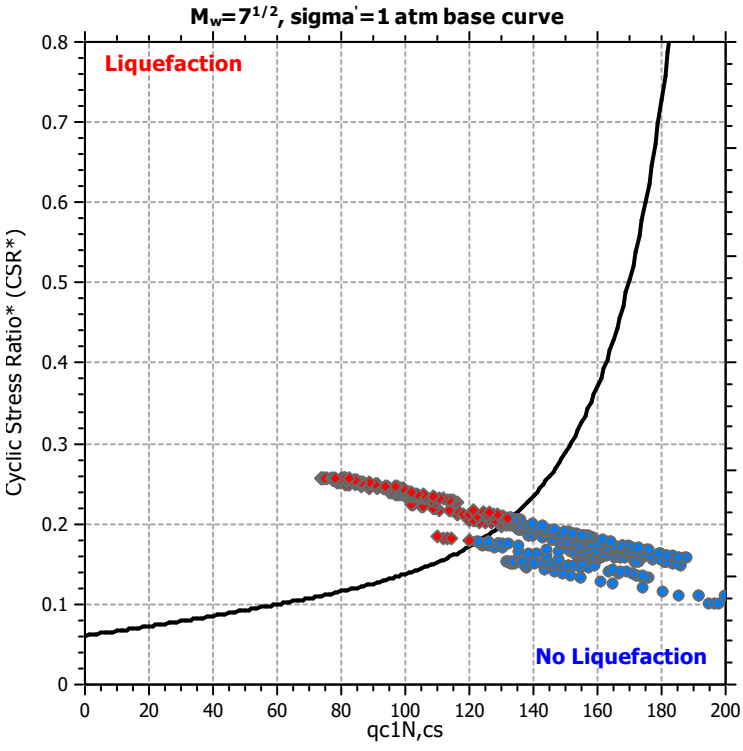
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

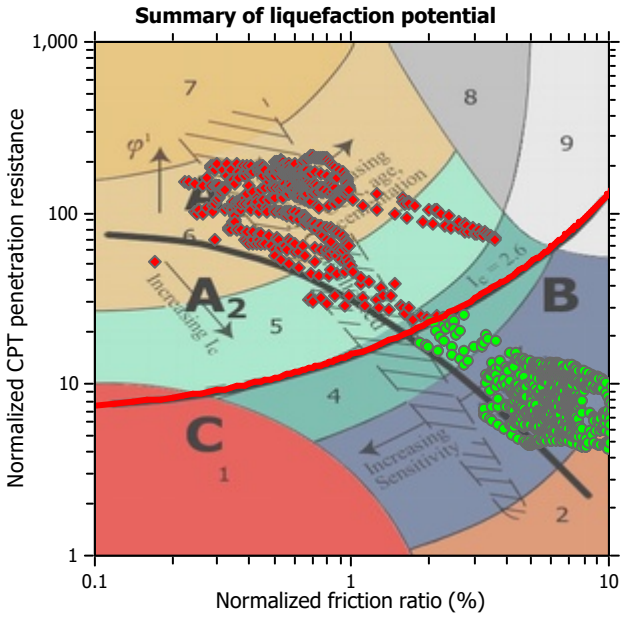
CPT file : 040008P992CPTU993

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

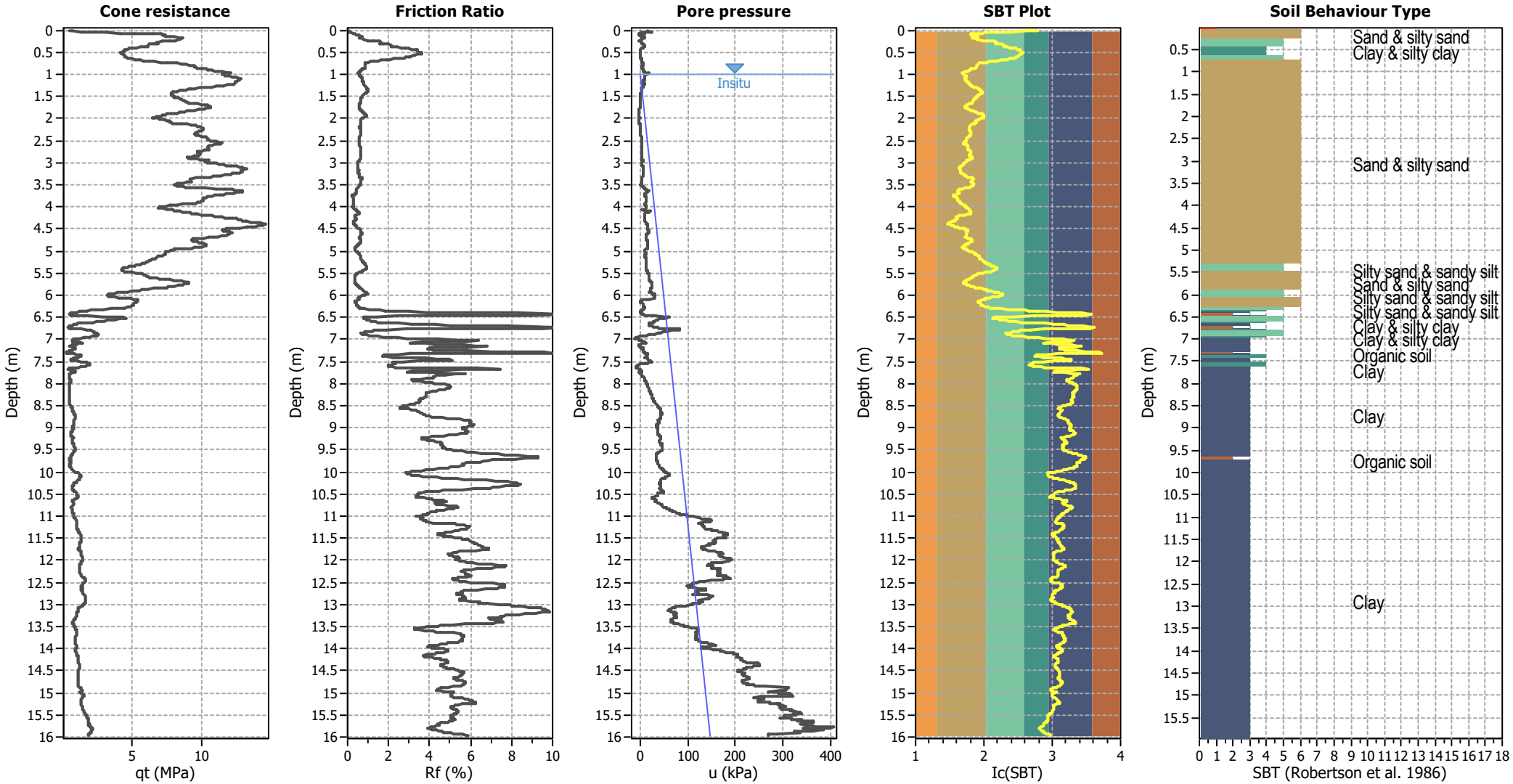






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



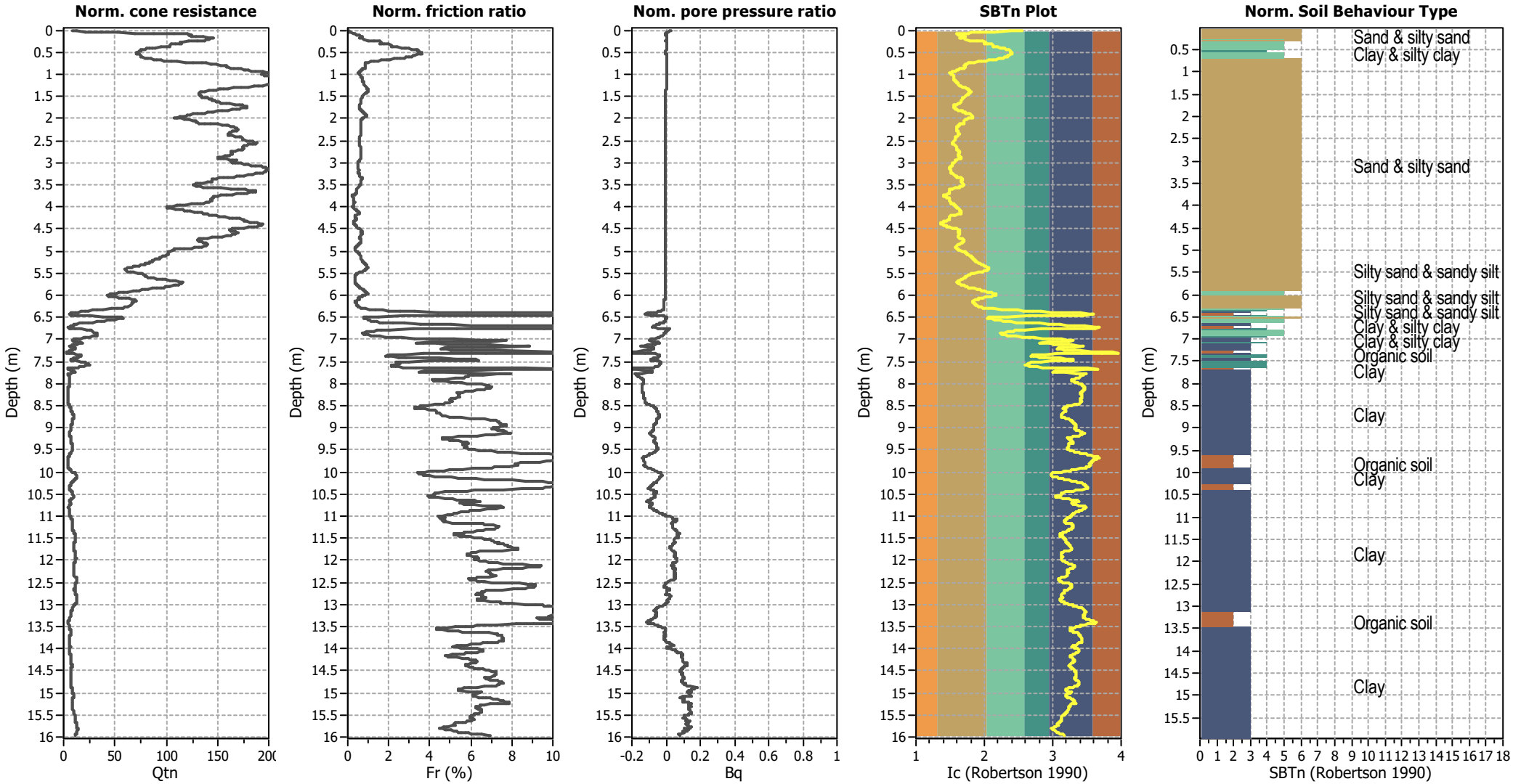
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



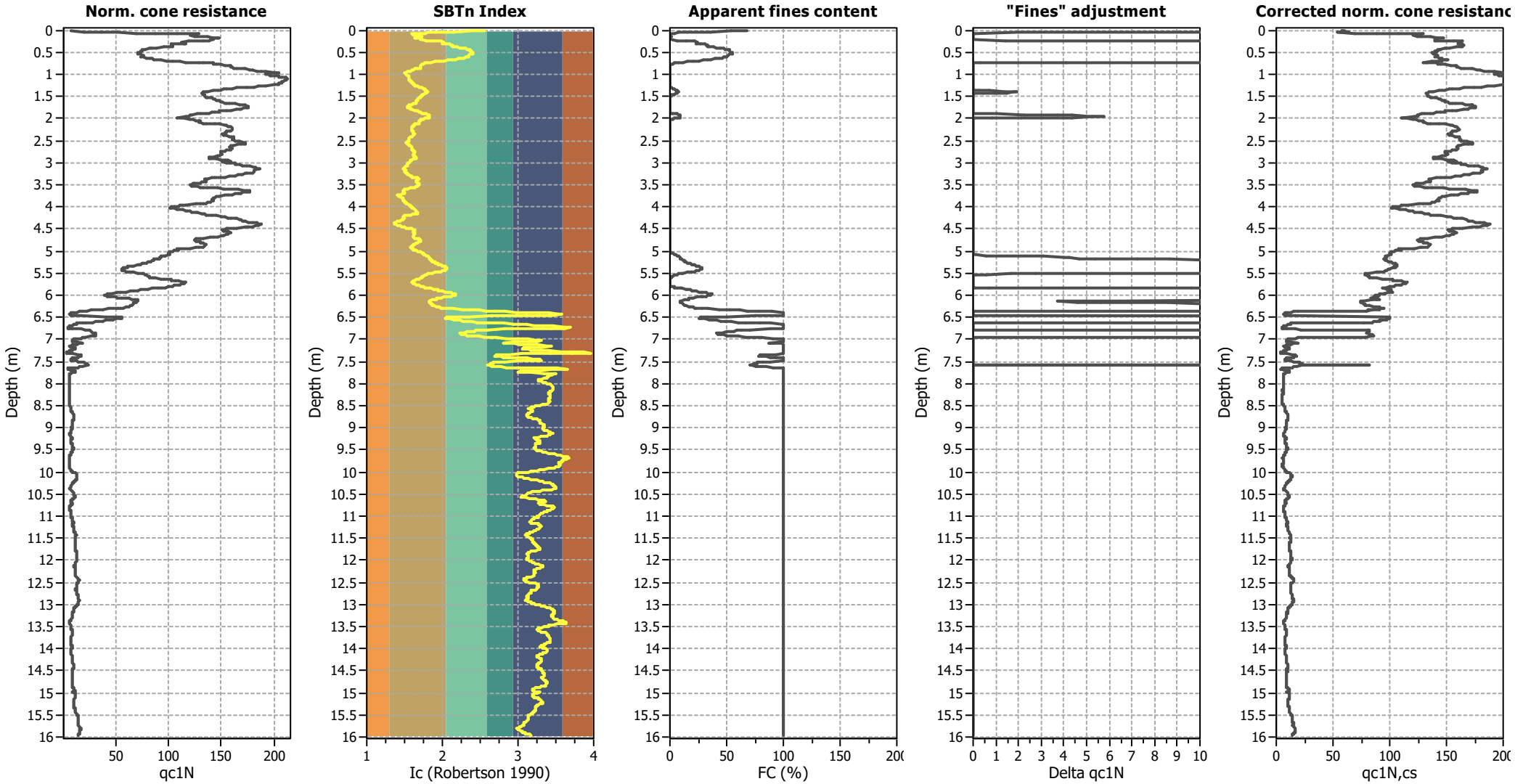
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

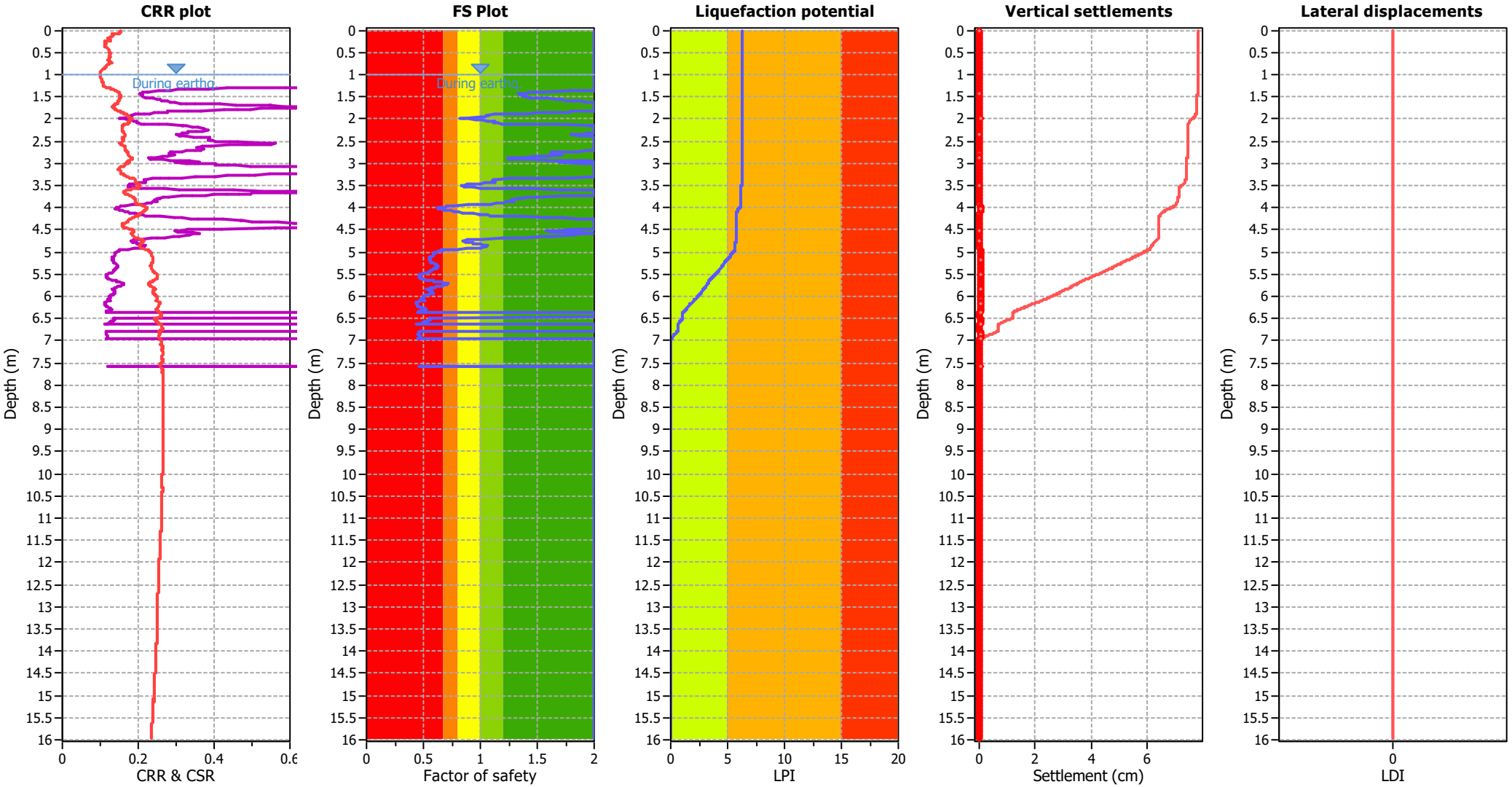
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

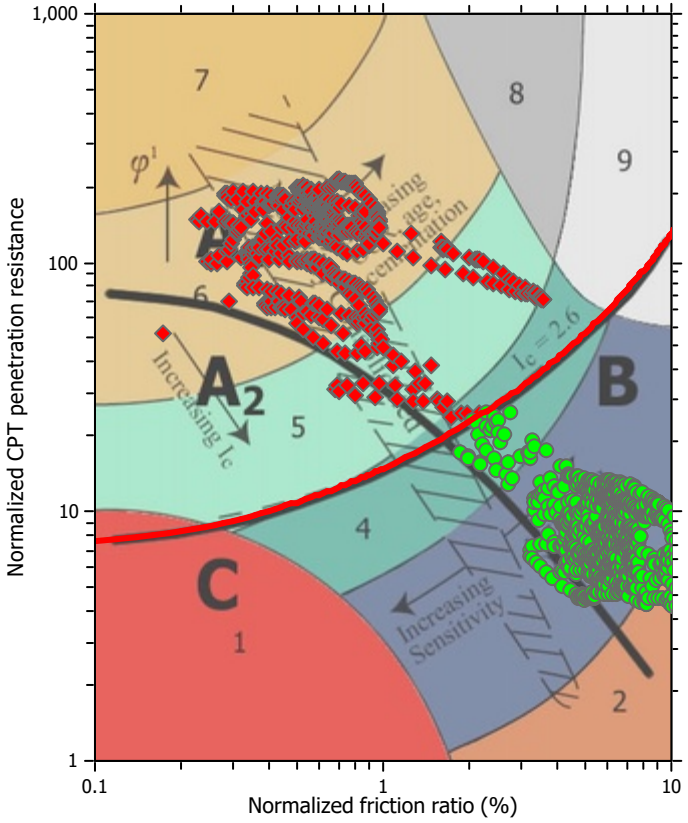
F.S. color scheme

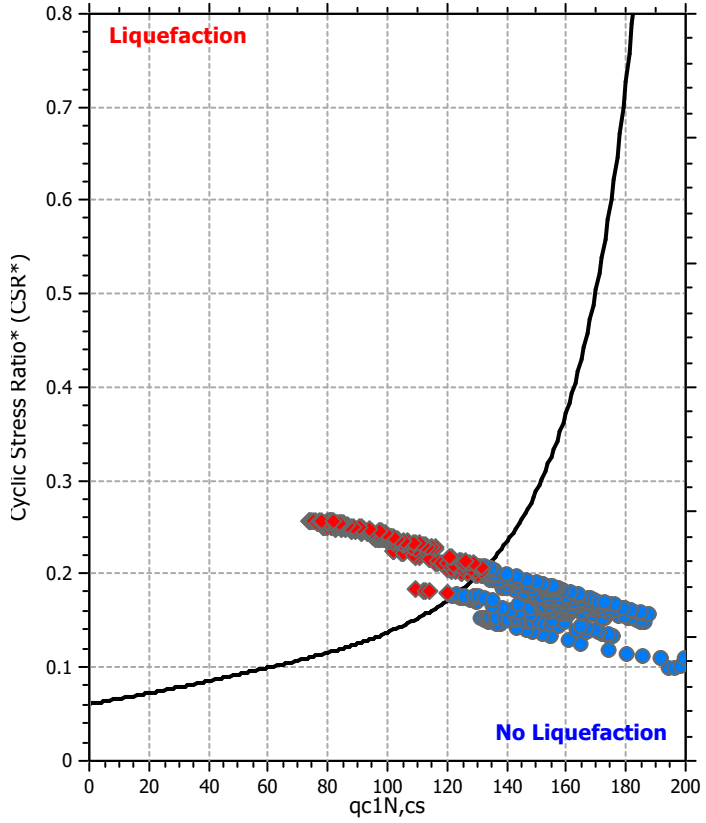
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

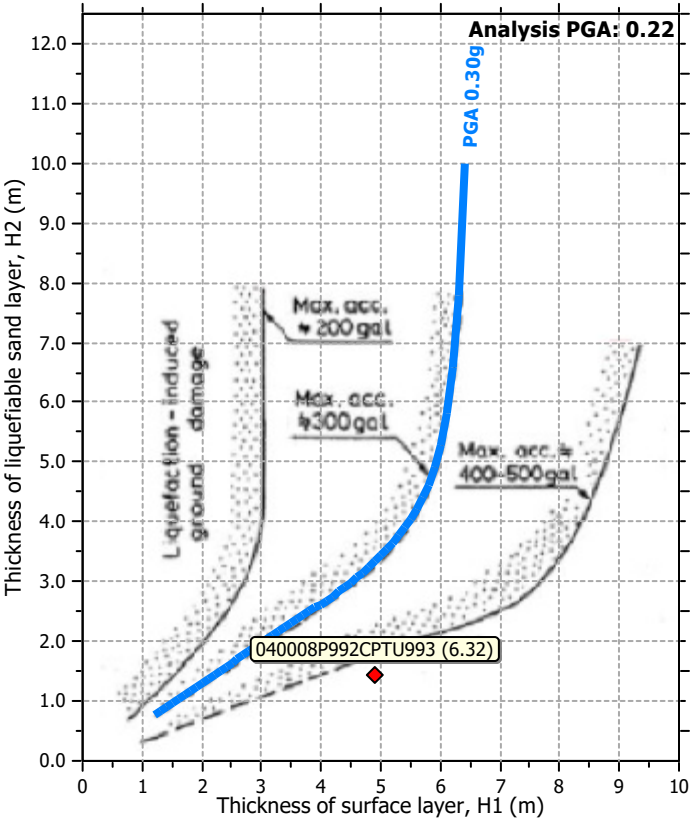
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



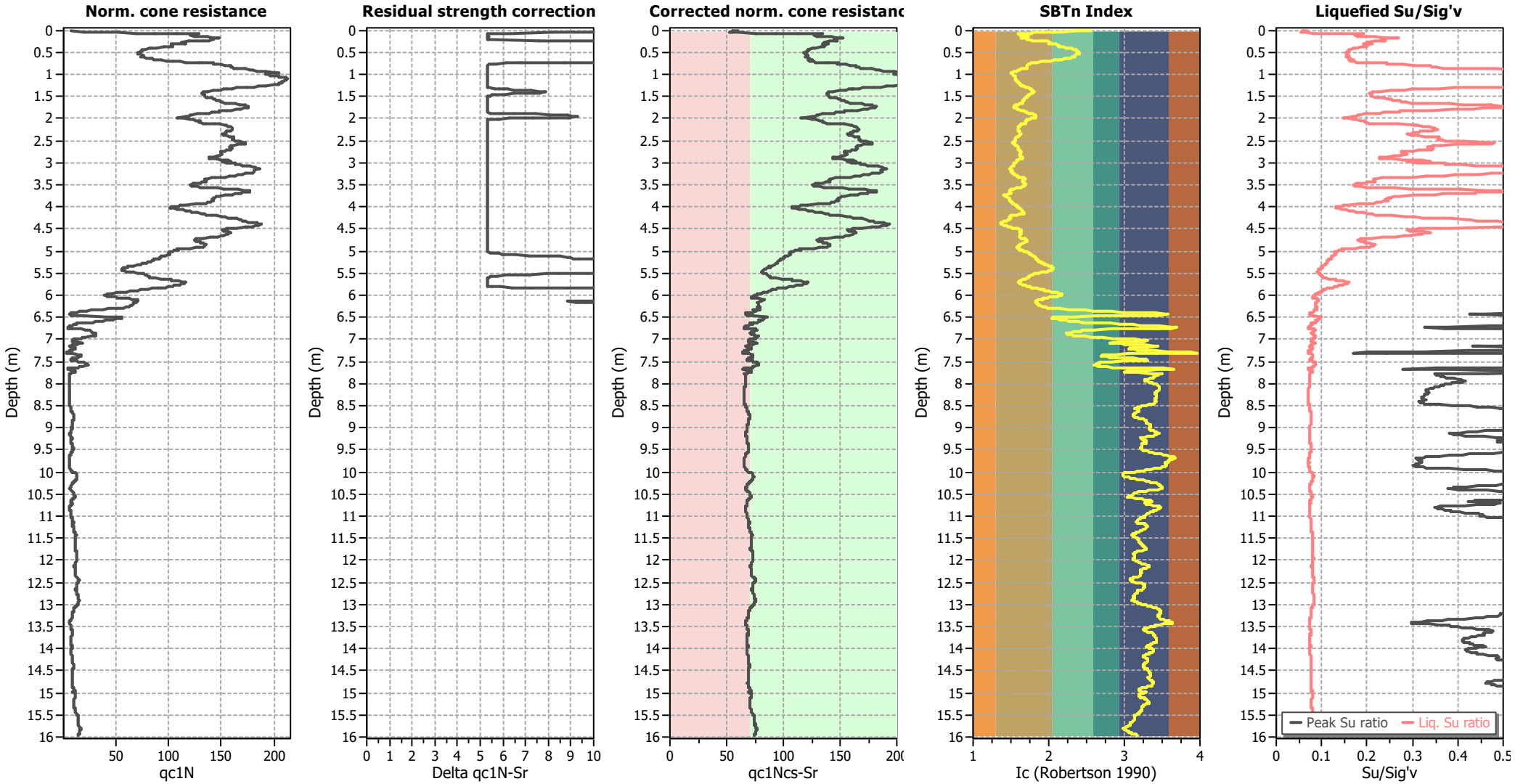




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	2.00	0.00	0.00	0.01	0.00
1.07	2.00	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	2.00	0.00	0.00	0.01	0.00	1.10	2.00	0.00	0.00	0.01	0.00
1.11	2.00	0.00	0.00	0.01	0.00	1.12	2.00	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	2.00	0.00	0.00	0.01	0.00	1.16	2.00	0.00	0.00	0.01	0.00
1.17	2.00	0.00	0.00	0.01	0.00	1.18	2.00	0.00	0.00	0.01	0.00
1.19	2.00	0.00	0.00	0.01	0.00	1.20	2.00	0.00	0.00	0.01	0.00
1.21	2.00	0.00	0.00	0.01	0.00	1.22	2.00	0.00	0.00	0.01	0.00
1.23	2.00	0.00	0.00	0.01	0.00	1.24	2.00	0.00	0.00	0.01	0.00
1.25	2.00	0.00	0.00	0.01	0.00	1.26	2.00	0.00	0.00	0.01	0.00
1.27	2.00	0.00	0.00	0.01	0.00	1.28	2.00	0.00	0.00	0.01	0.00
1.29	2.00	0.00	0.00	0.01	0.00	1.30	2.00	0.00	0.00	0.01	0.00
1.31	2.00	0.00	0.00	0.01	0.00	1.32	2.00	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	1.93	0.00	0.00	0.01	0.00
1.37	1.78	0.00	0.00	0.01	0.00	1.38	1.55	0.00	0.00	0.01	0.00
1.39	1.52	0.00	0.00	0.01	0.00	1.40	1.42	0.00	0.00	0.01	0.00
1.41	1.41	0.00	0.00	0.01	0.00	1.42	1.38	0.00	0.00	0.01	0.00
1.43	1.35	0.00	0.00	0.01	0.00	1.44	1.34	0.00	0.00	0.01	0.00
1.45	1.36	0.00	0.00	0.01	0.00	1.46	1.36	0.00	0.00	0.01	0.00
1.47	1.38	0.00	0.00	0.01	0.00	1.48	1.38	0.00	0.00	0.01	0.00
1.49	1.38	0.00	0.00	0.01	0.00	1.50	1.39	0.00	0.00	0.01	0.00
1.51	1.44	0.00	0.00	0.01	0.00	1.52	1.45	0.00	0.00	0.01	0.00
1.53	1.53	0.00	0.00	0.01	0.00	1.54	1.58	0.00	0.00	0.01	0.00
1.55	1.68	0.00	0.00	0.01	0.00	1.56	1.67	0.00	0.00	0.01	0.00
1.57	1.72	0.00	0.00	0.01	0.00	1.58	1.76	0.00	0.00	0.01	0.00
1.59	1.83	0.00	0.00	0.01	0.00	1.60	1.89	0.00	0.00	0.01	0.00
1.61	1.92	0.00	0.00	0.01	0.00	1.62	2.00	0.00	0.00	0.01	0.00
1.63	2.00	0.00	0.00	0.01	0.00	1.64	2.00	0.00	0.00	0.01	0.00
1.65	2.00	0.00	0.00	0.01	0.00	1.66	2.00	0.00	0.00	0.01	0.00
1.67	2.00	0.00	0.00	0.01	0.00	1.68	2.00	0.00	0.00	0.01	0.00
1.69	2.00	0.00	0.00	0.01	0.00	1.70	2.00	0.00	0.00	0.01	0.00
1.71	2.00	0.00	0.00	0.01	0.00	1.72	2.00	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	2.00	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	2.00	0.00	0.00	0.01	0.00	1.80	2.00	0.00	0.00	0.01	0.00
1.81	2.00	0.00	0.00	0.01	0.00	1.82	2.00	0.00	0.00	0.01	0.00
1.83	1.79	0.00	0.00	0.01	0.00	1.84	1.79	0.00	0.00	0.01	0.00
1.85	1.61	0.00	0.00	0.01	0.00	1.86	1.50	0.00	0.00	0.01	0.00
1.87	1.41	0.00	0.00	0.01	0.00	1.88	1.31	0.00	0.00	0.01	0.00
1.89	1.18	0.00	0.00	0.01	0.00	1.90	1.13	0.00	0.00	0.01	0.00
1.91	1.05	0.00	0.00	0.01	0.00	1.92	1.08	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.06	0.00	0.00	0.01	0.00	1.94	1.04	0.00	0.00	0.01	0.00
1.95	1.03	0.00	0.00	0.01	0.00	1.96	1.00	0.00	0.00	0.01	0.00
1.97	0.85	0.00	0.00	0.01	0.01	1.98	0.83	0.00	0.00	0.01	0.02
1.99	0.86	0.00	0.00	0.01	0.01	2.00	0.88	0.00	0.00	0.01	0.01
2.01	0.96	0.00	0.00	0.01	0.00	2.02	0.96	0.00	0.00	0.01	0.00
2.03	1.01	0.00	0.00	0.01	0.00	2.04	1.06	0.00	0.00	0.01	0.00
2.05	1.13	0.00	0.00	0.01	0.00	2.06	1.12	0.00	0.00	0.01	0.00
2.07	1.12	0.00	0.00	0.01	0.00	2.08	1.11	0.00	0.00	0.01	0.00
2.09	1.15	0.00	0.00	0.01	0.00	2.10	1.19	0.00	0.00	0.01	0.00
2.11	1.26	0.00	0.00	0.01	0.00	2.12	1.53	0.00	0.00	0.01	0.00
2.13	1.69	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	1.97	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	1.94	0.00	0.00	0.01	0.00	2.32	1.93	0.00	0.00	0.01	0.00
2.33	1.92	0.00	0.00	0.01	0.00	2.34	1.89	0.00	0.00	0.01	0.00
2.35	1.82	0.00	0.00	0.01	0.00	2.36	1.80	0.00	0.00	0.01	0.00
2.37	1.88	0.00	0.00	0.01	0.00	2.38	1.87	0.00	0.00	0.01	0.00
2.39	1.98	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	1.94	0.00	0.00	0.01	0.00
2.73	1.85	0.00	0.00	0.01	0.00	2.74	1.66	0.00	0.00	0.01	0.00
2.75	1.62	0.00	0.00	0.01	0.00	2.76	1.62	0.00	0.00	0.01	0.00
2.77	1.62	0.00	0.00	0.01	0.00	2.78	1.61	0.00	0.00	0.01	0.00
2.79	1.67	0.00	0.00	0.01	0.00	2.80	1.70	0.00	0.00	0.01	0.00
2.81	1.72	0.00	0.00	0.01	0.00	2.82	1.70	0.00	0.00	0.01	0.00
2.83	1.58	0.00	0.00	0.01	0.00	2.84	1.57	0.00	0.00	0.01	0.00
2.85	1.49	0.00	0.00	0.01	0.00	2.86	1.37	0.00	0.00	0.01	0.00
2.87	1.28	0.00	0.00	0.01	0.00	2.88	1.24	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.24	0.00	0.00	0.01	0.00	2.90	1.28	0.00	0.00	0.01	0.00
2.91	1.49	0.00	0.00	0.01	0.00	2.92	1.48	0.00	0.00	0.01	0.00
2.93	1.62	0.00	0.00	0.01	0.00	2.94	1.79	0.00	0.00	0.01	0.00
2.95	1.96	0.00	0.00	0.01	0.00	2.96	2.00	0.00	0.00	0.01	0.00
2.97	1.70	0.00	0.00	0.01	0.00	2.98	1.70	0.00	0.00	0.01	0.00
2.99	1.89	0.00	0.00	0.01	0.00	3.00	2.00	0.00	0.00	0.01	0.00
3.01	2.00	0.00	0.00	0.01	0.00	3.02	2.00	0.00	0.00	0.01	0.00
3.03	2.00	0.00	0.00	0.01	0.00	3.04	2.00	0.00	0.00	0.01	0.00
3.05	2.00	0.00	0.00	0.01	0.00	3.06	2.00	0.00	0.00	0.01	0.00
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	1.77	0.00	0.00	0.01	0.00
3.33	1.55	0.00	0.00	0.01	0.00	3.34	1.38	0.00	0.00	0.01	0.00
3.35	1.26	0.00	0.00	0.01	0.00	3.36	1.15	0.00	0.00	0.01	0.00
3.37	1.12	0.00	0.00	0.01	0.00	3.38	1.11	0.00	0.00	0.01	0.00
3.39	1.11	0.00	0.00	0.01	0.00	3.40	1.12	0.00	0.00	0.01	0.00
3.41	1.13	0.00	0.00	0.01	0.00	3.42	1.13	0.00	0.00	0.01	0.00
3.43	1.12	0.00	0.00	0.01	0.00	3.44	1.04	0.00	0.00	0.01	0.00
3.45	1.00	0.00	0.00	0.01	0.00	3.46	0.91	0.00	0.00	0.01	0.01
3.47	0.91	0.00	0.00	0.01	0.01	3.48	0.88	0.00	0.00	0.01	0.01
3.49	0.86	0.00	0.00	0.01	0.01	3.50	0.84	0.00	0.00	0.01	0.01
3.51	0.84	0.00	0.00	0.01	0.01	3.52	0.86	0.00	0.00	0.01	0.01
3.53	0.94	0.00	0.00	0.01	0.00	3.54	0.94	0.00	0.00	0.01	0.01
3.55	1.00	0.00	0.00	0.01	0.00	3.56	1.06	0.00	0.00	0.01	0.00
3.57	1.16	0.00	0.00	0.01	0.00	3.58	1.45	0.00	0.00	0.01	0.00
3.59	1.70	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	2.00	0.00	0.00	0.01	0.00	3.62	2.00	0.00	0.00	0.01	0.00
3.63	2.00	0.00	0.00	0.01	0.00	3.64	2.00	0.00	0.00	0.01	0.00
3.65	2.00	0.00	0.00	0.01	0.00	3.66	2.00	0.00	0.00	0.01	0.00
3.67	2.00	0.00	0.00	0.01	0.00	3.68	2.00	0.00	0.00	0.01	0.00
3.69	2.00	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	1.92	0.00	0.00	0.01	0.00	3.74	1.75	0.00	0.00	0.01	0.00
3.75	1.50	0.00	0.00	0.01	0.00	3.76	1.50	0.00	0.00	0.01	0.00
3.77	1.41	0.00	0.00	0.01	0.00	3.78	1.34	0.00	0.00	0.01	0.00
3.79	1.35	0.00	0.00	0.01	0.00	3.80	1.33	0.00	0.00	0.01	0.00
3.81	1.30	0.00	0.00	0.01	0.00	3.82	1.27	0.00	0.00	0.01	0.00
3.83	1.27	0.00	0.00	0.01	0.00	3.84	1.27	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	1.30	0.00	0.00	0.01	0.00	3.86	1.28	0.00	0.00	0.01	0.00
3.87	1.23	0.00	0.00	0.01	0.00	3.88	1.21	0.00	0.00	0.01	0.00
3.89	1.15	0.00	0.00	0.01	0.00	3.90	1.14	0.00	0.00	0.01	0.00
3.91	1.10	0.00	0.00	0.01	0.00	3.92	1.04	0.00	0.00	0.01	0.00
3.93	0.97	0.00	0.00	0.01	0.00	3.94	0.90	0.00	0.00	0.01	0.01
3.95	0.77	0.00	0.00	0.01	0.02	3.96	0.77	0.00	0.00	0.01	0.02
3.97	0.70	0.00	0.00	0.01	0.02	3.98	0.69	0.00	0.00	0.01	0.02
3.99	0.65	0.00	0.00	0.01	0.03	4.00	0.63	0.00	0.00	0.01	0.03
4.01	0.63	0.00	0.00	0.01	0.03	4.02	0.63	0.00	0.00	0.01	0.03
4.03	0.62	0.00	0.00	0.01	0.03	4.04	0.65	0.00	0.00	0.01	0.03
4.05	0.68	0.00	0.00	0.01	0.03	4.06	0.74	0.00	0.00	0.01	0.02
4.07	0.74	0.00	0.00	0.01	0.02	4.08	0.77	0.00	0.00	0.01	0.02
4.09	0.79	0.00	0.00	0.01	0.02	4.10	0.81	0.00	0.00	0.01	0.02
4.11	0.84	0.00	0.00	0.01	0.01	4.12	0.91	0.00	0.00	0.01	0.01
4.13	0.94	0.00	0.00	0.01	0.01	4.14	0.99	0.00	0.00	0.01	0.00
4.15	0.99	0.00	0.00	0.01	0.00	4.16	1.03	0.00	0.00	0.01	0.00
4.17	1.06	0.00	0.00	0.01	0.00	4.18	1.09	0.00	0.00	0.01	0.00
4.19	1.25	0.00	0.00	0.01	0.00	4.20	1.35	0.00	0.00	0.01	0.00
4.21	1.57	0.00	0.00	0.01	0.00	4.22	1.57	0.00	0.00	0.01	0.00
4.23	1.71	0.00	0.00	0.01	0.00	4.24	1.86	0.00	0.00	0.01	0.00
4.25	1.98	0.00	0.00	0.01	0.00	4.26	2.00	0.00	0.00	0.01	0.00
4.27	2.00	0.00	0.00	0.01	0.00	4.28	2.00	0.00	0.00	0.01	0.00
4.29	2.00	0.00	0.00	0.01	0.00	4.30	2.00	0.00	0.00	0.01	0.00
4.31	2.00	0.00	0.00	0.01	0.00	4.32	2.00	0.00	0.00	0.01	0.00
4.33	2.00	0.00	0.00	0.01	0.00	4.34	2.00	0.00	0.00	0.01	0.00
4.35	2.00	0.00	0.00	0.01	0.00	4.36	2.00	0.00	0.00	0.01	0.00
4.37	2.00	0.00	0.00	0.01	0.00	4.38	2.00	0.00	0.00	0.01	0.00
4.39	2.00	0.00	0.00	0.01	0.00	4.40	2.00	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	2.00	0.00	0.00	0.01	0.00
4.43	2.00	0.00	0.00	0.01	0.00	4.44	2.00	0.00	0.00	0.01	0.00
4.45	2.00	0.00	0.00	0.01	0.00	4.46	2.00	0.00	0.00	0.01	0.00
4.47	2.00	0.00	0.00	0.01	0.00	4.48	2.00	0.00	0.00	0.01	0.00
4.49	1.80	0.00	0.00	0.01	0.00	4.50	1.79	0.00	0.00	0.01	0.00
4.51	1.69	0.00	0.00	0.01	0.00	4.52	1.62	0.00	0.00	0.01	0.00
4.53	1.58	0.00	0.00	0.01	0.00	4.54	1.62	0.00	0.00	0.01	0.00
4.55	1.77	0.00	0.00	0.01	0.00	4.56	1.86	0.00	0.00	0.01	0.00
4.57	1.99	0.00	0.00	0.01	0.00	4.58	1.98	0.00	0.00	0.01	0.00
4.59	1.92	0.00	0.00	0.01	0.00	4.60	1.89	0.00	0.00	0.01	0.00
4.61	1.82	0.00	0.00	0.01	0.00	4.62	1.80	0.00	0.00	0.01	0.00
4.63	1.79	0.00	0.00	0.01	0.00	4.64	1.64	0.00	0.00	0.01	0.00
4.65	1.63	0.00	0.00	0.01	0.00	4.66	1.53	0.00	0.00	0.01	0.00
4.67	1.39	0.00	0.00	0.01	0.00	4.68	1.28	0.00	0.00	0.01	0.00
4.69	1.19	0.00	0.00	0.01	0.00	4.70	1.02	0.00	0.00	0.01	0.00
4.71	0.97	0.00	0.00	0.01	0.00	4.72	0.88	0.00	0.00	0.01	0.01
4.73	0.88	0.00	0.00	0.01	0.01	4.74	0.86	0.00	0.00	0.01	0.01
4.75	0.85	0.00	0.00	0.01	0.01	4.76	0.85	0.00	0.00	0.01	0.01
4.77	0.87	0.00	0.00	0.01	0.01	4.78	0.90	0.00	0.00	0.01	0.01
4.79	0.94	0.00	0.00	0.01	0.00	4.80	0.94	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.96	0.00	0.00	0.01	0.00	4.82	0.98	0.00	0.00	0.01	0.00
4.83	1.00	0.00	0.00	0.01	0.00	4.84	1.03	0.00	0.00	0.01	0.00
4.85	1.06	0.00	0.00	0.01	0.00	4.86	1.07	0.00	0.00	0.01	0.00
4.87	1.05	0.00	0.00	0.01	0.00	4.88	1.05	0.00	0.00	0.01	0.00
4.89	1.04	0.00	0.00	0.01	0.00	4.90	1.00	0.00	0.00	0.01	0.00
4.91	0.92	0.00	0.00	0.01	0.01	4.92	0.88	0.00	0.00	0.01	0.01
4.93	0.80	0.00	0.00	0.01	0.02	4.94	0.80	0.00	0.00	0.01	0.02
4.95	0.65	0.00	0.00	0.01	0.03	4.96	0.65	0.00	0.00	0.01	0.03
4.97	0.67	0.00	0.00	0.01	0.03	4.98	0.65	0.00	0.00	0.01	0.03
4.99	0.63	0.00	0.00	0.01	0.03	5.00	0.61	0.00	0.00	0.01	0.03
5.01	0.60	0.40	0.63	0.01	0.03	5.02	0.59	0.41	0.61	0.01	0.03
5.03	0.59	0.41	0.60	0.01	0.03	5.04	0.59	0.41	0.60	0.01	0.03
5.05	0.59	0.41	0.61	0.01	0.03	5.06	0.59	0.41	0.61	0.01	0.03
5.07	0.59	0.41	0.61	0.01	0.03	5.08	0.59	0.41	0.61	0.01	0.03
5.09	0.58	0.42	0.60	0.01	0.03	5.10	0.57	0.43	0.57	0.01	0.03
5.11	0.56	0.44	0.57	0.01	0.03	5.12	0.56	0.44	0.55	0.01	0.03
5.13	0.56	0.44	0.56	0.01	0.03	5.14	0.56	0.44	0.55	0.01	0.03
5.15	0.55	0.45	0.55	0.01	0.03	5.16	0.56	0.44	0.55	0.01	0.03
5.17	0.55	0.45	0.55	0.01	0.03	5.18	0.56	0.44	0.55	0.01	0.03
5.19	0.55	0.45	0.54	0.01	0.03	5.20	0.56	0.44	0.56	0.01	0.03
5.21	0.56	0.44	0.56	0.01	0.03	5.22	0.57	0.43	0.57	0.01	0.03
5.23	0.57	0.43	0.58	0.01	0.03	5.24	0.58	0.42	0.59	0.01	0.03
5.25	0.59	0.41	0.60	0.01	0.03	5.26	0.60	0.40	0.63	0.01	0.03
5.27	0.60	0.40	0.63	0.01	0.03	5.28	0.62	0.00	0.00	0.01	0.03
5.29	0.62	0.00	0.00	0.01	0.03	5.30	0.62	0.00	0.00	0.01	0.03
5.31	0.62	0.00	0.00	0.01	0.03	5.32	0.63	0.00	0.00	0.01	0.03
5.33	0.62	0.00	0.00	0.01	0.03	5.34	0.63	0.00	0.00	0.01	0.03
5.35	0.60	0.40	0.64	0.01	0.03	5.36	0.61	0.00	0.00	0.01	0.03
5.37	0.61	0.00	0.00	0.01	0.03	5.38	0.60	0.40	0.63	0.01	0.03
5.39	0.59	0.41	0.62	0.01	0.03	5.40	0.58	0.42	0.59	0.01	0.03
5.41	0.57	0.43	0.58	0.01	0.03	5.42	0.57	0.43	0.58	0.01	0.03
5.43	0.56	0.44	0.56	0.01	0.03	5.44	0.56	0.44	0.56	0.01	0.03
5.45	0.55	0.45	0.55	0.01	0.03	5.46	0.54	0.46	0.53	0.01	0.03
5.47	0.52	0.48	0.50	0.01	0.03	5.48	0.51	0.49	0.49	0.01	0.04
5.49	0.47	0.53	0.45	0.01	0.04	5.50	0.47	0.53	0.45	0.01	0.04
5.51	0.46	0.54	0.43	0.01	0.04	5.52	0.46	0.54	0.43	0.01	0.04
5.53	0.46	0.54	0.43	0.01	0.04	5.54	0.46	0.54	0.44	0.01	0.04
5.55	0.46	0.54	0.44	0.01	0.04	5.56	0.47	0.53	0.44	0.01	0.04
5.57	0.47	0.53	0.45	0.01	0.04	5.58	0.47	0.53	0.45	0.01	0.04
5.59	0.47	0.53	0.45	0.01	0.04	5.60	0.48	0.52	0.46	0.01	0.04
5.61	0.49	0.51	0.47	0.01	0.04	5.62	0.50	0.50	0.48	0.01	0.04
5.63	0.53	0.47	0.52	0.01	0.03	5.64	0.55	0.45	0.54	0.01	0.03
5.65	0.59	0.41	0.62	0.01	0.03	5.66	0.59	0.41	0.62	0.01	0.03
5.67	0.62	0.00	0.00	0.01	0.03	5.68	0.65	0.00	0.00	0.01	0.02
5.69	0.68	0.00	0.00	0.01	0.02	5.70	0.72	0.00	0.00	0.01	0.02
5.71	0.71	0.00	0.00	0.01	0.02	5.72	0.70	0.00	0.00	0.01	0.02
5.73	0.70	0.00	0.00	0.01	0.02	5.74	0.69	0.00	0.00	0.01	0.02
5.75	0.67	0.00	0.00	0.01	0.02	5.76	0.66	0.00	0.00	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.64	0.00	0.00	0.01	0.03	5.78	0.62	0.00	0.00	0.01	0.03
5.79	0.60	0.40	0.63	0.01	0.03	5.80	0.57	0.43	0.57	0.01	0.03
5.81	0.57	0.43	0.57	0.01	0.03	5.82	0.55	0.45	0.54	0.01	0.03
5.83	0.53	0.47	0.52	0.01	0.03	5.84	0.54	0.46	0.53	0.01	0.03
5.85	0.53	0.47	0.52	0.01	0.03	5.86	0.56	0.44	0.56	0.01	0.03
5.87	0.55	0.45	0.55	0.01	0.03	5.88	0.58	0.42	0.60	0.01	0.03
5.89	0.58	0.42	0.59	0.01	0.03	5.90	0.58	0.42	0.59	0.01	0.03
5.91	0.58	0.42	0.60	0.01	0.03	5.92	0.58	0.42	0.60	0.01	0.03
5.93	0.56	0.44	0.56	0.01	0.03	5.94	0.56	0.44	0.56	0.01	0.03
5.95	0.54	0.46	0.53	0.01	0.03	5.96	0.55	0.45	0.54	0.01	0.03
5.97	0.53	0.47	0.52	0.01	0.03	5.98	0.52	0.48	0.50	0.01	0.03
5.99	0.51	0.49	0.50	0.01	0.03	6.00	0.50	0.50	0.48	0.01	0.04
6.01	0.50	0.50	0.47	0.01	0.04	6.02	0.50	0.50	0.47	0.01	0.04
6.03	0.49	0.51	0.46	0.01	0.04	6.04	0.50	0.50	0.48	0.01	0.03
6.05	0.48	0.52	0.45	0.01	0.04	6.06	0.48	0.52	0.45	0.01	0.04
6.07	0.48	0.52	0.45	0.01	0.04	6.08	0.49	0.51	0.47	0.01	0.04
6.09	0.51	0.49	0.49	0.01	0.03	6.10	0.50	0.50	0.47	0.01	0.03
6.11	0.48	0.52	0.46	0.01	0.04	6.12	0.45	0.55	0.42	0.01	0.04
6.13	0.44	0.56	0.42	0.01	0.04	6.14	0.43	0.57	0.41	0.01	0.04
6.15	0.43	0.57	0.41	0.01	0.04	6.16	0.43	0.57	0.41	0.01	0.04
6.17	0.43	0.57	0.41	0.01	0.04	6.18	0.44	0.56	0.41	0.01	0.04
6.19	0.44	0.56	0.42	0.01	0.04	6.20	0.45	0.55	0.43	0.01	0.04
6.21	0.45	0.55	0.43	0.01	0.04	6.22	0.45	0.55	0.43	0.01	0.04
6.23	0.46	0.54	0.43	0.01	0.04	6.24	0.46	0.54	0.44	0.01	0.04
6.25	0.48	0.52	0.46	0.01	0.04	6.26	0.49	0.51	0.47	0.01	0.04
6.27	0.51	0.49	0.49	0.01	0.03	6.28	0.51	0.49	0.49	0.01	0.03
6.29	0.52	0.48	0.50	0.01	0.03	6.30	0.53	0.47	0.52	0.01	0.03
6.31	0.51	0.49	0.49	0.01	0.03	6.32	0.51	0.49	0.49	0.01	0.03
6.33	0.46	0.54	0.44	0.01	0.04	6.34	0.47	0.53	0.45	0.01	0.04
6.35	0.45	0.55	0.43	0.01	0.04	6.36	2.00	0.00	0.00	0.01	0.00
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	2.00	0.00	0.00	0.01	0.00	6.40	2.00	0.00	0.00	0.01	0.00
6.41	2.00	0.00	0.00	0.01	0.00	6.42	2.00	0.00	0.00	0.01	0.00
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	0.55	0.45	0.55	0.01	0.03
6.49	0.55	0.45	0.55	0.01	0.03	6.50	0.56	0.44	0.56	0.01	0.03
6.51	0.55	0.45	0.54	0.01	0.03	6.52	0.56	0.44	0.55	0.01	0.03
6.53	0.56	0.44	0.56	0.01	0.03	6.54	0.55	0.45	0.54	0.01	0.03
6.55	0.54	0.46	0.54	0.01	0.03	6.56	0.51	0.49	0.49	0.01	0.03
6.57	0.52	0.48	0.51	0.01	0.03	6.58	0.51	0.49	0.49	0.01	0.03
6.59	0.50	0.50	0.47	0.01	0.03	6.60	0.48	0.52	0.46	0.01	0.03
6.61	0.47	0.53	0.45	0.01	0.04	6.62	0.44	0.56	0.42	0.01	0.04
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	0.46	0.54	0.44	0.01	0.04	6.80	0.46	0.54	0.43	0.01	0.04
6.81	0.46	0.54	0.43	0.01	0.04	6.82	0.46	0.54	0.44	0.01	0.04
6.83	0.46	0.54	0.43	0.01	0.04	6.84	0.46	0.54	0.43	0.01	0.04
6.85	0.45	0.55	0.43	0.01	0.04	6.86	0.46	0.54	0.43	0.01	0.04
6.87	0.46	0.54	0.43	0.01	0.04	6.88	0.46	0.54	0.44	0.01	0.04
6.89	0.47	0.53	0.44	0.01	0.03	6.90	0.47	0.53	0.45	0.01	0.03
6.91	0.48	0.52	0.45	0.01	0.03	6.92	0.47	0.53	0.45	0.01	0.03
6.93	0.47	0.53	0.45	0.01	0.03	6.94	0.44	0.56	0.42	0.01	0.04
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	2.00	0.00	0.00	0.01	0.00	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	0.46	0.54	0.43	0.01	0.03
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00						

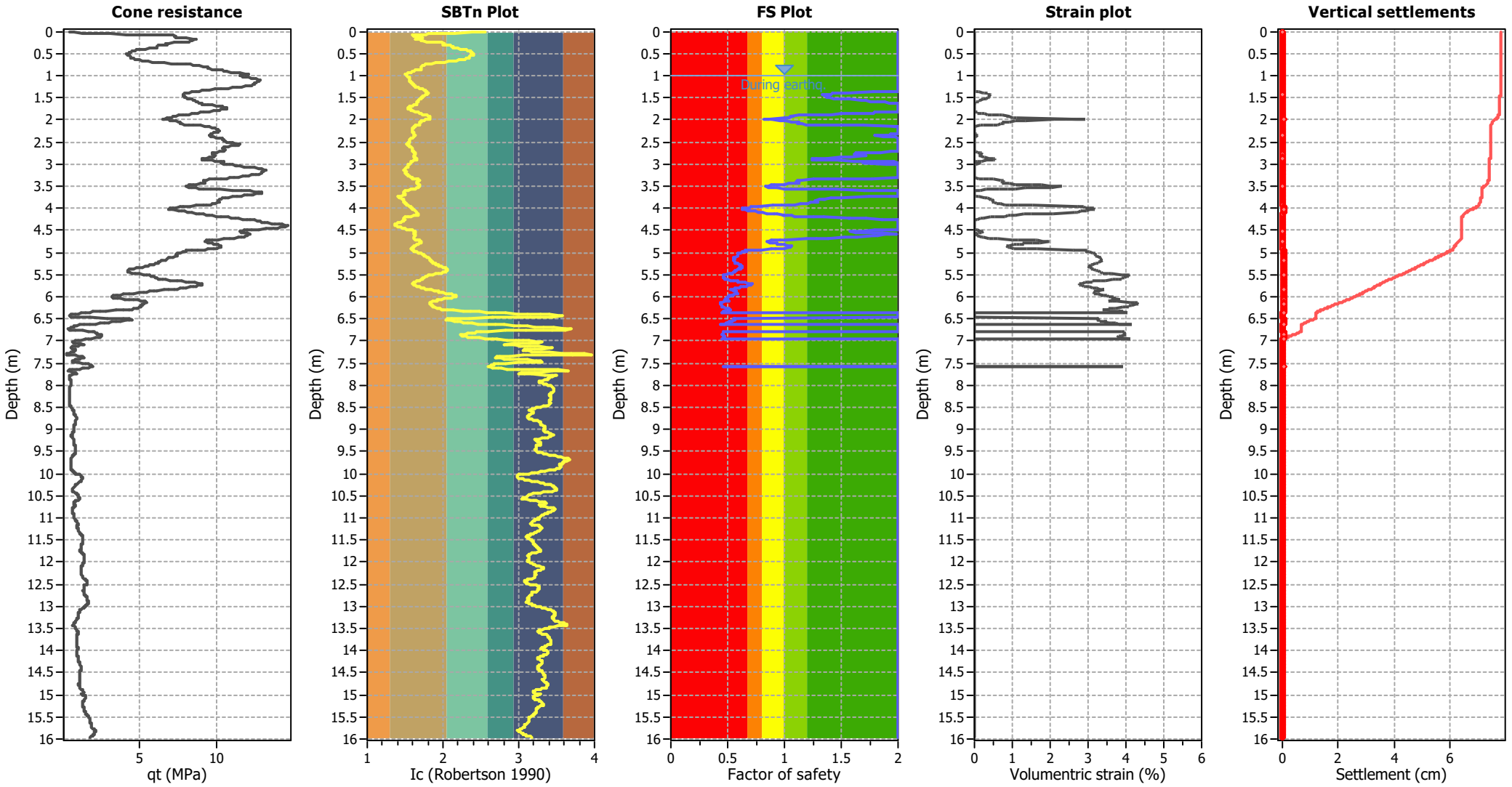
Overall liquefaction potential: 6.32

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	194.74	2.00	0.00	1.00	0.00	1.01	194.74	2.00	0.00	1.00	0.00
1.02	196.68	2.00	0.00	1.00	0.00	1.03	198.41	2.00	0.00	1.00	0.00
1.04	204.57	2.00	0.00	1.00	0.00	1.05	204.57	2.00	0.00	1.00	0.00
1.06	207.84	2.00	0.00	1.00	0.00	1.07	211.47	2.00	0.00	1.00	0.00
1.08	212.17	2.00	0.00	1.00	0.00	1.09	212.75	2.00	0.00	1.00	0.00
1.10	212.57	2.00	0.00	1.00	0.00	1.11	212.97	2.00	0.00	1.00	0.00
1.12	211.80	2.00	0.00	1.00	0.00	1.13	211.27	2.00	0.00	1.00	0.00
1.14	210.34	2.00	0.00	1.00	0.00	1.15	208.52	2.00	0.00	1.00	0.00
1.16	208.52	2.00	0.00	1.00	0.00	1.17	206.95	2.00	0.00	1.00	0.00
1.18	206.77	2.00	0.00	1.00	0.00	1.19	206.59	2.00	0.00	1.00	0.00
1.20	206.17	2.00	0.00	1.00	0.00	1.21	205.36	2.00	0.00	1.00	0.00
1.22	205.24	2.00	0.00	1.00	0.00	1.23	202.84	2.00	0.00	1.00	0.00
1.24	200.27	2.00	0.00	1.00	0.00	1.25	191.77	2.00	0.00	1.00	0.00
1.26	191.77	2.00	0.00	1.00	0.00	1.27	185.70	2.00	0.00	1.00	0.00
1.28	180.78	2.00	0.00	1.00	0.00	1.29	174.45	2.00	0.00	1.00	0.00
1.30	165.24	2.00	0.00	1.00	0.00	1.31	161.20	2.00	0.00	1.00	0.00
1.32	154.88	2.00	0.00	1.00	0.00	1.33	154.88	2.00	0.00	1.00	0.00
1.34	152.08	2.00	0.00	1.00	0.00	1.35	149.26	2.00	0.00	1.00	0.00
1.36	146.77	1.93	0.03	1.00	0.00	1.37	143.66	1.78	0.10	1.00	0.00
1.38	137.97	1.55	0.23	1.00	0.00	1.39	137.23	1.52	0.25	1.00	0.00
1.40	134.20	1.42	0.34	1.00	0.00	1.41	133.86	1.41	0.35	1.00	0.00
1.42	132.84	1.38	0.38	1.00	0.00	1.43	132.10	1.35	0.41	1.00	0.00
1.44	131.63	1.34	0.43	1.00	0.00	1.45	132.80	1.36	0.40	1.00	0.00
1.46	132.80	1.36	0.40	1.00	0.00	1.47	133.74	1.38	0.38	1.00	0.00
1.48	133.74	1.38	0.38	1.00	0.00	1.49	134.12	1.38	0.37	1.00	0.00
1.50	134.59	1.39	0.36	1.00	0.00	1.51	136.15	1.44	0.32	1.00	0.00
1.52	136.69	1.45	0.31	1.00	0.00	1.53	139.34	1.53	0.25	1.00	0.00
1.54	140.75	1.58	0.21	1.00	0.00	1.55	143.33	1.68	0.15	1.00	0.00
1.56	143.33	1.67	0.16	1.00	0.00	1.57	144.57	1.72	0.13	1.00	0.00
1.58	145.58	1.76	0.11	1.00	0.00	1.59	147.07	1.83	0.08	1.00	0.00
1.60	148.40	1.89	0.05	1.00	0.00	1.61	149.17	1.92	0.03	1.00	0.00
1.62	150.97	2.00	0.00	1.00	0.00	1.63	150.97	2.00	0.00	1.00	0.00
1.64	153.08	2.00	0.00	1.00	0.00	1.65	155.11	2.00	0.00	1.00	0.00
1.66	157.68	2.00	0.00	1.00	0.00	1.67	164.00	2.00	0.00	1.00	0.00
1.68	166.96	2.00	0.00	1.00	0.00	1.69	172.49	2.00	0.00	1.00	0.00
1.70	172.34	2.00	0.00	1.00	0.00	1.71	174.28	2.00	0.00	1.00	0.00
1.72	175.20	2.00	0.00	1.00	0.00	1.73	176.12	2.00	0.00	1.00	0.00
1.74	175.62	2.00	0.00	1.00	0.00	1.75	174.65	2.00	0.00	1.00	0.00
1.76	171.25	2.00	0.00	1.00	0.00	1.77	171.11	2.00	0.00	1.00	0.00
1.78	169.48	2.00	0.00	1.00	0.00	1.79	167.37	2.00	0.00	1.00	0.00
1.80	164.84	2.00	0.00	1.00	0.00	1.81	159.53	2.00	0.00	1.00	0.00
1.82	155.50	2.00	0.00	1.00	0.00	1.83	148.31	1.79	0.09	1.00	0.00
1.84	148.31	1.79	0.09	1.00	0.00	1.85	144.25	1.61	0.20	1.00	0.00
1.86	141.45	1.50	0.27	1.00	0.00	1.87	138.80	1.41	0.35	1.00	0.00
1.88	135.68	1.31	0.45	1.00	0.00	1.89	130.39	1.18	0.65	1.00	0.01
1.90	128.29	1.13	0.75	1.00	0.01	1.91	124.67	1.05	0.94	1.00	0.01
1.92	126.12	1.08	0.86	1.00	0.01	1.93	125.19	1.06	0.92	1.00	0.01
1.94	124.21	1.04	0.98	1.00	0.01	1.95	123.71	1.03	1.02	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	122.28	1.00	1.13	1.00	0.01	1.97	111.97	0.85	2.69	1.00	0.03
1.98	109.72	0.83	2.92	1.00	0.03	1.99	113.02	0.86	2.43	1.00	0.02
2.00	114.41	0.88	2.13	1.00	0.02	2.01	120.23	0.96	1.33	1.00	0.01
2.02	120.23	0.96	1.34	1.00	0.01	2.03	123.43	1.01	1.09	1.00	0.01
2.04	126.24	1.06	0.91	1.00	0.01	2.05	129.59	1.13	0.74	1.00	0.01
2.06	129.21	1.12	0.77	1.00	0.01	2.07	129.21	1.12	0.77	1.00	0.01
2.08	129.21	1.11	0.77	1.00	0.01	2.09	130.92	1.15	0.70	1.00	0.01
2.10	132.71	1.19	0.62	1.00	0.01	2.11	135.68	1.26	0.51	1.00	0.01
2.12	144.11	1.53	0.25	1.00	0.00	2.13	148.11	1.69	0.14	1.00	0.00
2.14	154.29	2.00	0.00	1.00	0.00	2.15	153.55	1.97	0.01	1.00	0.00
2.16	155.17	2.00	0.00	1.00	0.00	2.17	157.06	2.00	0.00	1.00	0.00
2.18	158.49	2.00	0.00	1.00	0.00	2.19	158.79	2.00	0.00	1.00	0.00
2.20	160.06	2.00	0.00	1.00	0.00	2.21	160.08	2.00	0.00	1.00	0.00
2.22	160.26	2.00	0.00	1.00	0.00	2.23	160.12	2.00	0.00	1.00	0.00
2.24	160.81	2.00	0.00	1.00	0.00	2.25	160.96	2.00	0.00	1.00	0.00
2.26	161.14	2.00	0.00	1.00	0.00	2.27	159.61	2.00	0.00	1.00	0.00
2.28	158.29	2.00	0.00	1.00	0.00	2.29	155.75	2.00	0.00	1.00	0.00
2.30	155.61	2.00	0.00	1.00	0.00	2.31	153.84	1.94	0.02	1.00	0.00
2.32	153.75	1.93	0.03	1.00	0.00	2.33	153.61	1.92	0.03	1.00	0.00
2.34	153.09	1.89	0.05	1.00	0.00	2.35	151.70	1.82	0.08	1.00	0.00
2.36	151.40	1.80	0.09	1.00	0.00	2.37	152.96	1.88	0.05	1.00	0.00
2.38	152.82	1.87	0.06	1.00	0.00	2.39	154.82	1.98	0.01	1.00	0.00
2.40	157.47	2.00	0.00	1.00	0.00	2.41	159.51	2.00	0.00	1.00	0.00
2.42	161.42	2.00	0.00	1.00	0.00	2.43	161.39	2.00	0.00	1.00	0.00
2.44	161.25	2.00	0.00	1.00	0.00	2.45	161.55	2.00	0.00	1.00	0.00
2.46	161.42	2.00	0.00	1.00	0.00	2.47	161.12	2.00	0.00	1.00	0.00
2.48	161.48	2.00	0.00	1.00	0.00	2.49	162.34	2.00	0.00	1.00	0.00
2.50	162.91	2.00	0.00	1.00	0.00	2.51	165.83	2.00	0.00	1.00	0.00
2.52	167.37	2.00	0.00	1.00	0.00	2.53	171.77	2.00	0.00	1.00	0.00
2.54	171.63	2.00	0.00	1.00	0.00	2.55	173.13	2.00	0.00	1.00	0.00
2.56	173.10	2.00	0.00	1.00	0.00	2.57	172.64	2.00	0.00	1.00	0.00
2.58	168.81	2.00	0.00	1.00	0.00	2.59	165.73	2.00	0.00	1.00	0.00
2.60	162.08	2.00	0.00	1.00	0.00	2.61	161.95	2.00	0.00	1.00	0.00
2.62	159.69	2.00	0.00	1.00	0.00	2.63	158.68	2.00	0.00	1.00	0.00
2.64	158.34	2.00	0.00	1.00	0.00	2.65	158.87	2.00	0.00	1.00	0.00
2.66	159.99	2.00	0.00	1.00	0.00	2.67	159.81	2.00	0.00	1.00	0.00
2.68	159.89	2.00	0.00	1.00	0.00	2.69	159.76	2.00	0.00	1.00	0.00
2.70	159.36	2.00	0.00	1.00	0.00	2.71	157.65	2.00	0.00	1.00	0.00
2.72	155.28	1.94	0.02	1.00	0.00	2.73	153.66	1.85	0.07	1.00	0.00
2.74	149.83	1.66	0.17	1.00	0.00	2.75	149.14	1.62	0.19	1.00	0.00
2.76	149.13	1.62	0.19	1.00	0.00	2.77	149.00	1.62	0.19	1.00	0.00
2.78	149.00	1.61	0.19	1.00	0.00	2.79	150.20	1.67	0.16	1.00	0.00
2.80	150.86	1.70	0.14	1.00	0.00	2.81	151.34	1.72	0.13	1.00	0.00
2.82	151.11	1.70	0.14	1.00	0.00	2.83	148.27	1.58	0.22	1.00	0.00
2.84	148.15	1.57	0.22	1.00	0.00	2.85	146.14	1.49	0.28	1.00	0.00
2.86	142.83	1.37	0.39	1.00	0.00	2.87	139.90	1.28	0.49	1.00	0.00
2.88	138.66	1.24	0.54	1.00	0.01	2.89	138.82	1.24	0.53	1.00	0.01
2.90	140.23	1.28	0.48	1.00	0.00	2.91	146.23	1.49	0.28	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	146.11	1.48	0.29	1.00	0.00	2.93	149.49	1.62	0.19	1.00	0.00
2.94	153.23	1.79	0.09	1.00	0.00	2.95	156.28	1.96	0.01	1.00	0.00
2.96	158.93	2.00	0.00	1.00	0.00	2.97	151.46	1.70	0.14	1.00	0.00
2.98	151.35	1.70	0.14	1.00	0.00	2.99	155.17	1.89	0.04	1.00	0.00
3.00	157.60	2.00	0.00	1.00	0.00	3.01	158.57	2.00	0.00	1.00	0.00
3.02	162.97	2.00	0.00	1.00	0.00	3.03	162.86	2.00	0.00	1.00	0.00
3.04	165.38	2.00	0.00	1.00	0.00	3.05	166.96	2.00	0.00	1.00	0.00
3.06	169.58	2.00	0.00	1.00	0.00	3.07	174.28	2.00	0.00	1.00	0.00
3.08	177.64	2.00	0.00	1.00	0.00	3.09	181.39	2.00	0.00	1.00	0.00
3.10	181.26	2.00	0.00	1.00	0.00	3.11	182.02	2.00	0.00	1.00	0.00
3.12	183.97	2.00	0.00	1.00	0.00	3.13	185.45	2.00	0.00	1.00	0.00
3.14	186.31	2.00	0.00	1.00	0.00	3.15	184.99	2.00	0.00	1.00	0.00
3.16	181.18	2.00	0.00	1.00	0.00	3.17	181.06	2.00	0.00	1.00	0.00
3.18	181.35	2.00	0.00	1.00	0.00	3.19	181.38	2.00	0.00	1.00	0.00
3.20	181.47	2.00	0.00	1.00	0.00	3.21	181.86	2.00	0.00	1.00	0.00
3.22	179.77	2.00	0.00	1.00	0.00	3.23	174.94	2.00	0.00	1.00	0.00
3.24	174.82	2.00	0.00	1.00	0.00	3.25	172.44	2.00	0.00	1.00	0.00
3.26	170.23	2.00	0.00	1.00	0.00	3.27	169.19	2.00	0.00	1.00	0.00
3.28	165.44	2.00	0.00	1.00	0.00	3.29	163.06	2.00	0.00	1.00	0.00
3.30	157.99	2.00	0.00	1.00	0.00	3.31	157.88	2.00	0.00	1.00	0.00
3.32	153.54	1.77	0.11	1.00	0.00	3.33	149.00	1.55	0.23	1.00	0.00
3.34	144.41	1.38	0.38	1.00	0.00	3.35	140.62	1.26	0.51	1.00	0.01
3.36	136.53	1.15	0.69	1.00	0.01	3.37	135.37	1.12	0.74	1.00	0.01
3.38	135.10	1.11	0.76	1.00	0.01	3.39	134.99	1.11	0.76	1.00	0.01
3.40	135.50	1.12	0.74	1.00	0.01	3.41	136.07	1.13	0.71	1.00	0.01
3.42	136.07	1.13	0.71	1.00	0.01	3.43	135.75	1.12	0.73	1.00	0.01
3.44	131.96	1.04	0.94	1.00	0.01	3.45	129.85	1.00	1.08	1.00	0.01
3.46	124.96	0.91	1.52	1.00	0.02	3.47	124.86	0.91	1.53	1.00	0.02
3.48	123.01	0.88	1.77	1.00	0.02	3.49	121.65	0.86	1.99	1.00	0.02
3.50	120.13	0.84	2.30	1.00	0.02	3.51	120.21	0.84	2.28	1.00	0.02
3.52	121.54	0.86	2.02	1.00	0.02	3.53	126.94	0.94	1.33	1.00	0.01
3.54	126.85	0.94	1.34	1.00	0.01	3.55	130.24	1.00	1.07	1.00	0.01
3.56	133.42	1.06	0.87	1.00	0.01	3.57	137.37	1.16	0.67	1.00	0.01
3.58	146.96	1.45	0.31	1.00	0.00	3.59	152.72	1.70	0.14	1.00	0.00
3.60	166.54	2.00	0.00	1.00	0.00	3.61	166.44	2.00	0.00	1.00	0.00
3.62	171.26	2.00	0.00	1.00	0.00	3.63	174.66	2.00	0.00	1.00	0.00
3.64	177.01	2.00	0.00	1.00	0.00	3.65	176.65	2.00	0.00	1.00	0.00
3.66	174.38	2.00	0.00	1.00	0.00	3.67	169.65	2.00	0.00	1.00	0.00
3.68	169.54	2.00	0.00	1.00	0.00	3.69	167.58	2.00	0.00	1.00	0.00
3.70	165.44	2.00	0.00	1.00	0.00	3.71	162.68	2.00	0.00	1.00	0.00
3.72	160.39	2.00	0.00	1.00	0.00	3.73	157.03	1.92	0.03	1.00	0.00
3.74	153.92	1.75	0.11	1.00	0.00	3.75	148.57	1.50	0.27	1.00	0.00
3.76	148.48	1.50	0.27	1.00	0.00	3.77	146.03	1.41	0.35	1.00	0.00
3.78	144.27	1.34	0.41	1.00	0.00	3.79	144.56	1.35	0.40	1.00	0.00
3.80	143.93	1.33	0.43	1.00	0.00	3.81	143.03	1.30	0.46	1.00	0.00
3.82	142.02	1.27	0.50	1.00	0.00	3.83	141.93	1.27	0.50	1.00	0.01
3.84	142.17	1.27	0.49	1.00	0.00	3.85	142.99	1.30	0.46	1.00	0.00
3.86	142.48	1.28	0.48	1.00	0.00	3.87	140.82	1.23	0.55	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	139.98	1.21	0.58	1.00	0.01	3.89	137.62	1.15	0.69	1.00	0.01
3.90	137.53	1.14	0.69	1.00	0.01	3.91	135.60	1.10	0.79	1.00	0.01
3.92	133.06	1.04	0.93	1.00	0.01	3.93	129.84	0.97	1.16	1.00	0.01
3.94	125.67	0.90	1.55	1.00	0.02	3.95	116.46	0.77	2.74	1.00	0.03
3.96	116.38	0.77	2.74	1.00	0.03	3.97	110.47	0.70	2.90	1.00	0.03
3.98	109.21	0.69	2.93	1.00	0.03	3.99	104.94	0.65	3.06	1.00	0.03
4.00	102.29	0.63	3.14	1.00	0.03	4.01	102.22	0.63	3.14	1.00	0.03
4.02	102.11	0.63	3.15	1.00	0.03	4.03	101.87	0.62	3.15	1.00	0.03
4.04	105.57	0.65	3.04	1.00	0.03	4.05	108.66	0.68	2.95	1.00	0.03
4.06	114.09	0.74	2.80	1.00	0.03	4.07	114.00	0.74	2.80	1.00	0.03
4.08	116.58	0.77	2.74	1.00	0.03	4.09	118.09	0.79	2.70	1.00	0.03
4.10	119.97	0.81	2.64	1.00	0.03	4.11	122.39	0.84	2.08	1.00	0.02
4.12	126.49	0.91	1.50	1.00	0.01	4.13	128.20	0.94	1.32	1.00	0.01
4.14	131.39	0.99	1.07	1.00	0.01	4.15	131.30	0.99	1.08	1.00	0.01
4.16	133.23	1.03	0.95	1.00	0.01	4.17	134.59	1.06	0.87	1.00	0.01
4.18	136.07	1.09	0.79	1.00	0.01	4.19	141.98	1.25	0.52	1.00	0.01
4.20	145.03	1.35	0.41	1.00	0.00	4.21	150.91	1.57	0.22	1.00	0.00
4.22	150.82	1.57	0.22	1.00	0.00	4.23	153.87	1.71	0.13	1.00	0.00
4.24	156.69	1.86	0.06	1.00	0.00	4.25	158.67	1.98	0.01	1.00	0.00
4.26	162.96	2.00	0.00	1.00	0.00	4.27	164.51	2.00	0.00	1.00	0.00
4.28	168.00	2.00	0.00	1.00	0.00	4.29	167.91	2.00	0.00	1.00	0.00
4.30	168.37	2.00	0.00	1.00	0.00	4.31	169.80	2.00	0.00	1.00	0.00
4.32	171.14	2.00	0.00	1.00	0.00	4.33	173.57	2.00	0.00	1.00	0.00
4.34	175.45	2.00	0.00	1.00	0.00	4.35	179.94	2.00	0.00	1.00	0.00
4.36	179.84	2.00	0.00	1.00	0.00	4.37	183.49	2.00	0.00	1.00	0.00
4.38	185.74	2.00	0.00	1.00	0.00	4.39	187.73	2.00	0.00	1.00	0.00
4.40	188.02	2.00	0.00	1.00	0.00	4.41	185.36	2.00	0.00	1.00	0.00
4.42	182.17	2.00	0.00	1.00	0.00	4.43	182.07	2.00	0.00	1.00	0.00
4.44	179.48	2.00	0.00	1.00	0.00	4.45	176.32	2.00	0.00	1.00	0.00
4.46	173.20	2.00	0.00	1.00	0.00	4.47	164.28	2.00	0.00	1.00	0.00
4.48	161.73	2.00	0.00	1.00	0.00	4.49	155.78	1.80	0.09	1.00	0.00
4.50	155.68	1.79	0.09	1.00	0.00	4.51	153.77	1.69	0.14	1.00	0.00
4.52	152.12	1.62	0.19	1.00	0.00	4.53	151.30	1.58	0.22	1.00	0.00
4.54	152.30	1.62	0.19	1.00	0.00	4.55	155.31	1.77	0.10	1.00	0.00
4.56	156.90	1.86	0.06	1.00	0.00	4.57	159.02	1.99	0.00	1.00	0.00
4.58	158.92	1.98	0.01	1.00	0.00	4.59	158.01	1.92	0.03	1.00	0.00
4.60	157.35	1.89	0.05	1.00	0.00	4.61	156.23	1.82	0.08	1.00	0.00
4.62	155.88	1.80	0.09	1.00	0.00	4.63	155.63	1.79	0.09	1.00	0.00
4.64	152.64	1.64	0.18	1.00	0.00	4.65	152.55	1.63	0.18	1.00	0.00
4.66	150.29	1.53	0.25	1.00	0.00	4.67	146.68	1.39	0.37	1.00	0.00
4.68	143.35	1.28	0.49	1.00	0.00	4.69	140.23	1.19	0.61	1.00	0.01
4.70	133.34	1.02	0.99	1.00	0.01	4.71	130.92	0.97	1.17	1.00	0.01
4.72	126.40	0.88	1.63	1.00	0.02	4.73	126.32	0.88	1.64	1.00	0.02
4.74	125.09	0.86	1.82	1.00	0.02	4.75	124.25	0.85	1.95	1.00	0.02
4.76	124.28	0.85	1.95	1.00	0.02	4.77	125.83	0.87	1.71	1.00	0.02
4.78	127.24	0.90	1.54	1.00	0.02	4.79	129.72	0.94	1.28	1.00	0.01
4.80	129.64	0.94	1.29	1.00	0.01	4.81	130.93	0.96	1.18	1.00	0.01
4.82	131.75	0.98	1.12	1.00	0.01	4.83	132.99	1.00	1.03	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	134.28	1.03	0.94	1.00	0.01	4.85	135.56	1.06	0.86	1.00	0.01
4.86	135.94	1.07	0.84	1.00	0.01	4.87	135.08	1.05	0.89	1.00	0.01
4.88	135.00	1.05	0.90	1.00	0.01	4.89	134.60	1.04	0.93	1.00	0.01
4.90	133.00	1.00	1.03	1.00	0.01	4.91	128.76	0.92	1.39	1.00	0.01
4.92	126.47	0.88	1.66	1.00	0.02	4.93	121.19	0.80	2.63	1.00	0.03
4.94	121.12	0.80	2.63	1.00	0.03	4.95	108.34	0.65	2.96	1.00	0.03
4.96	108.27	0.65	2.96	1.00	0.03	4.97	109.63	0.67	2.92	1.00	0.03
4.98	108.08	0.65	2.97	1.00	0.03	4.99	105.55	0.63	3.04	1.00	0.03
5.00	103.61	0.61	3.10	1.00	0.03	5.01	101.82	0.60	3.15	1.00	0.03
5.02	100.78	0.59	3.19	1.00	0.03	5.03	100.18	0.59	3.21	1.00	0.03
5.04	100.17	0.59	3.21	1.00	0.03	5.05	100.80	0.59	3.19	1.00	0.03
5.06	100.74	0.59	3.19	1.00	0.03	5.07	101.00	0.59	3.18	1.00	0.03
5.08	100.67	0.59	3.19	1.00	0.03	5.09	99.99	0.58	3.21	1.00	0.03
5.10	97.56	0.57	3.30	1.00	0.03	5.11	97.30	0.56	3.30	1.00	0.03
5.12	96.12	0.56	3.34	1.00	0.03	5.13	96.85	0.56	3.32	1.00	0.03
5.14	96.10	0.56	3.35	1.00	0.03	5.15	95.85	0.55	3.35	1.00	0.03
5.16	96.23	0.56	3.34	1.00	0.03	5.17	95.39	0.55	3.37	1.00	0.03
5.18	96.23	0.56	3.34	1.00	0.03	5.19	95.03	0.55	3.38	1.00	0.03
5.20	96.75	0.56	3.32	1.00	0.03	5.21	96.87	0.56	3.32	1.00	0.03
5.22	98.01	0.57	3.28	1.00	0.03	5.23	98.46	0.57	3.26	1.00	0.03
5.24	99.76	0.58	3.22	1.00	0.03	5.25	100.73	0.59	3.19	1.00	0.03
5.26	102.63	0.60	3.13	1.00	0.03	5.27	102.70	0.60	3.13	1.00	0.03
5.28	104.68	0.62	3.07	1.00	0.03	5.29	104.74	0.62	3.06	1.00	0.03
5.30	105.20	0.62	3.05	1.00	0.03	5.31	105.77	0.62	3.03	1.00	0.03
5.32	106.83	0.63	3.00	1.00	0.03	5.33	105.18	0.62	3.05	1.00	0.03
5.34	106.07	0.63	3.02	1.00	0.03	5.35	103.28	0.60	3.11	1.00	0.03
5.36	104.64	0.61	3.07	1.00	0.03	5.37	103.61	0.61	3.10	1.00	0.03
5.38	102.90	0.60	3.12	1.00	0.03	5.39	102.06	0.59	3.15	1.00	0.03
5.40	100.32	0.58	3.20	1.00	0.03	5.41	99.31	0.57	3.24	1.00	0.03
5.42	98.82	0.57	3.25	1.00	0.03	5.43	97.65	0.56	3.29	1.00	0.03
5.44	97.28	0.56	3.30	1.00	0.03	5.45	96.25	0.55	3.34	1.00	0.03
5.46	94.71	0.54	3.40	1.00	0.03	5.47	91.30	0.52	3.52	1.00	0.04
5.48	88.96	0.51	3.61	1.00	0.04	5.49	82.40	0.47	3.90	1.00	0.04
5.50	81.63	0.47	3.93	1.00	0.04	5.51	78.53	0.46	4.08	1.00	0.04
5.52	78.66	0.46	4.07	1.00	0.04	5.53	78.75	0.46	4.07	1.00	0.04
5.54	79.51	0.46	4.03	1.00	0.04	5.55	79.96	0.46	4.01	1.00	0.04
5.56	80.95	0.47	3.96	1.00	0.04	5.57	81.41	0.47	3.94	1.00	0.04
5.58	82.64	0.47	3.89	1.00	0.04	5.59	82.59	0.47	3.89	1.00	0.04
5.60	84.25	0.48	3.81	1.00	0.04	5.61	86.02	0.49	3.74	1.00	0.04
5.62	87.85	0.50	3.66	1.00	0.04	5.63	93.15	0.53	3.45	1.00	0.03
5.64	96.03	0.55	3.35	1.00	0.03	5.65	102.60	0.59	3.13	1.00	0.03
5.66	102.54	0.59	3.13	1.00	0.03	5.67	106.55	0.62	3.01	1.00	0.03
5.68	109.68	0.65	2.92	1.00	0.03	5.69	113.06	0.68	2.83	1.00	0.03
5.70	116.00	0.72	2.75	1.00	0.03	5.71	115.77	0.71	2.76	1.00	0.03
5.72	114.71	0.70	2.79	1.00	0.03	5.73	114.65	0.70	2.79	1.00	0.03
5.74	113.63	0.69	2.81	1.00	0.03	5.75	112.15	0.67	2.85	1.00	0.03
5.76	110.75	0.66	2.89	1.00	0.03	5.77	108.95	0.64	2.94	1.00	0.03
5.78	105.70	0.62	3.03	1.00	0.03	5.79	103.67	0.60	3.10	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	99.54	0.57	3.23	1.00	0.03	5.81	99.48	0.57	3.23	1.00	0.03
5.82	96.77	0.55	3.32	1.00	0.03	5.83	94.29	0.53	3.41	1.00	0.03
5.84	94.73	0.54	3.39	1.00	0.03	5.85	93.80	0.53	3.43	1.00	0.03
5.86	98.75	0.56	3.25	1.00	0.03	5.87	97.27	0.55	3.30	1.00	0.03
5.88	101.49	0.58	3.16	1.00	0.03	5.89	100.76	0.58	3.19	1.00	0.03
5.90	101.37	0.58	3.17	1.00	0.03	5.91	101.52	0.58	3.16	1.00	0.03
5.92	101.95	0.58	3.15	1.00	0.03	5.93	98.62	0.56	3.26	1.00	0.03
5.94	98.72	0.56	3.26	1.00	0.03	5.95	94.98	0.54	3.39	1.00	0.03
5.96	96.32	0.55	3.34	1.00	0.03	5.97	94.44	0.53	3.41	1.00	0.03
5.98	91.38	0.52	3.52	1.00	0.04	5.99	91.14	0.51	3.53	1.00	0.04
6.00	88.30	0.50	3.64	1.00	0.04	6.01	87.75	0.50	3.66	1.00	0.04
6.02	87.74	0.50	3.66	1.00	0.04	6.03	85.84	0.49	3.74	1.00	0.04
6.04	89.35	0.50	3.60	1.00	0.04	6.05	83.84	0.48	3.83	1.00	0.04
6.06	84.27	0.48	3.81	1.00	0.04	6.07	84.40	0.48	3.81	1.00	0.04
6.08	86.56	0.49	3.71	1.00	0.04	6.09	90.93	0.51	3.54	1.00	0.04
6.10	88.14	0.50	3.65	1.00	0.04	6.11	84.97	0.48	3.78	1.00	0.04
6.12	77.49	0.45	4.13	1.00	0.04	6.13	75.53	0.44	4.24	1.00	0.04
6.14	73.97	0.43	4.32	1.00	0.04	6.15	73.88	0.43	4.32	1.00	0.04
6.16	74.14	0.43	4.31	1.00	0.04	6.17	74.26	0.43	4.30	1.00	0.04
6.18	75.22	0.44	4.25	1.00	0.04	6.19	76.75	0.44	4.17	1.00	0.04
6.20	78.17	0.45	4.10	1.00	0.04	6.21	78.51	0.45	4.08	1.00	0.04
6.22	78.63	0.45	4.08	1.00	0.04	6.23	80.10	0.46	4.00	1.00	0.04
6.24	81.74	0.46	3.93	1.00	0.04	6.25	86.15	0.48	3.73	1.00	0.04
6.26	86.84	0.49	3.70	1.00	0.04	6.27	90.63	0.51	3.55	1.00	0.04
6.28	90.97	0.51	3.53	1.00	0.04	6.29	92.11	0.52	3.49	1.00	0.03
6.30	94.62	0.53	3.40	1.00	0.03	6.31	91.23	0.51	3.52	1.00	0.04
6.32	91.08	0.51	3.53	1.00	0.04	6.33	81.41	0.46	3.94	1.00	0.04
6.34	83.99	0.47	3.82	1.00	0.04	6.35	79.75	0.45	4.02	1.00	0.04
6.36	18.78	2.00	0.00	1.00	0.00	6.37	15.46	2.00	0.00	1.00	0.00
6.38	13.04	2.00	0.00	1.00	0.00	6.39	10.47	2.00	0.00	1.00	0.00
6.40	9.34	2.00	0.00	1.00	0.00	6.41	7.21	2.00	0.00	1.00	0.00
6.42	7.20	2.00	0.00	1.00	0.00	6.43	6.13	2.00	0.00	1.00	0.00
6.44	6.12	2.00	0.00	1.00	0.00	6.45	7.48	2.00	0.00	1.00	0.00
6.46	9.48	2.00	0.00	1.00	0.00	6.47	16.72	2.00	0.00	1.00	0.00
6.48	98.07	0.55	3.28	1.00	0.03	6.49	97.96	0.55	3.28	1.00	0.03
6.50	99.48	0.56	3.23	1.00	0.03	6.51	97.42	0.55	3.30	1.00	0.03
6.52	98.69	0.56	3.26	1.00	0.03	6.53	99.48	0.56	3.23	1.00	0.03
6.54	97.41	0.55	3.30	1.00	0.03	6.55	97.08	0.54	3.31	1.00	0.03
6.56	91.50	0.51	3.51	1.00	0.04	6.57	93.69	0.52	3.43	1.00	0.03
6.58	90.91	0.51	3.54	1.00	0.04	6.59	88.75	0.50	3.62	1.00	0.04
6.60	86.47	0.48	3.72	1.00	0.04	6.61	84.04	0.47	3.82	1.00	0.04
6.62	77.23	0.44	4.15	1.00	0.04	6.63	18.29	2.00	0.00	1.00	0.00
6.64	12.90	2.00	0.00	1.00	0.00	6.65	12.88	2.00	0.00	1.00	0.00
6.66	11.37	2.00	0.00	1.00	0.00	6.67	10.04	2.00	0.00	1.00	0.00
6.68	9.16	2.00	0.00	1.00	0.00	6.69	8.59	2.00	0.00	1.00	0.00
6.70	6.54	2.00	0.00	1.00	0.00	6.71	5.90	2.00	0.00	1.00	0.00
6.72	5.19	2.00	0.00	1.00	0.00	6.73	5.19	2.00	0.00	1.00	0.00
6.74	5.31	2.00	0.00	1.00	0.00	6.75	6.70	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	8.94	2.00	0.00	1.00	0.00	6.77	16.94	2.00	0.00	1.00	0.00
6.78	21.64	2.00	0.00	1.00	0.00	6.79	82.32	0.46	3.90	1.00	0.04
6.80	81.19	0.46	3.95	1.00	0.04	6.81	81.34	0.46	3.95	1.00	0.04
6.82	81.51	0.46	3.94	1.00	0.04	6.83	80.71	0.46	3.97	1.00	0.04
6.84	80.72	0.46	3.97	1.00	0.04	6.85	80.03	0.45	4.01	1.00	0.04
6.86	81.24	0.46	3.95	1.00	0.04	6.87	81.01	0.46	3.96	1.00	0.04
6.88	82.43	0.46	3.89	1.00	0.04	6.89	83.34	0.47	3.85	1.00	0.04
6.90	84.31	0.47	3.81	1.00	0.04	6.91	85.28	0.48	3.77	1.00	0.04
6.92	84.56	0.47	3.80	1.00	0.04	6.93	84.23	0.47	3.81	1.00	0.04
6.94	78.13	0.44	4.10	1.00	0.04	6.95	21.70	2.00	0.00	1.00	0.00
6.96	18.95	2.00	0.00	1.00	0.00	6.97	16.58	2.00	0.00	1.00	0.00
6.98	11.11	2.00	0.00	1.00	0.00	6.99	11.10	2.00	0.00	1.00	0.00
7.00	10.35	2.00	0.00	1.00	0.00	7.01	9.38	2.00	0.00	1.00	0.00
7.02	8.64	2.00	0.00	1.00	0.00	7.03	8.64	2.00	0.00	1.00	0.00
7.04	9.19	2.00	0.00	1.00	0.00	7.05	10.43	2.00	0.00	1.00	0.00
7.06	13.24	2.00	0.00	1.00	0.00	7.07	19.08	2.00	0.00	1.00	0.00
7.08	19.30	2.00	0.00	1.00	0.00	7.09	15.35	2.00	0.00	1.00	0.00
7.10	15.33	2.00	0.00	1.00	0.00	7.11	12.75	2.00	0.00	1.00	0.00
7.12	10.33	2.00	0.00	1.00	0.00	7.13	8.63	2.00	0.00	1.00	0.00
7.14	7.39	2.00	0.00	1.00	0.00	7.15	6.25	2.00	0.00	1.00	0.00
7.16	6.87	2.00	0.00	1.00	0.00	7.17	7.76	2.00	0.00	1.00	0.00
7.18	10.01	2.00	0.00	1.00	0.00	7.19	10.00	2.00	0.00	1.00	0.00
7.20	11.34	2.00	0.00	1.00	0.00	7.21	11.23	2.00	0.00	1.00	0.00
7.22	10.72	2.00	0.00	1.00	0.00	7.23	9.82	2.00	0.00	1.00	0.00
7.24	9.14	2.00	0.00	1.00	0.00	7.25	8.23	2.00	0.00	1.00	0.00
7.26	5.93	2.00	0.00	1.00	0.00	7.27	5.93	2.00	0.00	1.00	0.00
7.28	4.73	2.00	0.00	1.00	0.00	7.29	3.88	2.00	0.00	1.00	0.00
7.30	3.48	2.00	0.00	1.00	0.00	7.31	3.59	2.00	0.00	1.00	0.00
7.32	6.53	2.00	0.00	1.00	0.00	7.33	8.70	2.00	0.00	1.00	0.00
7.34	14.41	2.00	0.00	1.00	0.00	7.35	14.42	2.00	0.00	1.00	0.00
7.36	17.05	2.00	0.00	1.00	0.00	7.37	17.33	2.00	0.00	1.00	0.00
7.38	15.56	2.00	0.00	1.00	0.00	7.39	14.94	2.00	0.00	1.00	0.00
7.40	14.81	2.00	0.00	1.00	0.00	7.41	13.09	2.00	0.00	1.00	0.00
7.42	11.70	2.00	0.00	1.00	0.00	7.43	9.21	2.00	0.00	1.00	0.00
7.44	9.21	2.00	0.00	1.00	0.00	7.45	8.43	2.00	0.00	1.00	0.00
7.46	7.69	2.00	0.00	1.00	0.00	7.47	7.58	2.00	0.00	1.00	0.00
7.48	8.46	2.00	0.00	1.00	0.00	7.49	12.53	2.00	0.00	1.00	0.00
7.50	15.17	2.00	0.00	1.00	0.00	7.51	19.89	2.00	0.00	1.00	0.00
7.52	19.89	2.00	0.00	1.00	0.00	7.53	21.12	2.00	0.00	1.00	0.00
7.54	21.76	2.00	0.00	1.00	0.00	7.55	22.17	2.00	0.00	1.00	0.00
7.56	22.97	2.00	0.00	1.00	0.00	7.57	23.66	2.00	0.00	1.00	0.00
7.58	82.19	0.46	3.91	1.00	0.04	7.59	23.69	2.00	0.00	1.00	0.00
7.60	18.08	2.00	0.00	1.00	0.00	7.61	18.05	2.00	0.00	1.00	0.00
7.62	15.83	2.00	0.00	1.00	0.00	7.63	14.12	2.00	0.00	1.00	0.00
7.64	11.99	2.00	0.00	1.00	0.00	7.65	8.54	2.00	0.00	1.00	0.00
7.66	5.13	2.00	0.00	1.00	0.00	7.67	4.46	2.00	0.00	1.00	0.00
7.68	5.73	2.00	0.00	1.00	0.00	7.69	5.72	2.00	0.00	1.00	0.00
7.70	7.75	2.00	0.00	1.00	0.00	7.71	9.66	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	11.40	2.00	0.00	1.00	0.00	7.73	11.23	2.00	0.00	1.00	0.00
7.74	10.78	2.00	0.00	1.00	0.00	7.75	8.60	2.00	0.00	1.00	0.00
7.76	7.56	2.00	0.00	1.00	0.00	7.77	6.03	2.00	0.00	1.00	0.00
7.78	6.02	2.00	0.00	1.00	0.00	7.79	5.96	2.00	0.00	1.00	0.00
7.80	6.02	2.00	0.00	1.00	0.00	7.81	6.12	2.00	0.00	1.00	0.00
7.82	6.12	2.00	0.00	1.00	0.00	7.83	6.17	2.00	0.00	1.00	0.00
7.84	6.11	2.00	0.00	1.00	0.00	7.85	6.21	2.00	0.00	1.00	0.00
7.86	6.33	2.00	0.00	1.00	0.00	7.87	6.32	2.00	0.00	1.00	0.00
7.88	6.37	2.00	0.00	1.00	0.00	7.89	6.48	2.00	0.00	1.00	0.00
7.90	6.64	2.00	0.00	1.00	0.00	7.91	6.64	2.00	0.00	1.00	0.00
7.92	6.64	2.00	0.00	1.00	0.00	7.93	6.84	2.00	0.00	1.00	0.00
7.94	6.84	2.00	0.00	1.00	0.00	7.95	6.73	2.00	0.00	1.00	0.00
7.96	6.73	2.00	0.00	1.00	0.00	7.97	6.72	2.00	0.00	1.00	0.00
7.98	6.51	2.00	0.00	1.00	0.00	7.99	6.51	2.00	0.00	1.00	0.00
8.00	6.39	2.00	0.00	1.00	0.00	8.01	6.33	2.00	0.00	1.00	0.00
8.02	6.22	2.00	0.00	1.00	0.00	8.03	6.21	2.00	0.00	1.00	0.00
8.04	6.21	2.00	0.00	1.00	0.00	8.05	6.10	2.00	0.00	1.00	0.00
8.06	6.10	2.00	0.00	1.00	0.00	8.07	6.10	2.00	0.00	1.00	0.00
8.08	5.99	2.00	0.00	1.00	0.00	8.09	5.93	2.00	0.00	1.00	0.00
8.10	5.93	2.00	0.00	1.00	0.00	8.11	5.92	2.00	0.00	1.00	0.00
8.12	5.86	2.00	0.00	1.00	0.00	8.13	5.81	2.00	0.00	1.00	0.00
8.14	5.75	2.00	0.00	1.00	0.00	8.15	5.75	2.00	0.00	1.00	0.00
8.16	5.74	2.00	0.00	1.00	0.00	8.17	5.74	2.00	0.00	1.00	0.00
8.18	5.84	2.00	0.00	1.00	0.00	8.19	5.84	2.00	0.00	1.00	0.00
8.20	5.84	2.00	0.00	1.00	0.00	8.21	5.83	2.00	0.00	1.00	0.00
8.22	5.89	2.00	0.00	1.00	0.00	8.23	5.83	2.00	0.00	1.00	0.00
8.24	5.72	2.00	0.00	1.00	0.00	8.25	5.72	2.00	0.00	1.00	0.00
8.26	5.72	2.00	0.00	1.00	0.00	8.27	5.71	2.00	0.00	1.00	0.00
8.28	5.71	2.00	0.00	1.00	0.00	8.29	5.71	2.00	0.00	1.00	0.00
8.30	5.65	2.00	0.00	1.00	0.00	8.31	5.60	2.00	0.00	1.00	0.00
8.32	5.64	2.00	0.00	1.00	0.00	8.33	5.64	2.00	0.00	1.00	0.00
8.34	5.64	2.00	0.00	1.00	0.00	8.35	5.69	2.00	0.00	1.00	0.00
8.36	5.75	2.00	0.00	1.00	0.00	8.37	5.74	2.00	0.00	1.00	0.00
8.38	5.74	2.00	0.00	1.00	0.00	8.39	5.68	2.00	0.00	1.00	0.00
8.40	5.58	2.00	0.00	1.00	0.00	8.41	5.57	2.00	0.00	1.00	0.00
8.42	5.57	2.00	0.00	1.00	0.00	8.43	5.61	2.00	0.00	1.00	0.00
8.44	5.61	2.00	0.00	1.00	0.00	8.45	5.67	2.00	0.00	1.00	0.00
8.46	5.72	2.00	0.00	1.00	0.00	8.47	5.82	2.00	0.00	1.00	0.00
8.48	6.14	2.00	0.00	1.00	0.00	8.49	6.40	2.00	0.00	1.00	0.00
8.50	6.87	2.00	0.00	1.00	0.00	8.51	6.87	2.00	0.00	1.00	0.00
8.52	7.18	2.00	0.00	1.00	0.00	8.53	7.38	2.00	0.00	1.00	0.00
8.54	7.54	2.00	0.00	1.00	0.00	8.55	7.75	2.00	0.00	1.00	0.00
8.56	8.11	2.00	0.00	1.00	0.00	8.57	8.22	2.00	0.00	1.00	0.00
8.58	8.16	2.00	0.00	1.00	0.00	8.59	8.15	2.00	0.00	1.00	0.00
8.60	8.09	2.00	0.00	1.00	0.00	8.61	8.09	2.00	0.00	1.00	0.00
8.62	8.24	2.00	0.00	1.00	0.00	8.63	8.51	2.00	0.00	1.00	0.00
8.64	8.66	2.00	0.00	1.00	0.00	8.65	9.17	2.00	0.00	1.00	0.00
8.66	9.17	2.00	0.00	1.00	0.00	8.67	9.42	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	9.48	2.00	0.00	1.00	0.00	8.69	9.73	2.00	0.00	1.00	0.00
8.70	9.88	2.00	0.00	1.00	0.00	8.71	10.03	2.00	0.00	1.00	0.00
8.72	10.34	2.00	0.00	1.00	0.00	8.73	10.43	2.00	0.00	1.00	0.00
8.74	10.64	2.00	0.00	1.00	0.00	8.75	10.64	2.00	0.00	1.00	0.00
8.76	10.57	2.00	0.00	1.00	0.00	8.77	10.16	2.00	0.00	1.00	0.00
8.78	10.05	2.00	0.00	1.00	0.00	8.79	9.83	2.00	0.00	1.00	0.00
8.80	9.94	2.00	0.00	1.00	0.00	8.81	9.72	2.00	0.00	1.00	0.00
8.82	9.72	2.00	0.00	1.00	0.00	8.83	9.46	2.00	0.00	1.00	0.00
8.84	9.45	2.00	0.00	1.00	0.00	8.85	9.49	2.00	0.00	1.00	0.00
8.86	9.44	2.00	0.00	1.00	0.00	8.87	9.32	2.00	0.00	1.00	0.00
8.88	9.22	2.00	0.00	1.00	0.00	8.89	9.11	2.00	0.00	1.00	0.00
8.90	9.11	2.00	0.00	1.00	0.00	8.91	8.95	2.00	0.00	1.00	0.00
8.92	8.73	2.00	0.00	1.00	0.00	8.93	8.68	2.00	0.00	1.00	0.00
8.94	8.52	2.00	0.00	1.00	0.00	8.95	8.41	2.00	0.00	1.00	0.00
8.96	8.51	2.00	0.00	1.00	0.00	8.97	8.38	2.00	0.00	1.00	0.00
8.98	8.20	2.00	0.00	1.00	0.00	8.99	8.19	2.00	0.00	1.00	0.00
9.00	8.50	2.00	0.00	1.00	0.00	9.01	8.44	2.00	0.00	1.00	0.00
9.02	8.49	2.00	0.00	1.00	0.00	9.03	8.48	2.00	0.00	1.00	0.00
9.04	8.48	2.00	0.00	1.00	0.00	9.05	8.11	2.00	0.00	1.00	0.00
9.06	7.95	2.00	0.00	1.00	0.00	9.07	7.38	2.00	0.00	1.00	0.00
9.08	7.38	2.00	0.00	1.00	0.00	9.09	7.22	2.00	0.00	1.00	0.00
9.10	7.06	2.00	0.00	1.00	0.00	9.11	6.96	2.00	0.00	1.00	0.00
9.12	6.55	2.00	0.00	1.00	0.00	9.13	6.44	2.00	0.00	1.00	0.00
9.14	6.70	2.00	0.00	1.00	0.00	9.15	6.70	2.00	0.00	1.00	0.00
9.16	6.74	2.00	0.00	1.00	0.00	9.17	6.83	2.00	0.00	1.00	0.00
9.18	6.98	2.00	0.00	1.00	0.00	9.19	7.24	2.00	0.00	1.00	0.00
9.20	7.34	2.00	0.00	1.00	0.00	9.21	8.14	2.00	0.00	1.00	0.00
9.22	8.14	2.00	0.00	1.00	0.00	9.23	8.40	2.00	0.00	1.00	0.00
9.24	8.34	2.00	0.00	1.00	0.00	9.25	8.34	2.00	0.00	1.00	0.00
9.26	8.13	2.00	0.00	1.00	0.00	9.27	8.02	2.00	0.00	1.00	0.00
9.28	8.07	2.00	0.00	1.00	0.00	9.29	8.07	2.00	0.00	1.00	0.00
9.30	7.91	2.00	0.00	1.00	0.00	9.31	7.95	2.00	0.00	1.00	0.00
9.32	8.10	2.00	0.00	1.00	0.00	9.33	8.10	2.00	0.00	1.00	0.00
9.34	8.20	2.00	0.00	1.00	0.00	9.35	8.39	2.00	0.00	1.00	0.00
9.36	8.94	2.00	0.00	1.00	0.00	9.37	8.94	2.00	0.00	1.00	0.00
9.38	9.04	2.00	0.00	1.00	0.00	9.39	9.23	2.00	0.00	1.00	0.00
9.40	9.44	2.00	0.00	1.00	0.00	9.41	9.33	2.00	0.00	1.00	0.00
9.42	9.27	2.00	0.00	1.00	0.00	9.43	9.27	2.00	0.00	1.00	0.00
9.44	9.51	2.00	0.00	1.00	0.00	9.45	9.66	2.00	0.00	1.00	0.00
9.46	9.71	2.00	0.00	1.00	0.00	9.47	9.71	2.00	0.00	1.00	0.00
9.48	9.65	2.00	0.00	1.00	0.00	9.49	9.75	2.00	0.00	1.00	0.00
9.50	9.59	2.00	0.00	1.00	0.00	9.51	9.59	2.00	0.00	1.00	0.00
9.52	9.28	2.00	0.00	1.00	0.00	9.53	8.98	2.00	0.00	1.00	0.00
9.54	8.72	2.00	0.00	1.00	0.00	9.55	8.51	2.00	0.00	1.00	0.00
9.56	8.11	2.00	0.00	1.00	0.00	9.57	8.11	2.00	0.00	1.00	0.00
9.58	7.60	2.00	0.00	1.00	0.00	9.59	7.59	2.00	0.00	1.00	0.00
9.60	7.24	2.00	0.00	1.00	0.00	9.61	7.09	2.00	0.00	1.00	0.00
9.62	6.98	2.00	0.00	1.00	0.00	9.63	6.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	6.53	2.00	0.00	1.00	0.00	9.65	6.12	2.00	0.00	1.00	0.00
9.66	6.12	2.00	0.00	1.00	0.00	9.67	5.96	2.00	0.00	1.00	0.00
9.68	5.81	2.00	0.00	1.00	0.00	9.69	5.76	2.00	0.00	1.00	0.00
9.70	5.76	2.00	0.00	1.00	0.00	9.71	5.85	2.00	0.00	1.00	0.00
9.72	5.85	2.00	0.00	1.00	0.00	9.73	5.94	2.00	0.00	1.00	0.00
9.74	5.94	2.00	0.00	1.00	0.00	9.75	5.90	2.00	0.00	1.00	0.00
9.76	5.84	2.00	0.00	1.00	0.00	9.77	5.89	2.00	0.00	1.00	0.00
9.78	5.98	2.00	0.00	1.00	0.00	9.79	5.93	2.00	0.00	1.00	0.00
9.80	5.88	2.00	0.00	1.00	0.00	9.81	5.83	2.00	0.00	1.00	0.00
9.82	5.82	2.00	0.00	1.00	0.00	9.83	5.77	2.00	0.00	1.00	0.00
9.84	5.72	2.00	0.00	1.00	0.00	9.85	5.72	2.00	0.00	1.00	0.00
9.86	5.72	2.00	0.00	1.00	0.00	9.87	5.66	2.00	0.00	1.00	0.00
9.88	5.96	2.00	0.00	1.00	0.00	9.89	5.95	2.00	0.00	1.00	0.00
9.90	6.10	2.00	0.00	1.00	0.00	9.91	6.25	2.00	0.00	1.00	0.00
9.92	6.39	2.00	0.00	1.00	0.00	9.93	6.83	2.00	0.00	1.00	0.00
9.94	7.07	2.00	0.00	1.00	0.00	9.95	7.66	2.00	0.00	1.00	0.00
9.96	7.66	2.00	0.00	1.00	0.00	9.97	8.05	2.00	0.00	1.00	0.00
9.98	8.44	2.00	0.00	1.00	0.00	9.99	8.43	2.00	0.00	1.00	0.00
10.00	9.46	2.00	0.00	1.00	0.00	10.01	10.20	2.00	0.00	1.00	0.00
10.02	11.41	2.00	0.00	1.00	0.00	10.03	11.94	2.00	0.00	1.00	0.00
10.04	12.67	2.00	0.00	1.00	0.00	10.05	12.67	2.00	0.00	1.00	0.00
10.06	13.00	2.00	0.00	1.00	0.00	10.07	13.14	2.00	0.00	1.00	0.00
10.08	13.52	2.00	0.00	1.00	0.00	10.09	13.66	2.00	0.00	1.00	0.00
10.10	13.71	2.00	0.00	1.00	0.00	10.11	13.70	2.00	0.00	1.00	0.00
10.12	13.25	2.00	0.00	1.00	0.00	10.13	13.25	2.00	0.00	1.00	0.00
10.14	13.09	2.00	0.00	1.00	0.00	10.15	12.94	2.00	0.00	1.00	0.00
10.16	12.79	2.00	0.00	1.00	0.00	10.17	12.45	2.00	0.00	1.00	0.00
10.18	12.24	2.00	0.00	1.00	0.00	10.19	11.37	2.00	0.00	1.00	0.00
10.20	11.36	2.00	0.00	1.00	0.00	10.21	10.87	2.00	0.00	1.00	0.00
10.22	10.52	2.00	0.00	1.00	0.00	10.23	10.18	2.00	0.00	1.00	0.00
10.24	9.88	2.00	0.00	1.00	0.00	10.25	9.29	2.00	0.00	1.00	0.00
10.26	9.10	2.00	0.00	1.00	0.00	10.27	8.61	2.00	0.00	1.00	0.00
10.28	8.60	2.00	0.00	1.00	0.00	10.29	8.41	2.00	0.00	1.00	0.00
10.30	8.26	2.00	0.00	1.00	0.00	10.31	8.06	2.00	0.00	1.00	0.00
10.32	7.62	2.00	0.00	1.00	0.00	10.33	7.47	2.00	0.00	1.00	0.00
10.34	7.08	2.00	0.00	1.00	0.00	10.35	7.08	2.00	0.00	1.00	0.00
10.36	6.93	2.00	0.00	1.00	0.00	10.37	6.92	2.00	0.00	1.00	0.00
10.38	6.87	2.00	0.00	1.00	0.00	10.39	6.77	2.00	0.00	1.00	0.00
10.40	6.97	2.00	0.00	1.00	0.00	10.41	7.82	2.00	0.00	1.00	0.00
10.42	7.82	2.00	0.00	1.00	0.00	10.43	8.40	2.00	0.00	1.00	0.00
10.44	8.88	2.00	0.00	1.00	0.00	10.45	9.55	2.00	0.00	1.00	0.00
10.46	10.12	2.00	0.00	1.00	0.00	10.47	10.50	2.00	0.00	1.00	0.00
10.48	10.25	2.00	0.00	1.00	0.00	10.49	10.38	2.00	0.00	1.00	0.00
10.50	10.38	2.00	0.00	1.00	0.00	10.51	10.43	2.00	0.00	1.00	0.00
10.52	10.47	2.00	0.00	1.00	0.00	10.53	10.61	2.00	0.00	1.00	0.00
10.54	11.42	2.00	0.00	1.00	0.00	10.55	12.03	2.00	0.00	1.00	0.00
10.56	12.13	2.00	0.00	1.00	0.00	10.57	12.12	2.00	0.00	1.00	0.00
10.58	11.54	2.00	0.00	1.00	0.00	10.59	10.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	9.86	2.00	0.00	1.00	0.00	10.61	9.52	2.00	0.00	1.00	0.00
10.62	9.24	2.00	0.00	1.00	0.00	10.63	8.75	2.00	0.00	1.00	0.00
10.64	7.88	2.00	0.00	1.00	0.00	10.65	7.88	2.00	0.00	1.00	0.00
10.66	7.64	2.00	0.00	1.00	0.00	10.67	7.59	2.00	0.00	1.00	0.00
10.68	7.49	2.00	0.00	1.00	0.00	10.69	8.15	2.00	0.00	1.00	0.00
10.70	8.49	2.00	0.00	1.00	0.00	10.71	8.52	2.00	0.00	1.00	0.00
10.72	8.52	2.00	0.00	1.00	0.00	10.73	8.33	2.00	0.00	1.00	0.00
10.74	8.09	2.00	0.00	1.00	0.00	10.75	7.75	2.00	0.00	1.00	0.00
10.76	7.61	2.00	0.00	1.00	0.00	10.77	6.85	2.00	0.00	1.00	0.00
10.78	6.70	2.00	0.00	1.00	0.00	10.79	6.51	2.00	0.00	1.00	0.00
10.80	6.50	2.00	0.00	1.00	0.00	10.81	6.55	2.00	0.00	1.00	0.00
10.82	6.55	2.00	0.00	1.00	0.00	10.83	6.59	2.00	0.00	1.00	0.00
10.84	6.68	2.00	0.00	1.00	0.00	10.85	6.63	2.00	0.00	1.00	0.00
10.86	6.77	2.00	0.00	1.00	0.00	10.87	6.96	2.00	0.00	1.00	0.00
10.88	6.96	2.00	0.00	1.00	0.00	10.89	6.95	2.00	0.00	1.00	0.00
10.90	6.99	2.00	0.00	1.00	0.00	10.91	7.13	2.00	0.00	1.00	0.00
10.92	7.46	2.00	0.00	1.00	0.00	10.93	7.55	2.00	0.00	1.00	0.00
10.94	7.69	2.00	0.00	1.00	0.00	10.95	7.69	2.00	0.00	1.00	0.00
10.96	7.88	2.00	0.00	1.00	0.00	10.97	7.82	2.00	0.00	1.00	0.00
10.98	7.82	2.00	0.00	1.00	0.00	10.99	7.72	2.00	0.00	1.00	0.00
11.00	7.67	2.00	0.00	1.00	0.00	11.01	8.04	2.00	0.00	1.00	0.00
11.02	7.71	2.00	0.00	1.00	0.00	11.03	7.85	2.00	0.00	1.00	0.00
11.04	8.45	2.00	0.00	1.00	0.00	11.05	8.45	2.00	0.00	1.00	0.00
11.06	8.73	2.00	0.00	1.00	0.00	11.07	8.87	2.00	0.00	1.00	0.00
11.08	9.14	2.00	0.00	1.00	0.00	11.09	9.28	2.00	0.00	1.00	0.00
11.10	9.46	2.00	0.00	1.00	0.00	11.11	9.45	2.00	0.00	1.00	0.00
11.12	9.64	2.00	0.00	1.00	0.00	11.13	9.92	2.00	0.00	1.00	0.00
11.14	10.09	2.00	0.00	1.00	0.00	11.15	10.14	2.00	0.00	1.00	0.00
11.16	9.90	2.00	0.00	1.00	0.00	11.17	9.53	2.00	0.00	1.00	0.00
11.18	9.52	2.00	0.00	1.00	0.00	11.19	9.47	2.00	0.00	1.00	0.00
11.20	9.42	2.00	0.00	1.00	0.00	11.21	9.32	2.00	0.00	1.00	0.00
11.22	9.51	2.00	0.00	1.00	0.00	11.23	9.64	2.00	0.00	1.00	0.00
11.24	9.73	2.00	0.00	1.00	0.00	11.25	9.72	2.00	0.00	1.00	0.00
11.26	9.91	2.00	0.00	1.00	0.00	11.27	9.90	2.00	0.00	1.00	0.00
11.28	9.90	2.00	0.00	1.00	0.00	11.29	9.98	2.00	0.00	1.00	0.00
11.30	10.07	2.00	0.00	1.00	0.00	11.31	10.48	2.00	0.00	1.00	0.00
11.32	10.48	2.00	0.00	1.00	0.00	11.33	10.56	2.00	0.00	1.00	0.00
11.34	10.89	2.00	0.00	1.00	0.00	11.35	11.02	2.00	0.00	1.00	0.00
11.36	11.47	2.00	0.00	1.00	0.00	11.37	11.75	2.00	0.00	1.00	0.00
11.38	11.51	2.00	0.00	1.00	0.00	11.39	11.51	2.00	0.00	1.00	0.00
11.40	12.06	2.00	0.00	1.00	0.00	11.41	12.09	2.00	0.00	1.00	0.00
11.42	12.19	2.00	0.00	1.00	0.00	11.43	12.36	2.00	0.00	1.00	0.00
11.44	12.54	2.00	0.00	1.00	0.00	11.45	12.40	2.00	0.00	1.00	0.00
11.46	12.39	2.00	0.00	1.00	0.00	11.47	12.20	2.00	0.00	1.00	0.00
11.48	12.15	2.00	0.00	1.00	0.00	11.49	12.10	2.00	0.00	1.00	0.00
11.50	12.32	2.00	0.00	1.00	0.00	11.51	12.36	2.00	0.00	1.00	0.00
11.52	12.31	2.00	0.00	1.00	0.00	11.53	12.30	2.00	0.00	1.00	0.00
11.54	12.35	2.00	0.00	1.00	0.00	11.55	12.34	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	12.38	2.00	0.00	1.00	0.00	11.57	12.38	2.00	0.00	1.00	0.00
11.58	12.37	2.00	0.00	1.00	0.00	11.59	11.99	2.00	0.00	1.00	0.00
11.60	11.99	2.00	0.00	1.00	0.00	11.61	11.98	2.00	0.00	1.00	0.00
11.62	12.07	2.00	0.00	1.00	0.00	11.63	11.97	2.00	0.00	1.00	0.00
11.64	12.01	2.00	0.00	1.00	0.00	11.65	11.73	2.00	0.00	1.00	0.00
11.66	11.59	2.00	0.00	1.00	0.00	11.67	11.58	2.00	0.00	1.00	0.00
11.68	11.49	2.00	0.00	1.00	0.00	11.69	11.44	2.00	0.00	1.00	0.00
11.70	11.34	2.00	0.00	1.00	0.00	11.71	11.15	2.00	0.00	1.00	0.00
11.72	11.15	2.00	0.00	1.00	0.00	11.73	11.14	2.00	0.00	1.00	0.00
11.74	11.10	2.00	0.00	1.00	0.00	11.75	11.09	2.00	0.00	1.00	0.00
11.76	11.09	2.00	0.00	1.00	0.00	11.77	11.22	2.00	0.00	1.00	0.00
11.78	11.35	2.00	0.00	1.00	0.00	11.79	12.12	2.00	0.00	1.00	0.00
11.80	12.51	2.00	0.00	1.00	0.00	11.81	12.87	2.00	0.00	1.00	0.00
11.82	12.87	2.00	0.00	1.00	0.00	11.83	12.90	2.00	0.00	1.00	0.00
11.84	12.90	2.00	0.00	1.00	0.00	11.85	12.75	2.00	0.00	1.00	0.00
11.86	12.80	2.00	0.00	1.00	0.00	11.87	12.88	2.00	0.00	1.00	0.00
11.88	12.87	2.00	0.00	1.00	0.00	11.89	12.87	2.00	0.00	1.00	0.00
11.90	12.91	2.00	0.00	1.00	0.00	11.91	12.99	2.00	0.00	1.00	0.00
11.92	13.08	2.00	0.00	1.00	0.00	11.93	13.30	2.00	0.00	1.00	0.00
11.94	13.29	2.00	0.00	1.00	0.00	11.95	13.60	2.00	0.00	1.00	0.00
11.96	13.59	2.00	0.00	1.00	0.00	11.97	13.45	2.00	0.00	1.00	0.00
11.98	13.44	2.00	0.00	1.00	0.00	11.99	13.49	2.00	0.00	1.00	0.00
12.00	13.43	2.00	0.00	1.00	0.00	12.01	13.16	2.00	0.00	1.00	0.00
12.02	12.89	2.00	0.00	1.00	0.00	12.03	12.70	2.00	0.00	1.00	0.00
12.04	12.34	2.00	0.00	1.00	0.00	12.05	12.33	2.00	0.00	1.00	0.00
12.06	12.19	2.00	0.00	1.00	0.00	12.07	12.18	2.00	0.00	1.00	0.00
12.08	11.96	2.00	0.00	1.00	0.00	12.09	11.72	2.00	0.00	1.00	0.00
12.10	11.58	2.00	0.00	1.00	0.00	12.11	11.31	2.00	0.00	1.00	0.00
12.12	11.04	2.00	0.00	1.00	0.00	12.13	10.85	2.00	0.00	1.00	0.00
12.14	10.85	2.00	0.00	1.00	0.00	12.15	10.98	2.00	0.00	1.00	0.00
12.16	11.11	2.00	0.00	1.00	0.00	12.17	11.19	2.00	0.00	1.00	0.00
12.18	11.23	2.00	0.00	1.00	0.00	12.19	11.18	2.00	0.00	1.00	0.00
12.20	11.35	2.00	0.00	1.00	0.00	12.21	11.35	2.00	0.00	1.00	0.00
12.22	11.48	2.00	0.00	1.00	0.00	12.23	11.51	2.00	0.00	1.00	0.00
12.24	11.51	2.00	0.00	1.00	0.00	12.25	11.46	2.00	0.00	1.00	0.00
12.26	11.41	2.00	0.00	1.00	0.00	12.27	11.36	2.00	0.00	1.00	0.00
12.28	11.35	2.00	0.00	1.00	0.00	12.29	11.44	2.00	0.00	1.00	0.00
12.30	11.52	2.00	0.00	1.00	0.00	12.31	11.79	2.00	0.00	1.00	0.00
12.32	11.87	2.00	0.00	1.00	0.00	12.33	12.13	2.00	0.00	1.00	0.00
12.34	12.12	2.00	0.00	1.00	0.00	12.35	12.03	2.00	0.00	1.00	0.00
12.36	12.25	2.00	0.00	1.00	0.00	12.37	12.64	2.00	0.00	1.00	0.00
12.38	13.57	2.00	0.00	1.00	0.00	12.39	13.73	2.00	0.00	1.00	0.00
12.40	14.26	2.00	0.00	1.00	0.00	12.41	14.26	2.00	0.00	1.00	0.00
12.42	14.70	2.00	0.00	1.00	0.00	12.43	15.04	2.00	0.00	1.00	0.00
12.44	14.99	2.00	0.00	1.00	0.00	12.45	15.07	2.00	0.00	1.00	0.00
12.46	15.24	2.00	0.00	1.00	0.00	12.47	15.05	2.00	0.00	1.00	0.00
12.48	15.05	2.00	0.00	1.00	0.00	12.49	14.96	2.00	0.00	1.00	0.00
12.50	14.65	2.00	0.00	1.00	0.00	12.51	14.11	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	13.87	2.00	0.00	1.00	0.00	12.53	13.38	2.00	0.00	1.00	0.00
12.54	13.07	2.00	0.00	1.00	0.00	12.55	12.80	2.00	0.00	1.00	0.00
12.56	12.80	2.00	0.00	1.00	0.00	12.57	12.92	2.00	0.00	1.00	0.00
12.58	12.92	2.00	0.00	1.00	0.00	12.59	12.70	2.00	0.00	1.00	0.00
12.60	12.69	2.00	0.00	1.00	0.00	12.61	12.85	2.00	0.00	1.00	0.00
12.62	12.85	2.00	0.00	1.00	0.00	12.63	12.89	2.00	0.00	1.00	0.00
12.64	12.84	2.00	0.00	1.00	0.00	12.65	12.66	2.00	0.00	1.00	0.00
12.66	12.30	2.00	0.00	1.00	0.00	12.67	12.39	2.00	0.00	1.00	0.00
12.68	12.99	2.00	0.00	1.00	0.00	12.69	12.99	2.00	0.00	1.00	0.00
12.70	13.24	2.00	0.00	1.00	0.00	12.71	13.32	2.00	0.00	1.00	0.00
12.72	13.23	2.00	0.00	1.00	0.00	12.73	13.10	2.00	0.00	1.00	0.00
12.74	13.13	2.00	0.00	1.00	0.00	12.75	13.43	2.00	0.00	1.00	0.00
12.76	13.43	2.00	0.00	1.00	0.00	12.77	13.77	2.00	0.00	1.00	0.00
12.78	14.20	2.00	0.00	1.00	0.00	12.79	14.37	2.00	0.00	1.00	0.00
12.80	14.45	2.00	0.00	1.00	0.00	12.81	14.70	2.00	0.00	1.00	0.00
12.82	14.69	2.00	0.00	1.00	0.00	12.83	14.69	2.00	0.00	1.00	0.00
12.84	14.68	2.00	0.00	1.00	0.00	12.85	14.51	2.00	0.00	1.00	0.00
12.86	14.32	2.00	0.00	1.00	0.00	12.87	14.49	2.00	0.00	1.00	0.00
12.88	15.01	2.00	0.00	1.00	0.00	12.89	15.00	2.00	0.00	1.00	0.00
12.90	15.39	2.00	0.00	1.00	0.00	12.91	15.32	2.00	0.00	1.00	0.00
12.92	15.20	2.00	0.00	1.00	0.00	12.93	15.19	2.00	0.00	1.00	0.00
12.94	14.88	2.00	0.00	1.00	0.00	12.95	14.74	2.00	0.00	1.00	0.00
12.96	14.74	2.00	0.00	1.00	0.00	12.97	14.28	2.00	0.00	1.00	0.00
12.98	14.28	2.00	0.00	1.00	0.00	12.99	14.16	2.00	0.00	1.00	0.00
13.00	13.84	2.00	0.00	1.00	0.00	13.01	12.84	2.00	0.00	1.00	0.00
13.02	12.84	2.00	0.00	1.00	0.00	13.03	12.70	2.00	0.00	1.00	0.00
13.04	12.40	2.00	0.00	1.00	0.00	13.05	12.05	2.00	0.00	1.00	0.00
13.06	11.22	2.00	0.00	1.00	0.00	13.07	10.87	2.00	0.00	1.00	0.00
13.08	10.57	2.00	0.00	1.00	0.00	13.09	10.57	2.00	0.00	1.00	0.00
13.10	10.47	2.00	0.00	1.00	0.00	13.11	10.30	2.00	0.00	1.00	0.00
13.12	10.20	2.00	0.00	1.00	0.00	13.13	10.16	2.00	0.00	1.00	0.00
13.14	10.07	2.00	0.00	1.00	0.00	13.15	9.77	2.00	0.00	1.00	0.00
13.16	9.76	2.00	0.00	1.00	0.00	13.17	9.68	2.00	0.00	1.00	0.00
13.18	9.58	2.00	0.00	1.00	0.00	13.19	9.67	2.00	0.00	1.00	0.00
13.20	9.66	2.00	0.00	1.00	0.00	13.21	9.14	2.00	0.00	1.00	0.00
13.22	9.14	2.00	0.00	1.00	0.00	13.23	9.14	2.00	0.00	1.00	0.00
13.24	9.21	2.00	0.00	1.00	0.00	13.25	9.21	2.00	0.00	1.00	0.00
13.26	9.08	2.00	0.00	1.00	0.00	13.27	8.99	2.00	0.00	1.00	0.00
13.28	8.65	2.00	0.00	1.00	0.00	13.29	8.65	2.00	0.00	1.00	0.00
13.30	8.55	2.00	0.00	1.00	0.00	13.31	8.68	2.00	0.00	1.00	0.00
13.32	8.33	2.00	0.00	1.00	0.00	13.33	8.12	2.00	0.00	1.00	0.00
13.34	7.61	2.00	0.00	1.00	0.00	13.35	7.60	2.00	0.00	1.00	0.00
13.36	7.31	2.00	0.00	1.00	0.00	13.37	7.05	2.00	0.00	1.00	0.00
13.38	6.92	2.00	0.00	1.00	0.00	13.39	6.54	2.00	0.00	1.00	0.00
13.40	6.41	2.00	0.00	1.00	0.00	13.41	6.28	2.00	0.00	1.00	0.00
13.42	6.27	2.00	0.00	1.00	0.00	13.43	6.35	2.00	0.00	1.00	0.00
13.44	6.52	2.00	0.00	1.00	0.00	13.45	6.86	2.00	0.00	1.00	0.00
13.46	7.15	2.00	0.00	1.00	0.00	13.47	7.49	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	7.48	2.00	0.00	1.00	0.00	13.49	7.52	2.00	0.00	1.00	0.00
13.50	7.60	2.00	0.00	1.00	0.00	13.51	7.73	2.00	0.00	1.00	0.00
13.52	7.93	2.00	0.00	1.00	0.00	13.53	7.98	2.00	0.00	1.00	0.00
13.54	8.14	2.00	0.00	1.00	0.00	13.55	8.13	2.00	0.00	1.00	0.00
13.56	8.30	2.00	0.00	1.00	0.00	13.57	8.46	2.00	0.00	1.00	0.00
13.58	8.76	2.00	0.00	1.00	0.00	13.59	8.88	2.00	0.00	1.00	0.00
13.60	8.88	2.00	0.00	1.00	0.00	13.61	8.88	2.00	0.00	1.00	0.00
13.62	8.87	2.00	0.00	1.00	0.00	13.63	8.79	2.00	0.00	1.00	0.00
13.64	8.70	2.00	0.00	1.00	0.00	13.65	8.61	2.00	0.00	1.00	0.00
13.66	8.48	2.00	0.00	1.00	0.00	13.67	8.60	2.00	0.00	1.00	0.00
13.68	8.60	2.00	0.00	1.00	0.00	13.69	8.64	2.00	0.00	1.00	0.00
13.70	8.55	2.00	0.00	1.00	0.00	13.71	8.34	2.00	0.00	1.00	0.00
13.72	8.29	2.00	0.00	1.00	0.00	13.73	8.29	2.00	0.00	1.00	0.00
13.74	8.12	2.00	0.00	1.00	0.00	13.75	8.12	2.00	0.00	1.00	0.00
13.76	8.03	2.00	0.00	1.00	0.00	13.77	7.94	2.00	0.00	1.00	0.00
13.78	7.98	2.00	0.00	1.00	0.00	13.79	7.98	2.00	0.00	1.00	0.00
13.80	7.93	2.00	0.00	1.00	0.00	13.81	7.89	2.00	0.00	1.00	0.00
13.82	7.89	2.00	0.00	1.00	0.00	13.83	7.92	2.00	0.00	1.00	0.00
13.84	7.88	2.00	0.00	1.00	0.00	13.85	7.92	2.00	0.00	1.00	0.00
13.86	7.91	2.00	0.00	1.00	0.00	13.87	8.04	2.00	0.00	1.00	0.00
13.88	8.03	2.00	0.00	1.00	0.00	13.89	8.11	2.00	0.00	1.00	0.00
13.90	8.11	2.00	0.00	1.00	0.00	13.91	8.11	2.00	0.00	1.00	0.00
13.92	8.19	2.00	0.00	1.00	0.00	13.93	8.27	2.00	0.00	1.00	0.00
13.94	8.60	2.00	0.00	1.00	0.00	13.95	8.59	2.00	0.00	1.00	0.00
13.96	8.76	2.00	0.00	1.00	0.00	13.97	8.38	2.00	0.00	1.00	0.00
13.98	8.38	2.00	0.00	1.00	0.00	13.99	8.25	2.00	0.00	1.00	0.00
14.00	8.25	2.00	0.00	1.00	0.00	14.01	8.08	2.00	0.00	1.00	0.00
14.02	7.87	2.00	0.00	1.00	0.00	14.03	7.99	2.00	0.00	1.00	0.00
14.04	7.91	2.00	0.00	1.00	0.00	14.05	7.90	2.00	0.00	1.00	0.00
14.06	7.90	2.00	0.00	1.00	0.00	14.07	7.94	2.00	0.00	1.00	0.00
14.08	8.02	2.00	0.00	1.00	0.00	14.09	8.18	2.00	0.00	1.00	0.00
14.10	8.30	2.00	0.00	1.00	0.00	14.11	8.13	2.00	0.00	1.00	0.00
14.12	8.13	2.00	0.00	1.00	0.00	14.13	8.21	2.00	0.00	1.00	0.00
14.14	8.29	2.00	0.00	1.00	0.00	14.15	8.62	2.00	0.00	1.00	0.00
14.16	8.74	2.00	0.00	1.00	0.00	14.17	8.90	2.00	0.00	1.00	0.00
14.18	8.89	2.00	0.00	1.00	0.00	14.19	8.94	2.00	0.00	1.00	0.00
14.20	8.89	2.00	0.00	1.00	0.00	14.21	8.76	2.00	0.00	1.00	0.00
14.22	8.80	2.00	0.00	1.00	0.00	14.23	8.80	2.00	0.00	1.00	0.00
14.24	8.80	2.00	0.00	1.00	0.00	14.25	8.83	2.00	0.00	1.00	0.00
14.26	8.87	2.00	0.00	1.00	0.00	14.27	9.03	2.00	0.00	1.00	0.00
14.28	9.07	2.00	0.00	1.00	0.00	14.29	9.23	2.00	0.00	1.00	0.00
14.30	9.23	2.00	0.00	1.00	0.00	14.31	9.35	2.00	0.00	1.00	0.00
14.32	9.34	2.00	0.00	1.00	0.00	14.33	9.38	2.00	0.00	1.00	0.00
14.34	9.42	2.00	0.00	1.00	0.00	14.35	9.83	2.00	0.00	1.00	0.00
14.36	9.82	2.00	0.00	1.00	0.00	14.37	9.90	2.00	0.00	1.00	0.00
14.38	9.94	2.00	0.00	1.00	0.00	14.39	9.97	2.00	0.00	1.00	0.00
14.40	9.93	2.00	0.00	1.00	0.00	14.41	9.93	2.00	0.00	1.00	0.00
14.42	9.84	2.00	0.00	1.00	0.00	14.43	9.83	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.79	2.00	0.00	1.00	0.00	14.45	9.79	2.00	0.00	1.00	0.00
14.46	9.70	2.00	0.00	1.00	0.00	14.47	9.57	2.00	0.00	1.00	0.00
14.48	9.57	2.00	0.00	1.00	0.00	14.49	9.61	2.00	0.00	1.00	0.00
14.50	9.61	2.00	0.00	1.00	0.00	14.51	9.65	2.00	0.00	1.00	0.00
14.52	9.55	2.00	0.00	1.00	0.00	14.53	9.47	2.00	0.00	1.00	0.00
14.54	9.43	2.00	0.00	1.00	0.00	14.55	9.46	2.00	0.00	1.00	0.00
14.56	9.46	2.00	0.00	1.00	0.00	14.57	9.33	2.00	0.00	1.00	0.00
14.58	9.30	2.00	0.00	1.00	0.00	14.59	9.33	2.00	0.00	1.00	0.00
14.60	9.20	2.00	0.00	1.00	0.00	14.61	9.20	2.00	0.00	1.00	0.00
14.62	9.19	2.00	0.00	1.00	0.00	14.63	9.16	2.00	0.00	1.00	0.00
14.64	9.11	2.00	0.00	1.00	0.00	14.65	9.31	2.00	0.00	1.00	0.00
14.66	9.39	2.00	0.00	1.00	0.00	14.67	9.30	2.00	0.00	1.00	0.00
14.68	9.30	2.00	0.00	1.00	0.00	14.69	9.21	2.00	0.00	1.00	0.00
14.70	9.17	2.00	0.00	1.00	0.00	14.71	9.21	2.00	0.00	1.00	0.00
14.72	9.00	2.00	0.00	1.00	0.00	14.73	8.88	2.00	0.00	1.00	0.00
14.74	8.75	2.00	0.00	1.00	0.00	14.75	8.75	2.00	0.00	1.00	0.00
14.76	8.63	2.00	0.00	1.00	0.00	14.77	8.54	2.00	0.00	1.00	0.00
14.78	8.58	2.00	0.00	1.00	0.00	14.79	8.65	2.00	0.00	1.00	0.00
14.80	8.73	2.00	0.00	1.00	0.00	14.81	8.73	2.00	0.00	1.00	0.00
14.82	8.76	2.00	0.00	1.00	0.00	14.83	8.85	2.00	0.00	1.00	0.00
14.84	8.92	2.00	0.00	1.00	0.00	14.85	8.92	2.00	0.00	1.00	0.00
14.86	9.08	2.00	0.00	1.00	0.00	14.87	9.55	2.00	0.00	1.00	0.00
14.88	9.55	2.00	0.00	1.00	0.00	14.89	9.83	2.00	0.00	1.00	0.00
14.90	10.03	2.00	0.00	1.00	0.00	14.91	10.39	2.00	0.00	1.00	0.00
14.92	10.58	2.00	0.00	1.00	0.00	14.93	10.91	2.00	0.00	1.00	0.00
14.94	10.91	2.00	0.00	1.00	0.00	14.95	11.10	2.00	0.00	1.00	0.00
14.96	11.18	2.00	0.00	1.00	0.00	14.97	11.21	2.00	0.00	1.00	0.00
14.98	9.44	2.00	0.00	1.00	0.00	14.99	9.43	2.00	0.00	1.00	0.00
15.00	11.08	2.00	0.00	1.00	0.00	15.01	11.48	2.00	0.00	1.00	0.00
15.02	11.47	2.00	0.00	1.00	0.00	15.03	11.79	2.00	0.00	1.00	0.00
15.04	11.78	2.00	0.00	1.00	0.00	15.05	11.82	2.00	0.00	1.00	0.00
15.06	11.82	2.00	0.00	1.00	0.00	15.07	11.77	2.00	0.00	1.00	0.00
15.08	11.93	2.00	0.00	1.00	0.00	15.09	11.97	2.00	0.00	1.00	0.00
15.10	11.64	2.00	0.00	1.00	0.00	15.11	11.64	2.00	0.00	1.00	0.00
15.12	11.47	2.00	0.00	1.00	0.00	15.13	11.10	2.00	0.00	1.00	0.00
15.14	10.94	2.00	0.00	1.00	0.00	15.15	10.93	2.00	0.00	1.00	0.00
15.16	10.70	2.00	0.00	1.00	0.00	15.17	10.69	2.00	0.00	1.00	0.00
15.18	10.48	2.00	0.00	1.00	0.00	15.19	10.52	2.00	0.00	1.00	0.00
15.20	10.59	2.00	0.00	1.00	0.00	15.21	10.44	2.00	0.00	1.00	0.00
15.22	10.11	2.00	0.00	1.00	0.00	15.23	10.10	2.00	0.00	1.00	0.00
15.24	10.06	2.00	0.00	1.00	0.00	15.25	10.18	2.00	0.00	1.00	0.00
15.26	10.54	2.00	0.00	1.00	0.00	15.27	10.69	2.00	0.00	1.00	0.00
15.28	10.80	2.00	0.00	1.00	0.00	15.29	10.80	2.00	0.00	1.00	0.00
15.30	10.80	2.00	0.00	1.00	0.00	15.31	10.91	2.00	0.00	1.00	0.00
15.32	10.98	2.00	0.00	1.00	0.00	15.33	11.02	2.00	0.00	1.00	0.00
15.34	11.10	2.00	0.00	1.00	0.00	15.35	11.09	2.00	0.00	1.00	0.00
15.36	11.09	2.00	0.00	1.00	0.00	15.37	11.17	2.00	0.00	1.00	0.00
15.38	11.32	2.00	0.00	1.00	0.00	15.39	11.48	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

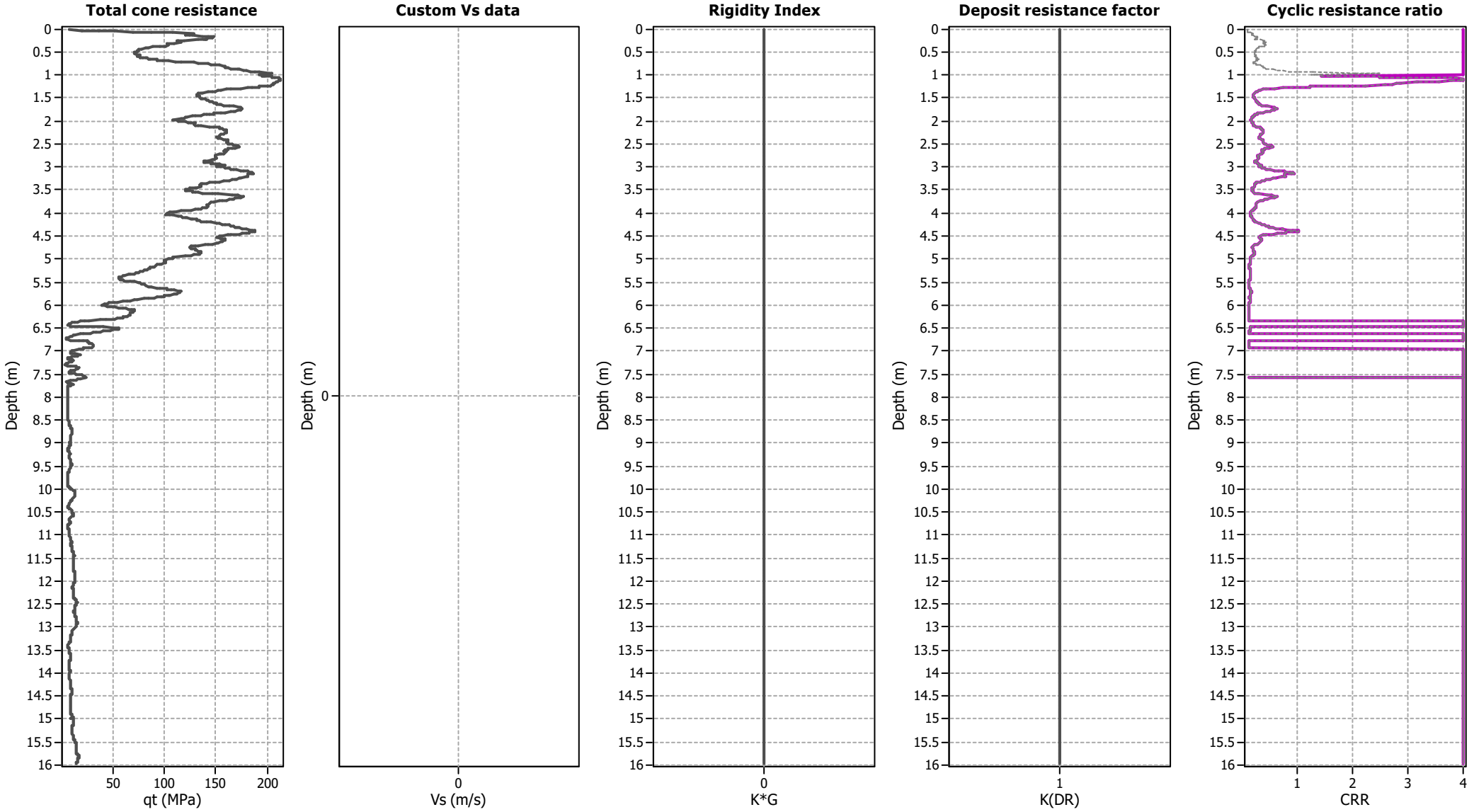
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	11.79	2.00	0.00	1.00	0.00	15.41	11.79	2.00	0.00	1.00	0.00
15.42	11.82	2.00	0.00	1.00	0.00	15.43	11.85	2.00	0.00	1.00	0.00
15.44	12.09	2.00	0.00	1.00	0.00	15.45	12.17	2.00	0.00	1.00	0.00
15.46	12.60	2.00	0.00	1.00	0.00	15.47	12.60	2.00	0.00	1.00	0.00
15.48	12.83	2.00	0.00	1.00	0.00	15.49	13.02	2.00	0.00	1.00	0.00
15.50	13.26	2.00	0.00	1.00	0.00	15.51	13.45	2.00	0.00	1.00	0.00
15.52	13.85	2.00	0.00	1.00	0.00	15.53	13.84	2.00	0.00	1.00	0.00
15.54	14.07	2.00	0.00	1.00	0.00	15.55	14.18	2.00	0.00	1.00	0.00
15.56	14.18	2.00	0.00	1.00	0.00	15.57	14.41	2.00	0.00	1.00	0.00
15.58	14.40	2.00	0.00	1.00	0.00	15.59	14.28	2.00	0.00	1.00	0.00
15.60	14.27	2.00	0.00	1.00	0.00	15.61	14.15	2.00	0.00	1.00	0.00
15.62	14.26	2.00	0.00	1.00	0.00	15.63	14.54	2.00	0.00	1.00	0.00
15.64	14.49	2.00	0.00	1.00	0.00	15.65	14.53	2.00	0.00	1.00	0.00
15.66	14.52	2.00	0.00	1.00	0.00	15.67	14.71	2.00	0.00	1.00	0.00
15.68	14.79	2.00	0.00	1.00	0.00	15.69	14.94	2.00	0.00	1.00	0.00
15.70	15.01	2.00	0.00	1.00	0.00	15.71	15.01	2.00	0.00	1.00	0.00
15.72	14.97	2.00	0.00	1.00	0.00	15.73	14.73	2.00	0.00	1.00	0.00
15.74	14.80	2.00	0.00	1.00	0.00	15.75	14.99	2.00	0.00	1.00	0.00
15.76	15.26	2.00	0.00	1.00	0.00	15.77	15.69	2.00	0.00	1.00	0.00
15.78	15.69	2.00	0.00	1.00	0.00	15.79	16.16	2.00	0.00	1.00	0.00
15.80	16.90	2.00	0.00	1.00	0.00	15.81	17.09	2.00	0.00	1.00	0.00
15.82	16.85	2.00	0.00	1.00	0.00	15.83	16.85	2.00	0.00	1.00	0.00
15.84	16.60	2.00	0.00	1.00	0.00	15.85	16.44	2.00	0.00	1.00	0.00
15.86	16.23	2.00	0.00	1.00	0.00	15.87	16.11	2.00	0.00	1.00	0.00
15.88	16.26	2.00	0.00	1.00	0.00	15.89	16.25	2.00	0.00	1.00	0.00
15.90	16.02	2.00	0.00	1.00	0.00	15.91	15.85	2.00	0.00	1.00	0.00
15.92	15.56	2.00	0.00	1.00	0.00	15.93	15.72	2.00	0.00	1.00	0.00
15.94	15.43	2.00	0.00	1.00	0.00	15.95	14.64	2.00	0.00	1.00	0.00
15.96	14.64	2.00	0.00	1.00	0.00	15.97	14.05	2.00	0.00	1.00	0.00

Total estimated settlement: 7.81

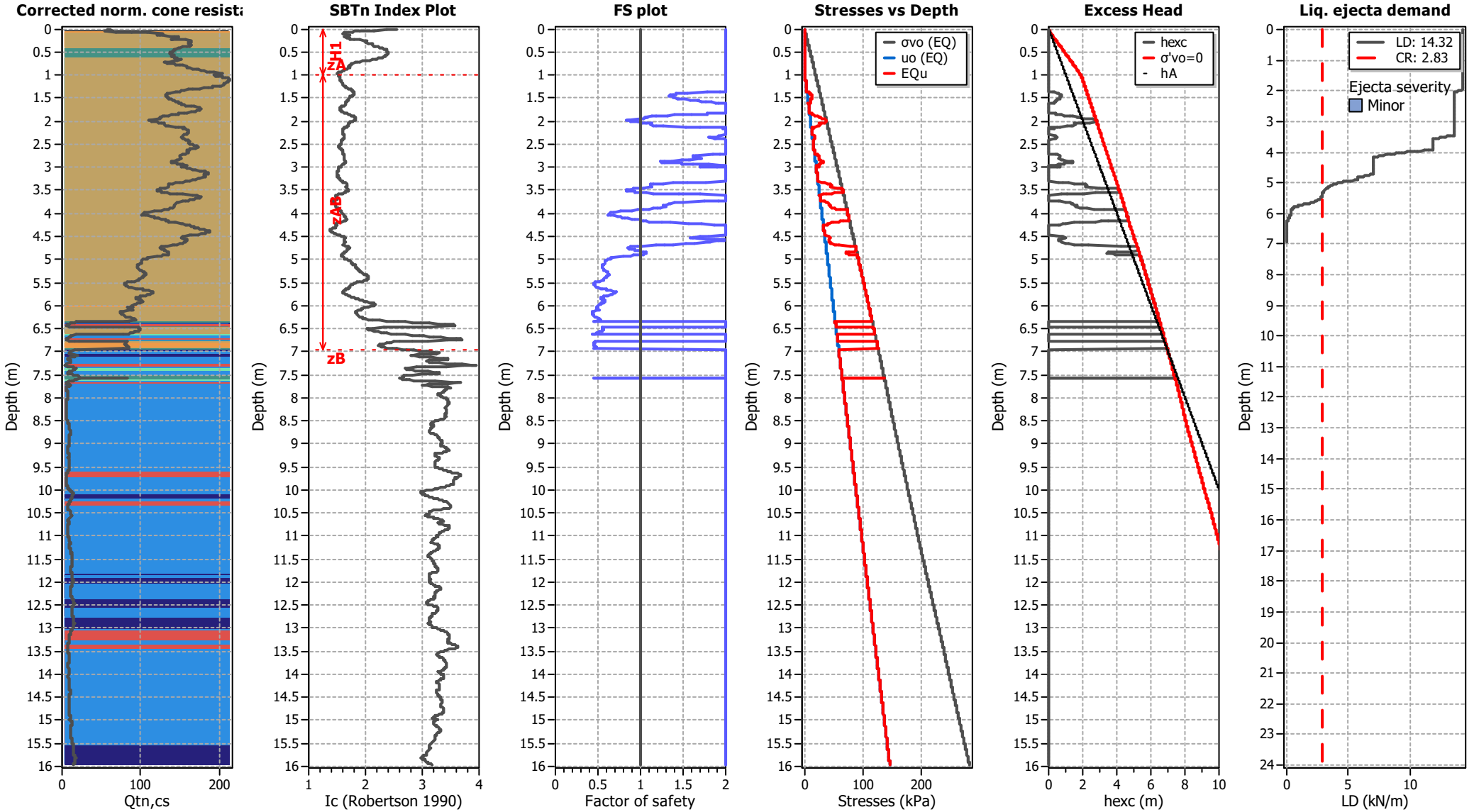
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



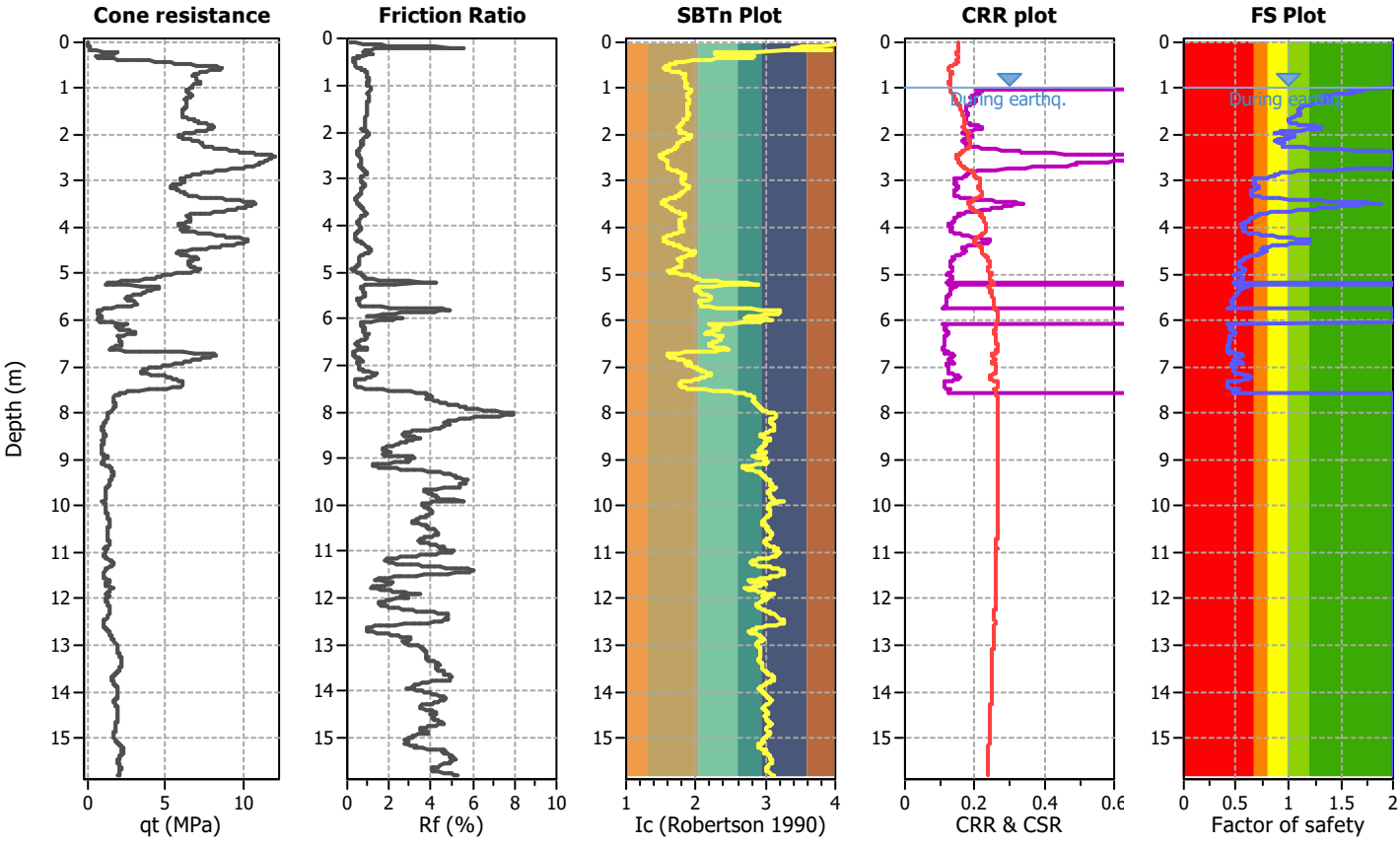
LIQUEFACTION ANALYSIS REPORT

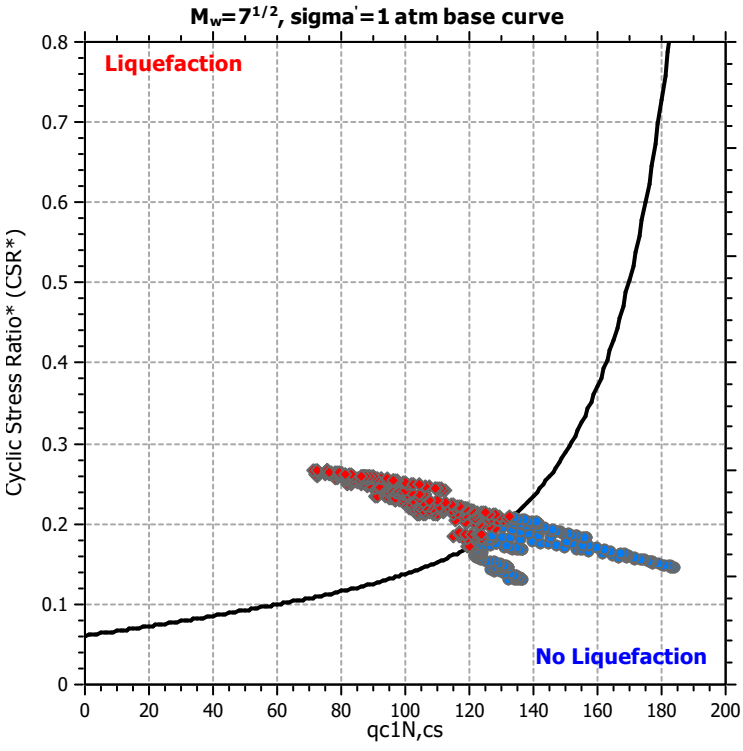
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

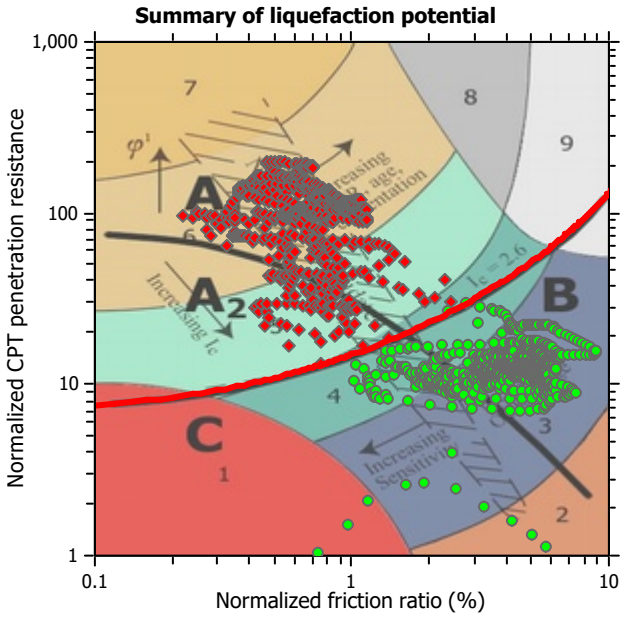
CPT file : 040008P996CPTU997

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

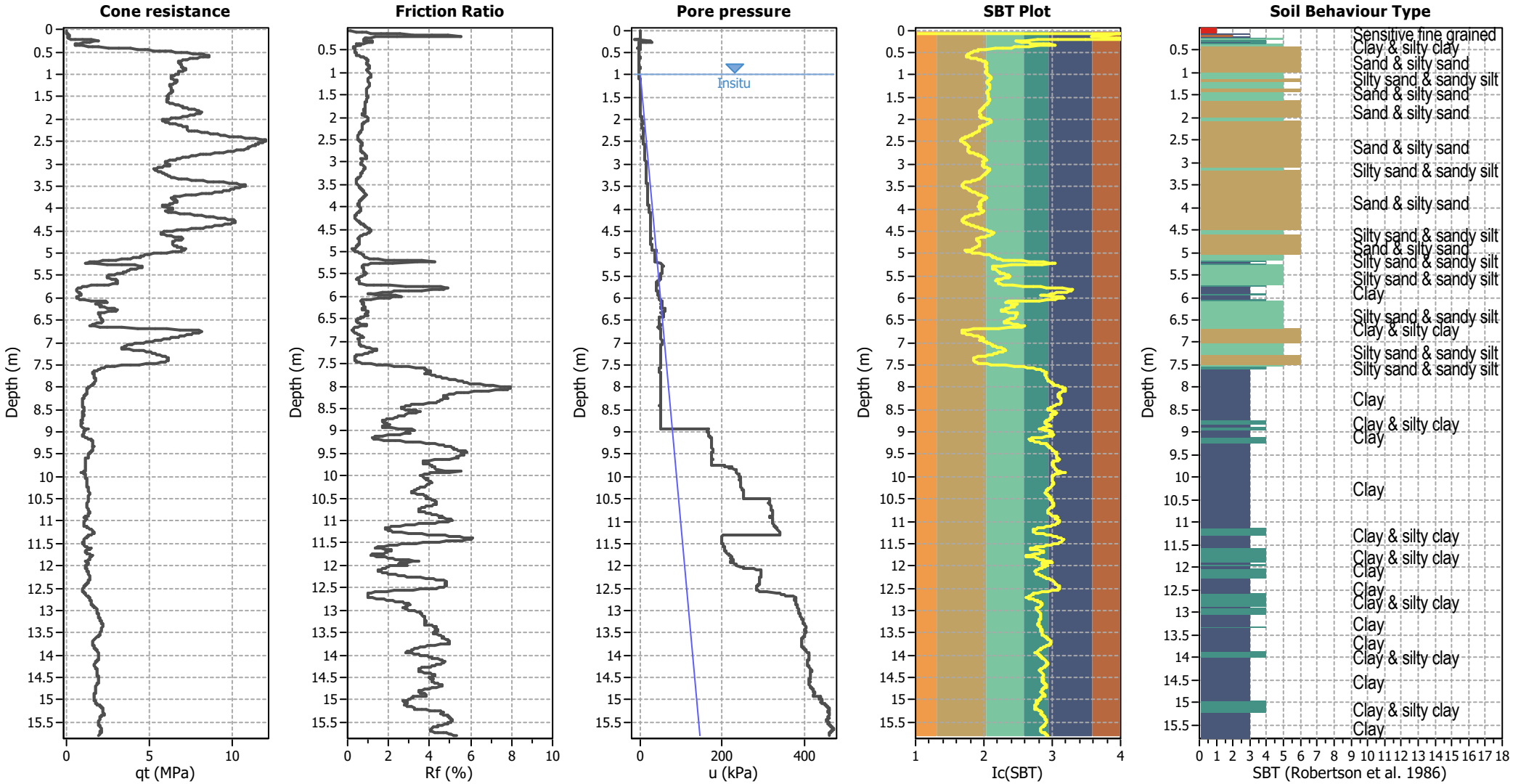






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



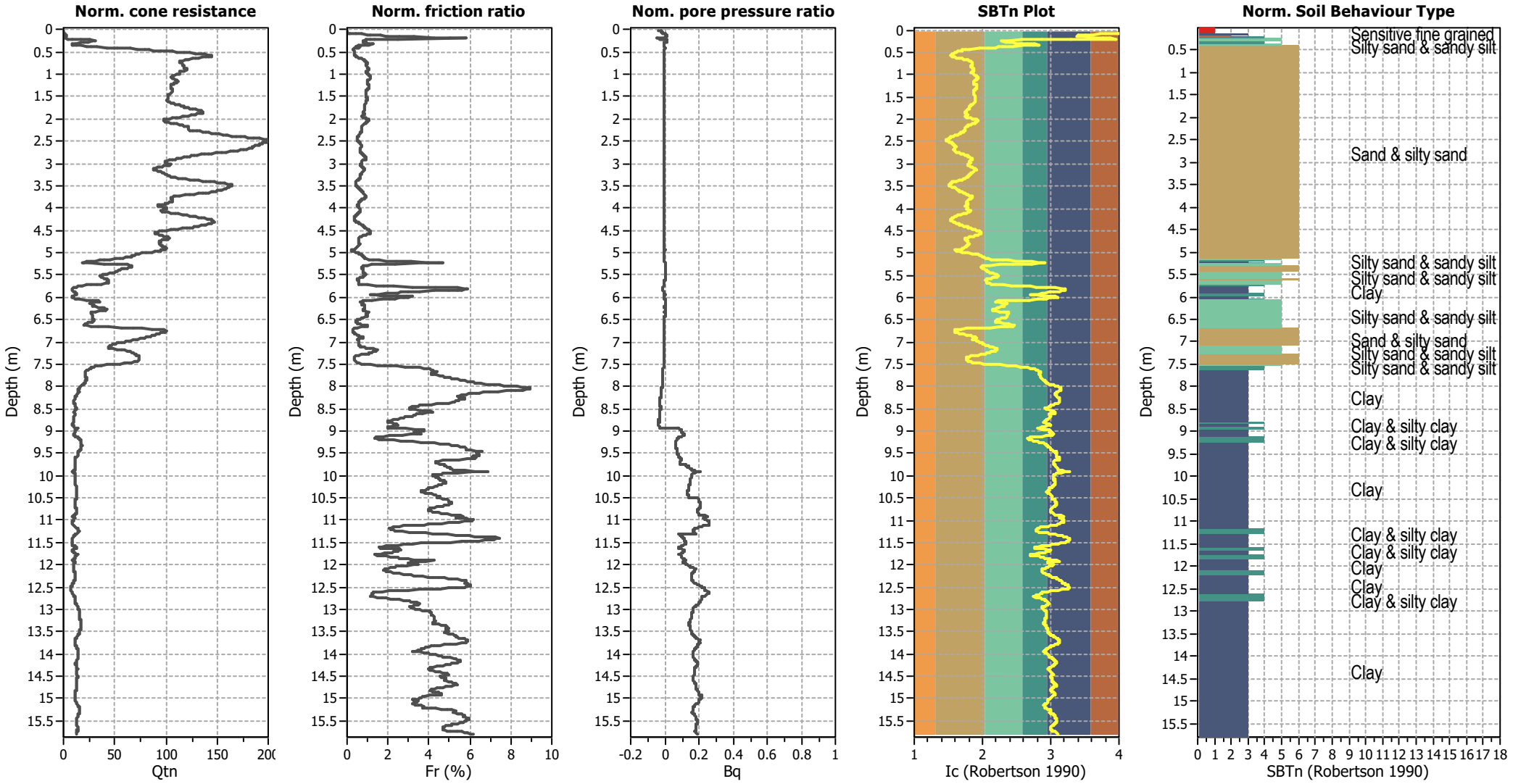
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



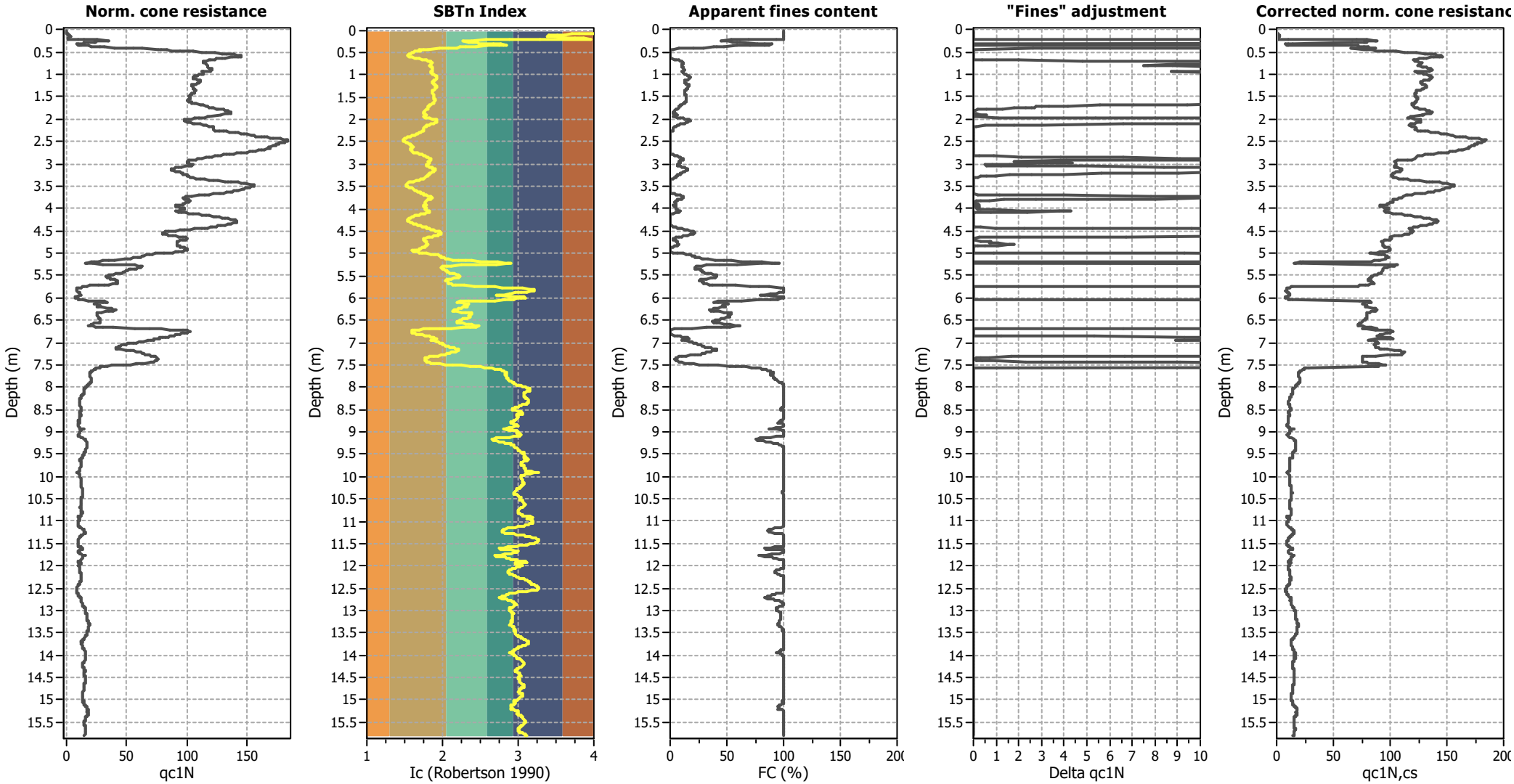
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

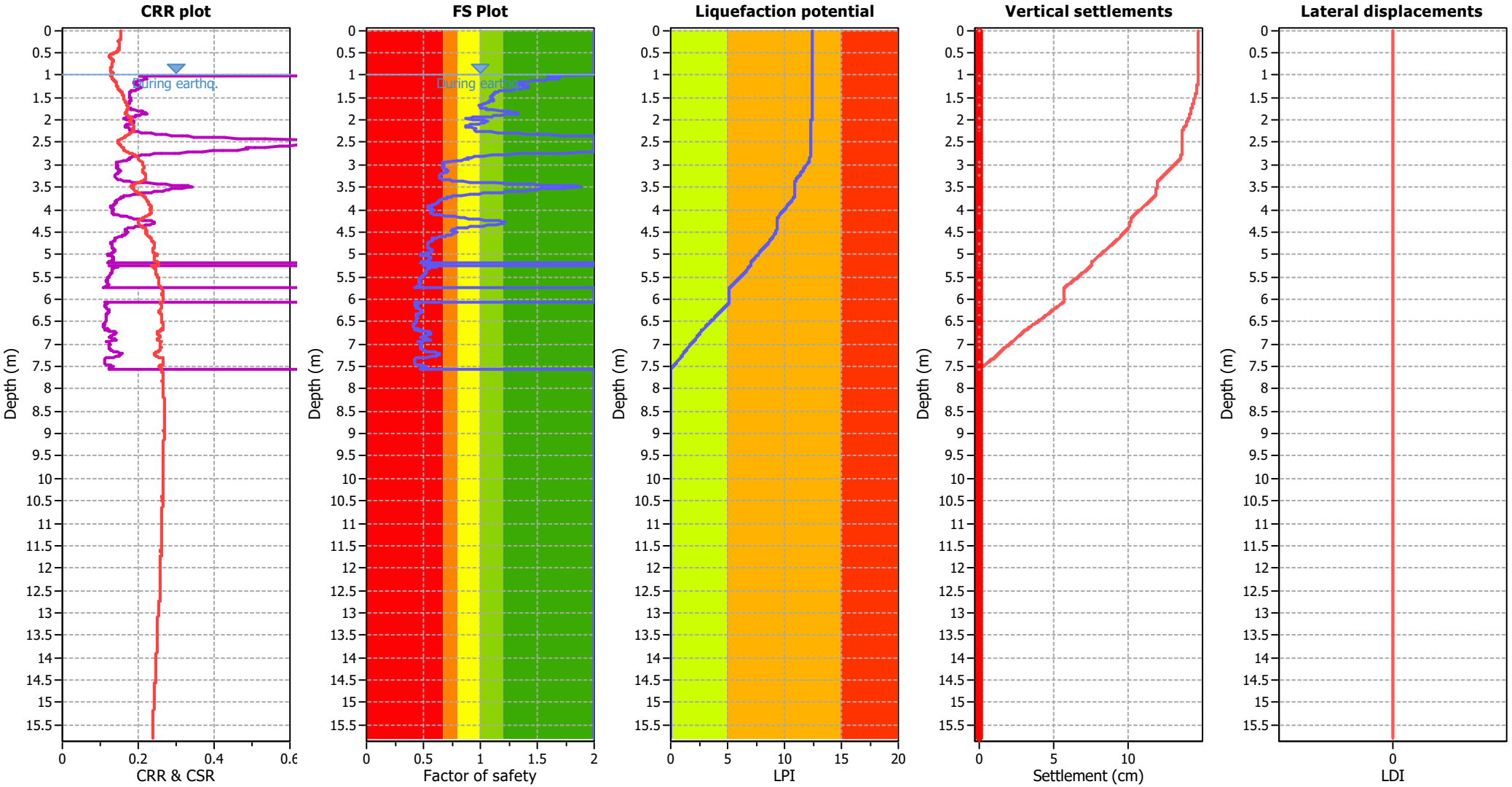
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

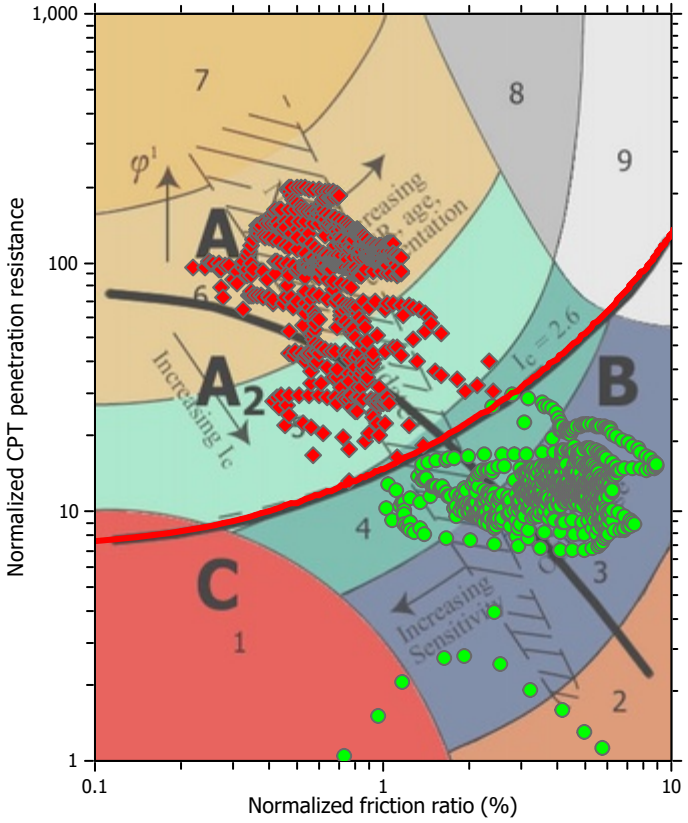
F.S. color scheme

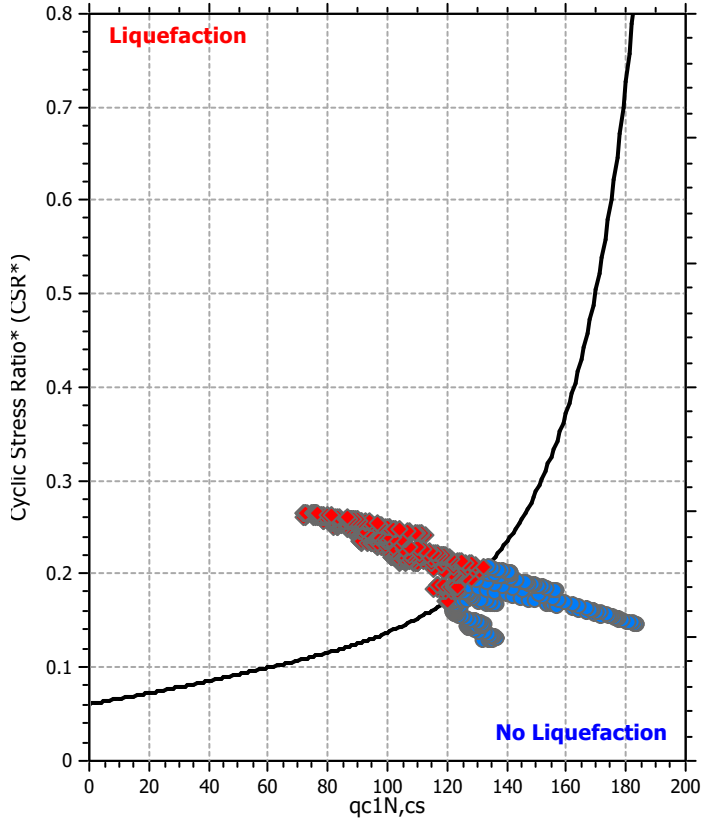
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

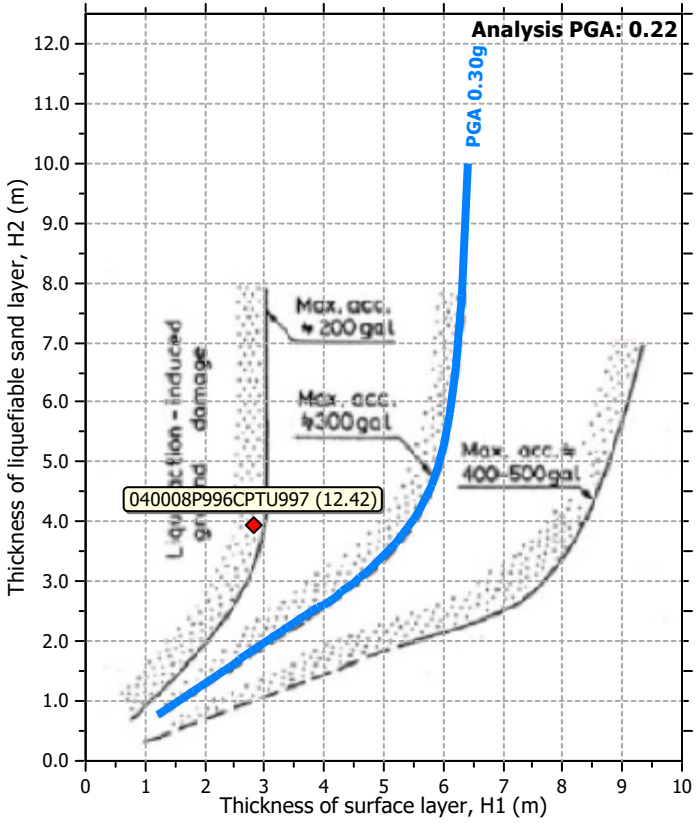
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



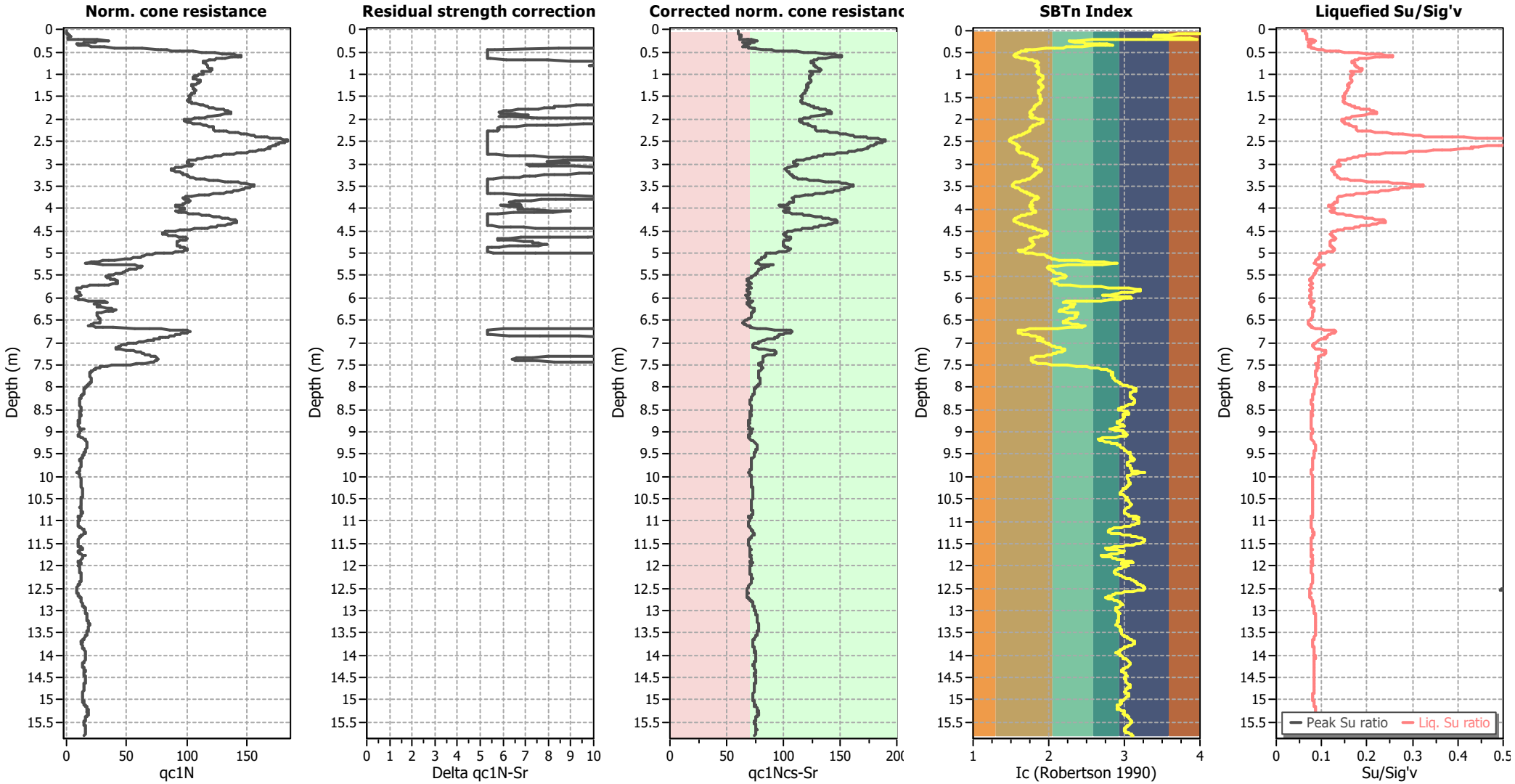




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.59	0.00	0.00	0.01	0.00	1.02	1.64	0.00	0.00	0.01	0.00
1.03	1.66	0.00	0.00	0.01	0.00	1.04	1.68	0.00	0.00	0.01	0.00
1.05	1.69	0.00	0.00	0.01	0.00	1.06	1.69	0.00	0.00	0.01	0.00
1.07	1.69	0.00	0.00	0.01	0.00	1.08	1.67	0.00	0.00	0.01	0.00
1.09	1.64	0.00	0.00	0.01	0.00	1.10	1.60	0.00	0.00	0.01	0.00
1.11	1.57	0.00	0.00	0.01	0.00	1.12	1.52	0.00	0.00	0.01	0.00
1.13	1.46	0.00	0.00	0.01	0.00	1.14	1.42	0.00	0.00	0.01	0.00
1.15	1.37	0.00	0.00	0.01	0.00	1.16	1.35	0.00	0.00	0.01	0.00
1.17	1.34	0.00	0.00	0.01	0.00	1.18	1.32	0.00	0.00	0.01	0.00
1.19	1.32	0.00	0.00	0.01	0.00	1.20	1.33	0.00	0.00	0.01	0.00
1.21	1.34	0.00	0.00	0.01	0.00	1.22	1.37	0.00	0.00	0.01	0.00
1.23	1.38	0.00	0.00	0.01	0.00	1.24	1.40	0.00	0.00	0.01	0.00
1.25	1.41	0.00	0.00	0.01	0.00	1.26	1.42	0.00	0.00	0.01	0.00
1.27	1.42	0.00	0.00	0.01	0.00	1.28	1.41	0.00	0.00	0.01	0.00
1.29	1.38	0.00	0.00	0.01	0.00	1.30	1.36	0.00	0.00	0.01	0.00
1.31	1.33	0.00	0.00	0.01	0.00	1.32	1.31	0.00	0.00	0.01	0.00
1.33	1.27	0.00	0.00	0.01	0.00	1.34	1.24	0.00	0.00	0.01	0.00
1.35	1.21	0.00	0.00	0.01	0.00	1.36	1.17	0.00	0.00	0.01	0.00
1.37	1.16	0.00	0.00	0.01	0.00	1.38	1.14	0.00	0.00	0.01	0.00
1.39	1.13	0.00	0.00	0.01	0.00	1.40	1.13	0.00	0.00	0.01	0.00
1.41	1.13	0.00	0.00	0.01	0.00	1.42	1.11	0.00	0.00	0.01	0.00
1.43	1.11	0.00	0.00	0.01	0.00	1.44	1.10	0.00	0.00	0.01	0.00
1.45	1.10	0.00	0.00	0.01	0.00	1.46	1.10	0.00	0.00	0.01	0.00
1.47	1.10	0.00	0.00	0.01	0.00	1.48	1.10	0.00	0.00	0.01	0.00
1.49	1.09	0.00	0.00	0.01	0.00	1.50	1.09	0.00	0.00	0.01	0.00
1.51	1.10	0.00	0.00	0.01	0.00	1.52	1.10	0.00	0.00	0.01	0.00
1.53	1.11	0.00	0.00	0.01	0.00	1.54	1.12	0.00	0.00	0.01	0.00
1.55	1.12	0.00	0.00	0.01	0.00	1.56	1.11	0.00	0.00	0.01	0.00
1.57	1.09	0.00	0.00	0.01	0.00	1.58	1.08	0.00	0.00	0.01	0.00
1.59	1.07	0.00	0.00	0.01	0.00	1.60	1.07	0.00	0.00	0.01	0.00
1.61	1.06	0.00	0.00	0.01	0.00	1.62	1.06	0.00	0.00	0.01	0.00
1.63	1.04	0.00	0.00	0.01	0.00	1.64	1.03	0.00	0.00	0.01	0.00
1.65	1.02	0.00	0.00	0.01	0.00	1.66	1.00	0.00	0.00	0.01	0.00
1.67	1.01	0.00	0.00	0.01	0.00	1.68	0.99	0.00	0.00	0.01	0.00
1.69	1.00	0.00	0.00	0.01	0.00	1.70	1.00	0.00	0.00	0.01	0.00
1.71	1.01	0.00	0.00	0.01	0.00	1.72	1.01	0.00	0.00	0.01	0.00
1.73	1.01	0.00	0.00	0.01	0.00	1.74	1.01	0.00	0.00	0.01	0.00
1.75	1.05	0.00	0.00	0.01	0.00	1.76	1.06	0.00	0.00	0.01	0.00
1.77	1.08	0.00	0.00	0.01	0.00	1.78	1.10	0.00	0.00	0.01	0.00
1.79	1.19	0.00	0.00	0.01	0.00	1.80	1.22	0.00	0.00	0.01	0.00
1.81	1.25	0.00	0.00	0.01	0.00	1.82	1.27	0.00	0.00	0.01	0.00
1.83	1.30	0.00	0.00	0.01	0.00	1.84	1.32	0.00	0.00	0.01	0.00
1.85	1.33	0.00	0.00	0.01	0.00	1.86	1.31	0.00	0.00	0.01	0.00
1.87	1.27	0.00	0.00	0.01	0.00	1.88	1.23	0.00	0.00	0.01	0.00
1.89	1.18	0.00	0.00	0.01	0.00	1.90	1.11	0.00	0.00	0.01	0.00
1.91	1.12	0.00	0.00	0.01	0.00	1.92	1.10	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.93	0.00	0.00	0.01	0.01	1.94	0.93	0.00	0.00	0.01	0.01
1.95	0.91	0.00	0.00	0.01	0.01	1.96	0.90	0.00	0.00	0.01	0.01
1.97	0.88	0.00	0.00	0.01	0.01	1.98	0.93	0.00	0.00	0.01	0.01
1.99	0.97	0.00	0.00	0.01	0.00	2.00	1.03	0.00	0.00	0.01	0.00
2.01	1.03	0.00	0.00	0.01	0.00	2.02	1.07	0.00	0.00	0.01	0.00
2.03	1.06	0.00	0.00	0.01	0.00	2.04	1.06	0.00	0.00	0.01	0.00
2.05	1.03	0.00	0.00	0.01	0.00	2.06	1.04	0.00	0.00	0.01	0.00
2.07	1.01	0.00	0.00	0.01	0.00	2.08	0.98	0.00	0.00	0.01	0.00
2.09	0.96	0.00	0.00	0.01	0.00	2.10	0.91	0.00	0.00	0.01	0.01
2.11	0.90	0.00	0.00	0.01	0.01	2.12	0.87	0.00	0.00	0.01	0.01
2.13	0.88	0.00	0.00	0.01	0.01	2.14	0.87	0.00	0.00	0.01	0.01
2.15	0.87	0.00	0.00	0.01	0.01	2.16	0.90	0.00	0.00	0.01	0.01
2.17	0.92	0.00	0.00	0.01	0.01	2.18	0.95	0.00	0.00	0.01	0.00
2.19	0.96	0.00	0.00	0.01	0.00	2.20	0.95	0.00	0.00	0.01	0.00
2.21	0.95	0.00	0.00	0.01	0.00	2.22	0.94	0.00	0.00	0.01	0.01
2.23	0.94	0.00	0.00	0.01	0.00	2.24	0.95	0.00	0.00	0.01	0.00
2.25	0.96	0.00	0.00	0.01	0.00	2.26	1.03	0.00	0.00	0.01	0.00
2.27	1.09	0.00	0.00	0.01	0.00	2.28	1.15	0.00	0.00	0.01	0.00
2.29	1.22	0.00	0.00	0.01	0.00	2.30	1.33	0.00	0.00	0.01	0.00
2.31	1.40	0.00	0.00	0.01	0.00	2.32	1.50	0.00	0.00	0.01	0.00
2.33	1.60	0.00	0.00	0.01	0.00	2.34	1.69	0.00	0.00	0.01	0.00
2.35	1.88	0.00	0.00	0.01	0.00	2.36	1.97	0.00	0.00	0.01	0.00
2.37	1.99	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	1.91	0.00	0.00	0.01	0.00
2.73	1.75	0.00	0.00	0.01	0.00	2.74	1.66	0.00	0.00	0.01	0.00
2.75	1.44	0.00	0.00	0.01	0.00	2.76	1.32	0.00	0.00	0.01	0.00
2.77	1.23	0.00	0.00	0.01	0.00	2.78	1.15	0.00	0.00	0.01	0.00
2.79	1.10	0.00	0.00	0.01	0.00	2.80	1.03	0.00	0.00	0.01	0.00
2.81	0.99	0.00	0.00	0.01	0.00	2.82	0.95	0.00	0.00	0.01	0.00
2.83	0.92	0.00	0.00	0.01	0.01	2.84	0.90	0.00	0.00	0.01	0.01
2.85	0.89	0.00	0.00	0.01	0.01	2.86	0.89	0.00	0.00	0.01	0.01
2.87	0.87	0.00	0.00	0.01	0.01	2.88	0.88	0.00	0.00	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.86	0.00	0.00	0.01	0.01	2.90	0.84	0.00	0.00	0.01	0.01
2.91	0.83	0.00	0.00	0.01	0.01	2.92	0.79	0.21	1.54	0.01	0.02
2.93	0.69	0.31	0.89	0.01	0.03	2.94	0.67	0.33	0.81	0.01	0.03
2.95	0.67	0.33	0.81	0.01	0.03	2.96	0.67	0.33	0.82	0.01	0.03
2.97	0.67	0.33	0.82	0.01	0.03	2.98	0.67	0.33	0.82	0.01	0.03
2.99	0.68	0.32	0.83	0.01	0.03	3.00	0.67	0.33	0.82	0.01	0.03
3.01	0.68	0.32	0.85	0.01	0.03	3.02	0.68	0.32	0.85	0.01	0.03
3.03	0.68	0.32	0.83	0.01	0.03	3.04	0.67	0.33	0.81	0.01	0.03
3.05	0.66	0.34	0.79	0.01	0.03	3.06	0.67	0.33	0.81	0.01	0.03
3.07	0.66	0.34	0.79	0.01	0.03	3.08	0.68	0.32	0.84	0.01	0.03
3.09	0.69	0.31	0.88	0.01	0.03	3.10	0.70	0.30	0.93	0.01	0.03
3.11	0.71	0.29	0.96	0.01	0.02	3.12	0.72	0.28	1.01	0.01	0.02
3.13	0.72	0.28	1.00	0.01	0.02	3.14	0.72	0.28	0.99	0.01	0.02
3.15	0.71	0.29	0.94	0.01	0.02	3.16	0.70	0.30	0.93	0.01	0.02
3.17	0.69	0.31	0.88	0.01	0.03	3.18	0.68	0.32	0.85	0.01	0.03
3.19	0.67	0.33	0.81	0.01	0.03	3.20	0.66	0.34	0.78	0.01	0.03
3.21	0.65	0.35	0.74	0.01	0.03	3.22	0.64	0.36	0.73	0.01	0.03
3.23	0.64	0.36	0.71	0.01	0.03	3.24	0.64	0.36	0.72	0.01	0.03
3.25	0.64	0.36	0.72	0.01	0.03	3.26	0.64	0.36	0.72	0.01	0.03
3.27	0.64	0.36	0.72	0.01	0.03	3.28	0.64	0.36	0.72	0.01	0.03
3.29	0.64	0.36	0.73	0.01	0.03	3.30	0.65	0.35	0.75	0.01	0.03
3.31	0.66	0.34	0.78	0.01	0.03	3.32	0.67	0.33	0.80	0.01	0.03
3.33	0.68	0.32	0.85	0.01	0.03	3.34	0.73	0.27	1.04	0.01	0.02
3.35	0.76	0.24	1.25	0.01	0.02	3.36	0.80	0.20	1.62	0.01	0.02
3.37	0.85	0.00	0.00	0.01	0.01	3.38	0.91	0.00	0.00	0.01	0.01
3.39	1.01	0.00	0.00	0.01	0.00	3.40	1.07	0.00	0.00	0.01	0.00
3.41	1.13	0.00	0.00	0.01	0.00	3.42	1.30	0.00	0.00	0.01	0.00
3.43	1.38	0.00	0.00	0.01	0.00	3.44	1.45	0.00	0.00	0.01	0.00
3.45	1.54	0.00	0.00	0.01	0.00	3.46	1.73	0.00	0.00	0.01	0.00
3.47	1.82	0.00	0.00	0.01	0.00	3.48	1.88	0.00	0.00	0.01	0.00
3.49	1.89	0.00	0.00	0.01	0.00	3.50	1.85	0.00	0.00	0.01	0.00
3.51	1.72	0.00	0.00	0.01	0.00	3.52	1.65	0.00	0.00	0.01	0.00
3.53	1.59	0.00	0.00	0.01	0.00	3.54	1.53	0.00	0.00	0.01	0.00
3.55	1.49	0.00	0.00	0.01	0.00	3.56	1.46	0.00	0.00	0.01	0.00
3.57	1.43	0.00	0.00	0.01	0.00	3.58	1.39	0.00	0.00	0.01	0.00
3.59	1.30	0.00	0.00	0.01	0.00	3.60	1.24	0.00	0.00	0.01	0.00
3.61	1.19	0.00	0.00	0.01	0.00	3.62	1.15	0.00	0.00	0.01	0.00
3.63	1.10	0.00	0.00	0.01	0.00	3.64	1.02	0.00	0.00	0.01	0.00
3.65	0.98	0.00	0.00	0.01	0.00	3.66	0.94	0.00	0.00	0.01	0.00
3.67	0.91	0.00	0.00	0.01	0.01	3.68	0.83	0.00	0.00	0.01	0.01
3.69	0.79	0.21	1.56	0.01	0.02	3.70	0.76	0.24	1.25	0.01	0.02
3.71	0.74	0.26	1.12	0.01	0.02	3.72	0.71	0.29	0.96	0.01	0.02
3.73	0.72	0.28	0.99	0.01	0.02	3.74	0.71	0.29	0.97	0.01	0.02
3.75	0.70	0.30	0.91	0.01	0.02	3.76	0.68	0.32	0.85	0.01	0.03
3.77	0.67	0.33	0.81	0.01	0.03	3.78	0.66	0.34	0.78	0.01	0.03
3.79	0.64	0.36	0.73	0.01	0.03	3.80	0.64	0.36	0.71	0.01	0.03
3.81	0.63	0.37	0.69	0.01	0.03	3.82	0.62	0.38	0.68	0.01	0.03
3.83	0.63	0.37	0.69	0.01	0.03	3.84	0.63	0.37	0.69	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.62	0.38	0.68	0.01	0.03	3.86	0.62	0.38	0.66	0.01	0.03
3.87	0.60	0.40	0.63	0.01	0.03	3.88	0.59	0.41	0.62	0.01	0.03
3.89	0.59	0.41	0.61	0.01	0.03	3.90	0.58	0.42	0.60	0.01	0.03
3.91	0.58	0.42	0.59	0.01	0.03	3.92	0.58	0.42	0.59	0.01	0.03
3.93	0.54	0.46	0.53	0.01	0.04	3.94	0.54	0.46	0.53	0.01	0.04
3.95	0.54	0.46	0.53	0.01	0.04	3.96	0.54	0.46	0.53	0.01	0.04
3.97	0.56	0.44	0.55	0.01	0.04	3.98	0.57	0.43	0.57	0.01	0.03
3.99	0.58	0.42	0.59	0.01	0.03	4.00	0.59	0.41	0.61	0.01	0.03
4.01	0.59	0.41	0.61	0.01	0.03	4.02	0.58	0.42	0.60	0.01	0.03
4.03	0.57	0.43	0.58	0.01	0.03	4.04	0.57	0.43	0.57	0.01	0.03
4.05	0.56	0.44	0.56	0.01	0.03	4.06	0.56	0.44	0.56	0.01	0.03
4.07	0.56	0.44	0.56	0.01	0.04	4.08	0.57	0.43	0.57	0.01	0.03
4.09	0.57	0.43	0.58	0.01	0.03	4.10	0.59	0.41	0.61	0.01	0.03
4.11	0.61	0.39	0.66	0.01	0.03	4.12	0.64	0.36	0.73	0.01	0.03
4.13	0.69	0.31	0.88	0.01	0.02	4.14	0.71	0.29	0.98	0.01	0.02
4.15	0.74	0.26	1.15	0.01	0.02	4.16	0.77	0.23	1.34	0.01	0.02
4.17	0.82	0.18	2.03	0.01	0.01	4.18	0.84	0.00	0.00	0.01	0.01
4.19	0.85	0.00	0.00	0.01	0.01	4.20	0.90	0.00	0.00	0.01	0.01
4.21	0.94	0.00	0.00	0.01	0.00	4.22	0.98	0.00	0.00	0.01	0.00
4.23	1.04	0.00	0.00	0.01	0.00	4.24	1.08	0.00	0.00	0.01	0.00
4.25	1.17	0.00	0.00	0.01	0.00	4.26	1.19	0.00	0.00	0.01	0.00
4.27	1.21	0.00	0.00	0.01	0.00	4.28	1.21	0.00	0.00	0.01	0.00
4.29	1.21	0.00	0.00	0.01	0.00	4.30	1.21	0.00	0.00	0.01	0.00
4.31	1.21	0.00	0.00	0.01	0.00	4.32	1.19	0.00	0.00	0.01	0.00
4.33	1.14	0.00	0.00	0.01	0.00	4.34	1.10	0.00	0.00	0.01	0.00
4.35	1.06	0.00	0.00	0.01	0.00	4.36	1.02	0.00	0.00	0.01	0.00
4.37	0.98	0.00	0.00	0.01	0.00	4.38	0.91	0.00	0.00	0.01	0.01
4.39	0.88	0.00	0.00	0.01	0.01	4.40	0.85	0.00	0.00	0.01	0.01
4.41	0.81	0.19	1.77	0.01	0.01	4.42	0.79	0.21	1.55	0.01	0.02
4.43	0.77	0.23	1.35	0.01	0.02	4.44	0.76	0.24	1.23	0.01	0.02
4.45	0.76	0.24	1.25	0.01	0.02	4.46	0.74	0.26	1.12	0.01	0.02
4.47	0.76	0.24	1.27	0.01	0.02	4.48	0.77	0.23	1.35	0.01	0.02
4.49	0.78	0.22	1.41	0.01	0.02	4.50	0.79	0.21	1.57	0.01	0.02
4.51	0.76	0.24	1.30	0.01	0.02	4.52	0.77	0.23	1.37	0.01	0.02
4.53	0.77	0.23	1.30	0.01	0.02	4.54	0.76	0.24	1.29	0.01	0.02
4.55	0.75	0.25	1.20	0.01	0.02	4.56	0.74	0.26	1.12	0.01	0.02
4.57	0.72	0.28	1.03	0.01	0.02	4.58	0.71	0.29	0.97	0.01	0.02
4.59	0.69	0.31	0.89	0.01	0.02	4.60	0.67	0.33	0.79	0.01	0.03
4.61	0.65	0.35	0.74	0.01	0.03	4.62	0.61	0.39	0.66	0.01	0.03
4.63	0.58	0.42	0.60	0.01	0.03	4.64	0.58	0.42	0.59	0.01	0.03
4.65	0.58	0.42	0.59	0.01	0.03	4.66	0.59	0.41	0.60	0.01	0.03
4.67	0.59	0.41	0.61	0.01	0.03	4.68	0.59	0.41	0.61	0.01	0.03
4.69	0.58	0.42	0.59	0.01	0.03	4.70	0.57	0.43	0.58	0.01	0.03
4.71	0.56	0.44	0.56	0.01	0.03	4.72	0.55	0.45	0.54	0.01	0.03
4.73	0.53	0.47	0.52	0.01	0.04	4.74	0.53	0.47	0.52	0.01	0.04
4.75	0.53	0.47	0.52	0.01	0.04	4.76	0.54	0.46	0.52	0.01	0.04
4.77	0.54	0.46	0.53	0.01	0.04	4.78	0.54	0.46	0.52	0.01	0.04
4.79	0.54	0.46	0.52	0.01	0.04	4.80	0.54	0.46	0.52	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.53	0.47	0.52	0.01	0.04	4.82	0.54	0.46	0.53	0.01	0.04
4.83	0.54	0.46	0.53	0.01	0.04	4.84	0.54	0.46	0.53	0.01	0.03
4.85	0.54	0.46	0.53	0.01	0.03	4.86	0.54	0.46	0.54	0.01	0.03
4.87	0.56	0.44	0.55	0.01	0.03	4.88	0.56	0.44	0.57	0.01	0.03
4.89	0.57	0.43	0.58	0.01	0.03	4.90	0.58	0.42	0.60	0.01	0.03
4.91	0.58	0.42	0.59	0.01	0.03	4.92	0.58	0.42	0.59	0.01	0.03
4.93	0.57	0.43	0.57	0.01	0.03	4.94	0.56	0.44	0.57	0.01	0.03
4.95	0.56	0.44	0.56	0.01	0.03	4.96	0.55	0.45	0.54	0.01	0.03
4.97	0.53	0.47	0.52	0.01	0.04	4.98	0.52	0.48	0.50	0.01	0.04
4.99	0.50	0.50	0.48	0.01	0.04	5.00	0.47	0.53	0.45	0.01	0.04
5.01	0.48	0.52	0.45	0.01	0.04	5.02	0.51	0.49	0.49	0.01	0.04
5.03	0.52	0.48	0.51	0.01	0.04	5.04	0.54	0.46	0.53	0.01	0.03
5.05	0.55	0.45	0.54	0.01	0.03	5.06	0.55	0.45	0.55	0.01	0.03
5.07	0.56	0.44	0.56	0.01	0.03	5.08	0.56	0.44	0.56	0.01	0.03
5.09	0.56	0.44	0.56	0.01	0.03	5.10	0.56	0.44	0.57	0.01	0.03
5.11	0.55	0.45	0.54	0.01	0.03	5.12	0.55	0.45	0.54	0.01	0.03
5.13	0.54	0.46	0.53	0.01	0.03	5.14	0.55	0.45	0.54	0.01	0.03
5.15	0.52	0.48	0.50	0.01	0.04	5.16	0.50	0.50	0.48	0.01	0.04
5.17	0.49	0.51	0.47	0.01	0.04	5.18	0.47	0.53	0.45	0.01	0.04
5.19	2.00	0.00	0.00	0.01	0.00	5.20	2.00	0.00	0.00	0.01	0.00
5.21	2.00	0.00	0.00	0.01	0.00	5.22	2.00	0.00	0.00	0.01	0.00
5.23	2.00	0.00	0.00	0.01	0.00	5.24	2.00	0.00	0.00	0.01	0.00
5.25	0.50	0.50	0.47	0.01	0.04	5.26	0.62	0.38	0.67	0.01	0.03
5.27	0.61	0.39	0.66	0.01	0.03	5.28	0.60	0.40	0.64	0.01	0.03
5.29	0.58	0.42	0.60	0.01	0.03	5.30	0.57	0.43	0.57	0.01	0.03
5.31	0.55	0.45	0.54	0.01	0.03	5.32	0.54	0.46	0.53	0.01	0.03
5.33	0.53	0.47	0.52	0.01	0.03	5.34	0.53	0.47	0.52	0.01	0.03
5.35	0.53	0.47	0.52	0.01	0.03	5.36	0.52	0.48	0.51	0.01	0.03
5.37	0.53	0.47	0.51	0.01	0.03	5.38	0.53	0.47	0.51	0.01	0.03
5.39	0.53	0.47	0.51	0.01	0.03	5.40	0.52	0.48	0.51	0.01	0.03
5.41	0.52	0.48	0.50	0.01	0.04	5.42	0.52	0.48	0.50	0.01	0.04
5.43	0.52	0.48	0.50	0.01	0.04	5.44	0.52	0.48	0.50	0.01	0.04
5.45	0.52	0.48	0.50	0.01	0.04	5.46	0.50	0.50	0.48	0.01	0.04
5.47	0.50	0.50	0.48	0.01	0.04	5.48	0.49	0.51	0.47	0.01	0.04
5.49	0.49	0.51	0.46	0.01	0.04	5.50	0.48	0.52	0.46	0.01	0.04
5.51	0.48	0.52	0.45	0.01	0.04	5.52	0.47	0.53	0.45	0.01	0.04
5.53	0.47	0.53	0.45	0.01	0.04	5.54	0.47	0.53	0.44	0.01	0.04
5.55	0.46	0.54	0.44	0.01	0.04	5.56	0.47	0.53	0.45	0.01	0.04
5.57	0.46	0.54	0.43	0.01	0.04	5.58	0.46	0.54	0.44	0.01	0.04
5.59	0.46	0.54	0.44	0.01	0.04	5.60	0.46	0.54	0.44	0.01	0.04
5.61	0.46	0.54	0.44	0.01	0.04	5.62	0.46	0.54	0.44	0.01	0.04
5.63	0.47	0.53	0.44	0.01	0.04	5.64	0.47	0.53	0.44	0.01	0.04
5.65	0.47	0.53	0.45	0.01	0.04	5.66	0.47	0.53	0.45	0.01	0.04
5.67	0.48	0.52	0.46	0.01	0.04	5.68	0.48	0.52	0.45	0.01	0.04
5.69	0.47	0.53	0.44	0.01	0.04	5.70	0.46	0.54	0.43	0.01	0.04
5.71	0.45	0.55	0.42	0.01	0.04	5.72	0.44	0.56	0.42	0.01	0.04
5.73	0.42	0.58	0.40	0.01	0.04	5.74	0.42	0.58	0.40	0.01	0.04
5.75	2.00	0.00	0.00	0.01	0.00	5.76	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	2.00	0.00	0.00	0.01	0.00	5.78	2.00	0.00	0.00	0.01	0.00
5.79	2.00	0.00	0.00	0.01	0.00	5.80	2.00	0.00	0.00	0.01	0.00
5.81	2.00	0.00	0.00	0.01	0.00	5.82	2.00	0.00	0.00	0.01	0.00
5.83	2.00	0.00	0.00	0.01	0.00	5.84	2.00	0.00	0.00	0.01	0.00
5.85	2.00	0.00	0.00	0.01	0.00	5.86	2.00	0.00	0.00	0.01	0.00
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	0.42	0.58	0.40	0.01	0.04
6.07	0.46	0.54	0.43	0.01	0.04	6.08	0.46	0.54	0.44	0.01	0.04
6.09	0.46	0.54	0.44	0.01	0.04	6.10	0.46	0.54	0.43	0.01	0.04
6.11	0.45	0.55	0.43	0.01	0.04	6.12	0.43	0.57	0.41	0.01	0.04
6.13	0.43	0.57	0.41	0.01	0.04	6.14	0.43	0.57	0.41	0.01	0.04
6.15	0.43	0.57	0.41	0.01	0.04	6.16	0.44	0.56	0.42	0.01	0.04
6.17	0.45	0.55	0.42	0.01	0.04	6.18	0.44	0.56	0.42	0.01	0.04
6.19	0.44	0.56	0.42	0.01	0.04	6.20	0.44	0.56	0.42	0.01	0.04
6.21	0.45	0.55	0.42	0.01	0.04	6.22	0.47	0.53	0.44	0.01	0.04
6.23	0.47	0.53	0.45	0.01	0.04	6.24	0.48	0.52	0.45	0.01	0.04
6.25	0.48	0.52	0.46	0.01	0.04	6.26	0.48	0.52	0.46	0.01	0.04
6.27	0.49	0.51	0.46	0.01	0.04	6.28	0.49	0.51	0.46	0.01	0.04
6.29	0.48	0.52	0.46	0.01	0.04	6.30	0.47	0.53	0.45	0.01	0.04
6.31	0.46	0.54	0.44	0.01	0.04	6.32	0.46	0.54	0.43	0.01	0.04
6.33	0.44	0.56	0.42	0.01	0.04	6.34	0.44	0.56	0.42	0.01	0.04
6.35	0.44	0.56	0.42	0.01	0.04	6.36	0.44	0.56	0.42	0.01	0.04
6.37	0.44	0.56	0.42	0.01	0.04	6.38	0.44	0.56	0.42	0.01	0.04
6.39	0.44	0.56	0.42	0.01	0.04	6.40	0.44	0.56	0.42	0.01	0.04
6.41	0.44	0.56	0.42	0.01	0.04	6.42	0.44	0.56	0.42	0.01	0.04
6.43	0.44	0.56	0.42	0.01	0.04	6.44	0.44	0.56	0.42	0.01	0.04
6.45	0.44	0.56	0.42	0.01	0.04	6.46	0.44	0.56	0.42	0.01	0.04
6.47	0.44	0.56	0.42	0.01	0.04	6.48	0.44	0.56	0.41	0.01	0.04
6.49	0.43	0.57	0.41	0.01	0.04	6.50	0.43	0.57	0.41	0.01	0.04
6.51	0.43	0.57	0.41	0.01	0.04	6.52	0.43	0.57	0.41	0.01	0.04
6.53	0.43	0.57	0.41	0.01	0.04	6.54	0.42	0.58	0.40	0.01	0.04
6.55	0.42	0.58	0.40	0.01	0.04	6.56	0.42	0.58	0.40	0.01	0.04
6.57	0.41	0.59	0.40	0.01	0.04	6.58	0.41	0.59	0.40	0.01	0.04
6.59	0.41	0.59	0.40	0.01	0.04	6.60	0.41	0.59	0.39	0.01	0.04
6.61	0.41	0.59	0.39	0.01	0.04	6.62	0.41	0.59	0.39	0.01	0.04
6.63	0.41	0.59	0.39	0.01	0.04	6.64	0.42	0.58	0.40	0.01	0.04
6.65	0.43	0.57	0.41	0.01	0.04	6.66	0.45	0.55	0.43	0.01	0.04
6.67	0.46	0.54	0.43	0.01	0.04	6.68	0.48	0.52	0.46	0.01	0.03
6.69	0.42	0.58	0.40	0.01	0.04	6.70	0.44	0.56	0.41	0.01	0.04
6.71	0.47	0.53	0.45	0.01	0.04	6.72	0.53	0.47	0.52	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.55	0.45	0.55	0.01	0.03	6.74	0.56	0.44	0.57	0.01	0.03
6.75	0.57	0.43	0.57	0.01	0.03	6.76	0.57	0.43	0.57	0.01	0.03
6.77	0.56	0.44	0.56	0.01	0.03	6.78	0.55	0.45	0.55	0.01	0.03
6.79	0.53	0.47	0.52	0.01	0.03	6.80	0.52	0.48	0.51	0.01	0.03
6.81	0.51	0.49	0.49	0.01	0.03	6.82	0.50	0.50	0.48	0.01	0.03
6.83	0.49	0.51	0.47	0.01	0.03	6.84	0.49	0.51	0.46	0.01	0.03
6.85	0.48	0.52	0.46	0.01	0.03	6.86	0.49	0.51	0.47	0.01	0.03
6.87	0.51	0.49	0.49	0.01	0.03	6.88	0.52	0.48	0.51	0.01	0.03
6.89	0.54	0.46	0.54	0.01	0.03	6.90	0.55	0.45	0.54	0.01	0.03
6.91	0.56	0.44	0.57	0.01	0.03	6.92	0.53	0.47	0.52	0.01	0.03
6.93	0.48	0.52	0.45	0.01	0.03	6.94	0.45	0.55	0.42	0.01	0.04
6.95	0.45	0.55	0.43	0.01	0.04	6.96	0.47	0.53	0.44	0.01	0.03
6.97	0.47	0.53	0.45	0.01	0.03	6.98	0.48	0.52	0.46	0.01	0.03
6.99	0.48	0.52	0.46	0.01	0.03	7.00	0.49	0.51	0.46	0.01	0.03
7.01	0.48	0.52	0.46	0.01	0.03	7.02	0.48	0.52	0.45	0.01	0.03
7.03	0.47	0.53	0.45	0.01	0.03	7.04	0.47	0.53	0.45	0.01	0.03
7.05	0.47	0.53	0.45	0.01	0.03	7.06	0.47	0.53	0.45	0.01	0.03
7.07	0.47	0.53	0.45	0.01	0.03	7.08	0.47	0.53	0.45	0.01	0.03
7.09	0.47	0.53	0.45	0.01	0.03	7.10	0.48	0.52	0.45	0.01	0.03
7.11	0.48	0.52	0.46	0.01	0.03	7.12	0.49	0.51	0.46	0.01	0.03
7.13	0.50	0.50	0.47	0.01	0.03	7.14	0.50	0.50	0.48	0.01	0.03
7.15	0.51	0.49	0.49	0.01	0.03	7.16	0.53	0.47	0.52	0.01	0.03
7.17	0.58	0.42	0.59	0.01	0.03	7.18	0.60	0.40	0.63	0.01	0.03
7.19	0.62	0.38	0.67	0.01	0.02	7.20	0.63	0.37	0.70	0.01	0.02
7.21	0.64	0.36	0.71	0.01	0.02	7.22	0.65	0.35	0.74	0.01	0.02
7.23	0.64	0.36	0.72	0.01	0.02	7.24	0.63	0.37	0.71	0.01	0.02
7.25	0.62	0.38	0.68	0.01	0.02	7.26	0.62	0.38	0.67	0.01	0.02
7.27	0.59	0.41	0.62	0.01	0.03	7.28	0.58	0.42	0.59	0.01	0.03
7.29	0.53	0.47	0.51	0.01	0.03	7.30	0.48	0.52	0.45	0.01	0.03
7.31	0.44	0.56	0.42	0.01	0.04	7.32	0.42	0.58	0.40	0.01	0.04
7.33	0.42	0.58	0.40	0.01	0.04	7.34	0.42	0.58	0.40	0.01	0.04
7.35	0.42	0.58	0.40	0.01	0.04	7.36	0.42	0.58	0.40	0.01	0.04
7.37	0.42	0.58	0.40	0.01	0.04	7.38	0.42	0.58	0.40	0.01	0.04
7.39	0.42	0.58	0.40	0.01	0.04	7.40	0.42	0.58	0.40	0.01	0.04
7.41	0.42	0.58	0.40	0.01	0.04	7.42	0.42	0.58	0.40	0.01	0.04
7.43	0.42	0.58	0.40	0.01	0.04	7.44	0.42	0.58	0.40	0.01	0.04
7.45	0.44	0.56	0.42	0.01	0.04	7.46	0.45	0.55	0.42	0.01	0.03
7.47	0.47	0.53	0.45	0.01	0.03	7.48	0.49	0.51	0.46	0.01	0.03
7.49	0.51	0.49	0.49	0.01	0.03	7.50	0.52	0.48	0.51	0.01	0.03
7.51	0.49	0.51	0.47	0.01	0.03	7.52	0.49	0.51	0.47	0.01	0.03
7.53	0.48	0.52	0.46	0.01	0.03	7.54	0.47	0.53	0.45	0.01	0.03
7.55	0.47	0.53	0.45	0.01	0.03	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00

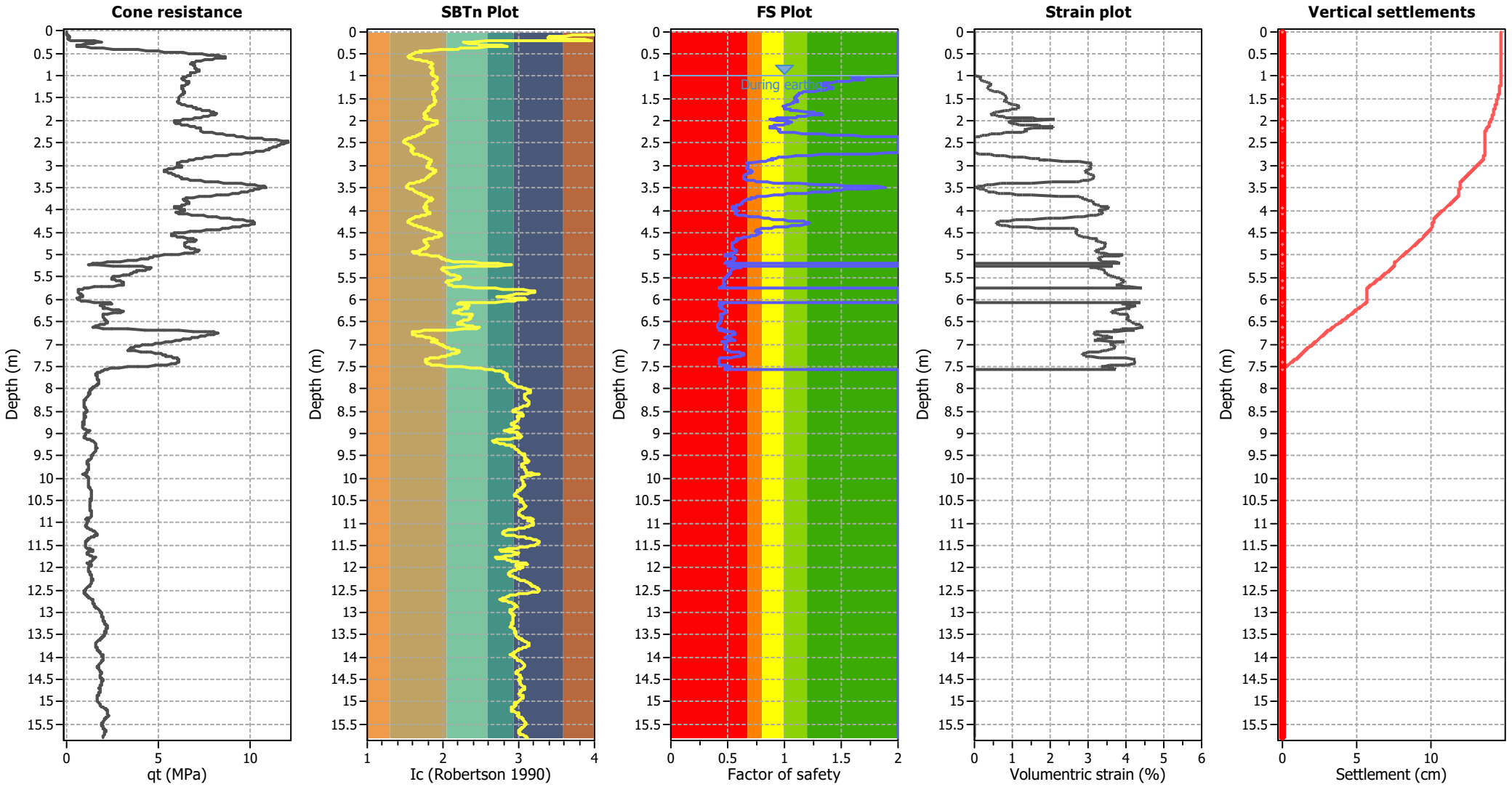
Overall liquefaction potential: 12.42

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	132.57	2.00	0.00	1.00	0.00	1.01	132.33	1.59	0.20	1.00	0.00
1.02	134.20	1.64	0.17	1.00	0.00	1.03	135.00	1.66	0.16	1.00	0.00
1.04	135.68	1.68	0.15	1.00	0.00	1.05	136.24	1.69	0.14	1.00	0.00
1.06	136.58	1.69	0.14	1.00	0.00	1.07	136.80	1.69	0.14	1.00	0.00
1.08	136.27	1.67	0.16	1.00	0.00	1.09	135.86	1.64	0.17	1.00	0.00
1.10	134.92	1.60	0.20	1.00	0.00	1.11	134.11	1.57	0.22	1.00	0.00
1.12	132.85	1.52	0.25	1.00	0.00	1.13	131.11	1.46	0.30	1.00	0.00
1.14	129.73	1.42	0.34	1.00	0.00	1.15	128.18	1.37	0.39	1.00	0.00
1.16	127.55	1.35	0.41	1.00	0.00	1.17	127.46	1.34	0.42	1.00	0.00
1.18	126.87	1.32	0.44	1.00	0.00	1.19	127.19	1.32	0.44	1.00	0.00
1.20	127.87	1.33	0.43	1.00	0.00	1.21	128.53	1.34	0.42	1.00	0.00
1.22	129.74	1.37	0.39	1.00	0.00	1.23	130.31	1.38	0.38	1.00	0.00
1.24	131.34	1.40	0.36	1.00	0.00	1.25	131.89	1.41	0.35	1.00	0.00
1.26	132.42	1.42	0.34	1.00	0.00	1.27	132.69	1.42	0.34	1.00	0.00
1.28	132.35	1.41	0.35	1.00	0.00	1.29	131.72	1.38	0.37	1.00	0.00
1.30	130.95	1.36	0.40	1.00	0.00	1.31	129.87	1.33	0.44	1.00	0.00
1.32	129.37	1.31	0.46	1.00	0.00	1.33	128.16	1.27	0.50	1.00	0.01
1.34	126.78	1.24	0.55	1.00	0.01	1.35	125.65	1.21	0.60	1.00	0.01
1.36	124.16	1.17	0.67	1.00	0.01	1.37	123.53	1.16	0.70	1.00	0.01
1.38	122.93	1.14	0.73	1.00	0.01	1.39	122.75	1.13	0.75	1.00	0.01
1.40	122.67	1.13	0.76	1.00	0.01	1.41	122.82	1.13	0.76	1.00	0.01
1.42	122.34	1.11	0.79	1.00	0.01	1.43	122.25	1.11	0.80	1.00	0.01
1.44	122.16	1.10	0.82	1.00	0.01	1.45	122.05	1.10	0.83	1.00	0.01
1.46	122.42	1.10	0.82	1.00	0.01	1.47	122.62	1.10	0.82	1.00	0.01
1.48	122.48	1.10	0.83	1.00	0.01	1.49	122.35	1.09	0.85	1.00	0.01
1.50	122.31	1.09	0.86	1.00	0.01	1.51	122.87	1.10	0.84	1.00	0.01
1.52	123.47	1.10	0.81	1.00	0.01	1.53	123.89	1.11	0.80	1.00	0.01
1.54	124.42	1.12	0.78	1.00	0.01	1.55	124.55	1.12	0.78	1.00	0.01
1.56	124.56	1.11	0.79	1.00	0.01	1.57	123.49	1.09	0.85	1.00	0.01
1.58	123.09	1.08	0.88	1.00	0.01	1.59	122.86	1.07	0.90	1.00	0.01
1.60	122.95	1.07	0.90	1.00	0.01	1.61	122.68	1.06	0.92	1.00	0.01
1.62	122.60	1.06	0.94	1.00	0.01	1.63	121.82	1.04	0.99	1.00	0.01
1.64	121.33	1.03	1.03	1.00	0.01	1.65	120.79	1.02	1.08	1.00	0.01
1.66	119.52	1.00	1.18	1.00	0.01	1.67	120.32	1.01	1.13	1.00	0.01
1.68	119.49	0.99	1.20	1.00	0.01	1.69	120.00	1.00	1.17	1.00	0.01
1.70	120.09	1.00	1.17	1.00	0.01	1.71	120.75	1.01	1.13	1.00	0.01
1.72	120.90	1.01	1.13	1.00	0.01	1.73	121.30	1.01	1.11	1.00	0.01
1.74	121.66	1.01	1.09	1.00	0.01	1.75	123.60	1.05	0.97	1.00	0.01
1.76	124.28	1.06	0.94	1.00	0.01	1.77	125.59	1.08	0.87	1.00	0.01
1.78	126.90	1.10	0.81	1.00	0.01	1.79	131.06	1.19	0.63	1.00	0.01
1.80	132.59	1.22	0.57	1.00	0.01	1.81	133.73	1.25	0.53	1.00	0.01
1.82	134.73	1.27	0.50	1.00	0.00	1.83	135.73	1.30	0.47	1.00	0.00
1.84	136.57	1.32	0.44	1.00	0.00	1.85	136.91	1.33	0.44	1.00	0.00
1.86	136.40	1.31	0.45	1.00	0.00	1.87	135.07	1.27	0.50	1.00	0.01
1.88	133.41	1.23	0.57	1.00	0.01	1.89	131.83	1.18	0.63	1.00	0.01
1.90	128.67	1.11	0.78	1.00	0.01	1.91	128.92	1.12	0.77	1.00	0.01
1.92	128.47	1.10	0.80	1.00	0.01	1.93	118.63	0.93	1.54	1.00	0.02
1.94	118.79	0.93	1.54	1.00	0.02	1.95	117.83	0.91	1.67	1.00	0.02

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	116.69	0.90	1.85	1.00	0.02	1.97	115.29	0.88	2.11	1.00	0.02
1.98	119.19	0.93	1.53	1.00	0.02	1.99	121.77	0.97	1.28	1.00	0.01
2.00	125.39	1.03	1.01	1.00	0.01	2.01	125.54	1.03	1.01	1.00	0.01
2.02	127.47	1.07	0.90	1.00	0.01	2.03	127.32	1.06	0.91	1.00	0.01
2.04	127.18	1.06	0.92	1.00	0.01	2.05	125.98	1.03	1.00	1.00	0.01
2.06	126.29	1.04	0.98	1.00	0.01	2.07	124.93	1.01	1.08	1.00	0.01
2.08	123.59	0.98	1.19	1.00	0.01	2.09	121.95	0.96	1.33	1.00	0.01
2.10	118.76	0.91	1.71	1.00	0.02	2.11	118.50	0.90	1.75	1.00	0.02
2.12	116.63	0.87	2.08	1.00	0.02	2.13	116.86	0.88	2.05	1.00	0.02
2.14	116.85	0.87	2.06	1.00	0.02	2.15	116.78	0.87	2.09	1.00	0.02
2.16	118.76	0.90	1.77	1.00	0.02	2.17	120.65	0.92	1.53	1.00	0.02
2.18	122.31	0.95	1.36	1.00	0.01	2.19	122.81	0.96	1.32	1.00	0.01
2.20	122.48	0.95	1.36	1.00	0.01	2.21	122.48	0.95	1.37	1.00	0.01
2.22	122.31	0.94	1.39	1.00	0.01	2.23	122.48	0.94	1.38	1.00	0.01
2.24	122.81	0.95	1.35	1.00	0.01	2.25	123.82	0.96	1.27	1.00	0.01
2.26	127.34	1.03	1.01	1.00	0.01	2.27	130.70	1.09	0.82	1.00	0.01
2.28	133.38	1.15	0.69	1.00	0.01	2.29	136.07	1.22	0.58	1.00	0.01
2.30	140.26	1.33	0.43	1.00	0.00	2.31	142.44	1.40	0.36	1.00	0.00
2.32	145.13	1.50	0.28	1.00	0.00	2.33	147.76	1.60	0.20	1.00	0.00
2.34	149.97	1.69	0.14	1.00	0.00	2.35	153.72	1.88	0.05	1.00	0.00
2.36	155.26	1.97	0.01	1.00	0.00	2.37	155.75	1.99	0.00	1.00	0.00
2.38	157.19	2.00	0.00	1.00	0.00	2.39	162.11	2.00	0.00	1.00	0.00
2.40	164.71	2.00	0.00	1.00	0.00	2.41	167.18	2.00	0.00	1.00	0.00
2.42	169.51	2.00	0.00	1.00	0.00	2.43	171.82	2.00	0.00	1.00	0.00
2.44	177.70	2.00	0.00	1.00	0.00	2.45	180.54	2.00	0.00	1.00	0.00
2.46	182.97	2.00	0.00	1.00	0.00	2.47	184.22	2.00	0.00	1.00	0.00
2.48	183.96	2.00	0.00	1.00	0.00	2.49	183.11	2.00	0.00	1.00	0.00
2.50	182.27	2.00	0.00	1.00	0.00	2.51	181.31	2.00	0.00	1.00	0.00
2.52	179.41	2.00	0.00	1.00	0.00	2.53	177.77	2.00	0.00	1.00	0.00
2.54	177.05	2.00	0.00	1.00	0.00	2.55	176.79	2.00	0.00	1.00	0.00
2.56	175.95	2.00	0.00	1.00	0.00	2.57	174.88	2.00	0.00	1.00	0.00
2.58	174.16	2.00	0.00	1.00	0.00	2.59	173.67	2.00	0.00	1.00	0.00
2.60	171.67	2.00	0.00	1.00	0.00	2.61	170.14	2.00	0.00	1.00	0.00
2.62	169.30	2.00	0.00	1.00	0.00	2.63	168.80	2.00	0.00	1.00	0.00
2.64	169.13	2.00	0.00	1.00	0.00	2.65	168.99	2.00	0.00	1.00	0.00
2.66	168.50	2.00	0.00	1.00	0.00	2.67	167.43	2.00	0.00	1.00	0.00
2.68	164.36	2.00	0.00	1.00	0.00	2.69	162.22	2.00	0.00	1.00	0.00
2.70	159.84	2.00	0.00	1.00	0.00	2.71	157.57	2.00	0.00	1.00	0.00
2.72	155.52	1.91	0.04	1.00	0.00	2.73	152.51	1.75	0.11	1.00	0.00
2.74	150.81	1.66	0.16	1.00	0.00	2.75	145.45	1.44	0.32	1.00	0.00
2.76	142.00	1.32	0.44	1.00	0.00	2.77	139.02	1.23	0.55	1.00	0.01
2.78	136.03	1.15	0.68	1.00	0.01	2.79	133.64	1.10	0.79	1.00	0.01
2.80	130.49	1.03	0.97	1.00	0.01	2.81	128.43	0.99	1.12	1.00	0.01
2.82	126.12	0.95	1.31	1.00	0.01	2.83	124.42	0.92	1.48	1.00	0.01
2.84	123.32	0.90	1.61	1.00	0.02	2.85	122.61	0.89	1.71	1.00	0.02
2.86	122.84	0.89	1.69	1.00	0.02	2.87	121.43	0.87	1.90	1.00	0.02
2.88	121.95	0.88	1.82	1.00	0.02	2.89	121.17	0.86	1.95	1.00	0.02
2.90	119.15	0.84	2.37	1.00	0.02	2.91	119.03	0.83	2.40	1.00	0.02

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	115.65	0.79	2.76	1.00	0.03	2.93	106.25	0.69	3.02	1.00	0.03
2.94	104.00	0.67	3.09	1.00	0.03	2.95	103.71	0.67	3.10	1.00	0.03
2.96	104.34	0.67	3.08	1.00	0.03	2.97	104.49	0.67	3.07	1.00	0.03
2.98	104.51	0.67	3.07	1.00	0.03	2.99	104.76	0.68	3.06	1.00	0.03
3.00	104.63	0.67	3.07	1.00	0.03	3.01	105.46	0.68	3.04	1.00	0.03
3.02	105.65	0.68	3.04	1.00	0.03	3.03	105.10	0.68	3.05	1.00	0.03
3.04	104.40	0.67	3.07	1.00	0.03	3.05	103.76	0.66	3.09	1.00	0.03
3.06	104.45	0.67	3.07	1.00	0.03	3.07	103.89	0.66	3.09	1.00	0.03
3.08	105.72	0.68	3.03	1.00	0.03	3.09	107.01	0.69	3.00	1.00	0.03
3.10	108.47	0.70	2.95	1.00	0.03	3.11	109.06	0.71	2.94	1.00	0.03
3.12	110.15	0.72	2.91	1.00	0.03	3.13	110.03	0.72	2.91	1.00	0.03
3.14	109.94	0.72	2.91	1.00	0.03	3.15	108.95	0.71	2.94	1.00	0.03
3.16	108.75	0.70	2.95	1.00	0.03	3.17	107.44	0.69	2.98	1.00	0.03
3.18	106.54	0.68	3.01	1.00	0.03	3.19	105.14	0.67	3.05	1.00	0.03
3.20	104.22	0.66	3.08	1.00	0.03	3.21	102.66	0.65	3.13	1.00	0.03
3.22	102.00	0.64	3.15	1.00	0.03	3.23	101.41	0.64	3.17	1.00	0.03
3.24	101.63	0.64	3.16	1.00	0.03	3.25	101.65	0.64	3.16	1.00	0.03
3.26	101.73	0.64	3.16	1.00	0.03	3.27	101.98	0.64	3.15	1.00	0.03
3.28	101.95	0.64	3.15	1.00	0.03	3.29	102.63	0.64	3.13	1.00	0.03
3.30	103.49	0.65	3.10	1.00	0.03	3.31	104.56	0.66	3.07	1.00	0.03
3.32	105.51	0.67	3.04	1.00	0.03	3.33	107.28	0.68	2.99	1.00	0.03
3.34	111.80	0.73	2.86	1.00	0.03	3.35	114.97	0.76	2.78	1.00	0.03
3.36	118.19	0.80	2.70	1.00	0.03	3.37	122.12	0.85	2.05	1.00	0.02
3.38	126.01	0.91	1.50	1.00	0.01	3.39	131.71	1.01	1.02	1.00	0.01
3.40	134.30	1.07	0.86	1.00	0.01	3.41	137.23	1.13	0.71	1.00	0.01
3.42	143.12	1.30	0.46	1.00	0.00	3.43	145.52	1.38	0.38	1.00	0.00
3.44	147.54	1.45	0.31	1.00	0.00	3.45	149.68	1.54	0.25	1.00	0.00
3.46	153.90	1.73	0.13	1.00	0.00	3.47	155.65	1.82	0.08	1.00	0.00
3.48	156.70	1.88	0.05	1.00	0.00	3.49	156.82	1.89	0.05	1.00	0.00
3.50	156.13	1.85	0.07	1.00	0.00	3.51	153.71	1.72	0.13	1.00	0.00
3.52	152.43	1.65	0.17	1.00	0.00	3.53	151.16	1.59	0.21	1.00	0.00
3.54	149.65	1.53	0.25	1.00	0.00	3.55	148.84	1.49	0.28	1.00	0.00
3.56	147.91	1.46	0.31	1.00	0.00	3.57	147.21	1.43	0.33	1.00	0.00
3.58	146.28	1.39	0.36	1.00	0.00	3.59	143.46	1.30	0.46	1.00	0.00
3.60	141.70	1.24	0.53	1.00	0.01	3.61	139.93	1.19	0.61	1.00	0.01
3.62	138.27	1.15	0.68	1.00	0.01	3.63	136.37	1.10	0.77	1.00	0.01
3.64	132.78	1.02	0.98	1.00	0.01	3.65	130.86	0.98	1.11	1.00	0.01
3.66	128.82	0.94	1.28	1.00	0.01	3.67	126.77	0.91	1.48	1.00	0.01
3.68	121.89	0.83	2.22	1.00	0.02	3.69	118.73	0.79	2.69	1.00	0.03
3.70	115.99	0.76	2.75	1.00	0.03	3.71	114.44	0.74	2.79	1.00	0.03
3.72	111.56	0.71	2.87	1.00	0.03	3.73	112.17	0.72	2.85	1.00	0.03
3.74	111.68	0.71	2.87	1.00	0.03	3.75	110.50	0.70	2.90	1.00	0.03
3.76	108.73	0.68	2.95	1.00	0.03	3.77	107.63	0.67	2.98	1.00	0.03
3.78	106.39	0.66	3.01	1.00	0.03	3.79	104.62	0.64	3.07	1.00	0.03
3.80	103.62	0.64	3.10	1.00	0.03	3.81	102.55	0.63	3.13	1.00	0.03
3.82	102.07	0.62	3.15	1.00	0.03	3.83	102.41	0.63	3.14	1.00	0.03
3.84	102.54	0.63	3.13	1.00	0.03	3.85	102.17	0.62	3.14	1.00	0.03
3.86	101.35	0.62	3.17	1.00	0.03	3.87	99.43	0.60	3.23	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	98.51	0.59	3.26	1.00	0.03	3.89	97.99	0.59	3.28	1.00	0.03
3.90	96.97	0.58	3.32	1.00	0.03	3.91	96.93	0.58	3.32	1.00	0.03
3.92	96.69	0.58	3.32	1.00	0.03	3.93	90.96	0.54	3.54	1.00	0.04
3.94	90.75	0.54	3.54	1.00	0.04	3.95	90.83	0.54	3.54	1.00	0.04
3.96	91.37	0.54	3.52	1.00	0.04	3.97	93.49	0.56	3.44	1.00	0.03
3.98	95.01	0.57	3.38	1.00	0.03	3.99	96.54	0.58	3.33	1.00	0.03
4.00	98.54	0.59	3.26	1.00	0.03	4.01	98.47	0.59	3.26	1.00	0.03
4.02	97.55	0.58	3.30	1.00	0.03	4.03	96.28	0.57	3.34	1.00	0.03
4.04	95.39	0.57	3.37	1.00	0.03	4.05	94.76	0.56	3.39	1.00	0.03
4.06	94.97	0.56	3.39	1.00	0.03	4.07	94.57	0.56	3.40	1.00	0.03
4.08	95.63	0.57	3.36	1.00	0.03	4.09	96.65	0.57	3.33	1.00	0.03
4.10	99.07	0.59	3.24	1.00	0.03	4.11	102.35	0.61	3.14	1.00	0.03
4.12	105.70	0.64	3.03	1.00	0.03	4.13	110.76	0.69	2.89	1.00	0.03
4.14	113.17	0.71	2.83	1.00	0.03	4.15	115.93	0.74	2.75	1.00	0.03
4.16	118.18	0.77	2.70	1.00	0.03	4.17	122.27	0.82	2.31	1.00	0.02
4.18	123.51	0.84	2.06	1.00	0.02	4.19	124.38	0.85	1.92	1.00	0.02
4.20	127.40	0.90	1.51	1.00	0.02	4.21	129.57	0.94	1.30	1.00	0.01
4.22	132.08	0.98	1.09	1.00	0.01	4.23	134.58	1.04	0.93	1.00	0.01
4.24	136.71	1.08	0.81	1.00	0.01	4.25	140.11	1.17	0.64	1.00	0.01
4.26	140.95	1.19	0.61	1.00	0.01	4.27	141.55	1.21	0.58	1.00	0.01
4.28	141.69	1.21	0.57	1.00	0.01	4.29	141.72	1.21	0.57	1.00	0.01
4.30	141.62	1.21	0.58	1.00	0.01	4.31	141.53	1.21	0.58	1.00	0.01
4.32	140.98	1.19	0.61	1.00	0.01	4.33	139.03	1.14	0.70	1.00	0.01
4.34	137.55	1.10	0.77	1.00	0.01	4.35	135.83	1.06	0.86	1.00	0.01
4.36	134.10	1.02	0.97	1.00	0.01	4.37	132.26	0.98	1.09	1.00	0.01
4.38	128.41	0.91	1.43	1.00	0.01	4.39	126.43	0.88	1.65	1.00	0.02
4.40	124.80	0.85	1.89	1.00	0.02	4.41	121.53	0.81	2.56	1.00	0.03
4.42	120.31	0.79	2.65	1.00	0.03	4.43	118.83	0.77	2.68	1.00	0.03
4.44	117.63	0.76	2.71	1.00	0.03	4.45	117.91	0.76	2.71	1.00	0.03
4.46	116.37	0.74	2.74	1.00	0.03	4.47	118.18	0.76	2.70	1.00	0.03
4.48	118.93	0.77	2.68	1.00	0.03	4.49	119.45	0.78	2.67	1.00	0.03
4.50	120.67	0.79	2.64	1.00	0.03	4.51	118.52	0.76	2.69	1.00	0.03
4.52	119.20	0.77	2.67	1.00	0.03	4.53	118.64	0.77	2.69	1.00	0.03
4.54	118.54	0.76	2.69	1.00	0.03	4.55	117.59	0.75	2.71	1.00	0.03
4.56	116.63	0.74	2.74	1.00	0.03	4.57	115.31	0.72	2.77	1.00	0.03
4.58	114.14	0.71	2.80	1.00	0.03	4.59	112.38	0.69	2.85	1.00	0.03
4.60	109.78	0.67	2.92	1.00	0.03	4.61	107.60	0.65	2.98	1.00	0.03
4.62	104.07	0.61	3.08	1.00	0.03	4.63	99.93	0.58	3.22	1.00	0.03
4.64	99.44	0.58	3.23	1.00	0.03	4.65	99.39	0.58	3.23	1.00	0.03
4.66	100.33	0.59	3.20	1.00	0.03	4.67	100.96	0.59	3.18	1.00	0.03
4.68	100.89	0.59	3.18	1.00	0.03	4.69	99.62	0.58	3.23	1.00	0.03
4.70	98.36	0.57	3.27	1.00	0.03	4.71	96.74	0.56	3.32	1.00	0.03
4.72	95.03	0.55	3.38	1.00	0.03	4.73	93.06	0.53	3.46	1.00	0.03
4.74	92.83	0.53	3.46	1.00	0.03	4.75	92.81	0.53	3.46	1.00	0.03
4.76	93.35	0.54	3.44	1.00	0.03	4.77	93.44	0.54	3.44	1.00	0.03
4.78	93.37	0.54	3.44	1.00	0.03	4.79	93.40	0.54	3.44	1.00	0.03
4.80	93.37	0.54	3.44	1.00	0.03	4.81	93.14	0.53	3.45	1.00	0.03
4.82	93.62	0.54	3.43	1.00	0.03	4.83	93.78	0.54	3.43	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	94.17	0.54	3.41	1.00	0.03	4.85	94.48	0.54	3.40	1.00	0.03
4.86	94.88	0.54	3.39	1.00	0.03	4.87	96.72	0.56	3.32	1.00	0.03
4.88	98.09	0.56	3.28	1.00	0.03	4.89	99.45	0.57	3.23	1.00	0.03
4.90	100.57	0.58	3.19	1.00	0.03	4.91	100.50	0.58	3.20	1.00	0.03
4.92	100.44	0.58	3.20	1.00	0.03	4.93	98.60	0.57	3.26	1.00	0.03
4.94	98.18	0.56	3.27	1.00	0.03	4.95	97.41	0.56	3.30	1.00	0.03
4.96	96.16	0.55	3.34	1.00	0.03	4.97	93.07	0.53	3.46	1.00	0.03
4.98	90.67	0.52	3.55	1.00	0.04	4.99	87.88	0.50	3.66	1.00	0.04
5.00	81.99	0.47	3.91	1.00	0.04	5.01	83.42	0.48	3.85	1.00	0.04
5.02	89.14	0.51	3.61	1.00	0.04	5.03	91.82	0.52	3.50	1.00	0.04
5.04	94.60	0.54	3.40	1.00	0.03	5.05	95.70	0.55	3.36	1.00	0.03
5.06	97.17	0.55	3.31	1.00	0.03	5.07	97.91	0.56	3.28	1.00	0.03
5.08	98.04	0.56	3.28	1.00	0.03	5.09	98.10	0.56	3.28	1.00	0.03
5.10	98.62	0.56	3.26	1.00	0.03	5.11	96.44	0.55	3.33	1.00	0.03
5.12	96.48	0.55	3.33	1.00	0.03	5.13	95.64	0.54	3.36	1.00	0.03
5.14	96.32	0.55	3.34	1.00	0.03	5.15	91.18	0.52	3.53	1.00	0.04
5.16	89.17	0.50	3.61	1.00	0.04	5.17	86.25	0.49	3.73	1.00	0.04
5.18	83.31	0.47	3.85	1.00	0.04	5.19	23.11	2.00	0.00	1.00	0.00
5.20	20.46	2.00	0.00	1.00	0.00	5.21	16.87	2.00	0.00	1.00	0.00
5.22	16.01	2.00	0.00	1.00	0.00	5.23	16.42	2.00	0.00	1.00	0.00
5.24	21.89	2.00	0.00	1.00	0.00	5.25	87.65	0.50	3.67	1.00	0.04
5.26	106.13	0.62	3.02	1.00	0.03	5.27	105.69	0.61	3.04	1.00	0.03
5.28	104.49	0.60	3.07	1.00	0.03	5.29	101.94	0.58	3.15	1.00	0.03
5.30	99.85	0.57	3.22	1.00	0.03	5.31	97.14	0.55	3.31	1.00	0.03
5.32	95.89	0.54	3.35	1.00	0.03	5.33	94.75	0.53	3.39	1.00	0.03
5.34	93.96	0.53	3.42	1.00	0.03	5.35	94.21	0.53	3.41	1.00	0.03
5.36	93.08	0.52	3.45	1.00	0.03	5.37	93.77	0.53	3.43	1.00	0.03
5.38	93.70	0.53	3.43	1.00	0.03	5.39	93.43	0.53	3.44	1.00	0.03
5.40	93.06	0.52	3.46	1.00	0.03	5.41	92.25	0.52	3.49	1.00	0.03
5.42	92.06	0.52	3.49	1.00	0.03	5.43	91.93	0.52	3.50	1.00	0.03
5.44	91.78	0.52	3.50	1.00	0.04	5.45	92.12	0.52	3.49	1.00	0.03
5.46	89.44	0.50	3.59	1.00	0.04	5.47	88.91	0.50	3.62	1.00	0.04
5.48	87.73	0.49	3.66	1.00	0.04	5.49	86.73	0.49	3.71	1.00	0.04
5.50	85.79	0.48	3.75	1.00	0.04	5.51	84.81	0.48	3.79	1.00	0.04
5.52	83.61	0.47	3.84	1.00	0.04	5.53	83.21	0.47	3.86	1.00	0.04
5.54	83.00	0.47	3.87	1.00	0.04	5.55	82.36	0.46	3.90	1.00	0.04
5.56	83.29	0.47	3.86	1.00	0.04	5.57	81.01	0.46	3.96	1.00	0.04
5.58	82.18	0.46	3.91	1.00	0.04	5.59	81.12	0.46	3.96	1.00	0.04
5.60	81.14	0.46	3.95	1.00	0.04	5.61	82.05	0.46	3.91	1.00	0.04
5.62	82.29	0.46	3.90	1.00	0.04	5.63	82.71	0.47	3.88	1.00	0.04
5.64	83.17	0.47	3.86	1.00	0.04	5.65	83.91	0.47	3.83	1.00	0.04
5.66	84.57	0.47	3.80	1.00	0.04	5.67	85.80	0.48	3.75	1.00	0.04
5.68	84.97	0.48	3.78	1.00	0.04	5.69	83.55	0.47	3.84	1.00	0.04
5.70	80.98	0.46	3.96	1.00	0.04	5.71	78.75	0.45	4.07	1.00	0.04
5.72	78.41	0.44	4.09	1.00	0.04	5.73	72.64	0.42	4.39	1.00	0.04
5.74	71.87	0.42	4.44	1.00	0.04	5.75	14.52	2.00	0.00	1.00	0.00
5.76	13.15	2.00	0.00	1.00	0.00	5.77	11.90	2.00	0.00	1.00	0.00
5.78	9.73	2.00	0.00	1.00	0.00	5.79	9.04	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	8.63	2.00	0.00	1.00	0.00	5.81	8.35	2.00	0.00	1.00	0.00
5.82	8.34	2.00	0.00	1.00	0.00	5.83	8.33	2.00	0.00	1.00	0.00
5.84	8.19	2.00	0.00	1.00	0.00	5.85	8.32	2.00	0.00	1.00	0.00
5.86	8.45	2.00	0.00	1.00	0.00	5.87	9.13	2.00	0.00	1.00	0.00
5.88	10.34	2.00	0.00	1.00	0.00	5.89	10.74	2.00	0.00	1.00	0.00
5.90	11.00	2.00	0.00	1.00	0.00	5.91	11.00	2.00	0.00	1.00	0.00
5.92	11.00	2.00	0.00	1.00	0.00	5.93	12.08	2.00	0.00	1.00	0.00
5.94	11.14	2.00	0.00	1.00	0.00	5.95	10.32	2.00	0.00	1.00	0.00
5.96	8.68	2.00	0.00	1.00	0.00	5.97	8.13	2.00	0.00	1.00	0.00
5.98	7.58	2.00	0.00	1.00	0.00	5.99	7.44	2.00	0.00	1.00	0.00
6.00	7.84	2.00	0.00	1.00	0.00	6.01	9.99	2.00	0.00	1.00	0.00
6.02	9.72	2.00	0.00	1.00	0.00	6.03	9.71	2.00	0.00	1.00	0.00
6.04	11.06	2.00	0.00	1.00	0.00	6.05	13.86	2.00	0.00	1.00	0.00
6.06	72.87	0.42	4.38	1.00	0.04	6.07	82.12	0.46	3.91	1.00	0.04
6.08	82.50	0.46	3.89	1.00	0.04	6.09	82.95	0.46	3.87	1.00	0.04
6.10	82.11	0.46	3.91	1.00	0.04	6.11	81.29	0.45	3.95	1.00	0.04
6.12	76.79	0.43	4.17	1.00	0.04	6.13	75.95	0.43	4.21	1.00	0.04
6.14	75.12	0.43	4.26	1.00	0.04	6.15	77.09	0.43	4.15	1.00	0.04
6.16	78.52	0.44	4.08	1.00	0.04	6.17	79.98	0.45	4.01	1.00	0.04
6.18	79.65	0.44	4.03	1.00	0.04	6.19	78.09	0.44	4.10	1.00	0.04
6.20	78.65	0.44	4.08	1.00	0.04	6.21	79.95	0.45	4.01	1.00	0.04
6.22	84.85	0.47	3.79	1.00	0.04	6.23	85.70	0.47	3.75	1.00	0.04
6.24	86.67	0.48	3.71	1.00	0.04	6.25	87.02	0.48	3.69	1.00	0.04
6.26	87.80	0.48	3.66	1.00	0.04	6.27	88.53	0.49	3.63	1.00	0.04
6.28	88.47	0.49	3.63	1.00	0.04	6.29	87.31	0.48	3.68	1.00	0.04
6.30	85.42	0.47	3.76	1.00	0.04	6.31	83.96	0.46	3.83	1.00	0.04
6.32	82.59	0.46	3.89	1.00	0.04	6.33	79.15	0.44	4.05	1.00	0.04
6.34	79.30	0.44	4.04	1.00	0.04	6.35	79.06	0.44	4.06	1.00	0.04
6.36	78.86	0.44	4.06	1.00	0.04	6.37	79.02	0.44	4.06	1.00	0.04
6.38	78.99	0.44	4.06	1.00	0.04	6.39	78.95	0.44	4.06	1.00	0.04
6.40	79.56	0.44	4.03	1.00	0.04	6.41	79.64	0.44	4.03	1.00	0.04
6.42	79.94	0.44	4.01	1.00	0.04	6.43	80.08	0.44	4.01	1.00	0.04
6.44	79.46	0.44	4.04	1.00	0.04	6.45	79.30	0.44	4.04	1.00	0.04
6.46	78.55	0.44	4.08	1.00	0.04	6.47	78.36	0.44	4.09	1.00	0.04
6.48	78.14	0.44	4.10	1.00	0.04	6.49	77.66	0.43	4.12	1.00	0.04
6.50	77.41	0.43	4.14	1.00	0.04	6.51	76.86	0.43	4.17	1.00	0.04
6.52	76.09	0.43	4.21	1.00	0.04	6.53	75.69	0.43	4.23	1.00	0.04
6.54	75.33	0.42	4.25	1.00	0.04	6.55	74.74	0.42	4.28	1.00	0.04
6.56	74.80	0.42	4.27	1.00	0.04	6.57	72.67	0.41	4.39	1.00	0.04
6.58	72.97	0.41	4.38	1.00	0.04	6.59	72.70	0.41	4.39	1.00	0.04
6.60	72.39	0.41	4.41	1.00	0.04	6.61	72.08	0.41	4.43	1.00	0.04
6.62	71.51	0.41	4.46	1.00	0.04	6.63	72.41	0.41	4.41	1.00	0.04
6.64	75.58	0.42	4.23	1.00	0.04	6.65	78.28	0.43	4.09	1.00	0.04
6.66	82.45	0.45	3.89	1.00	0.04	6.67	83.61	0.46	3.84	1.00	0.04
6.68	88.34	0.48	3.64	1.00	0.04	6.69	75.70	0.42	4.23	1.00	0.04
6.70	78.59	0.44	4.08	1.00	0.04	6.71	86.57	0.47	3.71	1.00	0.04
6.72	97.33	0.53	3.30	1.00	0.03	6.73	100.53	0.55	3.20	1.00	0.03
6.74	102.15	0.56	3.14	1.00	0.03	6.75	102.43	0.57	3.13	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	102.38	0.57	3.14	1.00	0.03	6.77	101.88	0.56	3.15	1.00	0.03
6.78	100.60	0.55	3.19	1.00	0.03	6.79	97.75	0.53	3.29	1.00	0.03
6.80	96.12	0.52	3.34	1.00	0.03	6.81	94.21	0.51	3.41	1.00	0.03
6.82	92.67	0.50	3.47	1.00	0.03	6.83	91.13	0.49	3.53	1.00	0.04
6.84	89.73	0.49	3.58	1.00	0.04	6.85	88.11	0.48	3.65	1.00	0.04
6.86	90.91	0.49	3.54	1.00	0.04	6.87	93.69	0.51	3.43	1.00	0.03
6.88	96.24	0.52	3.34	1.00	0.03	6.89	99.42	0.54	3.23	1.00	0.03
6.90	99.88	0.55	3.22	1.00	0.03	6.91	102.23	0.56	3.14	1.00	0.03
6.92	97.10	0.53	3.31	1.00	0.03	6.93	87.38	0.48	3.68	1.00	0.04
6.94	81.10	0.45	3.96	1.00	0.04	6.95	83.16	0.45	3.86	1.00	0.04
6.96	86.03	0.47	3.74	1.00	0.04	6.97	86.77	0.47	3.70	1.00	0.04
6.98	88.63	0.48	3.63	1.00	0.04	6.99	88.87	0.48	3.62	1.00	0.04
7.00	89.48	0.49	3.59	1.00	0.04	7.01	88.79	0.48	3.62	1.00	0.04
7.02	87.89	0.48	3.66	1.00	0.04	7.03	87.41	0.47	3.68	1.00	0.04
7.04	87.03	0.47	3.69	1.00	0.04	7.05	87.01	0.47	3.69	1.00	0.04
7.06	86.31	0.47	3.72	1.00	0.04	7.07	86.76	0.47	3.70	1.00	0.04
7.08	86.87	0.47	3.70	1.00	0.04	7.09	87.17	0.47	3.69	1.00	0.04
7.10	87.67	0.48	3.67	1.00	0.04	7.11	89.15	0.48	3.61	1.00	0.04
7.12	89.80	0.49	3.58	1.00	0.04	7.13	91.47	0.50	3.52	1.00	0.04
7.14	92.61	0.50	3.47	1.00	0.03	7.15	94.58	0.51	3.40	1.00	0.03
7.16	97.41	0.53	3.30	1.00	0.03	7.17	104.13	0.58	3.08	1.00	0.03
7.18	107.31	0.60	2.99	1.00	0.03	7.19	109.57	0.62	2.92	1.00	0.03
7.20	110.81	0.63	2.89	1.00	0.03	7.21	111.29	0.64	2.88	1.00	0.03
7.22	112.45	0.65	2.84	1.00	0.03	7.23	111.74	0.64	2.86	1.00	0.03
7.24	111.14	0.63	2.88	1.00	0.03	7.25	109.79	0.62	2.92	1.00	0.03
7.26	109.64	0.62	2.92	1.00	0.03	7.27	106.46	0.59	3.01	1.00	0.03
7.28	104.30	0.58	3.08	1.00	0.03	7.29	97.16	0.53	3.31	1.00	0.03
7.30	87.63	0.48	3.67	1.00	0.04	7.31	79.82	0.44	4.02	1.00	0.04
7.32	76.07	0.42	4.21	1.00	0.04	7.33	75.57	0.42	4.23	1.00	0.04
7.34	75.65	0.42	4.23	1.00	0.04	7.35	75.77	0.42	4.22	1.00	0.04
7.36	76.02	0.42	4.21	1.00	0.04	7.37	75.62	0.42	4.23	1.00	0.04
7.38	75.48	0.42	4.24	1.00	0.04	7.39	75.46	0.42	4.24	1.00	0.04
7.40	75.35	0.42	4.24	1.00	0.04	7.41	75.50	0.42	4.24	1.00	0.04
7.42	75.44	0.42	4.24	1.00	0.04	7.43	75.60	0.42	4.23	1.00	0.04
7.44	76.21	0.42	4.20	1.00	0.04	7.45	79.58	0.44	4.03	1.00	0.04
7.46	81.35	0.45	3.94	1.00	0.04	7.47	87.21	0.47	3.69	1.00	0.04
7.48	90.01	0.49	3.57	1.00	0.04	7.49	94.08	0.51	3.42	1.00	0.03
7.50	96.37	0.52	3.34	1.00	0.03	7.51	90.80	0.49	3.54	1.00	0.04
7.52	90.17	0.49	3.57	1.00	0.04	7.53	88.57	0.48	3.63	1.00	0.04
7.54	87.25	0.47	3.68	1.00	0.04	7.55	86.44	0.47	3.72	1.00	0.04
7.56	27.57	2.00	0.00	1.00	0.00	7.57	25.55	2.00	0.00	1.00	0.00
7.58	24.70	2.00	0.00	1.00	0.00	7.59	24.20	2.00	0.00	1.00	0.00
7.60	23.60	2.00	0.00	1.00	0.00	7.61	23.11	2.00	0.00	1.00	0.00
7.62	21.68	2.00	0.00	1.00	0.00	7.63	20.48	2.00	0.00	1.00	0.00
7.64	20.35	2.00	0.00	1.00	0.00	7.65	20.10	2.00	0.00	1.00	0.00
7.66	19.73	2.00	0.00	1.00	0.00	7.67	19.24	2.00	0.00	1.00	0.00
7.68	19.23	2.00	0.00	1.00	0.00	7.69	19.22	2.00	0.00	1.00	0.00
7.70	19.33	2.00	0.00	1.00	0.00	7.71	19.55	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	19.54	2.00	0.00	1.00	0.00	7.73	19.53	2.00	0.00	1.00	0.00
7.74	19.63	2.00	0.00	1.00	0.00	7.75	19.62	2.00	0.00	1.00	0.00
7.76	19.49	2.00	0.00	1.00	0.00	7.77	19.83	2.00	0.00	1.00	0.00
7.78	20.05	2.00	0.00	1.00	0.00	7.79	20.27	2.00	0.00	1.00	0.00
7.80	20.37	2.00	0.00	1.00	0.00	7.81	20.48	2.00	0.00	1.00	0.00
7.82	20.46	2.00	0.00	1.00	0.00	7.83	20.57	2.00	0.00	1.00	0.00
7.84	20.43	2.00	0.00	1.00	0.00	7.85	20.19	2.00	0.00	1.00	0.00
7.86	20.29	2.00	0.00	1.00	0.00	7.87	20.28	2.00	0.00	1.00	0.00
7.88	20.15	2.00	0.00	1.00	0.00	7.89	19.90	2.00	0.00	1.00	0.00
7.90	19.65	2.00	0.00	1.00	0.00	7.91	19.64	2.00	0.00	1.00	0.00
7.92	19.62	2.00	0.00	1.00	0.00	7.93	18.68	2.00	0.00	1.00	0.00
7.94	18.44	2.00	0.00	1.00	0.00	7.95	18.19	2.00	0.00	1.00	0.00
7.96	17.60	2.00	0.00	1.00	0.00	7.97	17.00	2.00	0.00	1.00	0.00
7.98	16.88	2.00	0.00	1.00	0.00	7.99	16.28	2.00	0.00	1.00	0.00
8.00	16.04	2.00	0.00	1.00	0.00	8.01	15.33	2.00	0.00	1.00	0.00
8.02	15.09	2.00	0.00	1.00	0.00	8.03	14.73	2.00	0.00	1.00	0.00
8.04	14.72	2.00	0.00	1.00	0.00	8.05	14.71	2.00	0.00	1.00	0.00
8.06	14.58	2.00	0.00	1.00	0.00	8.07	14.45	2.00	0.00	1.00	0.00
8.08	14.10	2.00	0.00	1.00	0.00	8.09	14.20	2.00	0.00	1.00	0.00
8.10	14.31	2.00	0.00	1.00	0.00	8.11	14.53	2.00	0.00	1.00	0.00
8.12	14.41	2.00	0.00	1.00	0.00	8.13	14.28	2.00	0.00	1.00	0.00
8.14	14.04	2.00	0.00	1.00	0.00	8.15	13.92	2.00	0.00	1.00	0.00
8.16	13.68	2.00	0.00	1.00	0.00	8.17	13.44	2.00	0.00	1.00	0.00
8.18	12.85	2.00	0.00	1.00	0.00	8.19	12.73	2.00	0.00	1.00	0.00
8.20	12.49	2.00	0.00	1.00	0.00	8.21	12.25	2.00	0.00	1.00	0.00
8.22	12.24	2.00	0.00	1.00	0.00	8.23	12.00	2.00	0.00	1.00	0.00
8.24	11.76	2.00	0.00	1.00	0.00	8.25	11.52	2.00	0.00	1.00	0.00
8.26	11.28	2.00	0.00	1.00	0.00	8.27	11.28	2.00	0.00	1.00	0.00
8.28	11.16	2.00	0.00	1.00	0.00	8.29	11.03	2.00	0.00	1.00	0.00
8.30	10.91	2.00	0.00	1.00	0.00	8.31	10.79	2.00	0.00	1.00	0.00
8.32	10.55	2.00	0.00	1.00	0.00	8.33	10.66	2.00	0.00	1.00	0.00
8.34	10.77	2.00	0.00	1.00	0.00	8.35	10.65	2.00	0.00	1.00	0.00
8.36	10.64	2.00	0.00	1.00	0.00	8.37	10.75	2.00	0.00	1.00	0.00
8.38	10.86	2.00	0.00	1.00	0.00	8.39	11.09	2.00	0.00	1.00	0.00
8.40	11.20	2.00	0.00	1.00	0.00	8.41	11.30	2.00	0.00	1.00	0.00
8.42	11.41	2.00	0.00	1.00	0.00	8.43	11.41	2.00	0.00	1.00	0.00
8.44	11.52	2.00	0.00	1.00	0.00	8.45	11.63	2.00	0.00	1.00	0.00
8.46	12.08	2.00	0.00	1.00	0.00	8.47	12.30	2.00	0.00	1.00	0.00
8.48	12.53	2.00	0.00	1.00	0.00	8.49	12.40	2.00	0.00	1.00	0.00
8.50	12.40	2.00	0.00	1.00	0.00	8.51	12.28	2.00	0.00	1.00	0.00
8.52	12.04	2.00	0.00	1.00	0.00	8.53	11.58	2.00	0.00	1.00	0.00
8.54	11.34	2.00	0.00	1.00	0.00	8.55	11.22	2.00	0.00	1.00	0.00
8.56	10.87	2.00	0.00	1.00	0.00	8.57	10.87	2.00	0.00	1.00	0.00
8.58	10.63	2.00	0.00	1.00	0.00	8.59	10.74	2.00	0.00	1.00	0.00
8.60	10.96	2.00	0.00	1.00	0.00	8.61	11.30	2.00	0.00	1.00	0.00
8.62	11.52	2.00	0.00	1.00	0.00	8.63	11.63	2.00	0.00	1.00	0.00
8.64	11.62	2.00	0.00	1.00	0.00	8.65	10.82	2.00	0.00	1.00	0.00
8.66	10.70	2.00	0.00	1.00	0.00	8.67	10.70	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	10.58	2.00	0.00	1.00	0.00	8.69	10.46	2.00	0.00	1.00	0.00
8.70	10.45	2.00	0.00	1.00	0.00	8.71	10.45	2.00	0.00	1.00	0.00
8.72	10.33	2.00	0.00	1.00	0.00	8.73	10.89	2.00	0.00	1.00	0.00
8.74	10.09	2.00	0.00	1.00	0.00	8.75	10.09	2.00	0.00	1.00	0.00
8.76	10.08	2.00	0.00	1.00	0.00	8.77	10.08	2.00	0.00	1.00	0.00
8.78	10.30	2.00	0.00	1.00	0.00	8.79	10.52	2.00	0.00	1.00	0.00
8.80	10.52	2.00	0.00	1.00	0.00	8.81	10.29	2.00	0.00	1.00	0.00
8.82	9.94	2.00	0.00	1.00	0.00	8.83	9.60	2.00	0.00	1.00	0.00
8.84	9.48	2.00	0.00	1.00	0.00	8.85	9.36	2.00	0.00	1.00	0.00
8.86	9.36	2.00	0.00	1.00	0.00	8.87	9.47	2.00	0.00	1.00	0.00
8.88	9.80	2.00	0.00	1.00	0.00	8.89	10.36	2.00	0.00	1.00	0.00
8.90	11.03	2.00	0.00	1.00	0.00	8.91	11.03	2.00	0.00	1.00	0.00
8.92	11.03	2.00	0.00	1.00	0.00	8.93	14.84	2.00	0.00	1.00	0.00
8.94	14.16	2.00	0.00	1.00	0.00	8.95	12.80	2.00	0.00	1.00	0.00
8.96	12.35	2.00	0.00	1.00	0.00	8.97	11.89	2.00	0.00	1.00	0.00
8.98	11.55	2.00	0.00	1.00	0.00	8.99	11.21	2.00	0.00	1.00	0.00
9.00	11.09	2.00	0.00	1.00	0.00	9.01	11.31	2.00	0.00	1.00	0.00
9.02	11.30	2.00	0.00	1.00	0.00	9.03	11.29	2.00	0.00	1.00	0.00
9.04	10.51	2.00	0.00	1.00	0.00	9.05	10.16	2.00	0.00	1.00	0.00
9.06	9.82	2.00	0.00	1.00	0.00	9.07	9.71	2.00	0.00	1.00	0.00
9.08	9.59	2.00	0.00	1.00	0.00	9.09	9.70	2.00	0.00	1.00	0.00
9.10	10.25	2.00	0.00	1.00	0.00	9.11	10.81	2.00	0.00	1.00	0.00
9.12	11.59	2.00	0.00	1.00	0.00	9.13	12.36	2.00	0.00	1.00	0.00
9.14	13.25	2.00	0.00	1.00	0.00	9.15	14.91	2.00	0.00	1.00	0.00
9.16	15.24	2.00	0.00	1.00	0.00	9.17	15.45	2.00	0.00	1.00	0.00
9.18	15.67	2.00	0.00	1.00	0.00	9.19	15.88	2.00	0.00	1.00	0.00
9.20	16.31	2.00	0.00	1.00	0.00	9.21	16.30	2.00	0.00	1.00	0.00
9.22	16.62	2.00	0.00	1.00	0.00	9.23	16.61	2.00	0.00	1.00	0.00
9.24	16.60	2.00	0.00	1.00	0.00	9.25	16.58	2.00	0.00	1.00	0.00
9.26	16.57	2.00	0.00	1.00	0.00	9.27	16.78	2.00	0.00	1.00	0.00
9.28	16.88	2.00	0.00	1.00	0.00	9.29	16.98	2.00	0.00	1.00	0.00
9.30	17.08	2.00	0.00	1.00	0.00	9.31	17.18	2.00	0.00	1.00	0.00
9.32	17.28	2.00	0.00	1.00	0.00	9.33	17.27	2.00	0.00	1.00	0.00
9.34	17.15	2.00	0.00	1.00	0.00	9.35	16.81	2.00	0.00	1.00	0.00
9.36	16.80	2.00	0.00	1.00	0.00	9.37	16.58	2.00	0.00	1.00	0.00
9.38	16.35	2.00	0.00	1.00	0.00	9.39	16.23	2.00	0.00	1.00	0.00
9.40	16.33	2.00	0.00	1.00	0.00	9.41	16.21	2.00	0.00	1.00	0.00
9.42	16.09	2.00	0.00	1.00	0.00	9.43	15.87	2.00	0.00	1.00	0.00
9.44	15.64	2.00	0.00	1.00	0.00	9.45	14.54	2.00	0.00	1.00	0.00
9.46	14.43	2.00	0.00	1.00	0.00	9.47	14.63	2.00	0.00	1.00	0.00
9.48	14.63	2.00	0.00	1.00	0.00	9.49	14.29	2.00	0.00	1.00	0.00
9.50	14.18	2.00	0.00	1.00	0.00	9.51	14.06	2.00	0.00	1.00	0.00
9.52	14.05	2.00	0.00	1.00	0.00	9.53	13.93	2.00	0.00	1.00	0.00
9.54	13.82	2.00	0.00	1.00	0.00	9.55	13.81	2.00	0.00	1.00	0.00
9.56	13.80	2.00	0.00	1.00	0.00	9.57	13.58	2.00	0.00	1.00	0.00
9.58	12.92	2.00	0.00	1.00	0.00	9.59	12.37	2.00	0.00	1.00	0.00
9.60	12.15	2.00	0.00	1.00	0.00	9.61	12.03	2.00	0.00	1.00	0.00
9.62	11.70	2.00	0.00	1.00	0.00	9.63	11.26	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	11.25	2.00	0.00	1.00	0.00	9.65	11.36	2.00	0.00	1.00	0.00
9.66	11.57	2.00	0.00	1.00	0.00	9.67	11.67	2.00	0.00	1.00	0.00
9.68	11.77	2.00	0.00	1.00	0.00	9.69	11.66	2.00	0.00	1.00	0.00
9.70	11.76	2.00	0.00	1.00	0.00	9.71	11.86	2.00	0.00	1.00	0.00
9.72	11.86	2.00	0.00	1.00	0.00	9.73	11.85	2.00	0.00	1.00	0.00
9.74	11.74	2.00	0.00	1.00	0.00	9.75	11.62	2.00	0.00	1.00	0.00
9.76	11.62	2.00	0.00	1.00	0.00	9.77	11.61	2.00	0.00	1.00	0.00
9.78	11.61	2.00	0.00	1.00	0.00	9.79	11.71	2.00	0.00	1.00	0.00
9.80	11.49	2.00	0.00	1.00	0.00	9.81	11.37	2.00	0.00	1.00	0.00
9.82	11.26	2.00	0.00	1.00	0.00	9.83	11.15	2.00	0.00	1.00	0.00
9.84	11.03	2.00	0.00	1.00	0.00	9.85	11.03	2.00	0.00	1.00	0.00
9.86	11.02	2.00	0.00	1.00	0.00	9.87	11.02	2.00	0.00	1.00	0.00
9.88	10.90	2.00	0.00	1.00	0.00	9.89	10.90	2.00	0.00	1.00	0.00
9.90	8.64	2.00	0.00	1.00	0.00	9.91	8.63	2.00	0.00	1.00	0.00
9.92	8.63	2.00	0.00	1.00	0.00	9.93	10.66	2.00	0.00	1.00	0.00
9.94	10.76	2.00	0.00	1.00	0.00	9.95	10.86	2.00	0.00	1.00	0.00
9.96	11.07	2.00	0.00	1.00	0.00	9.97	11.28	2.00	0.00	1.00	0.00
9.98	11.38	2.00	0.00	1.00	0.00	9.99	11.48	2.00	0.00	1.00	0.00
10.00	11.37	2.00	0.00	1.00	0.00	10.01	11.47	2.00	0.00	1.00	0.00
10.02	11.47	2.00	0.00	1.00	0.00	10.03	11.57	2.00	0.00	1.00	0.00
10.04	11.67	2.00	0.00	1.00	0.00	10.05	11.66	2.00	0.00	1.00	0.00
10.06	11.55	2.00	0.00	1.00	0.00	10.07	11.65	2.00	0.00	1.00	0.00
10.08	11.64	2.00	0.00	1.00	0.00	10.09	11.74	2.00	0.00	1.00	0.00
10.10	11.74	2.00	0.00	1.00	0.00	10.11	11.73	2.00	0.00	1.00	0.00
10.12	11.73	2.00	0.00	1.00	0.00	10.13	11.72	2.00	0.00	1.00	0.00
10.14	11.72	2.00	0.00	1.00	0.00	10.15	11.71	2.00	0.00	1.00	0.00
10.16	11.70	2.00	0.00	1.00	0.00	10.17	11.70	2.00	0.00	1.00	0.00
10.18	11.80	2.00	0.00	1.00	0.00	10.19	11.79	2.00	0.00	1.00	0.00
10.20	11.89	2.00	0.00	1.00	0.00	10.21	11.99	2.00	0.00	1.00	0.00
10.22	12.20	2.00	0.00	1.00	0.00	10.23	12.30	2.00	0.00	1.00	0.00
10.24	12.50	2.00	0.00	1.00	0.00	10.25	12.60	2.00	0.00	1.00	0.00
10.26	12.80	2.00	0.00	1.00	0.00	10.27	13.01	2.00	0.00	1.00	0.00
10.28	13.00	2.00	0.00	1.00	0.00	10.29	13.10	2.00	0.00	1.00	0.00
10.30	13.09	2.00	0.00	1.00	0.00	10.31	13.09	2.00	0.00	1.00	0.00
10.32	13.08	2.00	0.00	1.00	0.00	10.33	13.08	2.00	0.00	1.00	0.00
10.34	13.17	2.00	0.00	1.00	0.00	10.35	13.27	2.00	0.00	1.00	0.00
10.36	13.27	2.00	0.00	1.00	0.00	10.37	13.47	2.00	0.00	1.00	0.00
10.38	13.36	2.00	0.00	1.00	0.00	10.39	13.35	2.00	0.00	1.00	0.00
10.40	13.34	2.00	0.00	1.00	0.00	10.41	13.23	2.00	0.00	1.00	0.00
10.42	13.23	2.00	0.00	1.00	0.00	10.43	13.01	2.00	0.00	1.00	0.00
10.44	12.90	2.00	0.00	1.00	0.00	10.45	12.79	2.00	0.00	1.00	0.00
10.46	12.58	2.00	0.00	1.00	0.00	10.47	12.47	2.00	0.00	1.00	0.00
10.48	12.56	2.00	0.00	1.00	0.00	10.49	12.66	2.00	0.00	1.00	0.00
10.50	12.66	2.00	0.00	1.00	0.00	10.51	12.44	2.00	0.00	1.00	0.00
10.52	12.23	2.00	0.00	1.00	0.00	10.53	12.12	2.00	0.00	1.00	0.00
10.54	12.01	2.00	0.00	1.00	0.00	10.55	11.90	2.00	0.00	1.00	0.00
10.56	12.00	2.00	0.00	1.00	0.00	10.57	11.99	2.00	0.00	1.00	0.00
10.58	11.88	2.00	0.00	1.00	0.00	10.59	11.77	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	11.77	2.00	0.00	1.00	0.00	10.61	11.66	2.00	0.00	1.00	0.00
10.62	11.55	2.00	0.00	1.00	0.00	10.63	11.54	2.00	0.00	1.00	0.00
10.64	11.54	2.00	0.00	1.00	0.00	10.65	11.53	2.00	0.00	1.00	0.00
10.66	11.52	2.00	0.00	1.00	0.00	10.67	11.52	2.00	0.00	1.00	0.00
10.68	11.51	2.00	0.00	1.00	0.00	10.69	11.61	2.00	0.00	1.00	0.00
10.70	11.81	2.00	0.00	1.00	0.00	10.71	12.01	2.00	0.00	1.00	0.00
10.72	12.01	2.00	0.00	1.00	0.00	10.73	12.10	2.00	0.00	1.00	0.00
10.74	12.41	2.00	0.00	1.00	0.00	10.75	12.40	2.00	0.00	1.00	0.00
10.76	12.50	2.00	0.00	1.00	0.00	10.77	12.49	2.00	0.00	1.00	0.00
10.78	12.69	2.00	0.00	1.00	0.00	10.79	12.89	2.00	0.00	1.00	0.00
10.80	12.78	2.00	0.00	1.00	0.00	10.81	12.78	2.00	0.00	1.00	0.00
10.82	12.77	2.00	0.00	1.00	0.00	10.83	12.66	2.00	0.00	1.00	0.00
10.84	12.45	2.00	0.00	1.00	0.00	10.85	12.34	2.00	0.00	1.00	0.00
10.86	12.34	2.00	0.00	1.00	0.00	10.87	12.23	2.00	0.00	1.00	0.00
10.88	12.02	2.00	0.00	1.00	0.00	10.89	11.81	2.00	0.00	1.00	0.00
10.90	9.55	2.00	0.00	1.00	0.00	10.91	9.55	2.00	0.00	1.00	0.00
10.92	9.54	2.00	0.00	1.00	0.00	10.93	11.17	2.00	0.00	1.00	0.00
10.94	10.96	2.00	0.00	1.00	0.00	10.95	10.75	2.00	0.00	1.00	0.00
10.96	10.54	2.00	0.00	1.00	0.00	10.97	10.33	2.00	0.00	1.00	0.00
10.98	10.23	2.00	0.00	1.00	0.00	10.99	10.12	2.00	0.00	1.00	0.00
11.00	10.01	2.00	0.00	1.00	0.00	11.01	9.81	2.00	0.00	1.00	0.00
11.02	9.70	2.00	0.00	1.00	0.00	11.03	9.49	2.00	0.00	1.00	0.00
11.04	9.49	2.00	0.00	1.00	0.00	11.05	9.48	2.00	0.00	1.00	0.00
11.06	9.48	2.00	0.00	1.00	0.00	11.07	9.47	2.00	0.00	1.00	0.00
11.08	9.57	2.00	0.00	1.00	0.00	11.09	9.57	2.00	0.00	1.00	0.00
11.10	9.66	2.00	0.00	1.00	0.00	11.11	9.86	2.00	0.00	1.00	0.00
11.12	10.47	2.00	0.00	1.00	0.00	11.13	10.87	2.00	0.00	1.00	0.00
11.14	11.27	2.00	0.00	1.00	0.00	11.15	11.77	2.00	0.00	1.00	0.00
11.16	12.27	2.00	0.00	1.00	0.00	11.17	12.98	2.00	0.00	1.00	0.00
11.18	13.48	2.00	0.00	1.00	0.00	11.19	13.98	2.00	0.00	1.00	0.00
11.20	14.47	2.00	0.00	1.00	0.00	11.21	14.67	2.00	0.00	1.00	0.00
11.22	14.77	2.00	0.00	1.00	0.00	11.23	14.96	2.00	0.00	1.00	0.00
11.24	15.16	2.00	0.00	1.00	0.00	11.25	15.35	2.00	0.00	1.00	0.00
11.26	15.44	2.00	0.00	1.00	0.00	11.27	15.24	2.00	0.00	1.00	0.00
11.28	14.52	2.00	0.00	1.00	0.00	11.29	14.11	2.00	0.00	1.00	0.00
11.30	13.71	2.00	0.00	1.00	0.00	11.31	13.30	2.00	0.00	1.00	0.00
11.32	12.59	2.00	0.00	1.00	0.00	11.33	12.28	2.00	0.00	1.00	0.00
11.34	11.67	2.00	0.00	1.00	0.00	11.35	11.36	2.00	0.00	1.00	0.00
11.36	11.16	2.00	0.00	1.00	0.00	11.37	10.85	2.00	0.00	1.00	0.00
11.38	10.55	2.00	0.00	1.00	0.00	11.39	10.34	2.00	0.00	1.00	0.00
11.40	10.03	2.00	0.00	1.00	0.00	11.41	9.83	2.00	0.00	1.00	0.00
11.42	9.82	2.00	0.00	1.00	0.00	11.43	9.72	2.00	0.00	1.00	0.00
11.44	9.62	2.00	0.00	1.00	0.00	11.45	9.51	2.00	0.00	1.00	0.00
11.46	9.41	2.00	0.00	1.00	0.00	11.47	9.30	2.00	0.00	1.00	0.00
11.48	9.20	2.00	0.00	1.00	0.00	11.49	9.19	2.00	0.00	1.00	0.00
11.50	9.19	2.00	0.00	1.00	0.00	11.51	9.19	2.00	0.00	1.00	0.00
11.52	9.38	2.00	0.00	1.00	0.00	11.53	9.48	2.00	0.00	1.00	0.00
11.54	9.57	2.00	0.00	1.00	0.00	11.55	9.77	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	10.06	2.00	0.00	1.00	0.00	11.57	11.06	2.00	0.00	1.00	0.00
11.58	11.85	2.00	0.00	1.00	0.00	11.59	12.44	2.00	0.00	1.00	0.00
11.60	13.43	2.00	0.00	1.00	0.00	11.61	13.82	2.00	0.00	1.00	0.00
11.62	13.62	2.00	0.00	1.00	0.00	11.63	13.02	2.00	0.00	1.00	0.00
11.64	11.62	2.00	0.00	1.00	0.00	11.65	11.02	2.00	0.00	1.00	0.00
11.66	10.52	2.00	0.00	1.00	0.00	11.67	10.02	2.00	0.00	1.00	0.00
11.68	10.02	2.00	0.00	1.00	0.00	11.69	10.21	2.00	0.00	1.00	0.00
11.70	10.50	2.00	0.00	1.00	0.00	11.71	10.80	2.00	0.00	1.00	0.00
11.72	11.49	2.00	0.00	1.00	0.00	11.73	11.88	2.00	0.00	1.00	0.00
11.74	12.27	2.00	0.00	1.00	0.00	11.75	13.75	2.00	0.00	1.00	0.00
11.76	14.73	2.00	0.00	1.00	0.00	11.77	15.32	2.00	0.00	1.00	0.00
11.78	14.32	2.00	0.00	1.00	0.00	11.79	13.53	2.00	0.00	1.00	0.00
11.80	12.93	2.00	0.00	1.00	0.00	11.81	12.73	2.00	0.00	1.00	0.00
11.82	12.92	2.00	0.00	1.00	0.00	11.83	13.11	2.00	0.00	1.00	0.00
11.84	13.11	2.00	0.00	1.00	0.00	11.85	12.61	2.00	0.00	1.00	0.00
11.86	12.11	2.00	0.00	1.00	0.00	11.87	11.71	2.00	0.00	1.00	0.00
11.88	11.41	2.00	0.00	1.00	0.00	11.89	11.11	2.00	0.00	1.00	0.00
11.90	10.22	2.00	0.00	1.00	0.00	11.91	10.22	2.00	0.00	1.00	0.00
11.92	10.21	2.00	0.00	1.00	0.00	11.93	12.67	2.00	0.00	1.00	0.00
11.94	12.37	2.00	0.00	1.00	0.00	11.95	12.16	2.00	0.00	1.00	0.00
11.96	11.77	2.00	0.00	1.00	0.00	11.97	11.27	2.00	0.00	1.00	0.00
11.98	11.17	2.00	0.00	1.00	0.00	11.99	10.67	2.00	0.00	1.00	0.00
12.00	10.28	2.00	0.00	1.00	0.00	12.01	10.37	2.00	0.00	1.00	0.00
12.02	10.37	2.00	0.00	1.00	0.00	12.03	10.36	2.00	0.00	1.00	0.00
12.04	10.46	2.00	0.00	1.00	0.00	12.05	10.45	2.00	0.00	1.00	0.00
12.06	10.55	2.00	0.00	1.00	0.00	12.07	10.64	2.00	0.00	1.00	0.00
12.08	10.74	2.00	0.00	1.00	0.00	12.09	10.83	2.00	0.00	1.00	0.00
12.10	11.02	2.00	0.00	1.00	0.00	12.11	11.21	2.00	0.00	1.00	0.00
12.12	11.30	2.00	0.00	1.00	0.00	12.13	11.30	2.00	0.00	1.00	0.00
12.14	11.39	2.00	0.00	1.00	0.00	12.15	11.58	2.00	0.00	1.00	0.00
12.16	11.77	2.00	0.00	1.00	0.00	12.17	11.77	2.00	0.00	1.00	0.00
12.18	11.86	2.00	0.00	1.00	0.00	12.19	11.96	2.00	0.00	1.00	0.00
12.20	12.05	2.00	0.00	1.00	0.00	12.21	12.14	2.00	0.00	1.00	0.00
12.22	12.04	2.00	0.00	1.00	0.00	12.23	12.13	2.00	0.00	1.00	0.00
12.24	12.32	2.00	0.00	1.00	0.00	12.25	12.31	2.00	0.00	1.00	0.00
12.26	12.41	2.00	0.00	1.00	0.00	12.27	12.50	2.00	0.00	1.00	0.00
12.28	12.30	2.00	0.00	1.00	0.00	12.29	12.10	2.00	0.00	1.00	0.00
12.30	12.09	2.00	0.00	1.00	0.00	12.31	12.19	2.00	0.00	1.00	0.00
12.32	12.18	2.00	0.00	1.00	0.00	12.33	12.08	2.00	0.00	1.00	0.00
12.34	11.69	2.00	0.00	1.00	0.00	12.35	11.58	2.00	0.00	1.00	0.00
12.36	11.48	2.00	0.00	1.00	0.00	12.37	11.38	2.00	0.00	1.00	0.00
12.38	11.18	2.00	0.00	1.00	0.00	12.39	11.18	2.00	0.00	1.00	0.00
12.40	10.98	2.00	0.00	1.00	0.00	12.41	10.69	2.00	0.00	1.00	0.00
12.42	10.49	2.00	0.00	1.00	0.00	12.43	10.20	2.00	0.00	1.00	0.00
12.44	9.81	2.00	0.00	1.00	0.00	12.45	9.42	2.00	0.00	1.00	0.00
12.46	9.22	2.00	0.00	1.00	0.00	12.47	8.93	2.00	0.00	1.00	0.00
12.48	8.92	2.00	0.00	1.00	0.00	12.49	8.63	2.00	0.00	1.00	0.00
12.50	8.44	2.00	0.00	1.00	0.00	12.51	8.24	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	8.24	2.00	0.00	1.00	0.00	12.53	8.04	2.00	0.00	1.00	0.00
12.54	7.94	2.00	0.00	1.00	0.00	12.55	8.04	2.00	0.00	1.00	0.00
12.56	8.03	2.00	0.00	1.00	0.00	12.57	8.32	2.00	0.00	1.00	0.00
12.58	8.41	2.00	0.00	1.00	0.00	12.59	8.50	2.00	0.00	1.00	0.00
12.60	8.88	2.00	0.00	1.00	0.00	12.61	9.07	2.00	0.00	1.00	0.00
12.62	9.16	2.00	0.00	1.00	0.00	12.63	9.25	2.00	0.00	1.00	0.00
12.64	9.35	2.00	0.00	1.00	0.00	12.65	9.54	2.00	0.00	1.00	0.00
12.66	9.82	2.00	0.00	1.00	0.00	12.67	10.10	2.00	0.00	1.00	0.00
12.68	10.67	2.00	0.00	1.00	0.00	12.69	10.86	2.00	0.00	1.00	0.00
12.70	11.14	2.00	0.00	1.00	0.00	12.71	12.00	2.00	0.00	1.00	0.00
12.72	12.18	2.00	0.00	1.00	0.00	12.73	12.27	2.00	0.00	1.00	0.00
12.74	12.27	2.00	0.00	1.00	0.00	12.75	12.27	2.00	0.00	1.00	0.00
12.76	12.26	2.00	0.00	1.00	0.00	12.77	12.16	2.00	0.00	1.00	0.00
12.78	12.25	2.00	0.00	1.00	0.00	12.79	12.25	2.00	0.00	1.00	0.00
12.80	12.43	2.00	0.00	1.00	0.00	12.81	12.52	2.00	0.00	1.00	0.00
12.82	12.61	2.00	0.00	1.00	0.00	12.83	12.80	2.00	0.00	1.00	0.00
12.84	12.89	2.00	0.00	1.00	0.00	12.85	12.88	2.00	0.00	1.00	0.00
12.86	12.97	2.00	0.00	1.00	0.00	12.87	13.06	2.00	0.00	1.00	0.00
12.88	13.25	2.00	0.00	1.00	0.00	12.89	13.72	2.00	0.00	1.00	0.00
12.90	14.00	2.00	0.00	1.00	0.00	12.91	13.99	2.00	0.00	1.00	0.00
12.92	13.99	2.00	0.00	1.00	0.00	12.93	14.74	2.00	0.00	1.00	0.00
12.94	15.11	2.00	0.00	1.00	0.00	12.95	15.29	2.00	0.00	1.00	0.00
12.96	15.48	2.00	0.00	1.00	0.00	12.97	15.76	2.00	0.00	1.00	0.00
12.98	15.94	2.00	0.00	1.00	0.00	12.99	15.93	2.00	0.00	1.00	0.00
13.00	16.02	2.00	0.00	1.00	0.00	13.01	16.20	2.00	0.00	1.00	0.00
13.02	16.20	2.00	0.00	1.00	0.00	13.03	16.10	2.00	0.00	1.00	0.00
13.04	16.18	2.00	0.00	1.00	0.00	13.05	16.27	2.00	0.00	1.00	0.00
13.06	16.17	2.00	0.00	1.00	0.00	13.07	16.26	2.00	0.00	1.00	0.00
13.08	16.44	2.00	0.00	1.00	0.00	13.09	16.53	2.00	0.00	1.00	0.00
13.10	16.61	2.00	0.00	1.00	0.00	13.11	16.70	2.00	0.00	1.00	0.00
13.12	16.79	2.00	0.00	1.00	0.00	13.13	16.78	2.00	0.00	1.00	0.00
13.14	16.78	2.00	0.00	1.00	0.00	13.15	16.77	2.00	0.00	1.00	0.00
13.16	16.86	2.00	0.00	1.00	0.00	13.17	17.13	2.00	0.00	1.00	0.00
13.18	17.12	2.00	0.00	1.00	0.00	13.19	17.12	2.00	0.00	1.00	0.00
13.20	17.30	2.00	0.00	1.00	0.00	13.21	17.38	2.00	0.00	1.00	0.00
13.22	17.56	2.00	0.00	1.00	0.00	13.23	17.74	2.00	0.00	1.00	0.00
13.24	17.92	2.00	0.00	1.00	0.00	13.25	17.92	2.00	0.00	1.00	0.00
13.26	17.91	2.00	0.00	1.00	0.00	13.27	18.09	2.00	0.00	1.00	0.00
13.28	18.27	2.00	0.00	1.00	0.00	13.29	18.36	2.00	0.00	1.00	0.00
13.30	18.72	2.00	0.00	1.00	0.00	13.31	18.90	2.00	0.00	1.00	0.00
13.32	18.99	2.00	0.00	1.00	0.00	13.33	18.98	2.00	0.00	1.00	0.00
13.34	18.88	2.00	0.00	1.00	0.00	13.35	18.78	2.00	0.00	1.00	0.00
13.36	18.77	2.00	0.00	1.00	0.00	13.37	18.48	2.00	0.00	1.00	0.00
13.38	18.19	2.00	0.00	1.00	0.00	13.39	18.28	2.00	0.00	1.00	0.00
13.40	18.46	2.00	0.00	1.00	0.00	13.41	18.26	2.00	0.00	1.00	0.00
13.42	17.98	2.00	0.00	1.00	0.00	13.43	17.78	2.00	0.00	1.00	0.00
13.44	17.77	2.00	0.00	1.00	0.00	13.45	18.14	2.00	0.00	1.00	0.00
13.46	18.23	2.00	0.00	1.00	0.00	13.47	17.57	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	17.47	2.00	0.00	1.00	0.00	13.49	17.37	2.00	0.00	1.00	0.00
13.50	17.36	2.00	0.00	1.00	0.00	13.51	17.44	2.00	0.00	1.00	0.00
13.52	17.34	2.00	0.00	1.00	0.00	13.53	17.06	2.00	0.00	1.00	0.00
13.54	16.86	2.00	0.00	1.00	0.00	13.55	16.67	2.00	0.00	1.00	0.00
13.56	16.39	2.00	0.00	1.00	0.00	13.57	16.10	2.00	0.00	1.00	0.00
13.58	15.91	2.00	0.00	1.00	0.00	13.59	15.63	2.00	0.00	1.00	0.00
13.60	15.25	2.00	0.00	1.00	0.00	13.61	14.87	2.00	0.00	1.00	0.00
13.62	14.50	2.00	0.00	1.00	0.00	13.63	14.49	2.00	0.00	1.00	0.00
13.64	14.02	2.00	0.00	1.00	0.00	13.65	13.56	2.00	0.00	1.00	0.00
13.66	13.37	2.00	0.00	1.00	0.00	13.67	13.27	2.00	0.00	1.00	0.00
13.68	12.80	2.00	0.00	1.00	0.00	13.69	12.71	2.00	0.00	1.00	0.00
13.70	12.70	2.00	0.00	1.00	0.00	13.71	12.69	2.00	0.00	1.00	0.00
13.72	12.78	2.00	0.00	1.00	0.00	13.73	12.78	2.00	0.00	1.00	0.00
13.74	12.68	2.00	0.00	1.00	0.00	13.75	12.67	2.00	0.00	1.00	0.00
13.76	12.67	2.00	0.00	1.00	0.00	13.77	13.03	2.00	0.00	1.00	0.00
13.78	13.12	2.00	0.00	1.00	0.00	13.79	13.29	2.00	0.00	1.00	0.00
13.80	13.56	2.00	0.00	1.00	0.00	13.81	13.47	2.00	0.00	1.00	0.00
13.82	13.55	2.00	0.00	1.00	0.00	13.83	13.73	2.00	0.00	1.00	0.00
13.84	13.91	2.00	0.00	1.00	0.00	13.85	14.09	2.00	0.00	1.00	0.00
13.86	14.17	2.00	0.00	1.00	0.00	13.87	14.53	2.00	0.00	1.00	0.00
13.88	14.89	2.00	0.00	1.00	0.00	13.89	15.07	2.00	0.00	1.00	0.00
13.90	15.34	2.00	0.00	1.00	0.00	13.91	15.33	2.00	0.00	1.00	0.00
13.92	15.33	2.00	0.00	1.00	0.00	13.93	15.41	2.00	0.00	1.00	0.00
13.94	16.23	2.00	0.00	1.00	0.00	13.95	16.31	2.00	0.00	1.00	0.00
13.96	16.12	2.00	0.00	1.00	0.00	13.97	16.12	2.00	0.00	1.00	0.00
13.98	16.11	2.00	0.00	1.00	0.00	13.99	15.92	2.00	0.00	1.00	0.00
14.00	16.01	2.00	0.00	1.00	0.00	14.01	16.19	2.00	0.00	1.00	0.00
14.02	16.09	2.00	0.00	1.00	0.00	14.03	15.99	2.00	0.00	1.00	0.00
14.04	15.98	2.00	0.00	1.00	0.00	14.05	16.07	2.00	0.00	1.00	0.00
14.06	16.06	2.00	0.00	1.00	0.00	14.07	16.15	2.00	0.00	1.00	0.00
14.08	16.14	2.00	0.00	1.00	0.00	14.09	15.77	2.00	0.00	1.00	0.00
14.10	15.49	2.00	0.00	1.00	0.00	14.11	15.39	2.00	0.00	1.00	0.00
14.12	15.30	2.00	0.00	1.00	0.00	14.13	15.11	2.00	0.00	1.00	0.00
14.14	14.92	2.00	0.00	1.00	0.00	14.15	14.55	2.00	0.00	1.00	0.00
14.16	14.46	2.00	0.00	1.00	0.00	14.17	14.27	2.00	0.00	1.00	0.00
14.18	13.81	2.00	0.00	1.00	0.00	14.19	13.81	2.00	0.00	1.00	0.00
14.20	13.71	2.00	0.00	1.00	0.00	14.21	13.70	2.00	0.00	1.00	0.00
14.22	13.61	2.00	0.00	1.00	0.00	14.23	13.60	2.00	0.00	1.00	0.00
14.24	13.60	2.00	0.00	1.00	0.00	14.25	13.77	2.00	0.00	1.00	0.00
14.26	13.86	2.00	0.00	1.00	0.00	14.27	13.85	2.00	0.00	1.00	0.00
14.28	14.21	2.00	0.00	1.00	0.00	14.29	14.56	2.00	0.00	1.00	0.00
14.30	14.83	2.00	0.00	1.00	0.00	14.31	14.91	2.00	0.00	1.00	0.00
14.32	15.09	2.00	0.00	1.00	0.00	14.33	15.08	2.00	0.00	1.00	0.00
14.34	15.35	2.00	0.00	1.00	0.00	14.35	15.25	2.00	0.00	1.00	0.00
14.36	15.24	2.00	0.00	1.00	0.00	14.37	15.15	2.00	0.00	1.00	0.00
14.38	15.05	2.00	0.00	1.00	0.00	14.39	15.05	2.00	0.00	1.00	0.00
14.40	14.95	2.00	0.00	1.00	0.00	14.41	14.94	2.00	0.00	1.00	0.00
14.42	14.94	2.00	0.00	1.00	0.00	14.43	14.93	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	14.84	2.00	0.00	1.00	0.00	14.45	14.92	2.00	0.00	1.00	0.00
14.46	15.00	2.00	0.00	1.00	0.00	14.47	15.09	2.00	0.00	1.00	0.00
14.48	15.26	2.00	0.00	1.00	0.00	14.49	15.44	2.00	0.00	1.00	0.00
14.50	15.88	2.00	0.00	1.00	0.00	14.51	15.87	2.00	0.00	1.00	0.00
14.52	15.78	2.00	0.00	1.00	0.00	14.53	15.41	2.00	0.00	1.00	0.00
14.54	15.32	2.00	0.00	1.00	0.00	14.55	15.22	2.00	0.00	1.00	0.00
14.56	15.30	2.00	0.00	1.00	0.00	14.57	15.30	2.00	0.00	1.00	0.00
14.58	15.29	2.00	0.00	1.00	0.00	14.59	15.38	2.00	0.00	1.00	0.00
14.60	15.37	2.00	0.00	1.00	0.00	14.61	15.36	2.00	0.00	1.00	0.00
14.62	15.18	2.00	0.00	1.00	0.00	14.63	14.99	2.00	0.00	1.00	0.00
14.64	14.90	2.00	0.00	1.00	0.00	14.65	14.80	2.00	0.00	1.00	0.00
14.66	14.62	2.00	0.00	1.00	0.00	14.67	14.44	2.00	0.00	1.00	0.00
14.68	14.16	2.00	0.00	1.00	0.00	14.69	14.07	2.00	0.00	1.00	0.00
14.70	13.98	2.00	0.00	1.00	0.00	14.71	13.97	2.00	0.00	1.00	0.00
14.72	14.14	2.00	0.00	1.00	0.00	14.73	14.31	2.00	0.00	1.00	0.00
14.74	14.31	2.00	0.00	1.00	0.00	14.75	14.21	2.00	0.00	1.00	0.00
14.76	14.30	2.00	0.00	1.00	0.00	14.77	14.29	2.00	0.00	1.00	0.00
14.78	14.11	2.00	0.00	1.00	0.00	14.79	14.02	2.00	0.00	1.00	0.00
14.80	14.01	2.00	0.00	1.00	0.00	14.81	13.92	2.00	0.00	1.00	0.00
14.82	13.91	2.00	0.00	1.00	0.00	14.83	13.82	2.00	0.00	1.00	0.00
14.84	13.72	2.00	0.00	1.00	0.00	14.85	13.63	2.00	0.00	1.00	0.00
14.86	13.54	2.00	0.00	1.00	0.00	14.87	13.36	2.00	0.00	1.00	0.00
14.88	13.09	2.00	0.00	1.00	0.00	14.89	12.99	2.00	0.00	1.00	0.00
14.90	12.99	2.00	0.00	1.00	0.00	14.91	12.98	2.00	0.00	1.00	0.00
14.92	12.98	2.00	0.00	1.00	0.00	14.93	12.97	2.00	0.00	1.00	0.00
14.94	13.06	2.00	0.00	1.00	0.00	14.95	12.97	2.00	0.00	1.00	0.00
14.96	12.96	2.00	0.00	1.00	0.00	14.97	12.96	2.00	0.00	1.00	0.00
14.98	13.04	2.00	0.00	1.00	0.00	14.99	13.03	2.00	0.00	1.00	0.00
15.00	13.12	2.00	0.00	1.00	0.00	15.01	13.20	2.00	0.00	1.00	0.00
15.02	13.37	2.00	0.00	1.00	0.00	15.03	14.07	2.00	0.00	1.00	0.00
15.04	14.06	2.00	0.00	1.00	0.00	15.05	13.80	2.00	0.00	1.00	0.00
15.06	13.79	2.00	0.00	1.00	0.00	15.07	14.14	2.00	0.00	1.00	0.00
15.08	14.13	2.00	0.00	1.00	0.00	15.09	14.13	2.00	0.00	1.00	0.00
15.10	14.21	2.00	0.00	1.00	0.00	15.11	14.64	2.00	0.00	1.00	0.00
15.12	15.07	2.00	0.00	1.00	0.00	15.13	15.95	2.00	0.00	1.00	0.00
15.14	15.68	2.00	0.00	1.00	0.00	15.15	16.72	2.00	0.00	1.00	0.00
15.16	16.81	2.00	0.00	1.00	0.00	15.17	16.80	2.00	0.00	1.00	0.00
15.18	16.97	2.00	0.00	1.00	0.00	15.19	17.40	2.00	0.00	1.00	0.00
15.20	17.48	2.00	0.00	1.00	0.00	15.21	17.48	2.00	0.00	1.00	0.00
15.22	17.73	2.00	0.00	1.00	0.00	15.23	17.73	2.00	0.00	1.00	0.00
15.24	17.72	2.00	0.00	1.00	0.00	15.25	17.63	2.00	0.00	1.00	0.00
15.26	17.54	2.00	0.00	1.00	0.00	15.27	17.27	2.00	0.00	1.00	0.00
15.28	17.35	2.00	0.00	1.00	0.00	15.29	17.69	2.00	0.00	1.00	0.00
15.30	17.95	2.00	0.00	1.00	0.00	15.31	18.11	2.00	0.00	1.00	0.00
15.32	18.02	2.00	0.00	1.00	0.00	15.33	17.75	2.00	0.00	1.00	0.00
15.34	17.31	2.00	0.00	1.00	0.00	15.35	17.04	2.00	0.00	1.00	0.00
15.36	16.86	2.00	0.00	1.00	0.00	15.37	16.41	2.00	0.00	1.00	0.00
15.38	16.15	2.00	0.00	1.00	0.00	15.39	15.97	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

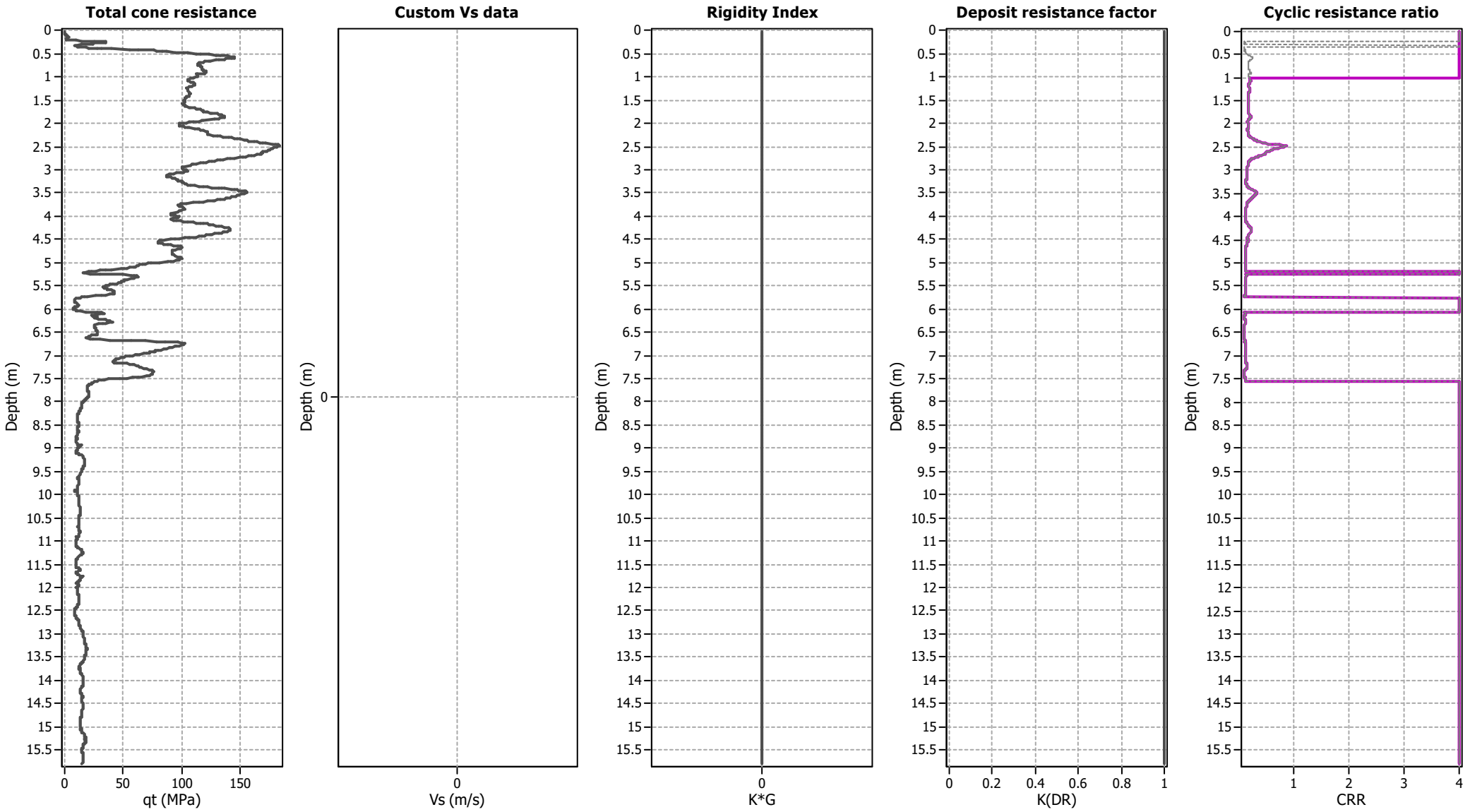
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	15.87	2.00	0.00	1.00	0.00	15.41	15.95	2.00	0.00	1.00	0.00
15.42	15.77	2.00	0.00	1.00	0.00	15.43	15.59	2.00	0.00	1.00	0.00
15.44	15.59	2.00	0.00	1.00	0.00	15.45	15.32	2.00	0.00	1.00	0.00
15.46	15.23	2.00	0.00	1.00	0.00	15.47	15.05	2.00	0.00	1.00	0.00
15.48	15.04	2.00	0.00	1.00	0.00	15.49	14.95	2.00	0.00	1.00	0.00
15.50	14.86	2.00	0.00	1.00	0.00	15.51	14.77	2.00	0.00	1.00	0.00
15.52	14.85	2.00	0.00	1.00	0.00	15.53	14.93	2.00	0.00	1.00	0.00
15.54	14.92	2.00	0.00	1.00	0.00	15.55	15.00	2.00	0.00	1.00	0.00
15.56	15.00	2.00	0.00	1.00	0.00	15.57	15.34	2.00	0.00	1.00	0.00
15.58	15.51	2.00	0.00	1.00	0.00	15.59	15.24	2.00	0.00	1.00	0.00
15.60	15.23	2.00	0.00	1.00	0.00	15.61	15.57	2.00	0.00	1.00	0.00
15.62	15.83	2.00	0.00	1.00	0.00	15.63	15.91	2.00	0.00	1.00	0.00
15.64	16.08	2.00	0.00	1.00	0.00	15.65	16.24	2.00	0.00	1.00	0.00
15.66	16.32	2.00	0.00	1.00	0.00	15.67	16.23	2.00	0.00	1.00	0.00
15.68	16.05	2.00	0.00	1.00	0.00	15.69	15.79	2.00	0.00	1.00	0.00
15.70	15.87	2.00	0.00	1.00	0.00	15.71	15.86	2.00	0.00	1.00	0.00
15.72	15.94	2.00	0.00	1.00	0.00	15.73	15.85	2.00	0.00	1.00	0.00
15.74	15.67	2.00	0.00	1.00	0.00	15.75	15.41	2.00	0.00	1.00	0.00
15.76	15.40	2.00	0.00	1.00	0.00	15.77	15.40	2.00	0.00	1.00	0.00
15.78	15.22	2.00	0.00	1.00	0.00	15.79	14.96	2.00	0.00	1.00	0.00
15.80	14.69	2.00	0.00	1.00	0.00						

Total estimated settlement: 14.68

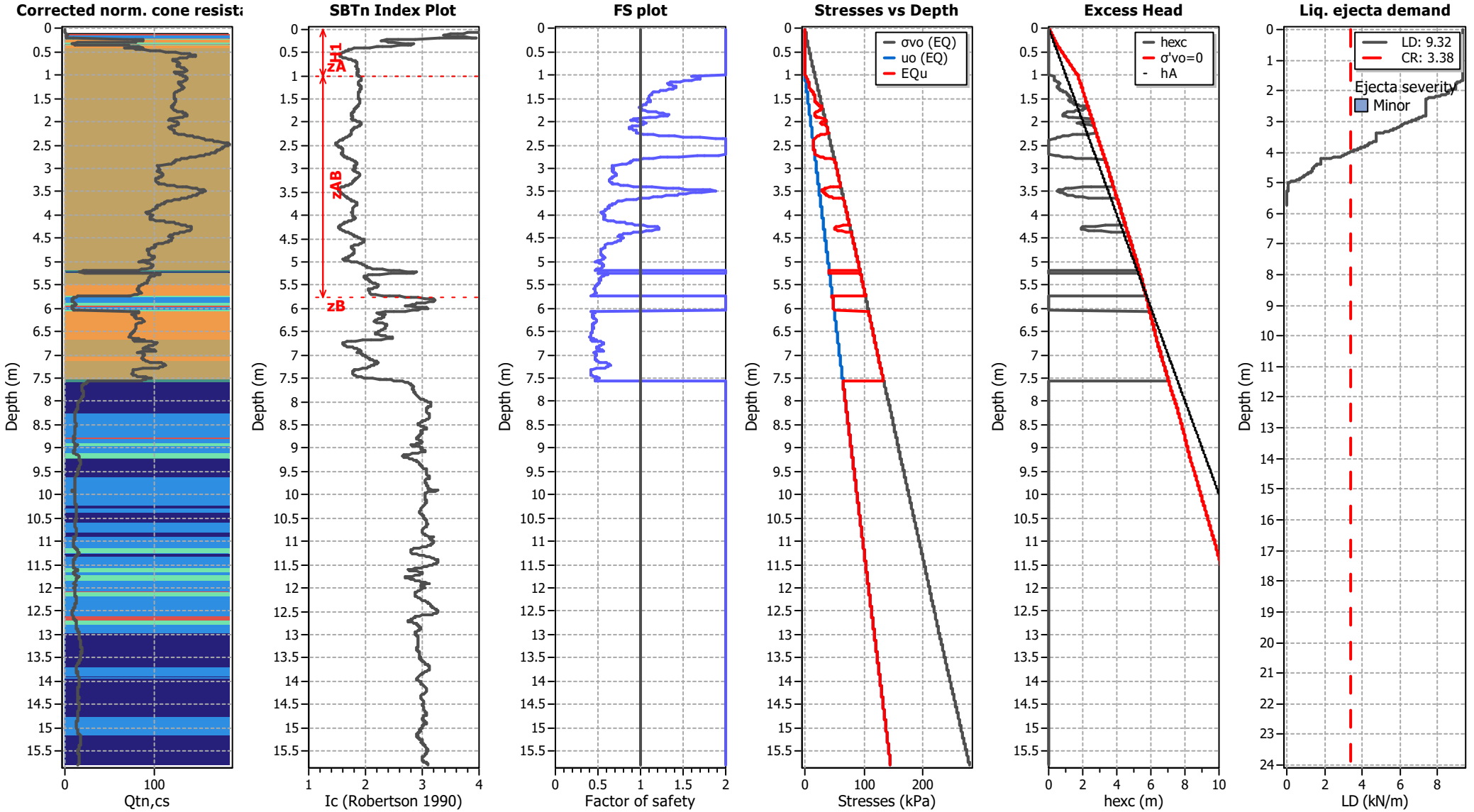
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



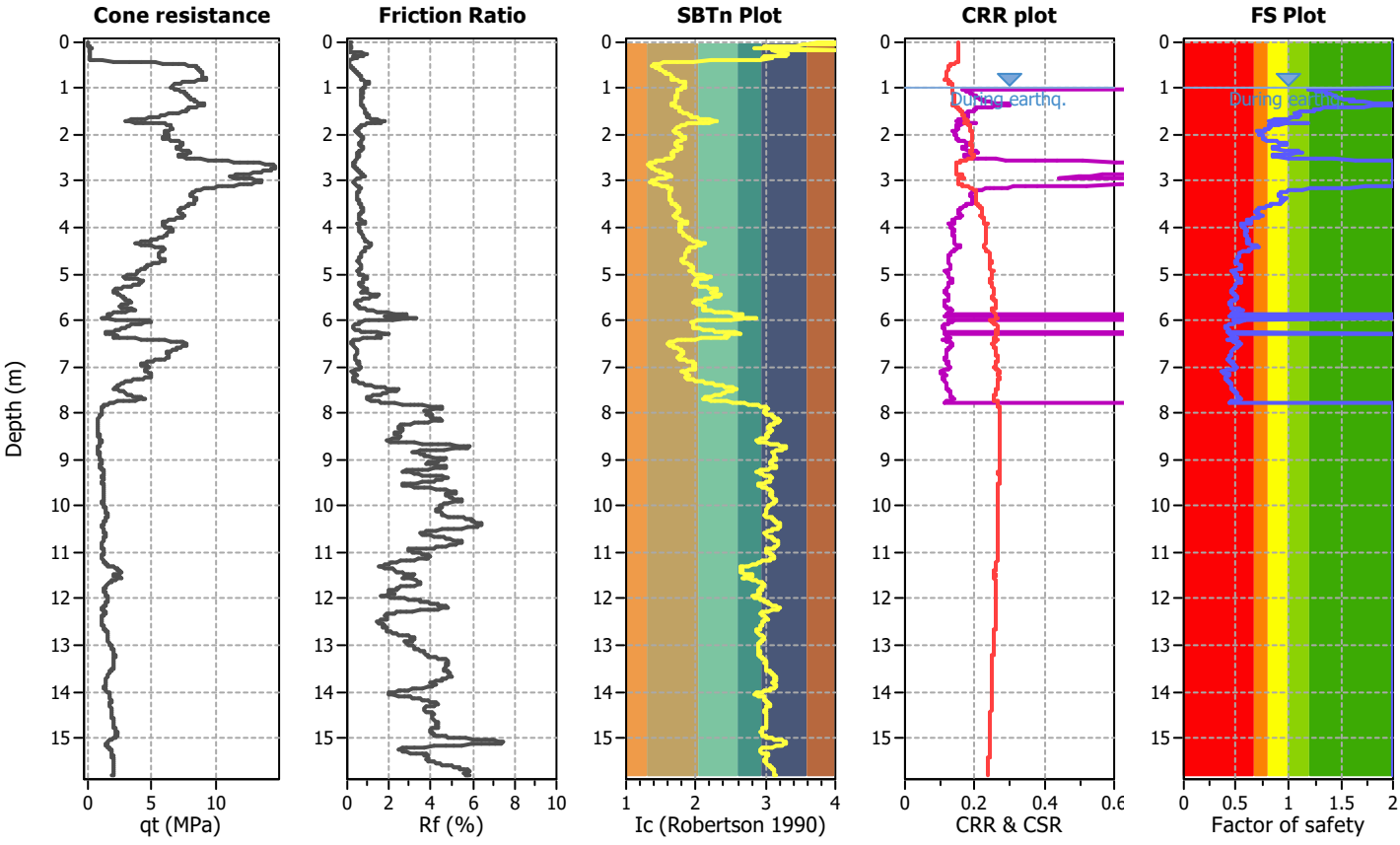
LIQUEFACTION ANALYSIS REPORT

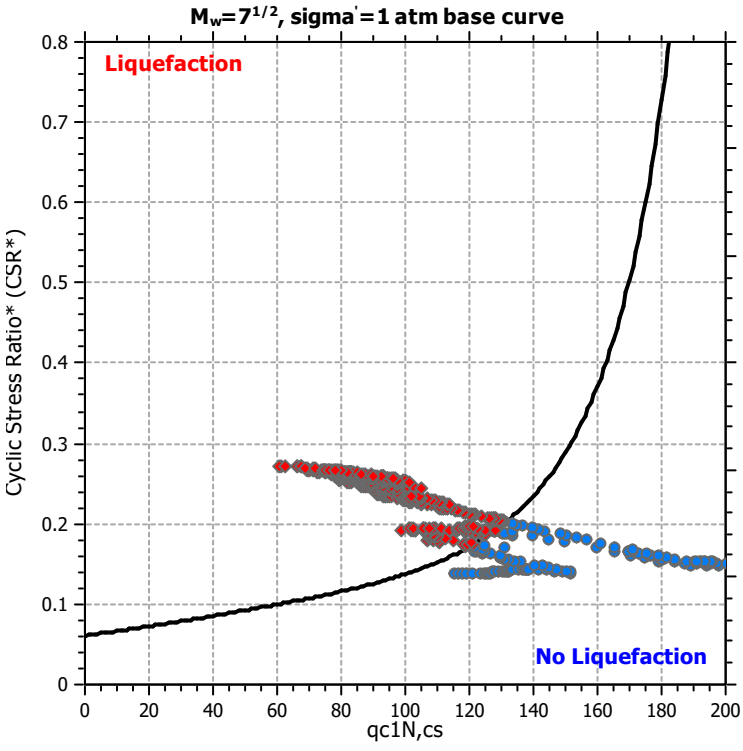
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

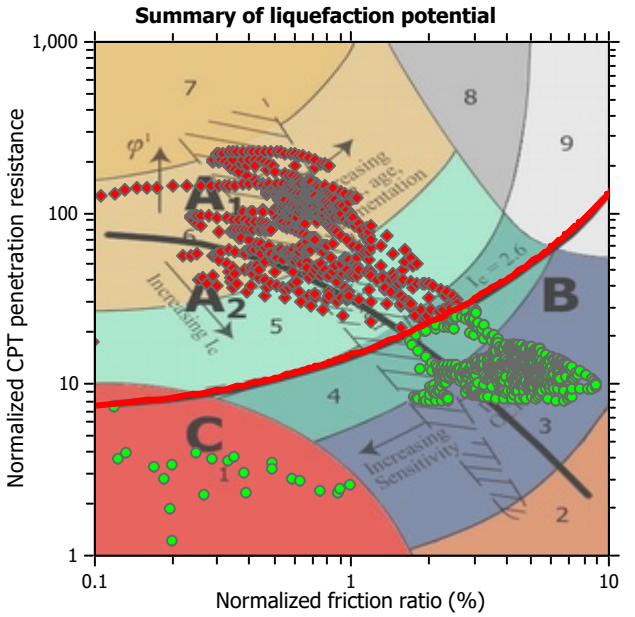
CPT file : 040008P997CPTU998

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

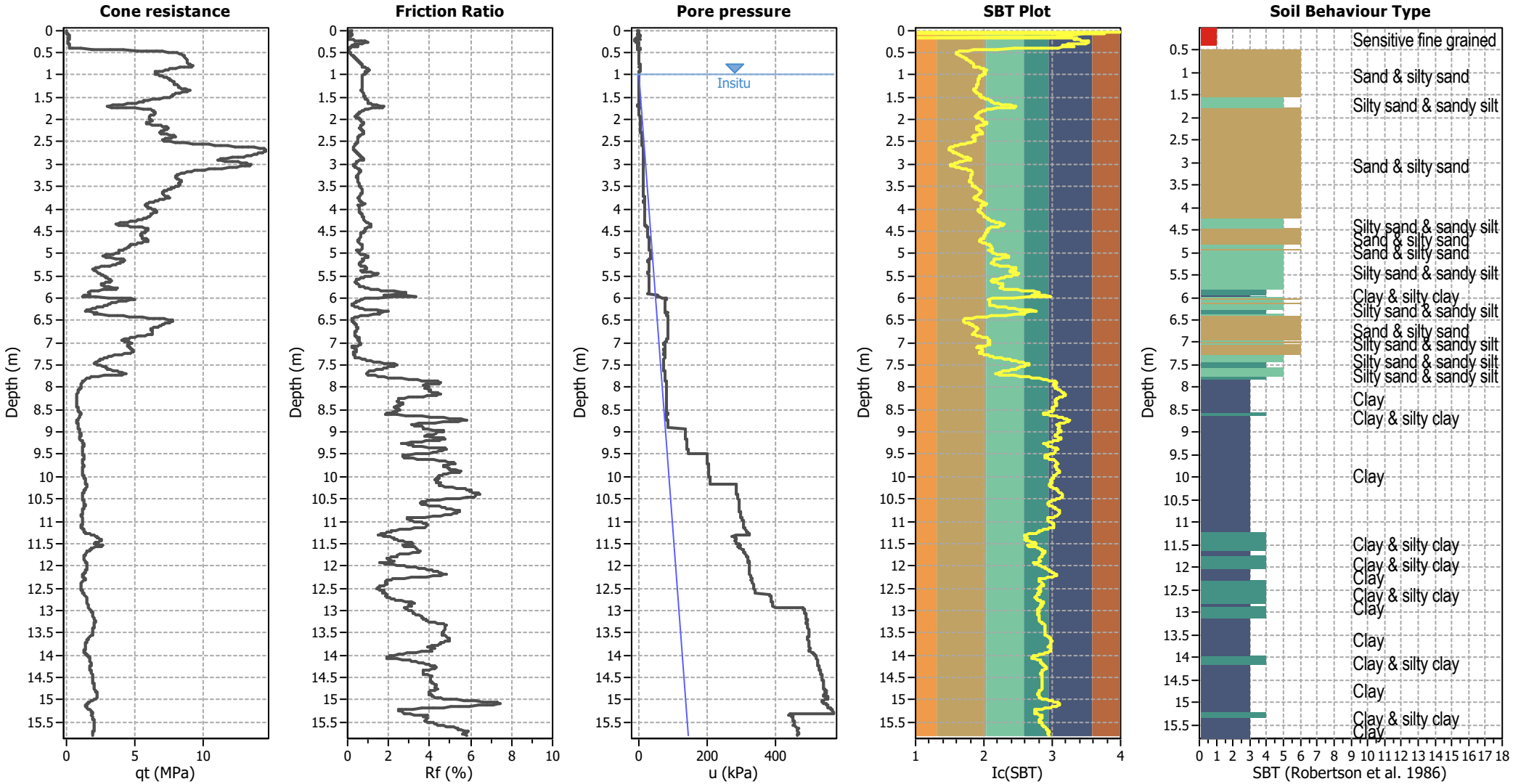






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



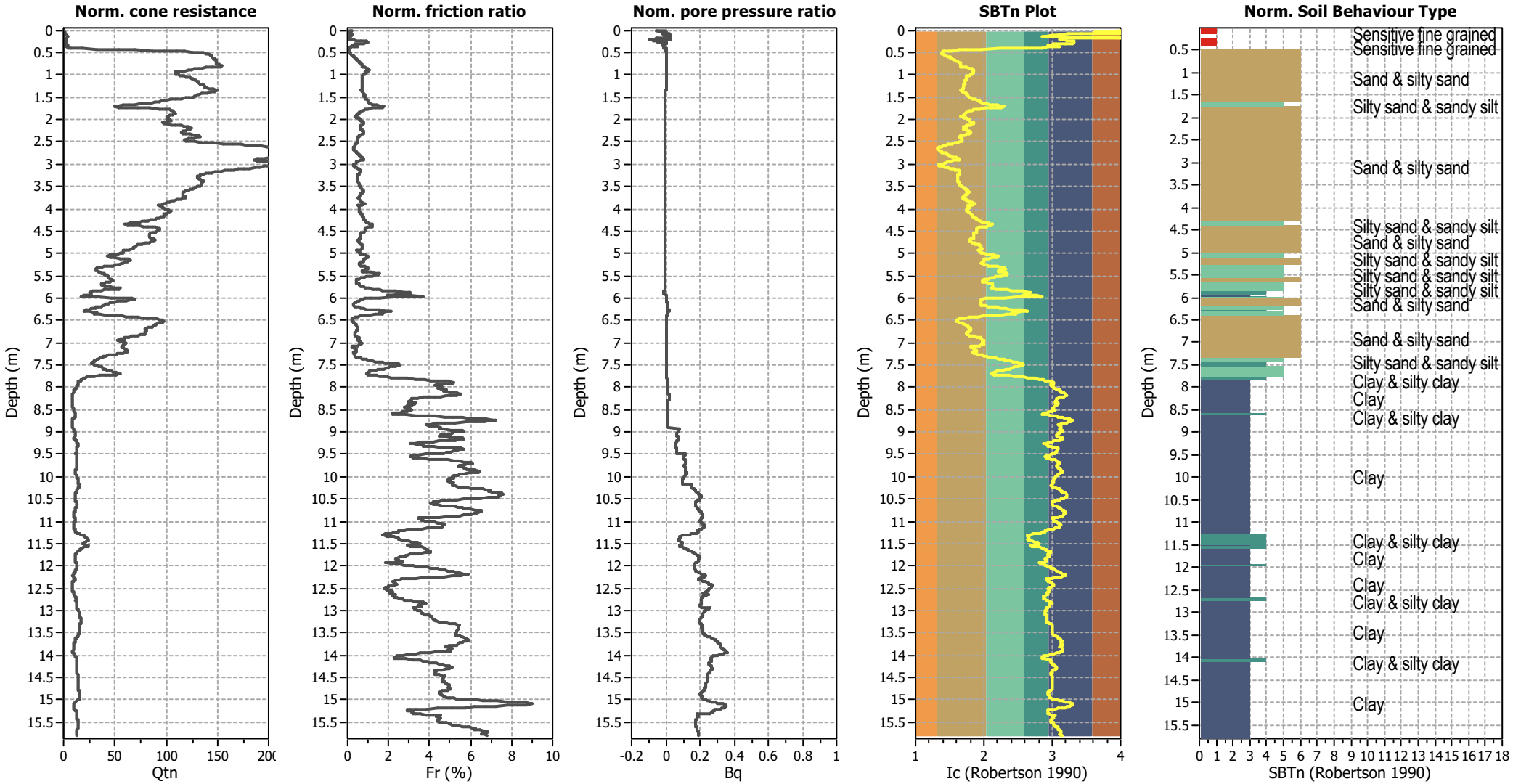
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



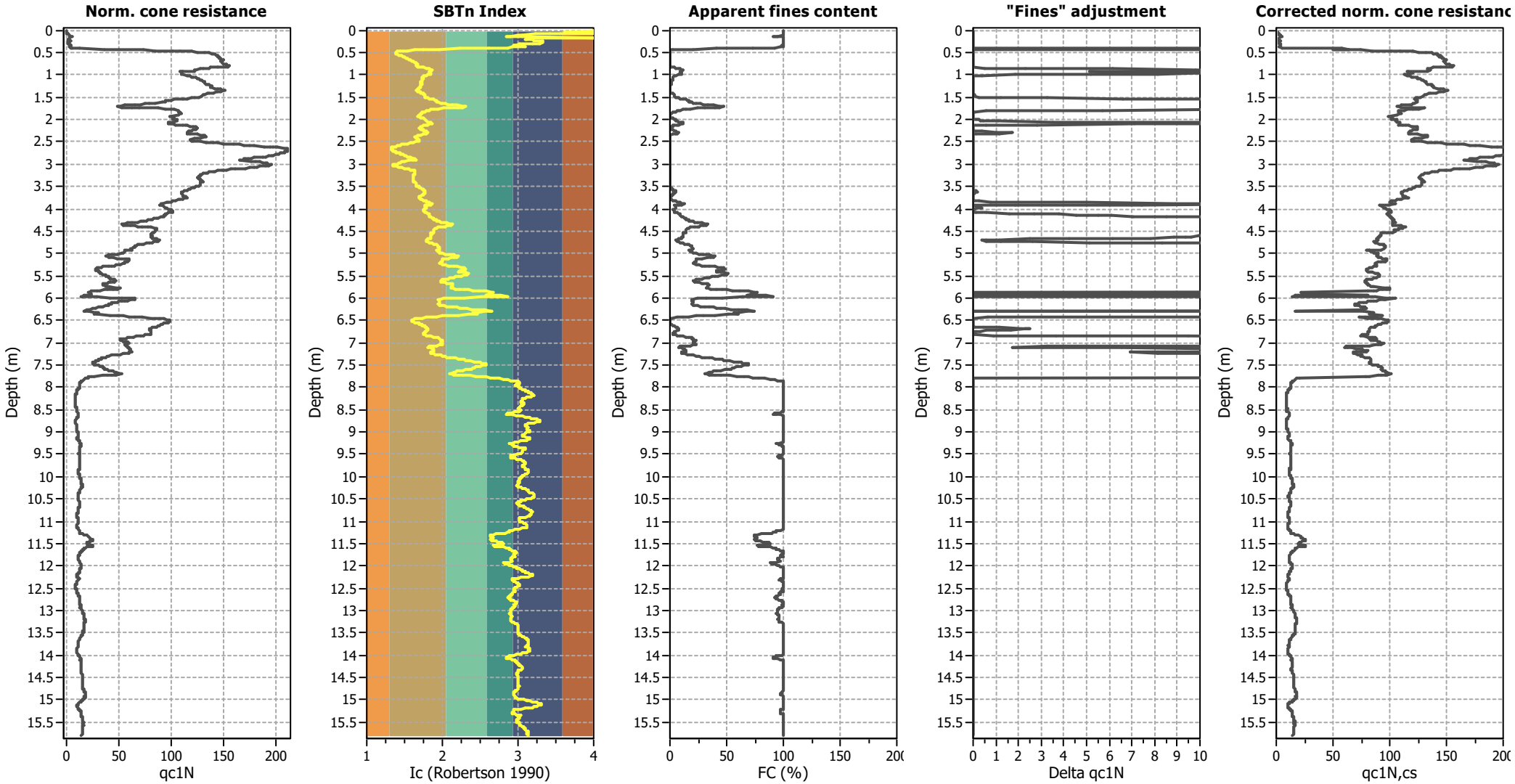
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

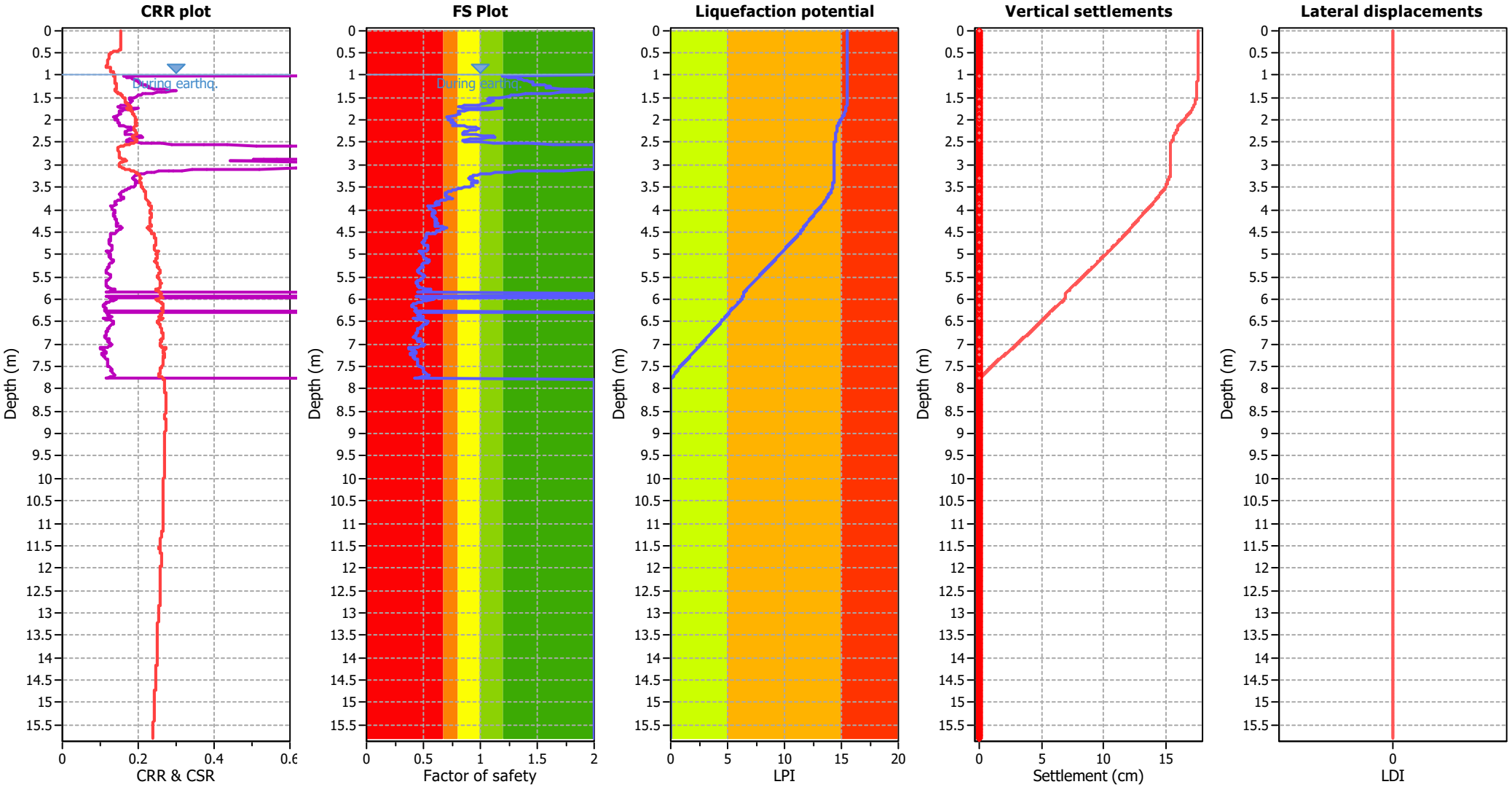
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

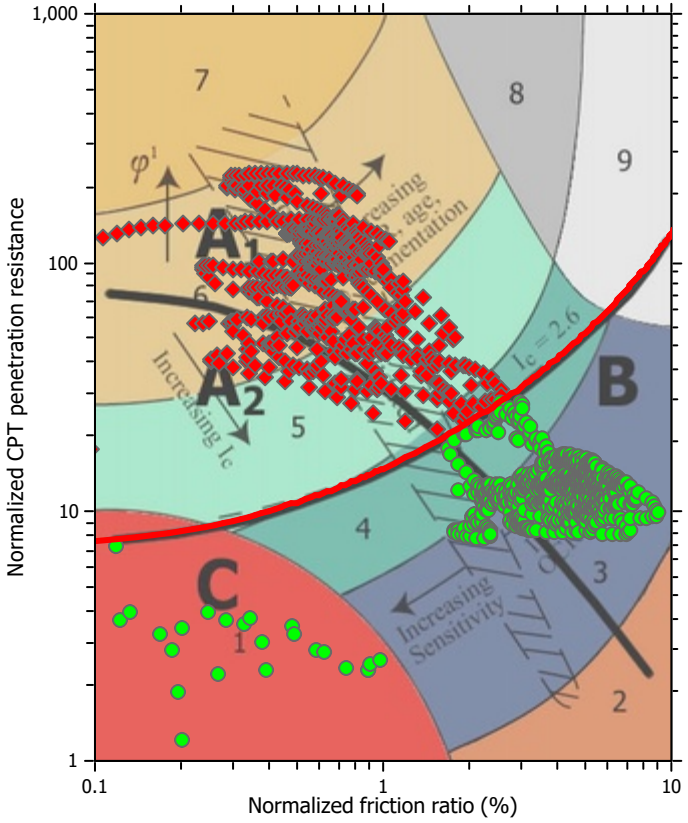
F.S. color scheme

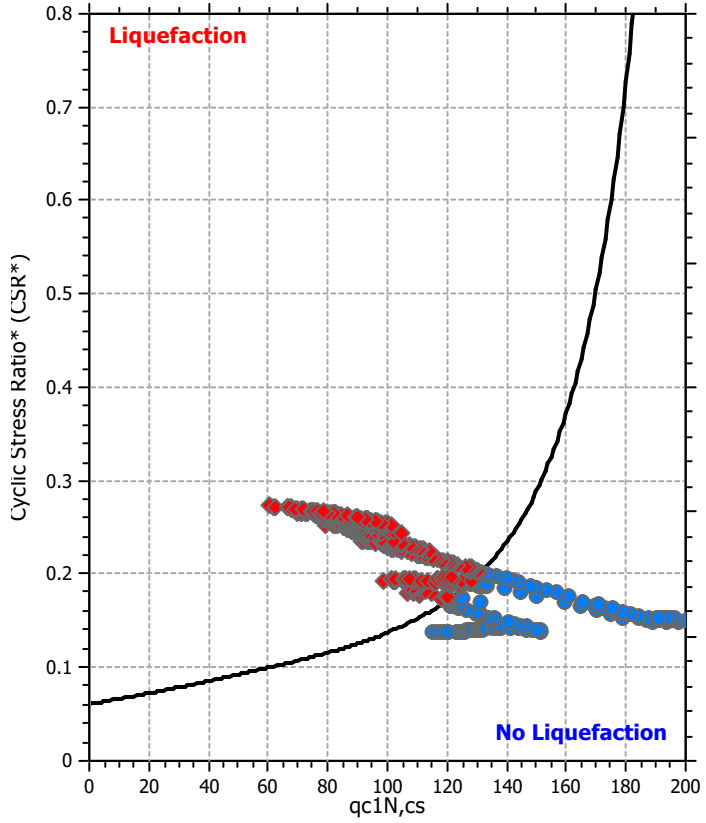
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

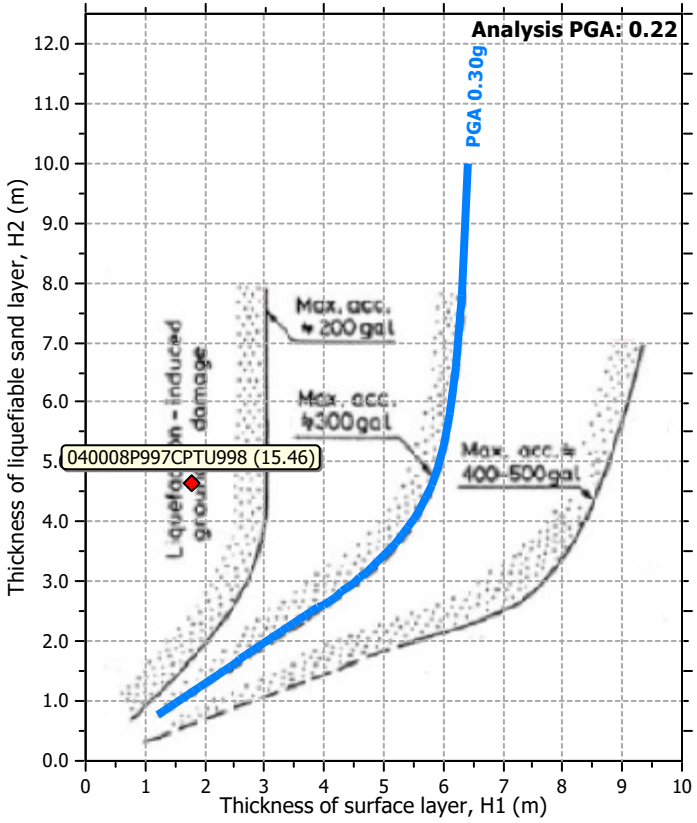
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



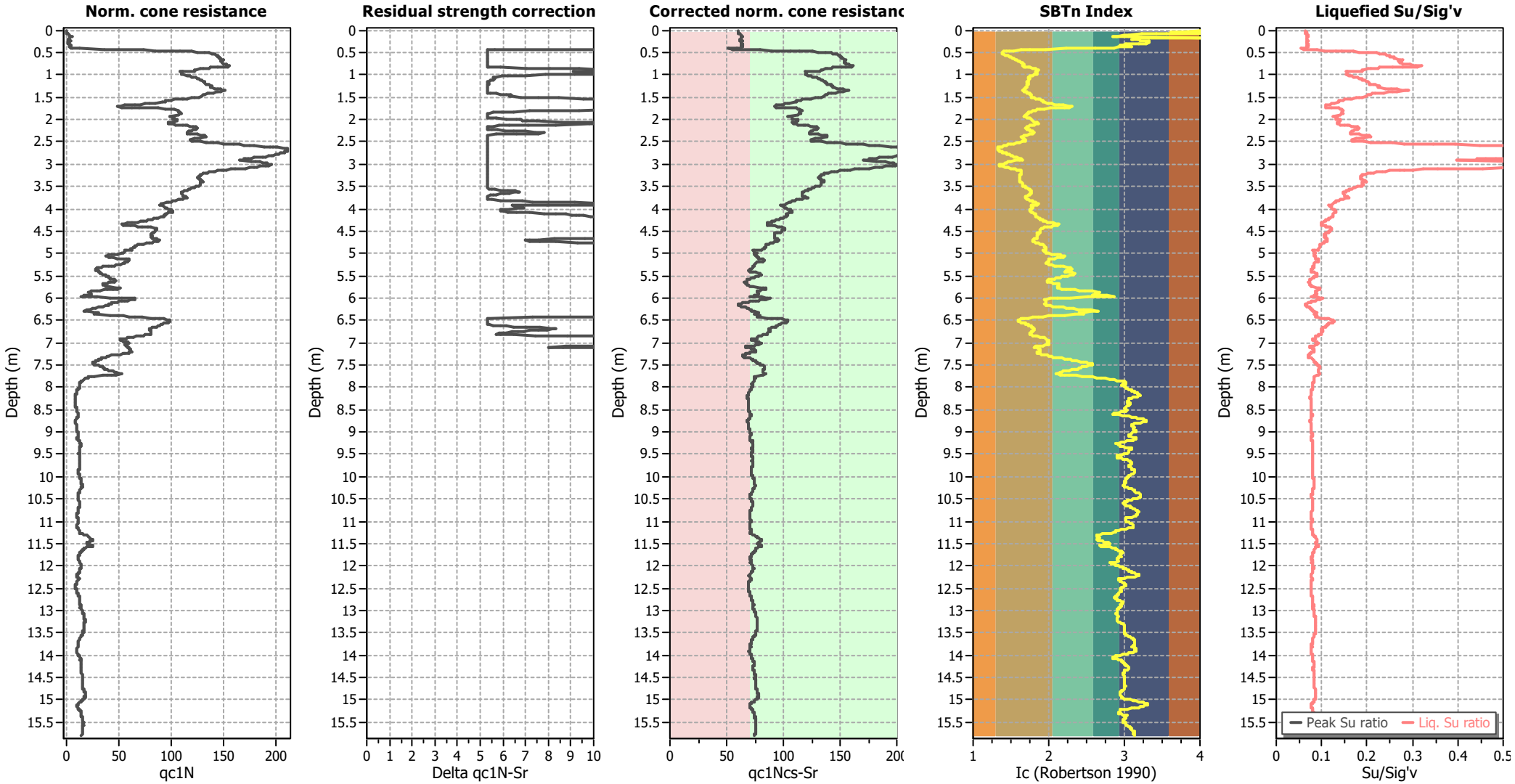




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.19	0.00	0.00	0.01	0.00	1.02	1.20	0.00	0.00	0.01	0.00
1.03	1.22	0.00	0.00	0.01	0.00	1.04	1.24	0.00	0.00	0.01	0.00
1.05	1.26	0.00	0.00	0.01	0.00	1.06	1.32	0.00	0.00	0.01	0.00
1.07	1.34	0.00	0.00	0.01	0.00	1.08	1.35	0.00	0.00	0.01	0.00
1.09	1.36	0.00	0.00	0.01	0.00	1.10	1.36	0.00	0.00	0.01	0.00
1.11	1.38	0.00	0.00	0.01	0.00	1.12	1.39	0.00	0.00	0.01	0.00
1.13	1.40	0.00	0.00	0.01	0.00	1.14	1.43	0.00	0.00	0.01	0.00
1.15	1.45	0.00	0.00	0.01	0.00	1.16	1.46	0.00	0.00	0.01	0.00
1.17	1.46	0.00	0.00	0.01	0.00	1.18	1.46	0.00	0.00	0.01	0.00
1.19	1.46	0.00	0.00	0.01	0.00	1.20	1.47	0.00	0.00	0.01	0.00
1.21	1.48	0.00	0.00	0.01	0.00	1.22	1.53	0.00	0.00	0.01	0.00
1.23	1.56	0.00	0.00	0.01	0.00	1.24	1.59	0.00	0.00	0.01	0.00
1.25	1.62	0.00	0.00	0.01	0.00	1.26	1.60	0.00	0.00	0.01	0.00
1.27	1.59	0.00	0.00	0.01	0.00	1.28	1.58	0.00	0.00	0.01	0.00
1.29	1.60	0.00	0.00	0.01	0.00	1.30	1.71	0.00	0.00	0.01	0.00
1.31	1.82	0.00	0.00	0.01	0.00	1.32	1.94	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	2.00	0.00	0.00	0.01	0.00
1.37	1.91	0.00	0.00	0.01	0.00	1.38	1.81	0.00	0.00	0.01	0.00
1.39	1.71	0.00	0.00	0.01	0.00	1.40	1.61	0.00	0.00	0.01	0.00
1.41	1.46	0.00	0.00	0.01	0.00	1.42	1.39	0.00	0.00	0.01	0.00
1.43	1.33	0.00	0.00	0.01	0.00	1.44	1.30	0.00	0.00	0.01	0.00
1.45	1.27	0.00	0.00	0.01	0.00	1.46	1.25	0.00	0.00	0.01	0.00
1.47	1.25	0.00	0.00	0.01	0.00	1.48	1.25	0.00	0.00	0.01	0.00
1.49	1.24	0.00	0.00	0.01	0.00	1.50	1.17	0.00	0.00	0.01	0.00
1.51	1.11	0.00	0.00	0.01	0.00	1.52	1.08	0.00	0.00	0.01	0.00
1.53	1.06	0.00	0.00	0.01	0.00	1.54	1.10	0.00	0.00	0.01	0.00
1.55	1.07	0.00	0.00	0.01	0.00	1.56	1.11	0.00	0.00	0.01	0.00
1.57	1.10	0.00	0.00	0.01	0.00	1.58	1.08	0.00	0.00	0.01	0.00
1.59	1.09	0.00	0.00	0.01	0.00	1.60	1.08	0.00	0.00	0.01	0.00
1.61	1.08	0.00	0.00	0.01	0.00	1.62	1.09	0.00	0.00	0.01	0.00
1.63	1.02	0.00	0.00	0.01	0.00	1.64	1.03	0.00	0.00	0.01	0.00
1.65	1.01	0.00	0.00	0.01	0.00	1.66	0.98	0.00	0.00	0.01	0.00
1.67	0.97	0.00	0.00	0.01	0.00	1.68	0.86	0.00	0.00	0.01	0.01
1.69	0.84	0.00	0.00	0.01	0.01	1.70	0.81	0.00	0.00	0.01	0.02
1.71	0.82	0.00	0.00	0.01	0.02	1.72	0.84	0.00	0.00	0.01	0.01
1.73	0.97	0.00	0.00	0.01	0.00	1.74	0.99	0.00	0.00	0.01	0.00
1.75	1.20	0.00	0.00	0.01	0.00	1.76	1.07	0.00	0.00	0.01	0.00
1.77	0.98	0.00	0.00	0.01	0.00	1.78	0.90	0.00	0.00	0.01	0.01
1.79	0.86	0.00	0.00	0.01	0.01	1.80	0.82	0.00	0.00	0.01	0.02
1.81	0.81	0.00	0.00	0.01	0.02	1.82	0.80	0.00	0.00	0.01	0.02
1.83	0.81	0.00	0.00	0.01	0.02	1.84	0.81	0.00	0.00	0.01	0.02
1.85	0.82	0.00	0.00	0.01	0.02	1.86	0.82	0.00	0.00	0.01	0.02
1.87	0.81	0.00	0.00	0.01	0.02	1.88	0.81	0.00	0.00	0.01	0.02
1.89	0.78	0.22	1.46	0.01	0.02	1.90	0.78	0.22	1.44	0.01	0.02
1.91	0.78	0.22	1.43	0.01	0.02	1.92	0.70	0.30	0.94	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.73	0.27	1.06	0.01	0.02	1.94	0.74	0.26	1.10	0.01	0.02
1.95	0.74	0.26	1.10	0.01	0.02	1.96	0.73	0.27	1.06	0.01	0.02
1.97	0.72	0.28	1.03	0.01	0.02	1.98	0.72	0.28	1.00	0.01	0.03
1.99	0.72	0.28	1.00	0.01	0.03	2.00	0.73	0.27	1.04	0.01	0.02
2.01	0.75	0.25	1.22	0.01	0.02	2.02	0.76	0.24	1.25	0.01	0.02
2.03	0.76	0.24	1.23	0.01	0.02	2.04	0.75	0.25	1.17	0.01	0.02
2.05	0.75	0.25	1.19	0.01	0.02	2.06	0.75	0.25	1.18	0.01	0.02
2.07	0.77	0.23	1.37	0.01	0.02	2.08	0.78	0.22	1.45	0.01	0.02
2.09	0.78	0.22	1.43	0.01	0.02	2.10	0.77	0.23	1.37	0.01	0.02
2.11	0.76	0.24	1.25	0.01	0.02	2.12	0.80	0.20	1.64	0.01	0.02
2.13	0.82	0.00	0.00	0.01	0.02	2.14	0.85	0.00	0.00	0.01	0.01
2.15	0.89	0.00	0.00	0.01	0.01	2.16	0.91	0.00	0.00	0.01	0.01
2.17	0.96	0.00	0.00	0.01	0.00	2.18	0.98	0.00	0.00	0.01	0.00
2.19	0.98	0.00	0.00	0.01	0.00	2.20	0.98	0.00	0.00	0.01	0.00
2.21	0.96	0.00	0.00	0.01	0.00	2.22	0.94	0.00	0.00	0.01	0.01
2.23	0.92	0.00	0.00	0.01	0.01	2.24	0.91	0.00	0.00	0.01	0.01
2.25	0.89	0.00	0.00	0.01	0.01	2.26	0.87	0.00	0.00	0.01	0.01
2.27	0.86	0.00	0.00	0.01	0.01	2.28	0.84	0.00	0.00	0.01	0.01
2.29	0.84	0.00	0.00	0.01	0.01	2.30	0.84	0.00	0.00	0.01	0.01
2.31	0.85	0.00	0.00	0.01	0.01	2.32	0.86	0.00	0.00	0.01	0.01
2.33	0.96	0.00	0.00	0.01	0.00	2.34	1.02	0.00	0.00	0.01	0.00
2.35	1.07	0.00	0.00	0.01	0.00	2.36	1.10	0.00	0.00	0.01	0.00
2.37	1.11	0.00	0.00	0.01	0.00	2.38	1.13	0.00	0.00	0.01	0.00
2.39	1.12	0.00	0.00	0.01	0.00	2.40	1.08	0.00	0.00	0.01	0.00
2.41	1.01	0.00	0.00	0.01	0.00	2.42	0.96	0.00	0.00	0.01	0.00
2.43	0.91	0.00	0.00	0.01	0.01	2.44	0.86	0.00	0.00	0.01	0.01
2.45	0.85	0.00	0.00	0.01	0.01	2.46	0.85	0.00	0.00	0.01	0.01
2.47	0.86	0.00	0.00	0.01	0.01	2.48	0.87	0.00	0.00	0.01	0.01
2.49	0.89	0.00	0.00	0.01	0.01	2.50	1.00	0.00	0.00	0.01	0.00
2.51	1.11	0.00	0.00	0.01	0.00	2.52	1.27	0.00	0.00	0.01	0.00
2.53	1.44	0.00	0.00	0.01	0.00	2.54	1.65	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	2.00	0.00	0.00	0.01	0.00
2.85	2.00	0.00	0.00	0.01	0.00	2.86	2.00	0.00	0.00	0.01	0.00
2.87	2.00	0.00	0.00	0.01	0.00	2.88	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	2.00	0.00	0.00	0.01	0.00	2.90	2.00	0.00	0.00	0.01	0.00
2.91	2.00	0.00	0.00	0.01	0.00	2.92	2.00	0.00	0.00	0.01	0.00
2.93	2.00	0.00	0.00	0.01	0.00	2.94	2.00	0.00	0.00	0.01	0.00
2.95	2.00	0.00	0.00	0.01	0.00	2.96	2.00	0.00	0.00	0.01	0.00
2.97	2.00	0.00	0.00	0.01	0.00	2.98	2.00	0.00	0.00	0.01	0.00
2.99	2.00	0.00	0.00	0.01	0.00	3.00	2.00	0.00	0.00	0.01	0.00
3.01	2.00	0.00	0.00	0.01	0.00	3.02	2.00	0.00	0.00	0.01	0.00
3.03	2.00	0.00	0.00	0.01	0.00	3.04	2.00	0.00	0.00	0.01	0.00
3.05	2.00	0.00	0.00	0.01	0.00	3.06	2.00	0.00	0.00	0.01	0.00
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	1.92	0.00	0.00	0.01	0.00	3.12	1.73	0.00	0.00	0.01	0.00
3.13	1.59	0.00	0.00	0.01	0.00	3.14	1.50	0.00	0.00	0.01	0.00
3.15	1.34	0.00	0.00	0.01	0.00	3.16	1.27	0.00	0.00	0.01	0.00
3.17	1.21	0.00	0.00	0.01	0.00	3.18	1.13	0.00	0.00	0.01	0.00
3.19	1.08	0.00	0.00	0.01	0.00	3.20	1.05	0.00	0.00	0.01	0.00
3.21	1.00	0.00	0.00	0.01	0.00	3.22	0.98	0.00	0.00	0.01	0.00
3.23	0.95	0.00	0.00	0.01	0.00	3.24	0.94	0.00	0.00	0.01	0.01
3.25	0.93	0.00	0.00	0.01	0.01	3.26	0.93	0.00	0.00	0.01	0.01
3.27	0.92	0.00	0.00	0.01	0.01	3.28	0.91	0.00	0.00	0.01	0.01
3.29	0.91	0.00	0.00	0.01	0.01	3.30	0.90	0.00	0.00	0.01	0.01
3.31	0.90	0.00	0.00	0.01	0.01	3.32	0.92	0.00	0.00	0.01	0.01
3.33	0.92	0.00	0.00	0.01	0.01	3.34	0.93	0.00	0.00	0.01	0.01
3.35	0.94	0.00	0.00	0.01	0.00	3.36	0.97	0.00	0.00	0.01	0.00
3.37	0.97	0.00	0.00	0.01	0.00	3.38	0.97	0.00	0.00	0.01	0.00
3.39	0.97	0.00	0.00	0.01	0.00	3.40	0.95	0.00	0.00	0.01	0.00
3.41	0.93	0.00	0.00	0.01	0.01	3.42	0.93	0.00	0.00	0.01	0.01
3.43	0.92	0.00	0.00	0.01	0.01	3.44	0.93	0.00	0.00	0.01	0.01
3.45	0.94	0.00	0.00	0.01	0.01	3.46	0.93	0.00	0.00	0.01	0.01
3.47	0.93	0.00	0.00	0.01	0.01	3.48	0.91	0.00	0.00	0.01	0.01
3.49	0.90	0.00	0.00	0.01	0.01	3.50	0.85	0.00	0.00	0.01	0.01
3.51	0.83	0.00	0.00	0.01	0.01	3.52	0.82	0.00	0.00	0.01	0.01
3.53	0.81	0.00	0.00	0.01	0.02	3.54	0.80	0.00	0.00	0.01	0.02
3.55	0.79	0.21	1.52	0.01	0.02	3.56	0.78	0.22	1.41	0.01	0.02
3.57	0.76	0.24	1.28	0.01	0.02	3.58	0.75	0.25	1.18	0.01	0.02
3.59	0.72	0.28	1.03	0.01	0.02	3.60	0.71	0.29	0.99	0.01	0.02
3.61	0.71	0.29	0.95	0.01	0.02	3.62	0.70	0.30	0.93	0.01	0.02
3.63	0.69	0.31	0.90	0.01	0.02	3.64	0.69	0.31	0.88	0.01	0.03
3.65	0.69	0.31	0.87	0.01	0.03	3.66	0.69	0.31	0.88	0.01	0.03
3.67	0.69	0.31	0.89	0.01	0.03	3.68	0.70	0.30	0.91	0.01	0.02
3.69	0.70	0.30	0.94	0.01	0.02	3.70	0.70	0.30	0.93	0.01	0.02
3.71	0.71	0.29	0.94	0.01	0.02	3.72	0.72	0.28	1.01	0.01	0.02
3.73	0.73	0.27	1.07	0.01	0.02	3.74	0.74	0.26	1.15	0.01	0.02
3.75	0.75	0.25	1.19	0.01	0.02	3.76	0.73	0.27	1.08	0.01	0.02
3.77	0.71	0.29	0.98	0.01	0.02	3.78	0.69	0.31	0.89	0.01	0.02
3.79	0.67	0.33	0.81	0.01	0.03	3.80	0.65	0.35	0.76	0.01	0.03
3.81	0.64	0.36	0.72	0.01	0.03	3.82	0.62	0.38	0.67	0.01	0.03
3.83	0.61	0.39	0.65	0.01	0.03	3.84	0.60	0.40	0.64	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.60	0.40	0.63	0.01	0.03	3.86	0.61	0.39	0.64	0.01	0.03
3.87	0.61	0.39	0.65	0.01	0.03	3.88	0.63	0.37	0.69	0.01	0.03
3.89	0.64	0.36	0.71	0.01	0.03	3.90	0.64	0.36	0.72	0.01	0.03
3.91	0.59	0.41	0.61	0.01	0.03	3.92	0.54	0.46	0.53	0.01	0.04
3.93	0.54	0.46	0.53	0.01	0.04	3.94	0.55	0.45	0.54	0.01	0.04
3.95	0.55	0.45	0.55	0.01	0.04	3.96	0.55	0.45	0.55	0.01	0.04
3.97	0.56	0.44	0.55	0.01	0.04	3.98	0.56	0.44	0.56	0.01	0.04
3.99	0.57	0.43	0.57	0.01	0.03	4.00	0.58	0.42	0.59	0.01	0.03
4.01	0.59	0.41	0.60	0.01	0.03	4.02	0.59	0.41	0.61	0.01	0.03
4.03	0.59	0.41	0.62	0.01	0.03	4.04	0.60	0.40	0.63	0.01	0.03
4.05	0.60	0.40	0.63	0.01	0.03	4.06	0.60	0.40	0.64	0.01	0.03
4.07	0.60	0.40	0.63	0.01	0.03	4.08	0.59	0.41	0.62	0.01	0.03
4.09	0.58	0.42	0.60	0.01	0.03	4.10	0.58	0.42	0.59	0.01	0.03
4.11	0.58	0.42	0.59	0.01	0.03	4.12	0.58	0.42	0.59	0.01	0.03
4.13	0.58	0.42	0.59	0.01	0.03	4.14	0.58	0.42	0.60	0.01	0.03
4.15	0.59	0.41	0.61	0.01	0.03	4.16	0.59	0.41	0.61	0.01	0.03
4.17	0.59	0.41	0.61	0.01	0.03	4.18	0.59	0.41	0.62	0.01	0.03
4.19	0.60	0.40	0.63	0.01	0.03	4.20	0.60	0.40	0.63	0.01	0.03
4.21	0.61	0.39	0.65	0.01	0.03	4.22	0.61	0.39	0.65	0.01	0.03
4.23	0.61	0.39	0.65	0.01	0.03	4.24	0.61	0.39	0.66	0.01	0.03
4.25	0.60	0.40	0.64	0.01	0.03	4.26	0.61	0.39	0.65	0.01	0.03
4.27	0.61	0.39	0.65	0.01	0.03	4.28	0.61	0.39	0.66	0.01	0.03
4.29	0.61	0.39	0.66	0.01	0.03	4.30	0.63	0.37	0.69	0.01	0.03
4.31	0.61	0.39	0.64	0.01	0.03	4.32	0.61	0.39	0.65	0.01	0.03
4.33	0.61	0.39	0.64	0.01	0.03	4.34	0.60	0.40	0.64	0.01	0.03
4.35	0.61	0.39	0.64	0.01	0.03	4.36	0.61	0.39	0.65	0.01	0.03
4.37	0.65	0.35	0.76	0.01	0.03	4.38	0.67	0.33	0.82	0.01	0.03
4.39	0.69	0.31	0.87	0.01	0.02	4.40	0.70	0.30	0.91	0.01	0.02
4.41	0.71	0.29	0.96	0.01	0.02	4.42	0.68	0.32	0.84	0.01	0.02
4.43	0.68	0.32	0.83	0.01	0.03	4.44	0.66	0.34	0.77	0.01	0.03
4.45	0.65	0.35	0.75	0.01	0.03	4.46	0.64	0.36	0.72	0.01	0.03
4.47	0.62	0.38	0.68	0.01	0.03	4.48	0.62	0.38	0.66	0.01	0.03
4.49	0.61	0.39	0.66	0.01	0.03	4.50	0.61	0.39	0.65	0.01	0.03
4.51	0.62	0.38	0.67	0.01	0.03	4.52	0.60	0.40	0.62	0.01	0.03
4.53	0.56	0.44	0.57	0.01	0.03	4.54	0.54	0.46	0.52	0.01	0.04
4.55	0.53	0.47	0.51	0.01	0.04	4.56	0.53	0.47	0.51	0.01	0.04
4.57	0.53	0.47	0.51	0.01	0.04	4.58	0.53	0.47	0.51	0.01	0.04
4.59	0.53	0.47	0.51	0.01	0.04	4.60	0.53	0.47	0.51	0.01	0.04
4.61	0.52	0.48	0.51	0.01	0.04	4.62	0.52	0.48	0.50	0.01	0.04
4.63	0.52	0.48	0.50	0.01	0.04	4.64	0.52	0.48	0.50	0.01	0.04
4.65	0.51	0.49	0.50	0.01	0.04	4.66	0.51	0.49	0.49	0.01	0.04
4.67	0.51	0.49	0.49	0.01	0.04	4.68	0.51	0.49	0.49	0.01	0.04
4.69	0.51	0.49	0.49	0.01	0.04	4.70	0.51	0.49	0.49	0.01	0.04
4.71	0.51	0.49	0.49	0.01	0.04	4.72	0.50	0.50	0.48	0.01	0.04
4.73	0.50	0.50	0.48	0.01	0.04	4.74	0.49	0.51	0.47	0.01	0.04
4.75	0.49	0.51	0.47	0.01	0.04	4.76	0.50	0.50	0.48	0.01	0.04
4.77	0.50	0.50	0.48	0.01	0.04	4.78	0.51	0.49	0.50	0.01	0.04
4.79	0.52	0.48	0.51	0.01	0.04	4.80	0.53	0.47	0.51	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.54	0.46	0.53	0.01	0.04	4.82	0.54	0.46	0.53	0.01	0.03
4.83	0.54	0.46	0.53	0.01	0.03	4.84	0.54	0.46	0.53	0.01	0.03
4.85	0.54	0.46	0.53	0.01	0.03	4.86	0.54	0.46	0.54	0.01	0.03
4.87	0.54	0.46	0.54	0.01	0.03	4.88	0.54	0.46	0.53	0.01	0.03
4.89	0.54	0.46	0.52	0.01	0.04	4.90	0.54	0.46	0.53	0.01	0.03
4.91	0.52	0.48	0.50	0.01	0.04	4.92	0.47	0.53	0.45	0.01	0.04
4.93	0.46	0.54	0.43	0.01	0.04	4.94	0.47	0.53	0.44	0.01	0.04
4.95	0.47	0.53	0.45	0.01	0.04	4.96	0.48	0.52	0.46	0.01	0.04
4.97	0.48	0.52	0.46	0.01	0.04	4.98	0.49	0.51	0.46	0.01	0.04
4.99	0.49	0.51	0.47	0.01	0.04	5.00	0.51	0.49	0.49	0.01	0.04
5.01	0.50	0.50	0.47	0.01	0.04	5.02	0.50	0.50	0.48	0.01	0.04
5.03	0.50	0.50	0.48	0.01	0.04	5.04	0.50	0.50	0.48	0.01	0.04
5.05	0.50	0.50	0.48	0.01	0.04	5.06	0.50	0.50	0.48	0.01	0.04
5.07	0.50	0.50	0.48	0.01	0.04	5.08	0.51	0.49	0.49	0.01	0.04
5.09	0.51	0.49	0.50	0.01	0.04	5.10	0.52	0.48	0.50	0.01	0.04
5.11	0.52	0.48	0.51	0.01	0.04	5.12	0.55	0.45	0.54	0.01	0.03
5.13	0.54	0.46	0.53	0.01	0.03	5.14	0.55	0.45	0.54	0.01	0.03
5.15	0.55	0.45	0.54	0.01	0.03	5.16	0.55	0.45	0.55	0.01	0.03
5.17	0.55	0.45	0.55	0.01	0.03	5.18	0.54	0.46	0.53	0.01	0.03
5.19	0.52	0.48	0.50	0.01	0.04	5.20	0.50	0.50	0.48	0.01	0.04
5.21	0.49	0.51	0.47	0.01	0.04	5.22	0.49	0.51	0.46	0.01	0.04
5.23	0.49	0.51	0.47	0.01	0.04	5.24	0.49	0.51	0.46	0.01	0.04
5.25	0.49	0.51	0.47	0.01	0.04	5.26	0.49	0.51	0.47	0.01	0.04
5.27	0.49	0.51	0.47	0.01	0.04	5.28	0.49	0.51	0.47	0.01	0.04
5.29	0.49	0.51	0.47	0.01	0.04	5.30	0.48	0.52	0.45	0.01	0.04
5.31	0.47	0.53	0.45	0.01	0.04	5.32	0.47	0.53	0.45	0.01	0.04
5.33	0.46	0.54	0.44	0.01	0.04	5.34	0.46	0.54	0.43	0.01	0.04
5.35	0.45	0.55	0.43	0.01	0.04	5.36	0.45	0.55	0.43	0.01	0.04
5.37	0.45	0.55	0.43	0.01	0.04	5.38	0.45	0.55	0.43	0.01	0.04
5.39	0.45	0.55	0.43	0.01	0.04	5.40	0.46	0.54	0.43	0.01	0.04
5.41	0.46	0.54	0.44	0.01	0.04	5.42	0.47	0.53	0.44	0.01	0.04
5.43	0.47	0.53	0.45	0.01	0.04	5.44	0.49	0.51	0.46	0.01	0.04
5.45	0.49	0.51	0.47	0.01	0.04	5.46	0.50	0.50	0.48	0.01	0.04
5.47	0.50	0.50	0.48	0.01	0.04	5.48	0.51	0.49	0.49	0.01	0.04
5.49	0.51	0.49	0.49	0.01	0.04	5.50	0.50	0.50	0.48	0.01	0.04
5.51	0.50	0.50	0.48	0.01	0.04	5.52	0.50	0.50	0.47	0.01	0.04
5.53	0.49	0.51	0.47	0.01	0.04	5.54	0.49	0.51	0.46	0.01	0.04
5.55	0.48	0.52	0.46	0.01	0.04	5.56	0.48	0.52	0.46	0.01	0.04
5.57	0.47	0.53	0.45	0.01	0.04	5.58	0.46	0.54	0.44	0.01	0.04
5.59	0.45	0.55	0.43	0.01	0.04	5.60	0.44	0.56	0.42	0.01	0.04
5.61	0.44	0.56	0.42	0.01	0.04	5.62	0.44	0.56	0.42	0.01	0.04
5.63	0.44	0.56	0.42	0.01	0.04	5.64	0.44	0.56	0.42	0.01	0.04
5.65	0.44	0.56	0.42	0.01	0.04	5.66	0.45	0.55	0.42	0.01	0.04
5.67	0.45	0.55	0.42	0.01	0.04	5.68	0.45	0.55	0.43	0.01	0.04
5.69	0.45	0.55	0.43	0.01	0.04	5.70	0.45	0.55	0.43	0.01	0.04
5.71	0.45	0.55	0.43	0.01	0.04	5.72	0.46	0.54	0.43	0.01	0.04
5.73	0.46	0.54	0.44	0.01	0.04	5.74	0.47	0.53	0.45	0.01	0.04
5.75	0.48	0.52	0.45	0.01	0.04	5.76	0.52	0.48	0.50	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.54	0.46	0.53	0.01	0.03	5.78	0.56	0.44	0.56	0.01	0.03
5.79	0.56	0.44	0.56	0.01	0.03	5.80	0.54	0.46	0.53	0.01	0.03
5.81	0.51	0.49	0.50	0.01	0.03	5.82	0.50	0.50	0.48	0.01	0.04
5.83	0.49	0.51	0.46	0.01	0.04	5.84	0.47	0.53	0.45	0.01	0.04
5.85	0.45	0.55	0.43	0.01	0.04	5.86	2.00	0.00	0.00	0.01	0.00
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	0.45	0.55	0.42	0.01	0.04
5.93	0.44	0.56	0.42	0.01	0.04	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	0.48	0.52	0.46	0.01	0.04
5.99	0.53	0.47	0.52	0.01	0.03	6.00	0.57	0.43	0.58	0.01	0.03
6.01	0.59	0.41	0.61	0.01	0.03	6.02	0.53	0.47	0.52	0.01	0.03
6.03	0.52	0.48	0.50	0.01	0.03	6.04	0.50	0.50	0.48	0.01	0.04
6.05	0.49	0.51	0.46	0.01	0.04	6.06	0.47	0.53	0.45	0.01	0.04
6.07	0.46	0.54	0.44	0.01	0.04	6.08	0.45	0.55	0.43	0.01	0.04
6.09	0.44	0.56	0.42	0.01	0.04	6.10	0.43	0.57	0.41	0.01	0.04
6.11	0.42	0.58	0.40	0.01	0.04	6.12	0.41	0.59	0.39	0.01	0.04
6.13	0.40	0.60	0.39	0.01	0.04	6.14	0.40	0.60	0.39	0.01	0.04
6.15	0.40	0.60	0.39	0.01	0.04	6.16	0.41	0.59	0.39	0.01	0.04
6.17	0.41	0.59	0.40	0.01	0.04	6.18	0.42	0.58	0.40	0.01	0.04
6.19	0.43	0.57	0.41	0.01	0.04	6.20	0.43	0.57	0.41	0.01	0.04
6.21	0.43	0.57	0.41	0.01	0.04	6.22	0.43	0.57	0.41	0.01	0.04
6.23	0.44	0.56	0.42	0.01	0.04	6.24	0.43	0.57	0.41	0.01	0.04
6.25	0.43	0.57	0.41	0.01	0.04	6.26	0.43	0.57	0.41	0.01	0.04
6.27	0.42	0.58	0.40	0.01	0.04	6.28	2.00	0.00	0.00	0.01	0.00
6.29	2.00	0.00	0.00	0.01	0.00	6.30	0.43	0.57	0.41	0.01	0.04
6.31	0.47	0.53	0.44	0.01	0.04	6.32	0.47	0.53	0.45	0.01	0.04
6.33	0.47	0.53	0.44	0.01	0.04	6.34	0.46	0.54	0.44	0.01	0.04
6.35	0.45	0.55	0.43	0.01	0.04	6.36	0.45	0.55	0.43	0.01	0.04
6.37	0.45	0.55	0.43	0.01	0.04	6.38	0.51	0.49	0.49	0.01	0.03
6.39	0.51	0.49	0.48	0.01	0.03	6.40	0.49	0.51	0.47	0.01	0.03
6.41	0.46	0.54	0.44	0.01	0.04	6.42	0.43	0.57	0.41	0.01	0.04
6.43	0.41	0.59	0.39	0.01	0.04	6.44	0.44	0.56	0.42	0.01	0.04
6.45	0.46	0.54	0.44	0.01	0.04	6.46	0.48	0.52	0.46	0.01	0.03
6.47	0.50	0.50	0.48	0.01	0.03	6.48	0.52	0.48	0.50	0.01	0.03
6.49	0.54	0.46	0.53	0.01	0.03	6.50	0.54	0.46	0.53	0.01	0.03
6.51	0.54	0.46	0.53	0.01	0.03	6.52	0.54	0.46	0.53	0.01	0.03
6.53	0.54	0.46	0.53	0.01	0.03	6.54	0.53	0.47	0.52	0.01	0.03
6.55	0.52	0.48	0.50	0.01	0.03	6.56	0.51	0.49	0.49	0.01	0.03
6.57	0.50	0.50	0.48	0.01	0.03	6.58	0.50	0.50	0.48	0.01	0.03
6.59	0.49	0.51	0.47	0.01	0.03	6.60	0.49	0.51	0.47	0.01	0.03
6.61	0.48	0.52	0.46	0.01	0.03	6.62	0.48	0.52	0.46	0.01	0.03
6.63	0.48	0.52	0.45	0.01	0.04	6.64	0.47	0.53	0.45	0.01	0.04
6.65	0.47	0.53	0.44	0.01	0.04	6.66	0.45	0.55	0.43	0.01	0.04
6.67	0.45	0.55	0.43	0.01	0.04	6.68	0.45	0.55	0.43	0.01	0.04
6.69	0.45	0.55	0.43	0.01	0.04	6.70	0.45	0.55	0.42	0.01	0.04
6.71	0.45	0.55	0.42	0.01	0.04	6.72	0.45	0.55	0.42	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.45	0.55	0.42	0.01	0.04	6.74	0.45	0.55	0.42	0.01	0.04
6.75	0.44	0.56	0.42	0.01	0.04	6.76	0.44	0.56	0.42	0.01	0.04
6.77	0.44	0.56	0.42	0.01	0.04	6.78	0.44	0.56	0.42	0.01	0.04
6.79	0.44	0.56	0.42	0.01	0.04	6.80	0.44	0.56	0.42	0.01	0.04
6.81	0.44	0.56	0.42	0.01	0.04	6.82	0.43	0.57	0.41	0.01	0.04
6.83	0.42	0.58	0.40	0.01	0.04	6.84	0.42	0.58	0.40	0.01	0.04
6.85	0.42	0.58	0.40	0.01	0.04	6.86	0.42	0.58	0.40	0.01	0.04
6.87	0.44	0.56	0.42	0.01	0.04	6.88	0.46	0.54	0.44	0.01	0.04
6.89	0.47	0.53	0.45	0.01	0.03	6.90	0.48	0.52	0.46	0.01	0.03
6.91	0.48	0.52	0.45	0.01	0.03	6.92	0.45	0.55	0.43	0.01	0.04
6.93	0.45	0.55	0.43	0.01	0.04	6.94	0.47	0.53	0.44	0.01	0.03
6.95	0.47	0.53	0.45	0.01	0.03	6.96	0.48	0.52	0.46	0.01	0.03
6.97	0.48	0.52	0.46	0.01	0.03	6.98	0.48	0.52	0.46	0.01	0.03
6.99	0.49	0.51	0.47	0.01	0.03	7.00	0.50	0.50	0.48	0.01	0.03
7.01	0.51	0.49	0.49	0.01	0.03	7.02	0.51	0.49	0.49	0.01	0.03
7.03	0.50	0.50	0.47	0.01	0.03	7.04	0.49	0.51	0.46	0.01	0.03
7.05	0.47	0.53	0.45	0.01	0.03	7.06	0.45	0.55	0.43	0.01	0.04
7.07	0.42	0.58	0.40	0.01	0.04	7.08	0.39	0.61	0.37	0.01	0.04
7.09	0.37	0.63	0.36	0.01	0.04	7.10	0.37	0.63	0.36	0.01	0.04
7.11	0.37	0.63	0.37	0.01	0.04	7.12	0.39	0.61	0.38	0.01	0.04
7.13	0.40	0.60	0.39	0.01	0.04	7.14	0.41	0.59	0.40	0.01	0.04
7.15	0.42	0.58	0.40	0.01	0.04	7.16	0.43	0.57	0.41	0.01	0.04
7.17	0.43	0.57	0.41	0.01	0.04	7.18	0.44	0.56	0.42	0.01	0.04
7.19	0.43	0.57	0.41	0.01	0.04	7.20	0.42	0.58	0.40	0.01	0.04
7.21	0.40	0.60	0.38	0.01	0.04	7.22	0.39	0.61	0.38	0.01	0.04
7.23	0.39	0.61	0.38	0.01	0.04	7.24	0.39	0.61	0.38	0.01	0.04
7.25	0.39	0.61	0.38	0.01	0.04	7.26	0.41	0.59	0.39	0.01	0.04
7.27	0.42	0.58	0.40	0.01	0.04	7.28	0.41	0.59	0.40	0.01	0.04
7.29	0.42	0.58	0.40	0.01	0.04	7.30	0.42	0.58	0.40	0.01	0.04
7.31	0.42	0.58	0.40	0.01	0.04	7.32	0.43	0.57	0.41	0.01	0.04
7.33	0.43	0.57	0.41	0.01	0.04	7.34	0.44	0.56	0.42	0.01	0.04
7.35	0.45	0.55	0.42	0.01	0.04	7.36	0.45	0.55	0.43	0.01	0.03
7.37	0.45	0.55	0.43	0.01	0.03	7.38	0.45	0.55	0.43	0.01	0.03
7.39	0.45	0.55	0.43	0.01	0.03	7.40	0.45	0.55	0.43	0.01	0.03
7.41	0.45	0.55	0.43	0.01	0.03	7.42	0.45	0.55	0.43	0.01	0.03
7.43	0.45	0.55	0.42	0.01	0.03	7.44	0.45	0.55	0.42	0.01	0.03
7.45	0.45	0.55	0.42	0.01	0.03	7.46	0.45	0.55	0.42	0.01	0.03
7.47	0.45	0.55	0.43	0.01	0.03	7.48	0.45	0.55	0.43	0.01	0.03
7.49	0.46	0.54	0.43	0.01	0.03	7.50	0.47	0.53	0.44	0.01	0.03
7.51	0.48	0.52	0.46	0.01	0.03	7.52	0.48	0.52	0.46	0.01	0.03
7.53	0.49	0.51	0.47	0.01	0.03	7.54	0.50	0.50	0.48	0.01	0.03
7.55	0.50	0.50	0.48	0.01	0.03	7.56	0.50	0.50	0.48	0.01	0.03
7.57	0.50	0.50	0.48	0.01	0.03	7.58	0.50	0.50	0.48	0.01	0.03
7.59	0.50	0.50	0.48	0.01	0.03	7.60	0.50	0.50	0.48	0.01	0.03
7.61	0.51	0.49	0.49	0.01	0.03	7.62	0.51	0.49	0.49	0.01	0.03
7.63	0.52	0.48	0.50	0.01	0.03	7.64	0.52	0.48	0.50	0.01	0.03
7.65	0.52	0.48	0.50	0.01	0.03	7.66	0.52	0.48	0.51	0.01	0.03
7.67	0.53	0.47	0.51	0.01	0.03	7.68	0.54	0.46	0.53	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.54	0.46	0.53	0.01	0.03	7.70	0.55	0.45	0.54	0.01	0.03
7.71	0.53	0.47	0.51	0.01	0.03	7.72	0.52	0.48	0.50	0.01	0.03
7.73	0.50	0.50	0.48	0.01	0.03	7.74	0.48	0.52	0.46	0.01	0.03
7.75	0.44	0.56	0.42	0.01	0.03	7.76	0.44	0.56	0.42	0.01	0.03
7.77	0.43	0.57	0.41	0.01	0.03	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00

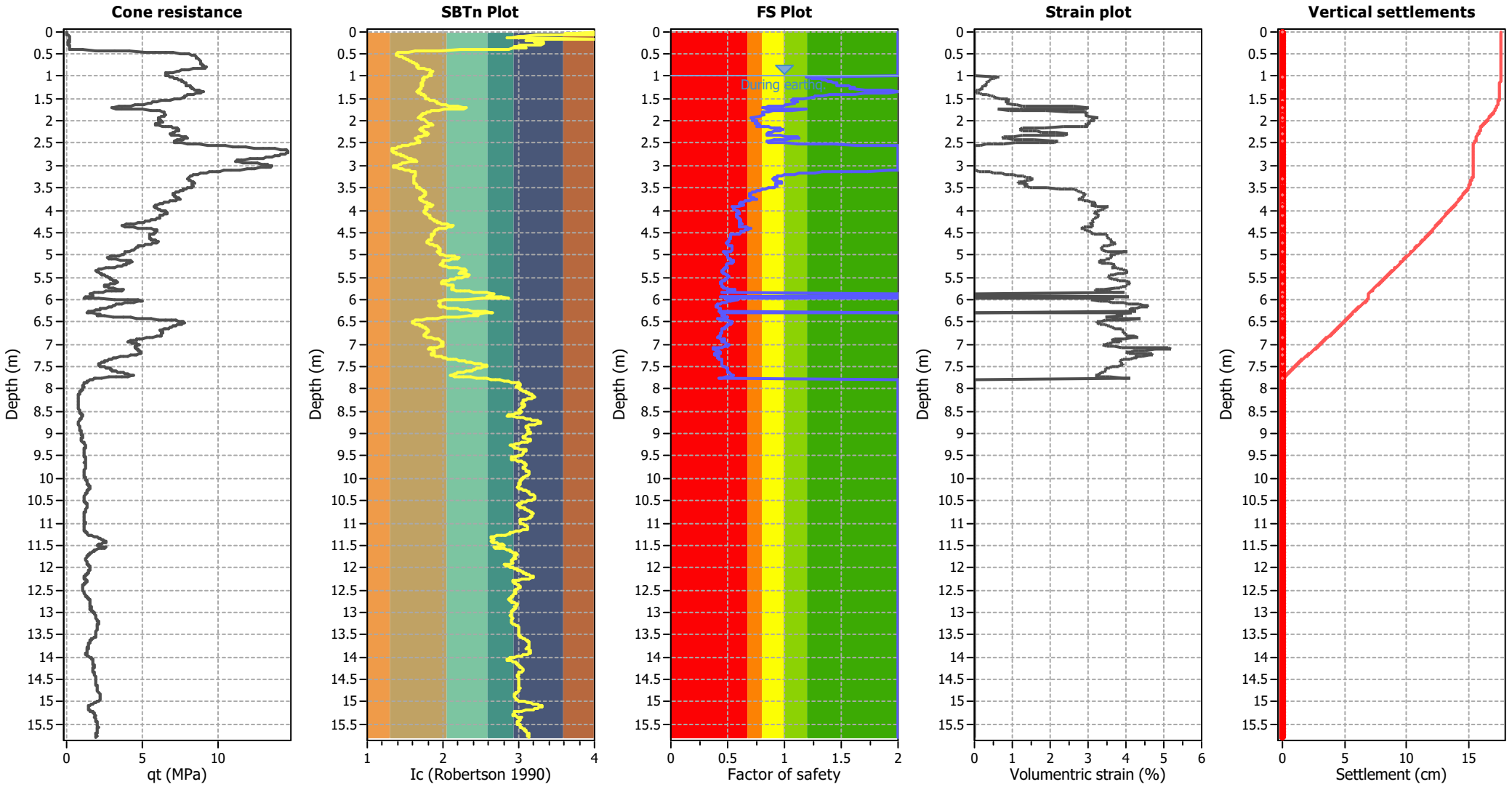
Overall liquefaction potential: 15.46

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	112.92	2.00	0.00	1.00	0.00	1.01	115.66	1.19	0.64	1.00	0.01
1.02	116.80	1.20	0.61	1.00	0.01	1.03	118.12	1.22	0.58	1.00	0.01
1.04	119.63	1.24	0.54	1.00	0.01	1.05	120.97	1.26	0.51	1.00	0.01
1.06	123.82	1.32	0.44	1.00	0.00	1.07	124.83	1.34	0.42	1.00	0.00
1.08	125.66	1.35	0.41	1.00	0.00	1.09	126.34	1.36	0.40	1.00	0.00
1.10	126.84	1.36	0.39	1.00	0.00	1.11	127.68	1.38	0.38	1.00	0.00
1.12	128.35	1.39	0.37	1.00	0.00	1.13	129.19	1.40	0.35	1.00	0.00
1.14	130.53	1.43	0.33	1.00	0.00	1.15	131.20	1.45	0.31	1.00	0.00
1.16	131.87	1.46	0.30	1.00	0.00	1.17	132.21	1.46	0.30	1.00	0.00
1.18	132.38	1.46	0.30	1.00	0.00	1.19	132.54	1.46	0.30	1.00	0.00
1.20	133.05	1.47	0.30	1.00	0.00	1.21	133.55	1.48	0.29	1.00	0.00
1.22	135.40	1.53	0.25	1.00	0.00	1.23	136.57	1.56	0.23	1.00	0.00
1.24	137.58	1.59	0.21	1.00	0.00	1.25	138.58	1.62	0.19	1.00	0.00
1.26	138.25	1.60	0.20	1.00	0.00	1.27	138.08	1.59	0.21	1.00	0.00
1.28	138.08	1.58	0.21	1.00	0.00	1.29	138.92	1.60	0.20	1.00	0.00
1.30	141.94	1.71	0.13	1.00	0.00	1.31	144.46	1.82	0.08	1.00	0.00
1.32	147.14	1.94	0.03	1.00	0.00	1.33	149.32	2.00	0.00	1.00	0.00
1.34	151.84	2.00	0.00	1.00	0.00	1.35	151.67	2.00	0.00	1.00	0.00
1.36	150.66	2.00	0.00	1.00	0.00	1.37	147.31	1.91	0.04	1.00	0.00
1.38	145.29	1.81	0.08	1.00	0.00	1.39	143.11	1.71	0.14	1.00	0.00
1.40	140.76	1.61	0.19	1.00	0.00	1.41	136.40	1.46	0.31	1.00	0.00
1.42	134.56	1.39	0.36	1.00	0.00	1.43	132.55	1.33	0.43	1.00	0.00
1.44	131.39	1.30	0.47	1.00	0.00	1.45	130.24	1.27	0.51	1.00	0.01
1.46	129.76	1.25	0.53	1.00	0.01	1.47	129.91	1.25	0.53	1.00	0.01
1.48	130.06	1.25	0.53	1.00	0.01	1.49	129.92	1.24	0.54	1.00	0.01
1.50	126.60	1.17	0.68	1.00	0.01	1.51	124.17	1.11	0.79	1.00	0.01
1.52	122.59	1.08	0.88	1.00	0.01	1.53	121.70	1.06	0.94	1.00	0.01
1.54	124.01	1.10	0.82	1.00	0.01	1.55	122.47	1.07	0.91	1.00	0.01
1.56	124.80	1.11	0.80	1.00	0.01	1.57	124.71	1.10	0.81	1.00	0.01
1.58	123.37	1.08	0.88	1.00	0.01	1.59	124.02	1.09	0.86	1.00	0.01
1.60	123.80	1.08	0.88	1.00	0.01	1.61	123.84	1.08	0.88	1.00	0.01
1.62	124.65	1.09	0.85	1.00	0.01	1.63	121.22	1.02	1.06	1.00	0.01
1.64	121.59	1.03	1.04	1.00	0.01	1.65	120.58	1.01	1.12	1.00	0.01
1.66	119.06	0.98	1.25	1.00	0.01	1.67	118.33	0.97	1.33	1.00	0.01
1.68	110.82	0.86	2.61	1.00	0.03	1.69	108.73	0.84	2.95	1.00	0.03
1.70	106.77	0.81	3.00	1.00	0.03	1.71	107.34	0.82	2.99	1.00	0.03
1.72	109.86	0.84	2.92	1.00	0.03	1.73	119.47	0.97	1.29	1.00	0.01
1.74	120.96	0.99	1.18	1.00	0.01	1.75	131.36	1.20	0.61	1.00	0.01
1.76	125.28	1.07	0.91	1.00	0.01	1.77	120.45	0.98	1.25	1.00	0.01
1.78	115.05	0.90	1.90	1.00	0.02	1.79	112.44	0.86	2.49	1.00	0.02
1.80	109.20	0.82	2.93	1.00	0.03	1.81	108.31	0.81	2.96	1.00	0.03
1.82	107.80	0.80	2.97	1.00	0.03	1.83	108.22	0.81	2.96	1.00	0.03
1.84	108.55	0.81	2.95	1.00	0.03	1.85	109.89	0.82	2.91	1.00	0.03
1.86	109.89	0.82	2.91	1.00	0.03	1.87	109.56	0.81	2.92	1.00	0.03
1.88	109.06	0.81	2.94	1.00	0.03	1.89	106.87	0.78	3.00	1.00	0.03
1.90	106.87	0.78	3.00	1.00	0.03	1.91	106.87	0.78	3.00	1.00	0.03
1.92	98.82	0.70	3.25	1.00	0.03	1.93	102.01	0.73	3.15	1.00	0.03
1.94	102.85	0.74	3.12	1.00	0.03	1.95	103.02	0.74	3.12	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	102.34	0.73	3.14	1.00	0.03	1.97	101.84	0.72	3.15	1.00	0.03
1.98	101.35	0.72	3.17	1.00	0.03	1.99	101.46	0.72	3.17	1.00	0.03
2.00	102.56	0.73	3.13	1.00	0.03	2.01	105.79	0.75	3.03	1.00	0.03
2.02	106.33	0.76	3.02	1.00	0.03	2.03	106.17	0.76	3.02	1.00	0.03
2.04	105.42	0.75	3.04	1.00	0.03	2.05	105.84	0.75	3.03	1.00	0.03
2.06	105.81	0.75	3.03	1.00	0.03	2.07	108.44	0.77	2.96	1.00	0.03
2.08	109.36	0.78	2.93	1.00	0.03	2.09	109.22	0.78	2.93	1.00	0.03
2.10	108.82	0.77	2.94	1.00	0.03	2.11	107.52	0.76	2.98	1.00	0.03
2.12	111.29	0.80	2.88	1.00	0.03	2.13	113.61	0.82	2.81	1.00	0.03
2.14	116.10	0.85	2.34	1.00	0.02	2.15	118.62	0.89	1.86	1.00	0.02
2.16	120.63	0.91	1.59	1.00	0.02	2.17	123.82	0.96	1.27	1.00	0.01
2.18	124.66	0.98	1.20	1.00	0.01	2.19	124.99	0.98	1.18	1.00	0.01
2.20	124.83	0.98	1.20	1.00	0.01	2.21	123.99	0.96	1.28	1.00	0.01
2.22	122.48	0.94	1.43	1.00	0.01	2.23	121.64	0.92	1.53	1.00	0.02
2.24	120.80	0.91	1.64	1.00	0.02	2.25	119.80	0.89	1.78	1.00	0.02
2.26	118.70	0.87	1.97	1.00	0.02	2.27	117.86	0.86	2.14	1.00	0.02
2.28	116.47	0.84	2.48	1.00	0.02	2.29	116.67	0.84	2.44	1.00	0.02
2.30	116.67	0.84	2.46	1.00	0.02	2.31	117.09	0.85	2.37	1.00	0.02
2.32	118.08	0.86	2.16	1.00	0.02	2.33	124.66	0.96	1.29	1.00	0.01
2.34	128.01	1.02	1.03	1.00	0.01	2.35	130.70	1.07	0.87	1.00	0.01
2.36	132.04	1.10	0.80	1.00	0.01	2.37	132.88	1.11	0.76	1.00	0.01
2.38	133.72	1.13	0.73	1.00	0.01	2.39	133.38	1.12	0.74	1.00	0.01
2.40	131.54	1.08	0.84	1.00	0.01	2.41	128.35	1.01	1.04	1.00	0.01
2.42	125.16	0.96	1.29	1.00	0.01	2.43	122.31	0.91	1.59	1.00	0.02
2.44	118.95	0.86	2.12	1.00	0.02	2.45	118.62	0.85	2.20	1.00	0.02
2.46	118.62	0.85	2.21	1.00	0.02	2.47	119.12	0.86	2.12	1.00	0.02
2.48	119.96	0.87	1.97	1.00	0.02	2.49	121.47	0.89	1.74	1.00	0.02
2.50	128.18	1.00	1.08	1.00	0.01	2.51	133.55	1.11	0.77	1.00	0.01
2.52	139.87	1.27	0.50	1.00	0.00	2.53	145.14	1.44	0.32	1.00	0.00
2.54	150.21	1.65	0.17	1.00	0.00	2.55	159.97	2.00	0.00	1.00	0.00
2.56	165.33	2.00	0.00	1.00	0.00	2.57	170.37	2.00	0.00	1.00	0.00
2.58	175.24	2.00	0.00	1.00	0.00	2.59	179.24	2.00	0.00	1.00	0.00
2.60	189.53	2.00	0.00	1.00	0.00	2.61	194.29	2.00	0.00	1.00	0.00
2.62	198.22	2.00	0.00	1.00	0.00	2.63	201.79	2.00	0.00	1.00	0.00
2.64	208.76	2.00	0.00	1.00	0.00	2.65	210.16	2.00	0.00	1.00	0.00
2.66	211.00	2.00	0.00	1.00	0.00	2.67	211.18	2.00	0.00	1.00	0.00
2.68	211.15	2.00	0.00	1.00	0.00	2.69	211.44	2.00	0.00	1.00	0.00
2.70	211.29	2.00	0.00	1.00	0.00	2.71	210.71	2.00	0.00	1.00	0.00
2.72	209.24	2.00	0.00	1.00	0.00	2.73	208.32	2.00	0.00	1.00	0.00
2.74	208.06	2.00	0.00	1.00	0.00	2.75	206.15	2.00	0.00	1.00	0.00
2.76	204.89	2.00	0.00	1.00	0.00	2.77	203.75	2.00	0.00	1.00	0.00
2.78	202.26	2.00	0.00	1.00	0.00	2.79	200.67	2.00	0.00	1.00	0.00
2.80	197.50	2.00	0.00	1.00	0.00	2.81	195.90	2.00	0.00	1.00	0.00
2.82	194.06	2.00	0.00	1.00	0.00	2.83	191.09	2.00	0.00	1.00	0.00
2.84	187.42	2.00	0.00	1.00	0.00	2.85	179.94	2.00	0.00	1.00	0.00
2.86	176.43	2.00	0.00	1.00	0.00	2.87	173.38	2.00	0.00	1.00	0.00
2.88	171.48	2.00	0.00	1.00	0.00	2.89	170.04	2.00	0.00	1.00	0.00
2.90	169.90	2.00	0.00	1.00	0.00	2.91	169.76	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	165.81	2.00	0.00	1.00	0.00	2.93	176.61	2.00	0.00	1.00	0.00
2.94	180.85	2.00	0.00	1.00	0.00	2.95	184.60	2.00	0.00	1.00	0.00
2.96	187.87	2.00	0.00	1.00	0.00	2.97	190.33	2.00	0.00	1.00	0.00
2.98	192.45	2.00	0.00	1.00	0.00	2.99	192.54	2.00	0.00	1.00	0.00
3.00	193.64	2.00	0.00	1.00	0.00	3.01	196.40	2.00	0.00	1.00	0.00
3.02	195.50	2.00	0.00	1.00	0.00	3.03	194.03	2.00	0.00	1.00	0.00
3.04	191.21	2.00	0.00	1.00	0.00	3.05	184.66	2.00	0.00	1.00	0.00
3.06	181.57	2.00	0.00	1.00	0.00	3.07	179.16	2.00	0.00	1.00	0.00
3.08	175.70	2.00	0.00	1.00	0.00	3.09	170.94	2.00	0.00	1.00	0.00
3.10	160.96	2.00	0.00	1.00	0.00	3.11	156.97	1.92	0.03	1.00	0.00
3.12	153.54	1.73	0.13	1.00	0.00	3.13	150.56	1.59	0.21	1.00	0.00
3.14	148.52	1.50	0.27	1.00	0.00	3.15	144.06	1.34	0.42	1.00	0.00
3.16	142.00	1.27	0.50	1.00	0.00	3.17	140.05	1.21	0.58	1.00	0.01
3.18	137.00	1.13	0.71	1.00	0.01	3.19	135.04	1.08	0.81	1.00	0.01
3.20	133.44	1.05	0.90	1.00	0.01	3.21	131.22	1.00	1.05	1.00	0.01
3.22	130.11	0.98	1.13	1.00	0.01	3.23	128.25	0.95	1.28	1.00	0.01
3.24	127.90	0.94	1.32	1.00	0.01	3.25	127.54	0.93	1.35	1.00	0.01
3.26	127.19	0.93	1.39	1.00	0.01	3.27	126.96	0.92	1.42	1.00	0.01
3.28	126.36	0.91	1.48	1.00	0.01	3.29	126.13	0.91	1.51	1.00	0.02
3.30	125.90	0.90	1.54	1.00	0.02	3.31	125.93	0.90	1.54	1.00	0.02
3.32	126.83	0.92	1.44	1.00	0.01	3.33	127.10	0.92	1.42	1.00	0.01
3.34	127.75	0.93	1.36	1.00	0.01	3.35	128.52	0.94	1.29	1.00	0.01
3.36	129.78	0.97	1.18	1.00	0.01	3.37	130.05	0.97	1.17	1.00	0.01
3.38	130.32	0.97	1.15	1.00	0.01	3.39	130.09	0.97	1.17	1.00	0.01
3.40	129.12	0.95	1.25	1.00	0.01	3.41	127.78	0.93	1.37	1.00	0.01
3.42	127.80	0.93	1.37	1.00	0.01	3.43	127.70	0.92	1.38	1.00	0.01
3.44	127.97	0.93	1.36	1.00	0.01	3.45	128.36	0.94	1.33	1.00	0.01
3.46	128.26	0.93	1.34	1.00	0.01	3.47	127.91	0.93	1.37	1.00	0.01
3.48	127.19	0.91	1.45	1.00	0.01	3.49	126.22	0.90	1.56	1.00	0.02
3.50	123.50	0.85	1.94	1.00	0.02	3.51	122.02	0.83	2.22	1.00	0.02
3.52	121.30	0.82	2.38	1.00	0.02	3.53	120.57	0.81	2.57	1.00	0.03
3.54	119.97	0.80	2.66	1.00	0.03	3.55	118.73	0.79	2.69	1.00	0.03
3.56	117.88	0.78	2.71	1.00	0.03	3.57	116.64	0.76	2.74	1.00	0.03
3.58	115.52	0.75	2.76	1.00	0.03	3.59	113.24	0.72	2.82	1.00	0.03
3.60	112.43	0.71	2.85	1.00	0.03	3.61	111.74	0.71	2.86	1.00	0.03
3.62	111.16	0.70	2.88	1.00	0.03	3.63	110.50	0.69	2.90	1.00	0.03
3.64	109.95	0.69	2.91	1.00	0.03	3.65	109.81	0.69	2.92	1.00	0.03
3.66	110.08	0.69	2.91	1.00	0.03	3.67	110.50	0.69	2.90	1.00	0.03
3.68	111.05	0.70	2.88	1.00	0.03	3.69	111.60	0.70	2.87	1.00	0.03
3.70	111.51	0.70	2.87	1.00	0.03	3.71	111.80	0.71	2.86	1.00	0.03
3.72	113.25	0.72	2.82	1.00	0.03	3.73	114.31	0.73	2.80	1.00	0.03
3.74	115.62	0.74	2.76	1.00	0.03	3.75	116.17	0.75	2.75	1.00	0.03
3.76	114.67	0.73	2.79	1.00	0.03	3.77	112.91	0.71	2.83	1.00	0.03
3.78	110.77	0.69	2.89	1.00	0.03	3.79	108.36	0.67	2.96	1.00	0.03
3.80	106.59	0.65	3.01	1.00	0.03	3.81	104.82	0.64	3.06	1.00	0.03
3.82	102.12	0.62	3.14	1.00	0.03	3.83	101.24	0.61	3.17	1.00	0.03
3.84	100.44	0.60	3.20	1.00	0.03	3.85	100.07	0.60	3.21	1.00	0.03
3.86	100.77	0.61	3.19	1.00	0.03	3.87	101.21	0.61	3.17	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	103.68	0.63	3.10	1.00	0.03	3.89	104.68	0.64	3.07	1.00	0.03
3.90	104.89	0.64	3.06	1.00	0.03	3.91	99.12	0.59	3.24	1.00	0.03
3.92	91.22	0.54	3.53	1.00	0.04	3.93	91.64	0.54	3.51	1.00	0.04
3.94	93.06	0.55	3.46	1.00	0.03	3.95	93.60	0.55	3.44	1.00	0.03
3.96	93.99	0.55	3.42	1.00	0.03	3.97	94.36	0.56	3.41	1.00	0.03
3.98	94.79	0.56	3.39	1.00	0.03	3.99	95.78	0.57	3.36	1.00	0.03
4.00	97.72	0.58	3.29	1.00	0.03	4.01	98.86	0.59	3.25	1.00	0.03
4.02	99.28	0.59	3.24	1.00	0.03	4.03	99.95	0.59	3.21	1.00	0.03
4.04	100.48	0.60	3.20	1.00	0.03	4.05	101.02	0.60	3.18	1.00	0.03
4.06	101.32	0.60	3.17	1.00	0.03	4.07	101.01	0.60	3.18	1.00	0.03
4.08	100.29	0.59	3.20	1.00	0.03	4.09	98.48	0.58	3.26	1.00	0.03
4.10	98.11	0.58	3.28	1.00	0.03	4.11	97.91	0.58	3.28	1.00	0.03
4.12	97.95	0.58	3.28	1.00	0.03	4.13	98.27	0.58	3.27	1.00	0.03
4.14	98.76	0.58	3.25	1.00	0.03	4.15	99.56	0.59	3.23	1.00	0.03
4.16	99.83	0.59	3.22	1.00	0.03	4.17	100.17	0.59	3.21	1.00	0.03
4.18	100.42	0.59	3.20	1.00	0.03	4.19	101.60	0.60	3.16	1.00	0.03
4.20	101.54	0.60	3.16	1.00	0.03	4.21	102.45	0.61	3.13	1.00	0.03
4.22	102.74	0.61	3.13	1.00	0.03	4.23	102.56	0.61	3.13	1.00	0.03
4.24	103.29	0.61	3.11	1.00	0.03	4.25	102.21	0.60	3.14	1.00	0.03
4.26	102.65	0.61	3.13	1.00	0.03	4.27	102.98	0.61	3.12	1.00	0.03
4.28	103.32	0.61	3.11	1.00	0.03	4.29	103.52	0.61	3.10	1.00	0.03
4.30	104.94	0.63	3.06	1.00	0.03	4.31	102.69	0.61	3.13	1.00	0.03
4.32	102.97	0.61	3.12	1.00	0.03	4.33	102.67	0.61	3.13	1.00	0.03
4.34	102.48	0.60	3.13	1.00	0.03	4.35	102.67	0.61	3.13	1.00	0.03
4.36	103.06	0.61	3.12	1.00	0.03	4.37	108.48	0.65	2.95	1.00	0.03
4.38	110.39	0.67	2.90	1.00	0.03	4.39	111.96	0.69	2.86	1.00	0.03
4.40	112.98	0.70	2.83	1.00	0.03	4.41	114.05	0.71	2.80	1.00	0.03
4.42	111.32	0.68	2.88	1.00	0.03	4.43	110.93	0.68	2.89	1.00	0.03
4.44	109.12	0.66	2.94	1.00	0.03	4.45	108.17	0.65	2.96	1.00	0.03
4.46	107.11	0.64	2.99	1.00	0.03	4.47	105.31	0.62	3.05	1.00	0.03
4.48	104.46	0.62	3.07	1.00	0.03	4.49	104.22	0.61	3.08	1.00	0.03
4.50	103.92	0.61	3.09	1.00	0.03	4.51	104.63	0.62	3.07	1.00	0.03
4.52	102.18	0.60	3.14	1.00	0.03	4.53	97.80	0.56	3.29	1.00	0.03
4.54	93.30	0.54	3.45	1.00	0.03	4.55	91.92	0.53	3.50	1.00	0.03
4.56	91.95	0.53	3.50	1.00	0.03	4.57	92.01	0.53	3.49	1.00	0.03
4.58	92.09	0.53	3.49	1.00	0.03	4.59	91.88	0.53	3.50	1.00	0.04
4.60	91.81	0.53	3.50	1.00	0.04	4.61	91.45	0.52	3.52	1.00	0.04
4.62	91.13	0.52	3.53	1.00	0.04	4.63	90.86	0.52	3.54	1.00	0.04
4.64	90.31	0.52	3.56	1.00	0.04	4.65	90.01	0.51	3.57	1.00	0.04
4.66	89.25	0.51	3.60	1.00	0.04	4.67	88.80	0.51	3.62	1.00	0.04
4.68	88.81	0.51	3.62	1.00	0.04	4.69	88.69	0.51	3.63	1.00	0.04
4.70	89.78	0.51	3.58	1.00	0.04	4.71	89.18	0.51	3.61	1.00	0.04
4.72	88.38	0.50	3.64	1.00	0.04	4.73	87.63	0.50	3.67	1.00	0.04
4.74	86.33	0.49	3.72	1.00	0.04	4.75	86.90	0.49	3.70	1.00	0.04
4.76	87.63	0.50	3.67	1.00	0.04	4.77	88.82	0.50	3.62	1.00	0.04
4.78	90.47	0.51	3.55	1.00	0.04	4.79	92.25	0.52	3.49	1.00	0.03
4.80	93.09	0.53	3.45	1.00	0.03	4.81	94.51	0.54	3.40	1.00	0.03
4.82	95.09	0.54	3.38	1.00	0.03	4.83	95.46	0.54	3.37	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	95.58	0.54	3.36	1.00	0.03	4.85	95.59	0.54	3.36	1.00	0.03
4.86	95.69	0.54	3.36	1.00	0.03	4.87	95.76	0.54	3.36	1.00	0.03
4.88	95.18	0.54	3.38	1.00	0.03	4.89	94.50	0.54	3.40	1.00	0.03
4.90	94.86	0.54	3.39	1.00	0.03	4.91	92.18	0.52	3.49	1.00	0.03
4.92	82.68	0.47	3.88	1.00	0.04	4.93	79.41	0.46	4.04	1.00	0.04
4.94	81.67	0.47	3.93	1.00	0.04	4.95	83.37	0.47	3.85	1.00	0.04
4.96	84.91	0.48	3.78	1.00	0.04	4.97	85.72	0.48	3.75	1.00	0.04
4.98	86.26	0.49	3.73	1.00	0.04	4.99	86.79	0.49	3.70	1.00	0.04
5.00	89.77	0.51	3.58	1.00	0.04	5.01	88.05	0.50	3.65	1.00	0.04
5.02	89.48	0.50	3.59	1.00	0.04	5.03	89.40	0.50	3.60	1.00	0.04
5.04	89.24	0.50	3.60	1.00	0.04	5.05	88.88	0.50	3.62	1.00	0.04
5.06	88.59	0.50	3.63	1.00	0.04	5.07	89.44	0.50	3.59	1.00	0.04
5.08	90.29	0.51	3.56	1.00	0.04	5.09	91.56	0.51	3.51	1.00	0.04
5.10	92.68	0.52	3.47	1.00	0.03	5.11	93.08	0.52	3.45	1.00	0.03
5.12	97.01	0.55	3.31	1.00	0.03	5.13	96.12	0.54	3.34	1.00	0.03
5.14	96.96	0.55	3.32	1.00	0.03	5.15	97.48	0.55	3.30	1.00	0.03
5.16	97.81	0.55	3.29	1.00	0.03	5.17	97.66	0.55	3.29	1.00	0.03
5.18	95.79	0.54	3.36	1.00	0.03	5.19	92.14	0.52	3.49	1.00	0.03
5.20	89.59	0.50	3.59	1.00	0.04	5.21	87.17	0.49	3.69	1.00	0.04
5.22	86.73	0.49	3.71	1.00	0.04	5.23	87.24	0.49	3.68	1.00	0.04
5.24	86.74	0.49	3.71	1.00	0.04	5.25	87.42	0.49	3.68	1.00	0.04
5.26	87.90	0.49	3.66	1.00	0.04	5.27	88.26	0.49	3.64	1.00	0.04
5.28	88.12	0.49	3.65	1.00	0.04	5.29	88.49	0.49	3.63	1.00	0.04
5.30	85.31	0.48	3.77	1.00	0.04	5.31	84.69	0.47	3.79	1.00	0.04
5.32	83.52	0.47	3.85	1.00	0.04	5.33	82.23	0.46	3.90	1.00	0.04
5.34	80.95	0.46	3.96	1.00	0.04	5.35	80.39	0.45	3.99	1.00	0.04
5.36	79.69	0.45	4.02	1.00	0.04	5.37	79.79	0.45	4.02	1.00	0.04
5.38	79.59	0.45	4.03	1.00	0.04	5.39	79.78	0.45	4.02	1.00	0.04
5.40	80.99	0.46	3.96	1.00	0.04	5.41	82.41	0.46	3.90	1.00	0.04
5.42	83.55	0.47	3.84	1.00	0.04	5.43	84.98	0.47	3.78	1.00	0.04
5.44	87.28	0.49	3.68	1.00	0.04	5.45	88.67	0.49	3.63	1.00	0.04
5.46	89.52	0.50	3.59	1.00	0.04	5.47	90.54	0.50	3.55	1.00	0.04
5.48	91.24	0.51	3.52	1.00	0.04	5.49	91.34	0.51	3.52	1.00	0.04
5.50	90.78	0.50	3.54	1.00	0.04	5.51	90.80	0.50	3.54	1.00	0.04
5.52	89.42	0.50	3.60	1.00	0.04	5.53	88.33	0.49	3.64	1.00	0.04
5.54	87.52	0.49	3.67	1.00	0.04	5.55	86.83	0.48	3.70	1.00	0.04
5.56	86.23	0.48	3.73	1.00	0.04	5.57	84.29	0.47	3.81	1.00	0.04
5.58	82.72	0.46	3.88	1.00	0.04	5.59	79.84	0.45	4.02	1.00	0.04
5.60	78.96	0.44	4.06	1.00	0.04	5.61	78.47	0.44	4.08	1.00	0.04
5.62	78.18	0.44	4.10	1.00	0.04	5.63	78.77	0.44	4.07	1.00	0.04
5.64	77.97	0.44	4.11	1.00	0.04	5.65	79.05	0.44	4.06	1.00	0.04
5.66	79.48	0.45	4.03	1.00	0.04	5.67	79.92	0.45	4.01	1.00	0.04
5.68	80.09	0.45	4.00	1.00	0.04	5.69	80.37	0.45	3.99	1.00	0.04
5.70	80.53	0.45	3.98	1.00	0.04	5.71	81.39	0.45	3.94	1.00	0.04
5.72	82.34	0.46	3.90	1.00	0.04	5.73	83.51	0.46	3.85	1.00	0.04
5.74	85.10	0.47	3.78	1.00	0.04	5.75	86.29	0.48	3.72	1.00	0.04
5.76	94.46	0.52	3.40	1.00	0.03	5.77	97.61	0.54	3.29	1.00	0.03
5.78	100.27	0.56	3.20	1.00	0.03	5.79	100.48	0.56	3.20	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	97.23	0.54	3.31	1.00	0.03	5.81	93.35	0.51	3.44	1.00	0.03
5.82	91.35	0.50	3.52	1.00	0.04	5.83	88.29	0.49	3.64	1.00	0.04
5.84	86.10	0.47	3.73	1.00	0.04	5.85	80.81	0.45	3.97	1.00	0.04
5.86	21.82	2.00	0.00	1.00	0.00	5.87	21.40	2.00	0.00	1.00	0.00
5.88	21.91	2.00	0.00	1.00	0.00	5.89	23.60	2.00	0.00	1.00	0.00
5.90	23.59	2.00	0.00	1.00	0.00	5.91	23.59	2.00	0.00	1.00	0.00
5.92	80.39	0.45	3.99	1.00	0.04	5.93	78.93	0.44	4.06	1.00	0.04
5.94	18.93	2.00	0.00	1.00	0.00	5.95	16.51	2.00	0.00	1.00	0.00
5.96	15.28	2.00	0.00	1.00	0.00	5.97	14.23	2.00	0.00	1.00	0.00
5.98	87.26	0.48	3.68	1.00	0.04	5.99	96.58	0.53	3.33	1.00	0.03
6.00	102.34	0.57	3.14	1.00	0.03	6.01	104.71	0.59	3.06	1.00	0.03
6.02	96.68	0.53	3.33	1.00	0.03	6.03	94.97	0.52	3.39	1.00	0.03
6.04	90.88	0.50	3.54	1.00	0.04	6.05	88.78	0.49	3.62	1.00	0.04
6.06	86.28	0.47	3.72	1.00	0.04	6.07	83.65	0.46	3.84	1.00	0.04
6.08	80.92	0.45	3.96	1.00	0.04	6.09	79.10	0.44	4.05	1.00	0.04
6.10	77.18	0.43	4.15	1.00	0.04	6.11	73.19	0.42	4.36	1.00	0.04
6.12	71.22	0.41	4.48	1.00	0.04	6.13	69.73	0.40	4.57	1.00	0.05
6.14	69.23	0.40	4.60	1.00	0.05	6.15	69.73	0.40	4.57	1.00	0.05
6.16	71.42	0.41	4.46	1.00	0.04	6.17	72.75	0.41	4.39	1.00	0.04
6.18	74.91	0.42	4.27	1.00	0.04	6.19	75.98	0.43	4.21	1.00	0.04
6.20	77.11	0.43	4.15	1.00	0.04	6.21	78.14	0.43	4.10	1.00	0.04
6.22	78.11	0.43	4.10	1.00	0.04	6.23	78.87	0.44	4.06	1.00	0.04
6.24	77.02	0.43	4.16	1.00	0.04	6.25	76.26	0.43	4.20	1.00	0.04
6.26	76.04	0.43	4.21	1.00	0.04	6.27	75.06	0.42	4.26	1.00	0.04
6.28	17.23	2.00	0.00	1.00	0.00	6.29	18.00	2.00	0.00	1.00	0.00
6.30	77.27	0.43	4.14	1.00	0.04	6.31	85.36	0.47	3.76	1.00	0.04
6.32	86.20	0.47	3.73	1.00	0.04	6.33	85.21	0.47	3.77	1.00	0.04
6.34	84.01	0.46	3.82	1.00	0.04	6.35	82.42	0.45	3.90	1.00	0.04
6.36	81.80	0.45	3.92	1.00	0.04	6.37	82.99	0.45	3.87	1.00	0.04
6.38	93.06	0.51	3.46	1.00	0.03	6.39	92.91	0.51	3.46	1.00	0.03
6.40	89.99	0.49	3.57	1.00	0.04	6.41	84.56	0.46	3.80	1.00	0.04
6.42	78.25	0.43	4.10	1.00	0.04	6.43	72.65	0.41	4.39	1.00	0.04
6.44	80.86	0.44	3.97	1.00	0.04	6.45	85.07	0.46	3.78	1.00	0.04
6.46	89.13	0.48	3.61	1.00	0.04	6.47	92.81	0.50	3.46	1.00	0.03
6.48	95.59	0.52	3.36	1.00	0.03	6.49	98.39	0.54	3.27	1.00	0.03
6.50	98.90	0.54	3.25	1.00	0.03	6.51	99.07	0.54	3.24	1.00	0.03
6.52	99.02	0.54	3.25	1.00	0.03	6.53	98.40	0.54	3.27	1.00	0.03
6.54	97.44	0.53	3.30	1.00	0.03	6.55	95.45	0.52	3.37	1.00	0.03
6.56	94.19	0.51	3.41	1.00	0.03	6.57	93.09	0.50	3.45	1.00	0.03
6.58	91.88	0.50	3.50	1.00	0.04	6.59	91.01	0.49	3.53	1.00	0.04
6.60	90.15	0.49	3.57	1.00	0.04	6.61	88.93	0.48	3.62	1.00	0.04
6.62	88.30	0.48	3.64	1.00	0.04	6.63	87.67	0.48	3.67	1.00	0.04
6.64	86.75	0.47	3.71	1.00	0.04	6.65	85.60	0.47	3.75	1.00	0.04
6.66	82.83	0.45	3.88	1.00	0.04	6.67	82.47	0.45	3.89	1.00	0.04
6.68	82.01	0.45	3.91	1.00	0.04	6.69	81.88	0.45	3.92	1.00	0.04
6.70	81.78	0.45	3.92	1.00	0.04	6.71	81.42	0.45	3.94	1.00	0.04
6.72	81.65	0.45	3.93	1.00	0.04	6.73	81.48	0.45	3.94	1.00	0.04
6.74	81.44	0.45	3.94	1.00	0.04	6.75	81.11	0.44	3.96	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	80.51	0.44	3.98	1.00	0.04	6.77	80.31	0.44	3.99	1.00	0.04
6.78	80.25	0.44	4.00	1.00	0.04	6.79	80.32	0.44	3.99	1.00	0.04
6.80	80.15	0.44	4.00	1.00	0.04	6.81	79.99	0.44	4.01	1.00	0.04
6.82	79.01	0.43	4.06	1.00	0.04	6.83	75.98	0.42	4.21	1.00	0.04
6.84	74.44	0.42	4.29	1.00	0.04	6.85	74.24	0.42	4.31	1.00	0.04
6.86	76.59	0.42	4.18	1.00	0.04	6.87	80.73	0.44	3.97	1.00	0.04
6.88	85.07	0.46	3.78	1.00	0.04	6.89	86.81	0.47	3.70	1.00	0.04
6.90	88.76	0.48	3.62	1.00	0.04	6.91	88.42	0.48	3.64	1.00	0.04
6.92	82.47	0.45	3.89	1.00	0.04	6.93	83.59	0.45	3.84	1.00	0.04
6.94	85.85	0.47	3.74	1.00	0.04	6.95	87.37	0.47	3.68	1.00	0.04
6.96	88.57	0.48	3.63	1.00	0.04	6.97	89.20	0.48	3.60	1.00	0.04
6.98	89.36	0.48	3.60	1.00	0.04	6.99	91.14	0.49	3.53	1.00	0.04
7.00	92.46	0.50	3.48	1.00	0.03	7.01	94.20	0.51	3.41	1.00	0.03
7.02	94.87	0.51	3.39	1.00	0.03	7.03	92.04	0.50	3.49	1.00	0.03
7.04	90.24	0.49	3.56	1.00	0.04	7.05	87.29	0.47	3.68	1.00	0.04
7.06	82.65	0.45	3.88	1.00	0.04	7.07	75.00	0.42	4.26	1.00	0.04
7.08	66.14	0.39	4.79	1.00	0.05	7.09	61.49	0.37	5.12	1.00	0.05
7.10	60.66	0.37	5.18	1.00	0.05	7.11	62.69	0.37	5.03	1.00	0.05
7.12	66.55	0.39	4.77	1.00	0.05	7.13	71.08	0.40	4.48	1.00	0.04
7.14	73.83	0.41	4.33	1.00	0.04	7.15	76.23	0.42	4.20	1.00	0.04
7.16	77.19	0.43	4.15	1.00	0.04	7.17	78.92	0.43	4.06	1.00	0.04
7.18	80.48	0.44	3.99	1.00	0.04	7.19	78.93	0.43	4.06	1.00	0.04
7.20	74.90	0.42	4.27	1.00	0.04	7.21	69.63	0.40	4.57	1.00	0.05
7.22	67.54	0.39	4.70	1.00	0.05	7.23	67.69	0.39	4.69	1.00	0.05
7.24	67.41	0.39	4.71	1.00	0.05	7.25	68.89	0.39	4.62	1.00	0.05
7.26	72.04	0.41	4.43	1.00	0.04	7.27	75.61	0.42	4.23	1.00	0.04
7.28	74.39	0.41	4.30	1.00	0.04	7.29	74.95	0.42	4.27	1.00	0.04
7.30	75.23	0.42	4.25	1.00	0.04	7.31	76.21	0.42	4.20	1.00	0.04
7.32	78.13	0.43	4.10	1.00	0.04	7.33	79.27	0.43	4.04	1.00	0.04
7.34	81.10	0.44	3.96	1.00	0.04	7.35	81.97	0.45	3.92	1.00	0.04
7.36	83.14	0.45	3.86	1.00	0.04	7.37	82.77	0.45	3.88	1.00	0.04
7.38	83.18	0.45	3.86	1.00	0.04	7.39	83.11	0.45	3.86	1.00	0.04
7.40	83.42	0.45	3.85	1.00	0.04	7.41	83.04	0.45	3.87	1.00	0.04
7.42	82.89	0.45	3.87	1.00	0.04	7.43	82.50	0.45	3.89	1.00	0.04
7.44	82.19	0.45	3.91	1.00	0.04	7.45	82.23	0.45	3.90	1.00	0.04
7.46	82.45	0.45	3.89	1.00	0.04	7.47	83.10	0.45	3.86	1.00	0.04
7.48	83.74	0.45	3.84	1.00	0.04	7.49	84.79	0.46	3.79	1.00	0.04
7.50	86.43	0.47	3.72	1.00	0.04	7.51	89.28	0.48	3.60	1.00	0.04
7.52	90.10	0.48	3.57	1.00	0.04	7.53	90.84	0.49	3.54	1.00	0.04
7.54	92.77	0.50	3.47	1.00	0.03	7.55	93.14	0.50	3.45	1.00	0.03
7.56	93.19	0.50	3.45	1.00	0.03	7.57	92.99	0.50	3.46	1.00	0.03
7.58	92.71	0.50	3.47	1.00	0.03	7.59	93.16	0.50	3.45	1.00	0.03
7.60	93.40	0.50	3.44	1.00	0.03	7.61	94.20	0.51	3.41	1.00	0.03
7.62	94.18	0.51	3.41	1.00	0.03	7.63	96.08	0.52	3.35	1.00	0.03
7.64	95.86	0.52	3.35	1.00	0.03	7.65	96.73	0.52	3.32	1.00	0.03
7.66	97.33	0.52	3.30	1.00	0.03	7.67	97.38	0.53	3.30	1.00	0.03
7.68	99.66	0.54	3.22	1.00	0.03	7.69	100.09	0.54	3.21	1.00	0.03
7.70	101.18	0.55	3.17	1.00	0.03	7.71	97.68	0.53	3.29	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	96.11	0.52	3.35	1.00	0.03	7.73	92.72	0.50	3.47	1.00	0.03
7.74	90.21	0.48	3.56	1.00	0.04	7.75	81.61	0.44	3.93	1.00	0.04
7.76	80.04	0.44	4.01	1.00	0.04	7.77	78.19	0.43	4.10	1.00	0.04
7.78	20.41	2.00	0.00	1.00	0.00	7.79	20.03	2.00	0.00	1.00	0.00
7.80	17.99	2.00	0.00	1.00	0.00	7.81	16.90	2.00	0.00	1.00	0.00
7.82	16.41	2.00	0.00	1.00	0.00	7.83	16.16	2.00	0.00	1.00	0.00
7.84	15.67	2.00	0.00	1.00	0.00	7.85	14.82	2.00	0.00	1.00	0.00
7.86	14.10	2.00	0.00	1.00	0.00	7.87	13.73	2.00	0.00	1.00	0.00
7.88	13.60	2.00	0.00	1.00	0.00	7.89	13.36	2.00	0.00	1.00	0.00
7.90	13.35	2.00	0.00	1.00	0.00	7.91	13.34	2.00	0.00	1.00	0.00
7.92	12.26	2.00	0.00	1.00	0.00	7.93	13.21	2.00	0.00	1.00	0.00
7.94	13.32	2.00	0.00	1.00	0.00	7.95	13.19	2.00	0.00	1.00	0.00
7.96	13.06	2.00	0.00	1.00	0.00	7.97	12.94	2.00	0.00	1.00	0.00
7.98	12.45	2.00	0.00	1.00	0.00	7.99	12.33	2.00	0.00	1.00	0.00
8.00	12.20	2.00	0.00	1.00	0.00	8.01	12.19	2.00	0.00	1.00	0.00
8.02	12.07	2.00	0.00	1.00	0.00	8.03	11.70	2.00	0.00	1.00	0.00
8.04	11.22	2.00	0.00	1.00	0.00	8.05	10.74	2.00	0.00	1.00	0.00
8.06	10.26	2.00	0.00	1.00	0.00	8.07	10.13	2.00	0.00	1.00	0.00
8.08	10.13	2.00	0.00	1.00	0.00	8.09	10.00	2.00	0.00	1.00	0.00
8.10	9.88	2.00	0.00	1.00	0.00	8.11	9.64	2.00	0.00	1.00	0.00
8.12	9.63	2.00	0.00	1.00	0.00	8.13	9.39	2.00	0.00	1.00	0.00
8.14	9.26	2.00	0.00	1.00	0.00	8.15	9.14	2.00	0.00	1.00	0.00
8.16	8.78	2.00	0.00	1.00	0.00	8.17	8.65	2.00	0.00	1.00	0.00
8.18	8.53	2.00	0.00	1.00	0.00	8.19	8.52	2.00	0.00	1.00	0.00
8.20	8.40	2.00	0.00	1.00	0.00	8.21	8.40	2.00	0.00	1.00	0.00
8.22	8.51	2.00	0.00	1.00	0.00	8.23	8.51	2.00	0.00	1.00	0.00
8.24	8.50	2.00	0.00	1.00	0.00	8.25	8.73	2.00	0.00	1.00	0.00
8.26	8.73	2.00	0.00	1.00	0.00	8.27	8.72	2.00	0.00	1.00	0.00
8.28	8.84	2.00	0.00	1.00	0.00	8.29	8.83	2.00	0.00	1.00	0.00
8.30	8.95	2.00	0.00	1.00	0.00	8.31	9.06	2.00	0.00	1.00	0.00
8.32	9.17	2.00	0.00	1.00	0.00	8.33	9.05	2.00	0.00	1.00	0.00
8.34	8.81	2.00	0.00	1.00	0.00	8.35	8.69	2.00	0.00	1.00	0.00
8.36	8.68	2.00	0.00	1.00	0.00	8.37	8.68	2.00	0.00	1.00	0.00
8.38	8.79	2.00	0.00	1.00	0.00	8.39	8.91	2.00	0.00	1.00	0.00
8.40	8.78	2.00	0.00	1.00	0.00	8.41	8.78	2.00	0.00	1.00	0.00
8.42	8.89	2.00	0.00	1.00	0.00	8.43	9.01	2.00	0.00	1.00	0.00
8.44	9.23	2.00	0.00	1.00	0.00	8.45	9.35	2.00	0.00	1.00	0.00
8.46	9.58	2.00	0.00	1.00	0.00	8.47	9.80	2.00	0.00	1.00	0.00
8.48	9.80	2.00	0.00	1.00	0.00	8.49	9.68	2.00	0.00	1.00	0.00
8.50	9.56	2.00	0.00	1.00	0.00	8.51	9.43	2.00	0.00	1.00	0.00
8.52	9.43	2.00	0.00	1.00	0.00	8.53	9.54	2.00	0.00	1.00	0.00
8.54	10.12	2.00	0.00	1.00	0.00	8.55	10.58	2.00	0.00	1.00	0.00
8.56	10.92	2.00	0.00	1.00	0.00	8.57	11.38	2.00	0.00	1.00	0.00
8.58	11.84	2.00	0.00	1.00	0.00	8.59	11.95	2.00	0.00	1.00	0.00
8.60	11.95	2.00	0.00	1.00	0.00	8.61	11.82	2.00	0.00	1.00	0.00
8.62	11.58	2.00	0.00	1.00	0.00	8.63	11.34	2.00	0.00	1.00	0.00
8.64	11.11	2.00	0.00	1.00	0.00	8.65	10.99	2.00	0.00	1.00	0.00
8.66	10.86	2.00	0.00	1.00	0.00	8.67	10.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	10.39	2.00	0.00	1.00	0.00	8.69	10.04	2.00	0.00	1.00	0.00
8.70	9.69	2.00	0.00	1.00	0.00	8.71	9.33	2.00	0.00	1.00	0.00
8.72	8.98	2.00	0.00	1.00	0.00	8.73	8.86	2.00	0.00	1.00	0.00
8.74	8.74	2.00	0.00	1.00	0.00	8.75	8.51	2.00	0.00	1.00	0.00
8.76	8.50	2.00	0.00	1.00	0.00	8.77	8.50	2.00	0.00	1.00	0.00
8.78	8.49	2.00	0.00	1.00	0.00	8.79	8.60	2.00	0.00	1.00	0.00
8.80	8.83	2.00	0.00	1.00	0.00	8.81	8.94	2.00	0.00	1.00	0.00
8.82	9.28	2.00	0.00	1.00	0.00	8.83	9.50	2.00	0.00	1.00	0.00
8.84	9.50	2.00	0.00	1.00	0.00	8.85	9.49	2.00	0.00	1.00	0.00
8.86	9.60	2.00	0.00	1.00	0.00	8.87	9.60	2.00	0.00	1.00	0.00
8.88	9.48	2.00	0.00	1.00	0.00	8.89	9.47	2.00	0.00	1.00	0.00
8.90	9.47	2.00	0.00	1.00	0.00	8.91	9.46	2.00	0.00	1.00	0.00
8.92	9.57	2.00	0.00	1.00	0.00	8.93	9.91	2.00	0.00	1.00	0.00
8.94	10.02	2.00	0.00	1.00	0.00	8.95	10.13	2.00	0.00	1.00	0.00
8.96	10.12	2.00	0.00	1.00	0.00	8.97	10.12	2.00	0.00	1.00	0.00
8.98	10.11	2.00	0.00	1.00	0.00	8.99	10.33	2.00	0.00	1.00	0.00
9.00	10.67	2.00	0.00	1.00	0.00	9.01	10.89	2.00	0.00	1.00	0.00
9.02	10.99	2.00	0.00	1.00	0.00	9.03	11.21	2.00	0.00	1.00	0.00
9.04	11.32	2.00	0.00	1.00	0.00	9.05	11.20	2.00	0.00	1.00	0.00
9.06	11.20	2.00	0.00	1.00	0.00	9.07	11.30	2.00	0.00	1.00	0.00
9.08	11.07	2.00	0.00	1.00	0.00	9.09	10.95	2.00	0.00	1.00	0.00
9.10	10.72	2.00	0.00	1.00	0.00	9.11	10.72	2.00	0.00	1.00	0.00
9.12	10.60	2.00	0.00	1.00	0.00	9.13	10.48	2.00	0.00	1.00	0.00
9.14	10.47	2.00	0.00	1.00	0.00	9.15	10.58	2.00	0.00	1.00	0.00
9.16	10.57	2.00	0.00	1.00	0.00	9.17	10.79	2.00	0.00	1.00	0.00
9.18	11.01	2.00	0.00	1.00	0.00	9.19	11.34	2.00	0.00	1.00	0.00
9.20	12.46	2.00	0.00	1.00	0.00	9.21	12.67	2.00	0.00	1.00	0.00
9.22	12.33	2.00	0.00	1.00	0.00	9.23	12.44	2.00	0.00	1.00	0.00
9.24	13.22	2.00	0.00	1.00	0.00	9.25	13.66	2.00	0.00	1.00	0.00
9.26	13.87	2.00	0.00	1.00	0.00	9.27	13.98	2.00	0.00	1.00	0.00
9.28	13.74	2.00	0.00	1.00	0.00	9.29	13.51	2.00	0.00	1.00	0.00
9.30	13.39	2.00	0.00	1.00	0.00	9.31	13.39	2.00	0.00	1.00	0.00
9.32	13.38	2.00	0.00	1.00	0.00	9.33	12.93	2.00	0.00	1.00	0.00
9.34	12.59	2.00	0.00	1.00	0.00	9.35	12.36	2.00	0.00	1.00	0.00
9.36	12.35	2.00	0.00	1.00	0.00	9.37	12.23	2.00	0.00	1.00	0.00
9.38	12.23	2.00	0.00	1.00	0.00	9.39	12.33	2.00	0.00	1.00	0.00
9.40	12.66	2.00	0.00	1.00	0.00	9.41	12.65	2.00	0.00	1.00	0.00
9.42	12.75	2.00	0.00	1.00	0.00	9.43	12.64	2.00	0.00	1.00	0.00
9.44	12.52	2.00	0.00	1.00	0.00	9.45	12.40	2.00	0.00	1.00	0.00
9.46	12.28	2.00	0.00	1.00	0.00	9.47	12.17	2.00	0.00	1.00	0.00
9.48	11.94	2.00	0.00	1.00	0.00	9.49	11.82	2.00	0.00	1.00	0.00
9.50	12.04	2.00	0.00	1.00	0.00	9.51	12.25	2.00	0.00	1.00	0.00
9.52	12.80	2.00	0.00	1.00	0.00	9.53	12.90	2.00	0.00	1.00	0.00
9.54	12.90	2.00	0.00	1.00	0.00	9.55	13.11	2.00	0.00	1.00	0.00
9.56	13.21	2.00	0.00	1.00	0.00	9.57	13.21	2.00	0.00	1.00	0.00
9.58	13.09	2.00	0.00	1.00	0.00	9.59	12.86	2.00	0.00	1.00	0.00
9.60	12.86	2.00	0.00	1.00	0.00	9.61	12.74	2.00	0.00	1.00	0.00
9.62	12.62	2.00	0.00	1.00	0.00	9.63	12.51	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.39	2.00	0.00	1.00	0.00	9.65	12.49	2.00	0.00	1.00	0.00
9.66	12.49	2.00	0.00	1.00	0.00	9.67	12.59	2.00	0.00	1.00	0.00
9.68	12.58	2.00	0.00	1.00	0.00	9.69	12.47	2.00	0.00	1.00	0.00
9.70	12.46	2.00	0.00	1.00	0.00	9.71	12.45	2.00	0.00	1.00	0.00
9.72	12.66	2.00	0.00	1.00	0.00	9.73	12.77	2.00	0.00	1.00	0.00
9.74	12.87	2.00	0.00	1.00	0.00	9.75	12.75	2.00	0.00	1.00	0.00
9.76	12.85	2.00	0.00	1.00	0.00	9.77	12.74	2.00	0.00	1.00	0.00
9.78	12.62	2.00	0.00	1.00	0.00	9.79	12.40	2.00	0.00	1.00	0.00
9.80	12.28	2.00	0.00	1.00	0.00	9.81	12.17	2.00	0.00	1.00	0.00
9.82	12.27	2.00	0.00	1.00	0.00	9.83	12.26	2.00	0.00	1.00	0.00
9.84	12.15	2.00	0.00	1.00	0.00	9.85	11.92	2.00	0.00	1.00	0.00
9.86	11.92	2.00	0.00	1.00	0.00	9.87	11.80	2.00	0.00	1.00	0.00
9.88	11.91	2.00	0.00	1.00	0.00	9.89	11.90	2.00	0.00	1.00	0.00
9.90	11.89	2.00	0.00	1.00	0.00	9.91	11.89	2.00	0.00	1.00	0.00
9.92	11.45	2.00	0.00	1.00	0.00	9.93	11.66	2.00	0.00	1.00	0.00
9.94	11.87	2.00	0.00	1.00	0.00	9.95	12.08	2.00	0.00	1.00	0.00
9.96	12.18	2.00	0.00	1.00	0.00	9.97	12.28	2.00	0.00	1.00	0.00
9.98	12.60	2.00	0.00	1.00	0.00	9.99	12.81	2.00	0.00	1.00	0.00
10.00	12.91	2.00	0.00	1.00	0.00	10.01	13.12	2.00	0.00	1.00	0.00
10.02	13.11	2.00	0.00	1.00	0.00	10.03	13.21	2.00	0.00	1.00	0.00
10.04	13.31	2.00	0.00	1.00	0.00	10.05	13.84	2.00	0.00	1.00	0.00
10.06	13.83	2.00	0.00	1.00	0.00	10.07	13.93	2.00	0.00	1.00	0.00
10.08	13.71	2.00	0.00	1.00	0.00	10.09	13.81	2.00	0.00	1.00	0.00
10.10	13.91	2.00	0.00	1.00	0.00	10.11	14.22	2.00	0.00	1.00	0.00
10.12	14.32	2.00	0.00	1.00	0.00	10.13	14.10	2.00	0.00	1.00	0.00
10.14	13.99	2.00	0.00	1.00	0.00	10.15	14.30	2.00	0.00	1.00	0.00
10.16	14.61	2.00	0.00	1.00	0.00	10.17	14.60	2.00	0.00	1.00	0.00
10.18	14.92	2.00	0.00	1.00	0.00	10.19	15.01	2.00	0.00	1.00	0.00
10.20	15.22	2.00	0.00	1.00	0.00	10.21	15.00	2.00	0.00	1.00	0.00
10.22	14.89	2.00	0.00	1.00	0.00	10.23	14.66	2.00	0.00	1.00	0.00
10.24	14.87	2.00	0.00	1.00	0.00	10.25	13.91	2.00	0.00	1.00	0.00
10.26	13.58	2.00	0.00	1.00	0.00	10.27	13.47	2.00	0.00	1.00	0.00
10.28	13.46	2.00	0.00	1.00	0.00	10.29	13.24	2.00	0.00	1.00	0.00
10.30	12.92	2.00	0.00	1.00	0.00	10.31	12.80	2.00	0.00	1.00	0.00
10.32	12.80	2.00	0.00	1.00	0.00	10.33	12.68	2.00	0.00	1.00	0.00
10.34	12.57	2.00	0.00	1.00	0.00	10.35	12.25	2.00	0.00	1.00	0.00
10.36	11.92	2.00	0.00	1.00	0.00	10.37	11.70	2.00	0.00	1.00	0.00
10.38	11.28	2.00	0.00	1.00	0.00	10.39	11.06	2.00	0.00	1.00	0.00
10.40	11.16	2.00	0.00	1.00	0.00	10.41	11.05	2.00	0.00	1.00	0.00
10.42	10.93	2.00	0.00	1.00	0.00	10.43	10.82	2.00	0.00	1.00	0.00
10.44	10.82	2.00	0.00	1.00	0.00	10.45	10.71	2.00	0.00	1.00	0.00
10.46	10.81	2.00	0.00	1.00	0.00	10.47	10.91	2.00	0.00	1.00	0.00
10.48	11.11	2.00	0.00	1.00	0.00	10.49	11.21	2.00	0.00	1.00	0.00
10.50	11.21	2.00	0.00	1.00	0.00	10.51	11.30	2.00	0.00	1.00	0.00
10.52	11.51	2.00	0.00	1.00	0.00	10.53	11.71	2.00	0.00	1.00	0.00
10.54	11.81	2.00	0.00	1.00	0.00	10.55	12.12	2.00	0.00	1.00	0.00
10.56	12.33	2.00	0.00	1.00	0.00	10.57	12.53	2.00	0.00	1.00	0.00
10.58	12.73	2.00	0.00	1.00	0.00	10.59	12.83	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	12.82	2.00	0.00	1.00	0.00	10.61	12.82	2.00	0.00	1.00	0.00
10.62	12.81	2.00	0.00	1.00	0.00	10.63	12.91	2.00	0.00	1.00	0.00
10.64	12.90	2.00	0.00	1.00	0.00	10.65	12.79	2.00	0.00	1.00	0.00
10.66	12.68	2.00	0.00	1.00	0.00	10.67	12.47	2.00	0.00	1.00	0.00
10.68	12.15	2.00	0.00	1.00	0.00	10.69	12.04	2.00	0.00	1.00	0.00
10.70	11.93	2.00	0.00	1.00	0.00	10.71	11.92	2.00	0.00	1.00	0.00
10.72	11.81	2.00	0.00	1.00	0.00	10.73	11.81	2.00	0.00	1.00	0.00
10.74	11.28	2.00	0.00	1.00	0.00	10.75	11.07	2.00	0.00	1.00	0.00
10.76	11.06	2.00	0.00	1.00	0.00	10.77	10.95	2.00	0.00	1.00	0.00
10.78	10.84	2.00	0.00	1.00	0.00	10.79	10.73	2.00	0.00	1.00	0.00
10.80	10.62	2.00	0.00	1.00	0.00	10.81	10.62	2.00	0.00	1.00	0.00
10.82	10.51	2.00	0.00	1.00	0.00	10.83	10.50	2.00	0.00	1.00	0.00
10.84	10.50	2.00	0.00	1.00	0.00	10.85	10.39	2.00	0.00	1.00	0.00
10.86	10.39	2.00	0.00	1.00	0.00	10.87	10.38	2.00	0.00	1.00	0.00
10.88	10.38	2.00	0.00	1.00	0.00	10.89	10.37	2.00	0.00	1.00	0.00
10.90	10.37	2.00	0.00	1.00	0.00	10.91	10.36	2.00	0.00	1.00	0.00
10.92	10.87	2.00	0.00	1.00	0.00	10.93	10.97	2.00	0.00	1.00	0.00
10.94	10.97	2.00	0.00	1.00	0.00	10.95	11.06	2.00	0.00	1.00	0.00
10.96	11.06	2.00	0.00	1.00	0.00	10.97	11.16	2.00	0.00	1.00	0.00
10.98	11.25	2.00	0.00	1.00	0.00	10.99	11.35	2.00	0.00	1.00	0.00
11.00	11.24	2.00	0.00	1.00	0.00	11.01	11.14	2.00	0.00	1.00	0.00
11.02	11.03	2.00	0.00	1.00	0.00	11.03	10.92	2.00	0.00	1.00	0.00
11.04	10.92	2.00	0.00	1.00	0.00	11.05	10.70	2.00	0.00	1.00	0.00
11.06	10.60	2.00	0.00	1.00	0.00	11.07	10.28	2.00	0.00	1.00	0.00
11.08	10.18	2.00	0.00	1.00	0.00	11.09	10.17	2.00	0.00	1.00	0.00
11.10	10.27	2.00	0.00	1.00	0.00	11.11	10.27	2.00	0.00	1.00	0.00
11.12	10.26	2.00	0.00	1.00	0.00	11.13	10.15	2.00	0.00	1.00	0.00
11.14	10.15	2.00	0.00	1.00	0.00	11.15	10.35	2.00	0.00	1.00	0.00
11.16	10.75	2.00	0.00	1.00	0.00	11.17	10.85	2.00	0.00	1.00	0.00
11.18	11.15	2.00	0.00	1.00	0.00	11.19	11.45	2.00	0.00	1.00	0.00
11.20	12.16	2.00	0.00	1.00	0.00	11.21	12.26	2.00	0.00	1.00	0.00
11.22	12.46	2.00	0.00	1.00	0.00	11.23	12.25	2.00	0.00	1.00	0.00
11.24	12.24	2.00	0.00	1.00	0.00	11.25	12.54	2.00	0.00	1.00	0.00
11.26	12.84	2.00	0.00	1.00	0.00	11.27	13.75	2.00	0.00	1.00	0.00
11.28	14.36	2.00	0.00	1.00	0.00	11.29	15.98	2.00	0.00	1.00	0.00
11.30	16.98	2.00	0.00	1.00	0.00	11.31	18.29	2.00	0.00	1.00	0.00
11.32	19.50	2.00	0.00	1.00	0.00	11.33	21.21	2.00	0.00	1.00	0.00
11.34	21.51	2.00	0.00	1.00	0.00	11.35	21.60	2.00	0.00	1.00	0.00
11.36	21.99	2.00	0.00	1.00	0.00	11.37	22.38	2.00	0.00	1.00	0.00
11.38	22.88	2.00	0.00	1.00	0.00	11.39	23.98	2.00	0.00	1.00	0.00
11.40	24.57	2.00	0.00	1.00	0.00	11.41	24.96	2.00	0.00	1.00	0.00
11.42	25.35	2.00	0.00	1.00	0.00	11.43	25.04	2.00	0.00	1.00	0.00
11.44	24.32	2.00	0.00	1.00	0.00	11.45	22.90	2.00	0.00	1.00	0.00
11.46	22.29	2.00	0.00	1.00	0.00	11.47	21.27	2.00	0.00	1.00	0.00
11.48	19.96	2.00	0.00	1.00	0.00	11.49	19.34	2.00	0.00	1.00	0.00
11.50	19.13	2.00	0.00	1.00	0.00	11.51	20.63	2.00	0.00	1.00	0.00
11.52	21.73	2.00	0.00	1.00	0.00	11.53	23.12	2.00	0.00	1.00	0.00
11.54	24.51	2.00	0.00	1.00	0.00	11.55	25.60	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	25.39	2.00	0.00	1.00	0.00	11.57	22.08	2.00	0.00	1.00	0.00
11.58	19.76	2.00	0.00	1.00	0.00	11.59	18.25	2.00	0.00	1.00	0.00
11.60	17.74	2.00	0.00	1.00	0.00	11.61	17.24	2.00	0.00	1.00	0.00
11.62	16.93	2.00	0.00	1.00	0.00	11.63	16.62	2.00	0.00	1.00	0.00
11.64	16.11	2.00	0.00	1.00	0.00	11.65	15.61	2.00	0.00	1.00	0.00
11.66	15.20	2.00	0.00	1.00	0.00	11.67	14.59	2.00	0.00	1.00	0.00
11.68	14.19	2.00	0.00	1.00	0.00	11.69	13.78	2.00	0.00	1.00	0.00
11.70	13.28	2.00	0.00	1.00	0.00	11.71	13.27	2.00	0.00	1.00	0.00
11.72	13.07	2.00	0.00	1.00	0.00	11.73	12.56	2.00	0.00	1.00	0.00
11.74	12.36	2.00	0.00	1.00	0.00	11.75	12.15	2.00	0.00	1.00	0.00
11.76	11.95	2.00	0.00	1.00	0.00	11.77	11.75	2.00	0.00	1.00	0.00
11.78	11.64	2.00	0.00	1.00	0.00	11.79	11.34	2.00	0.00	1.00	0.00
11.80	11.43	2.00	0.00	1.00	0.00	11.81	11.43	2.00	0.00	1.00	0.00
11.82	11.52	2.00	0.00	1.00	0.00	11.83	11.52	2.00	0.00	1.00	0.00
11.84	11.61	2.00	0.00	1.00	0.00	11.85	11.71	2.00	0.00	1.00	0.00
11.86	11.80	2.00	0.00	1.00	0.00	11.87	11.90	2.00	0.00	1.00	0.00
11.88	11.99	2.00	0.00	1.00	0.00	11.89	12.08	2.00	0.00	1.00	0.00
11.90	12.08	2.00	0.00	1.00	0.00	11.91	12.07	2.00	0.00	1.00	0.00
11.92	12.46	2.00	0.00	1.00	0.00	11.93	12.86	2.00	0.00	1.00	0.00
11.94	13.15	2.00	0.00	1.00	0.00	11.95	13.44	2.00	0.00	1.00	0.00
11.96	13.53	2.00	0.00	1.00	0.00	11.97	13.53	2.00	0.00	1.00	0.00
11.98	13.52	2.00	0.00	1.00	0.00	11.99	13.51	2.00	0.00	1.00	0.00
12.00	13.71	2.00	0.00	1.00	0.00	12.01	13.70	2.00	0.00	1.00	0.00
12.02	13.60	2.00	0.00	1.00	0.00	12.03	13.59	2.00	0.00	1.00	0.00
12.04	13.48	2.00	0.00	1.00	0.00	12.05	13.87	2.00	0.00	1.00	0.00
12.06	13.67	2.00	0.00	1.00	0.00	12.07	13.07	2.00	0.00	1.00	0.00
12.08	13.07	2.00	0.00	1.00	0.00	12.09	12.96	2.00	0.00	1.00	0.00
12.10	12.86	2.00	0.00	1.00	0.00	12.11	12.66	2.00	0.00	1.00	0.00
12.12	12.46	2.00	0.00	1.00	0.00	12.13	12.16	2.00	0.00	1.00	0.00
12.14	12.05	2.00	0.00	1.00	0.00	12.15	11.65	2.00	0.00	1.00	0.00
12.16	11.45	2.00	0.00	1.00	0.00	12.17	11.06	2.00	0.00	1.00	0.00
12.18	10.37	2.00	0.00	1.00	0.00	12.19	10.17	2.00	0.00	1.00	0.00
12.20	10.06	2.00	0.00	1.00	0.00	12.21	9.86	2.00	0.00	1.00	0.00
12.22	9.76	2.00	0.00	1.00	0.00	12.23	9.86	2.00	0.00	1.00	0.00
12.24	9.95	2.00	0.00	1.00	0.00	12.25	10.53	2.00	0.00	1.00	0.00
12.26	10.82	2.00	0.00	1.00	0.00	12.27	11.59	2.00	0.00	1.00	0.00
12.28	11.88	2.00	0.00	1.00	0.00	12.29	11.97	2.00	0.00	1.00	0.00
12.30	12.16	2.00	0.00	1.00	0.00	12.31	11.96	2.00	0.00	1.00	0.00
12.32	11.57	2.00	0.00	1.00	0.00	12.33	10.69	2.00	0.00	1.00	0.00
12.34	10.39	2.00	0.00	1.00	0.00	12.35	10.29	2.00	0.00	1.00	0.00
12.36	9.71	2.00	0.00	1.00	0.00	12.37	9.51	2.00	0.00	1.00	0.00
12.38	9.31	2.00	0.00	1.00	0.00	12.39	9.31	2.00	0.00	1.00	0.00
12.40	9.30	2.00	0.00	1.00	0.00	12.41	9.20	2.00	0.00	1.00	0.00
12.42	8.81	2.00	0.00	1.00	0.00	12.43	8.71	2.00	0.00	1.00	0.00
12.44	8.61	2.00	0.00	1.00	0.00	12.45	8.71	2.00	0.00	1.00	0.00
12.46	8.70	2.00	0.00	1.00	0.00	12.47	8.70	2.00	0.00	1.00	0.00
12.48	8.89	2.00	0.00	1.00	0.00	12.49	8.98	2.00	0.00	1.00	0.00
12.50	9.08	2.00	0.00	1.00	0.00	12.51	9.17	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	9.36	2.00	0.00	1.00	0.00	12.53	9.36	2.00	0.00	1.00	0.00
12.54	9.64	2.00	0.00	1.00	0.00	12.55	9.74	2.00	0.00	1.00	0.00
12.56	9.83	2.00	0.00	1.00	0.00	12.57	9.83	2.00	0.00	1.00	0.00
12.58	9.92	2.00	0.00	1.00	0.00	12.59	10.20	2.00	0.00	1.00	0.00
12.60	10.49	2.00	0.00	1.00	0.00	12.61	10.68	2.00	0.00	1.00	0.00
12.62	10.77	2.00	0.00	1.00	0.00	12.63	10.77	2.00	0.00	1.00	0.00
12.64	11.05	2.00	0.00	1.00	0.00	12.65	11.24	2.00	0.00	1.00	0.00
12.66	11.52	2.00	0.00	1.00	0.00	12.67	11.90	2.00	0.00	1.00	0.00
12.68	12.09	2.00	0.00	1.00	0.00	12.69	12.37	2.00	0.00	1.00	0.00
12.70	12.56	2.00	0.00	1.00	0.00	12.71	12.85	2.00	0.00	1.00	0.00
12.72	13.03	2.00	0.00	1.00	0.00	12.73	13.03	2.00	0.00	1.00	0.00
12.74	13.12	2.00	0.00	1.00	0.00	12.75	13.02	2.00	0.00	1.00	0.00
12.76	13.01	2.00	0.00	1.00	0.00	12.77	12.91	2.00	0.00	1.00	0.00
12.78	12.91	2.00	0.00	1.00	0.00	12.79	12.90	2.00	0.00	1.00	0.00
12.80	12.99	2.00	0.00	1.00	0.00	12.81	13.08	2.00	0.00	1.00	0.00
12.82	12.98	2.00	0.00	1.00	0.00	12.83	12.88	2.00	0.00	1.00	0.00
12.84	12.97	2.00	0.00	1.00	0.00	12.85	13.16	2.00	0.00	1.00	0.00
12.86	13.34	2.00	0.00	1.00	0.00	12.87	13.53	2.00	0.00	1.00	0.00
12.88	13.90	2.00	0.00	1.00	0.00	12.89	13.61	2.00	0.00	1.00	0.00
12.90	13.61	2.00	0.00	1.00	0.00	12.91	13.60	2.00	0.00	1.00	0.00
12.92	13.21	2.00	0.00	1.00	0.00	12.93	13.40	2.00	0.00	1.00	0.00
12.94	13.58	2.00	0.00	1.00	0.00	12.95	13.77	2.00	0.00	1.00	0.00
12.96	13.95	2.00	0.00	1.00	0.00	12.97	14.14	2.00	0.00	1.00	0.00
12.98	14.70	2.00	0.00	1.00	0.00	12.99	14.89	2.00	0.00	1.00	0.00
13.00	15.07	2.00	0.00	1.00	0.00	13.01	15.45	2.00	0.00	1.00	0.00
13.02	15.63	2.00	0.00	1.00	0.00	13.03	15.72	2.00	0.00	1.00	0.00
13.04	15.81	2.00	0.00	1.00	0.00	13.05	16.08	2.00	0.00	1.00	0.00
13.06	16.27	2.00	0.00	1.00	0.00	13.07	16.36	2.00	0.00	1.00	0.00
13.08	16.25	2.00	0.00	1.00	0.00	13.09	16.44	2.00	0.00	1.00	0.00
13.10	16.53	2.00	0.00	1.00	0.00	13.11	16.61	2.00	0.00	1.00	0.00
13.12	16.61	2.00	0.00	1.00	0.00	13.13	16.50	2.00	0.00	1.00	0.00
13.14	16.78	2.00	0.00	1.00	0.00	13.15	16.87	2.00	0.00	1.00	0.00
13.16	17.15	2.00	0.00	1.00	0.00	13.17	17.33	2.00	0.00	1.00	0.00
13.18	17.51	2.00	0.00	1.00	0.00	13.19	17.60	2.00	0.00	1.00	0.00
13.20	17.59	2.00	0.00	1.00	0.00	13.21	17.68	2.00	0.00	1.00	0.00
13.22	17.76	2.00	0.00	1.00	0.00	13.23	17.85	2.00	0.00	1.00	0.00
13.24	17.84	2.00	0.00	1.00	0.00	13.25	17.74	2.00	0.00	1.00	0.00
13.26	17.54	2.00	0.00	1.00	0.00	13.27	17.44	2.00	0.00	1.00	0.00
13.28	17.44	2.00	0.00	1.00	0.00	13.29	17.15	2.00	0.00	1.00	0.00
13.30	17.04	2.00	0.00	1.00	0.00	13.31	16.75	2.00	0.00	1.00	0.00
13.32	16.75	2.00	0.00	1.00	0.00	13.33	16.55	2.00	0.00	1.00	0.00
13.34	16.73	2.00	0.00	1.00	0.00	13.35	16.72	2.00	0.00	1.00	0.00
13.36	16.72	2.00	0.00	1.00	0.00	13.37	16.71	2.00	0.00	1.00	0.00
13.38	16.80	2.00	0.00	1.00	0.00	13.39	16.70	2.00	0.00	1.00	0.00
13.40	16.50	2.00	0.00	1.00	0.00	13.41	16.40	2.00	0.00	1.00	0.00
13.42	16.39	2.00	0.00	1.00	0.00	13.43	16.48	2.00	0.00	1.00	0.00
13.44	16.38	2.00	0.00	1.00	0.00	13.45	16.37	2.00	0.00	1.00	0.00
13.46	16.27	2.00	0.00	1.00	0.00	13.47	16.08	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	16.07	2.00	0.00	1.00	0.00	13.49	16.16	2.00	0.00	1.00	0.00
13.50	16.06	2.00	0.00	1.00	0.00	13.51	16.05	2.00	0.00	1.00	0.00
13.52	15.95	2.00	0.00	1.00	0.00	13.53	15.85	2.00	0.00	1.00	0.00
13.54	15.56	2.00	0.00	1.00	0.00	13.55	15.37	2.00	0.00	1.00	0.00
13.56	14.71	2.00	0.00	1.00	0.00	13.57	14.43	2.00	0.00	1.00	0.00
13.58	14.14	2.00	0.00	1.00	0.00	13.59	13.86	2.00	0.00	1.00	0.00
13.60	13.57	2.00	0.00	1.00	0.00	13.61	13.29	2.00	0.00	1.00	0.00
13.62	12.82	2.00	0.00	1.00	0.00	13.63	12.63	2.00	0.00	1.00	0.00
13.64	12.53	2.00	0.00	1.00	0.00	13.65	12.25	2.00	0.00	1.00	0.00
13.66	12.15	2.00	0.00	1.00	0.00	13.67	11.87	2.00	0.00	1.00	0.00
13.68	11.77	2.00	0.00	1.00	0.00	13.69	11.67	2.00	0.00	1.00	0.00
13.70	11.57	2.00	0.00	1.00	0.00	13.71	11.48	2.00	0.00	1.00	0.00
13.72	11.47	2.00	0.00	1.00	0.00	13.73	11.38	2.00	0.00	1.00	0.00
13.74	11.19	2.00	0.00	1.00	0.00	13.75	11.09	2.00	0.00	1.00	0.00
13.76	10.99	2.00	0.00	1.00	0.00	13.77	10.90	2.00	0.00	1.00	0.00
13.78	10.89	2.00	0.00	1.00	0.00	13.79	10.98	2.00	0.00	1.00	0.00
13.80	11.16	2.00	0.00	1.00	0.00	13.81	11.15	2.00	0.00	1.00	0.00
13.82	11.06	2.00	0.00	1.00	0.00	13.83	10.96	2.00	0.00	1.00	0.00
13.84	10.50	2.00	0.00	1.00	0.00	13.85	10.40	2.00	0.00	1.00	0.00
13.86	10.40	2.00	0.00	1.00	0.00	13.87	10.39	2.00	0.00	1.00	0.00
13.88	10.30	2.00	0.00	1.00	0.00	13.89	10.02	2.00	0.00	1.00	0.00
13.90	10.02	2.00	0.00	1.00	0.00	13.91	10.01	2.00	0.00	1.00	0.00
13.92	9.73	2.00	0.00	1.00	0.00	13.93	10.00	2.00	0.00	1.00	0.00
13.94	10.00	2.00	0.00	1.00	0.00	13.95	10.09	2.00	0.00	1.00	0.00
13.96	10.36	2.00	0.00	1.00	0.00	13.97	10.63	2.00	0.00	1.00	0.00
13.98	10.90	2.00	0.00	1.00	0.00	13.99	11.35	2.00	0.00	1.00	0.00
14.00	11.62	2.00	0.00	1.00	0.00	14.01	12.62	2.00	0.00	1.00	0.00
14.02	12.98	2.00	0.00	1.00	0.00	14.03	13.07	2.00	0.00	1.00	0.00
14.04	13.15	2.00	0.00	1.00	0.00	14.05	13.24	2.00	0.00	1.00	0.00
14.06	13.78	2.00	0.00	1.00	0.00	14.07	13.87	2.00	0.00	1.00	0.00
14.08	13.86	2.00	0.00	1.00	0.00	14.09	13.86	2.00	0.00	1.00	0.00
14.10	13.49	2.00	0.00	1.00	0.00	14.11	13.30	2.00	0.00	1.00	0.00
14.12	13.39	2.00	0.00	1.00	0.00	14.13	13.48	2.00	0.00	1.00	0.00
14.14	13.84	2.00	0.00	1.00	0.00	14.15	13.92	2.00	0.00	1.00	0.00
14.16	14.01	2.00	0.00	1.00	0.00	14.17	14.28	2.00	0.00	1.00	0.00
14.18	14.36	2.00	0.00	1.00	0.00	14.19	14.54	2.00	0.00	1.00	0.00
14.20	14.53	2.00	0.00	1.00	0.00	14.21	14.53	2.00	0.00	1.00	0.00
14.22	14.34	2.00	0.00	1.00	0.00	14.23	14.15	2.00	0.00	1.00	0.00
14.24	13.96	2.00	0.00	1.00	0.00	14.25	13.68	2.00	0.00	1.00	0.00
14.26	13.59	2.00	0.00	1.00	0.00	14.27	13.58	2.00	0.00	1.00	0.00
14.28	13.49	2.00	0.00	1.00	0.00	14.29	13.39	2.00	0.00	1.00	0.00
14.30	13.39	2.00	0.00	1.00	0.00	14.31	13.38	2.00	0.00	1.00	0.00
14.32	13.38	2.00	0.00	1.00	0.00	14.33	14.00	2.00	0.00	1.00	0.00
14.34	14.00	2.00	0.00	1.00	0.00	14.35	14.08	2.00	0.00	1.00	0.00
14.36	14.17	2.00	0.00	1.00	0.00	14.37	14.16	2.00	0.00	1.00	0.00
14.38	14.16	2.00	0.00	1.00	0.00	14.39	14.33	2.00	0.00	1.00	0.00
14.40	14.51	2.00	0.00	1.00	0.00	14.41	14.68	2.00	0.00	1.00	0.00
14.42	14.95	2.00	0.00	1.00	0.00	14.43	15.21	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	15.12	2.00	0.00	1.00	0.00	14.45	15.02	2.00	0.00	1.00	0.00
14.46	15.10	2.00	0.00	1.00	0.00	14.47	15.10	2.00	0.00	1.00	0.00
14.48	15.09	2.00	0.00	1.00	0.00	14.49	15.09	2.00	0.00	1.00	0.00
14.50	14.99	2.00	0.00	1.00	0.00	14.51	14.89	2.00	0.00	1.00	0.00
14.52	14.80	2.00	0.00	1.00	0.00	14.53	14.97	2.00	0.00	1.00	0.00
14.54	15.06	2.00	0.00	1.00	0.00	14.55	15.05	2.00	0.00	1.00	0.00
14.56	15.13	2.00	0.00	1.00	0.00	14.57	15.31	2.00	0.00	1.00	0.00
14.58	15.30	2.00	0.00	1.00	0.00	14.59	15.30	2.00	0.00	1.00	0.00
14.60	15.11	2.00	0.00	1.00	0.00	14.61	15.46	2.00	0.00	1.00	0.00
14.62	15.64	2.00	0.00	1.00	0.00	14.63	15.54	2.00	0.00	1.00	0.00
14.64	15.62	2.00	0.00	1.00	0.00	14.65	15.62	2.00	0.00	1.00	0.00
14.66	15.61	2.00	0.00	1.00	0.00	14.67	15.70	2.00	0.00	1.00	0.00
14.68	15.60	2.00	0.00	1.00	0.00	14.69	15.59	2.00	0.00	1.00	0.00
14.70	15.59	2.00	0.00	1.00	0.00	14.71	15.67	2.00	0.00	1.00	0.00
14.72	15.75	2.00	0.00	1.00	0.00	14.73	15.93	2.00	0.00	1.00	0.00
14.74	16.01	2.00	0.00	1.00	0.00	14.75	16.09	2.00	0.00	1.00	0.00
14.76	16.09	2.00	0.00	1.00	0.00	14.77	16.26	2.00	0.00	1.00	0.00
14.78	16.43	2.00	0.00	1.00	0.00	14.79	16.78	2.00	0.00	1.00	0.00
14.80	17.04	2.00	0.00	1.00	0.00	14.81	17.22	2.00	0.00	1.00	0.00
14.82	17.39	2.00	0.00	1.00	0.00	14.83	17.74	2.00	0.00	1.00	0.00
14.84	17.64	2.00	0.00	1.00	0.00	14.85	17.63	2.00	0.00	1.00	0.00
14.86	17.72	2.00	0.00	1.00	0.00	14.87	18.16	2.00	0.00	1.00	0.00
14.88	17.97	2.00	0.00	1.00	0.00	14.89	17.79	2.00	0.00	1.00	0.00
14.90	17.78	2.00	0.00	1.00	0.00	14.91	17.77	2.00	0.00	1.00	0.00
14.92	16.88	2.00	0.00	1.00	0.00	14.93	17.76	2.00	0.00	1.00	0.00
14.94	17.66	2.00	0.00	1.00	0.00	14.95	17.66	2.00	0.00	1.00	0.00
14.96	17.38	2.00	0.00	1.00	0.00	14.97	17.02	2.00	0.00	1.00	0.00
14.98	16.66	2.00	0.00	1.00	0.00	14.99	16.38	2.00	0.00	1.00	0.00
15.00	15.67	2.00	0.00	1.00	0.00	15.01	14.95	2.00	0.00	1.00	0.00
15.02	14.51	2.00	0.00	1.00	0.00	15.03	14.15	2.00	0.00	1.00	0.00
15.04	13.70	2.00	0.00	1.00	0.00	15.05	12.46	2.00	0.00	1.00	0.00
15.06	12.10	2.00	0.00	1.00	0.00	15.07	11.84	2.00	0.00	1.00	0.00
15.08	11.57	2.00	0.00	1.00	0.00	15.09	10.95	2.00	0.00	1.00	0.00
15.10	10.77	2.00	0.00	1.00	0.00	15.11	10.68	2.00	0.00	1.00	0.00
15.12	10.50	2.00	0.00	1.00	0.00	15.13	10.41	2.00	0.00	1.00	0.00
15.14	10.49	2.00	0.00	1.00	0.00	15.15	10.57	2.00	0.00	1.00	0.00
15.16	10.57	2.00	0.00	1.00	0.00	15.17	10.65	2.00	0.00	1.00	0.00
15.18	10.82	2.00	0.00	1.00	0.00	15.19	11.26	2.00	0.00	1.00	0.00
15.20	11.78	2.00	0.00	1.00	0.00	15.21	12.21	2.00	0.00	1.00	0.00
15.22	12.91	2.00	0.00	1.00	0.00	15.23	13.07	2.00	0.00	1.00	0.00
15.24	13.24	2.00	0.00	1.00	0.00	15.25	13.50	2.00	0.00	1.00	0.00
15.26	13.67	2.00	0.00	1.00	0.00	15.27	13.84	2.00	0.00	1.00	0.00
15.28	14.01	2.00	0.00	1.00	0.00	15.29	14.18	2.00	0.00	1.00	0.00
15.30	14.35	2.00	0.00	1.00	0.00	15.31	14.44	2.00	0.00	1.00	0.00
15.32	14.61	2.00	0.00	1.00	0.00	15.33	14.69	2.00	0.00	1.00	0.00
15.34	14.42	2.00	0.00	1.00	0.00	15.35	14.24	2.00	0.00	1.00	0.00
15.36	14.24	2.00	0.00	1.00	0.00	15.37	14.49	2.00	0.00	1.00	0.00
15.38	15.19	2.00	0.00	1.00	0.00	15.39	15.09	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

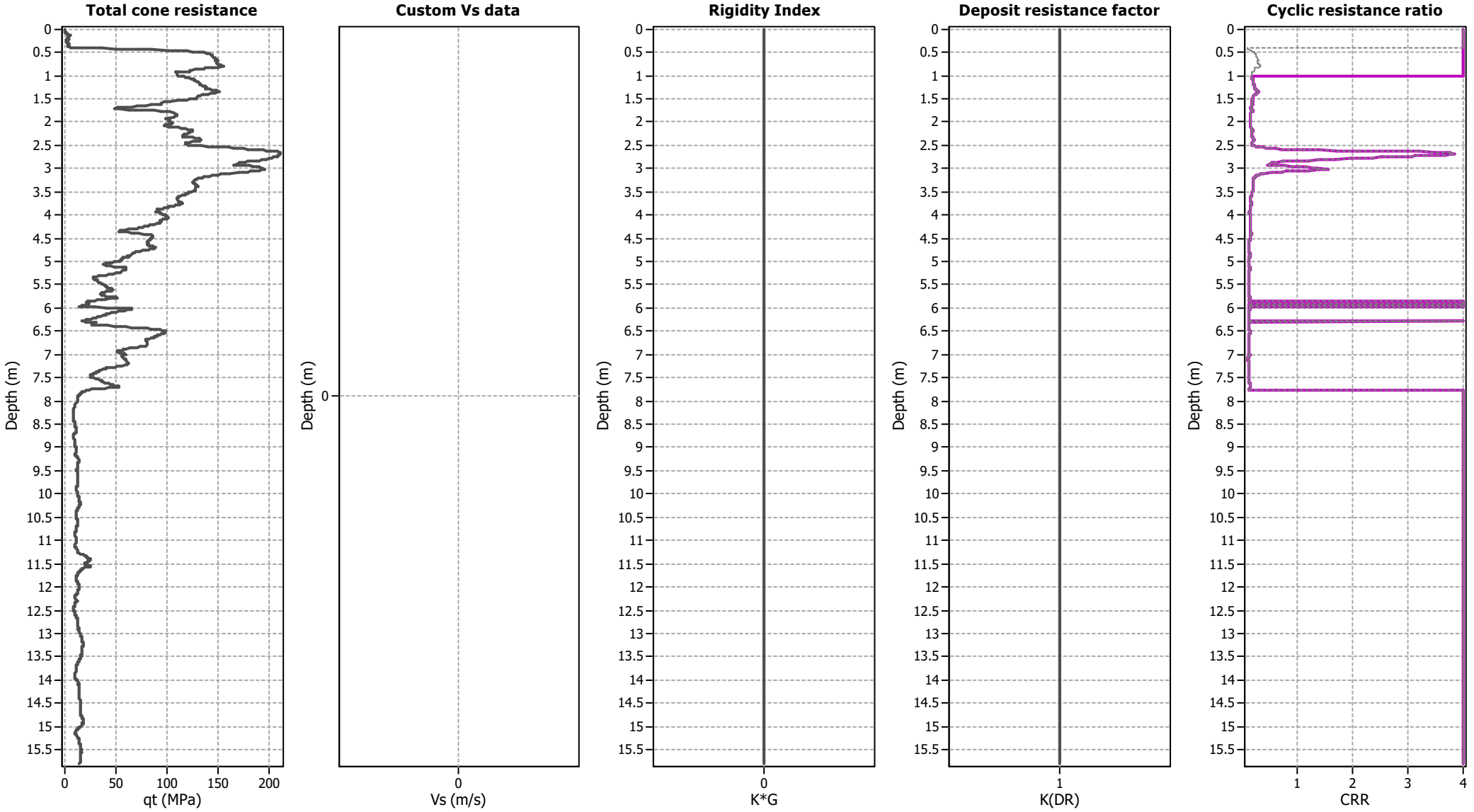
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	14.91	2.00	0.00	1.00	0.00	15.41	14.91	2.00	0.00	1.00	0.00
15.42	15.25	2.00	0.00	1.00	0.00	15.43	15.33	2.00	0.00	1.00	0.00
15.44	15.59	2.00	0.00	1.00	0.00	15.45	16.02	2.00	0.00	1.00	0.00
15.46	16.01	2.00	0.00	1.00	0.00	15.47	16.01	2.00	0.00	1.00	0.00
15.48	16.00	2.00	0.00	1.00	0.00	15.49	16.08	2.00	0.00	1.00	0.00
15.50	16.25	2.00	0.00	1.00	0.00	15.51	16.25	2.00	0.00	1.00	0.00
15.52	15.98	2.00	0.00	1.00	0.00	15.53	15.71	2.00	0.00	1.00	0.00
15.54	15.97	2.00	0.00	1.00	0.00	15.55	16.13	2.00	0.00	1.00	0.00
15.56	16.22	2.00	0.00	1.00	0.00	15.57	16.21	2.00	0.00	1.00	0.00
15.58	16.12	2.00	0.00	1.00	0.00	15.59	16.02	2.00	0.00	1.00	0.00
15.60	15.93	2.00	0.00	1.00	0.00	15.61	15.92	2.00	0.00	1.00	0.00
15.62	15.83	2.00	0.00	1.00	0.00	15.63	15.74	2.00	0.00	1.00	0.00
15.64	15.82	2.00	0.00	1.00	0.00	15.65	15.81	2.00	0.00	1.00	0.00
15.66	15.81	2.00	0.00	1.00	0.00	15.67	15.63	2.00	0.00	1.00	0.00
15.68	15.45	2.00	0.00	1.00	0.00	15.69	15.27	2.00	0.00	1.00	0.00
15.70	15.09	2.00	0.00	1.00	0.00	15.71	15.17	2.00	0.00	1.00	0.00
15.72	15.17	2.00	0.00	1.00	0.00	15.73	15.16	2.00	0.00	1.00	0.00
15.74	15.07	2.00	0.00	1.00	0.00	15.75	15.15	2.00	0.00	1.00	0.00
15.76	15.23	2.00	0.00	1.00	0.00	15.77	15.22	2.00	0.00	1.00	0.00
15.78	14.96	2.00	0.00	1.00	0.00	15.79	14.69	2.00	0.00	1.00	0.00
15.80	14.52	2.00	0.00	1.00	0.00						

Total estimated settlement: 17.56

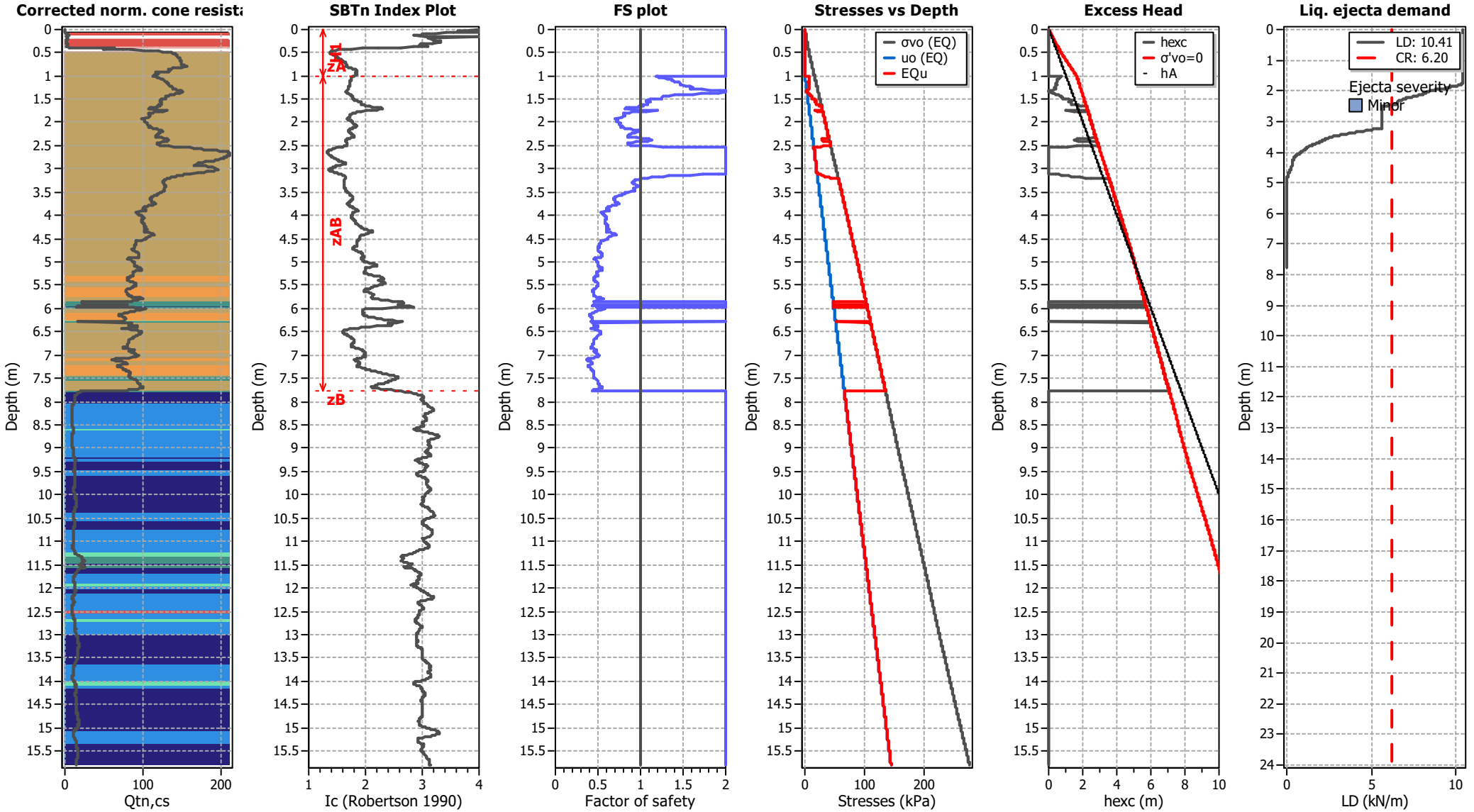
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



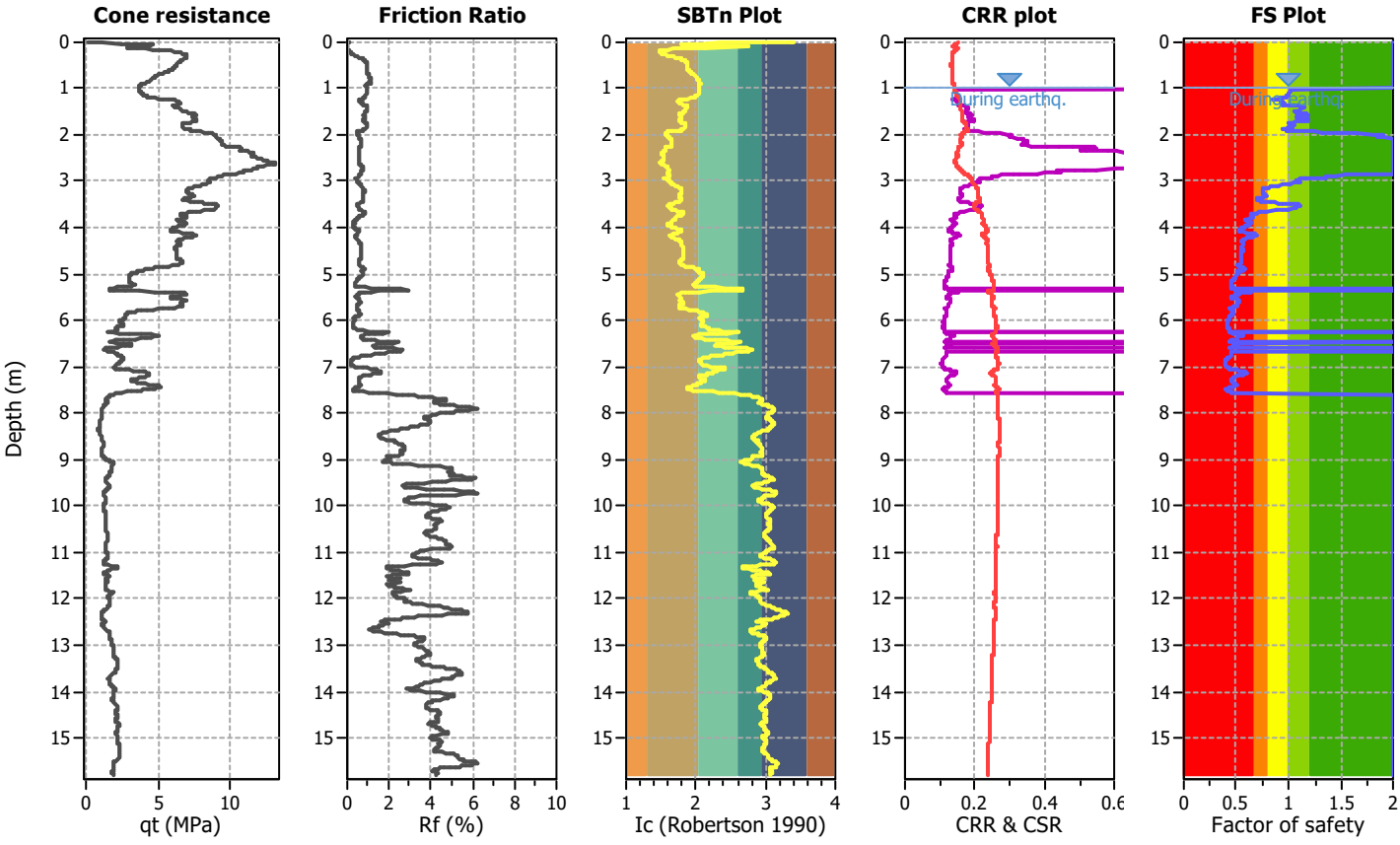
LIQUEFACTION ANALYSIS REPORT

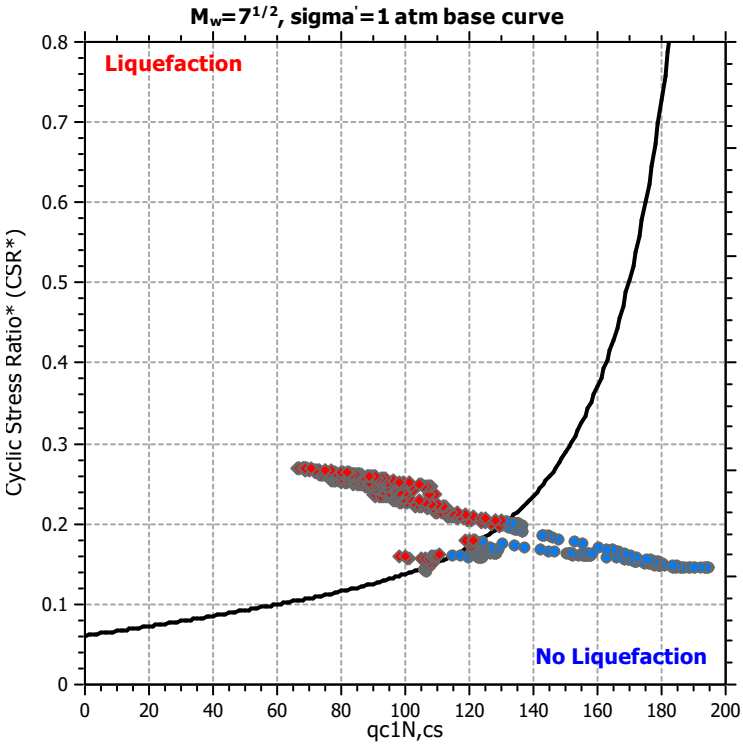
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

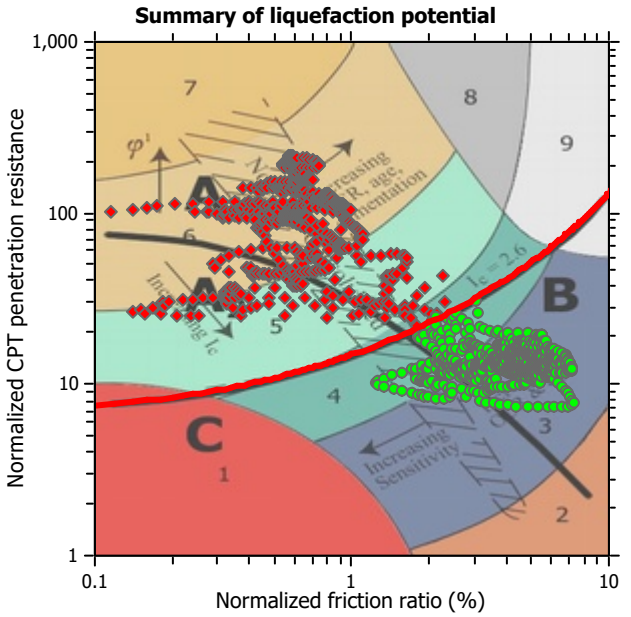
CPT file : 040008P998CPTU999

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

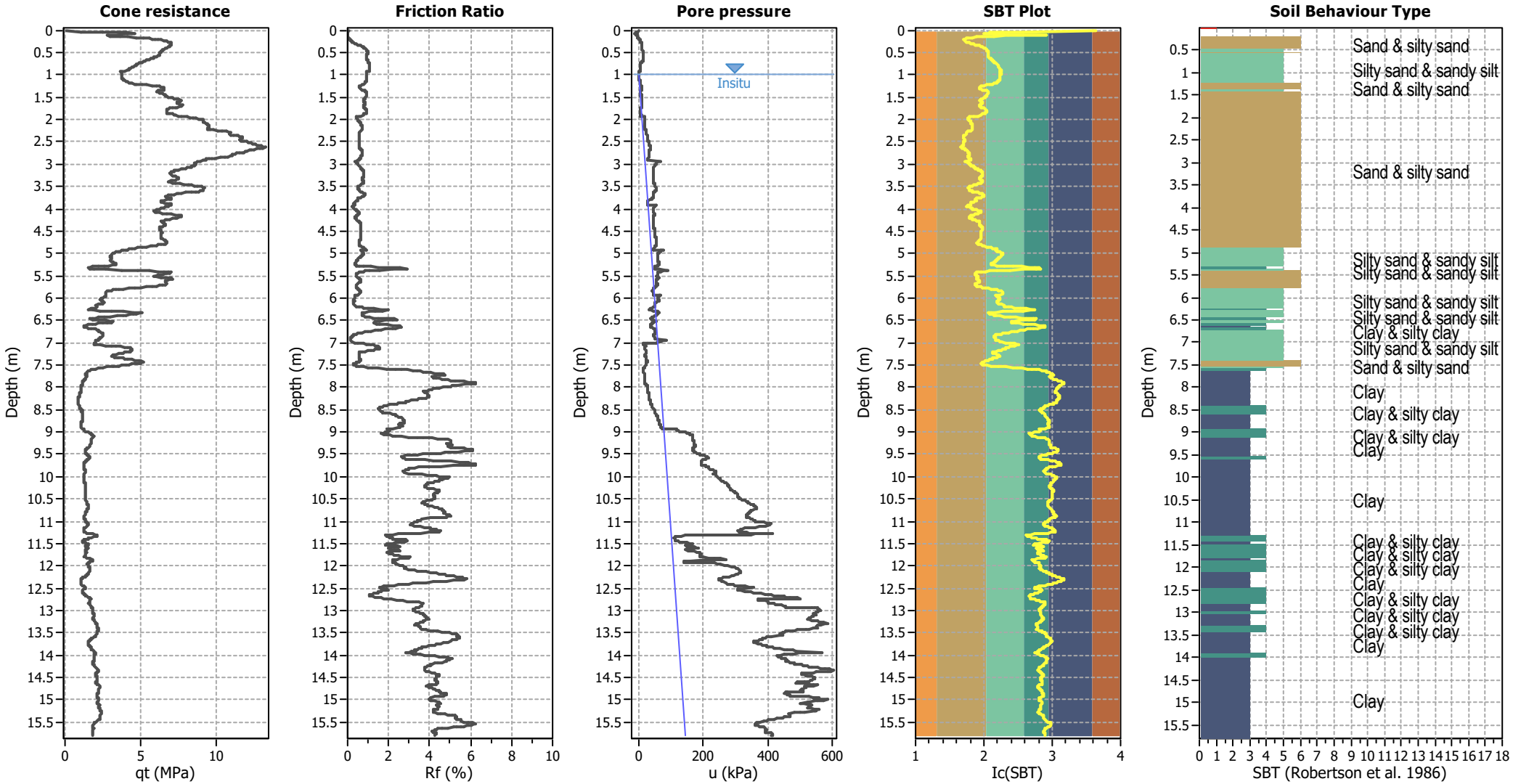






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



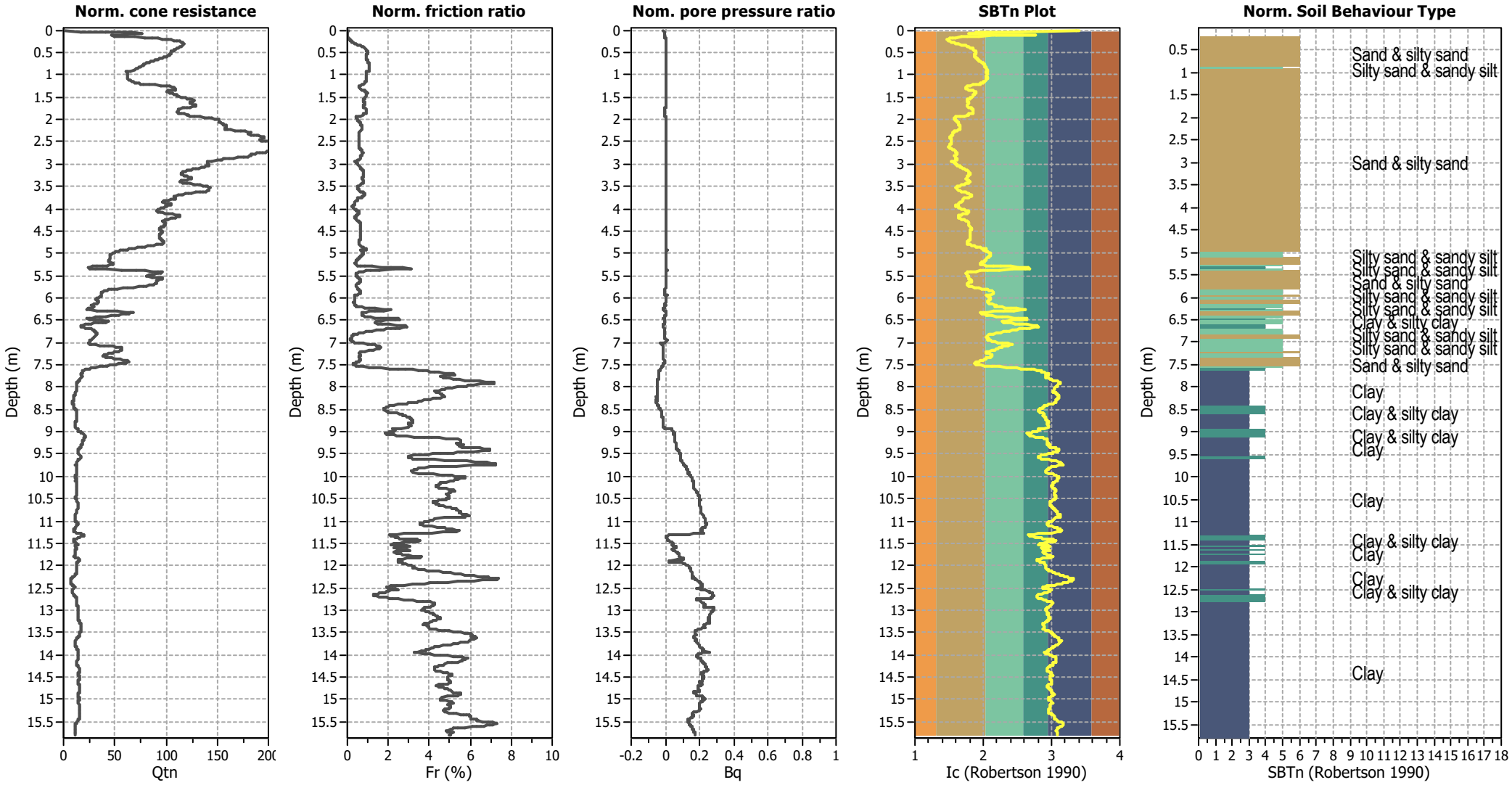
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



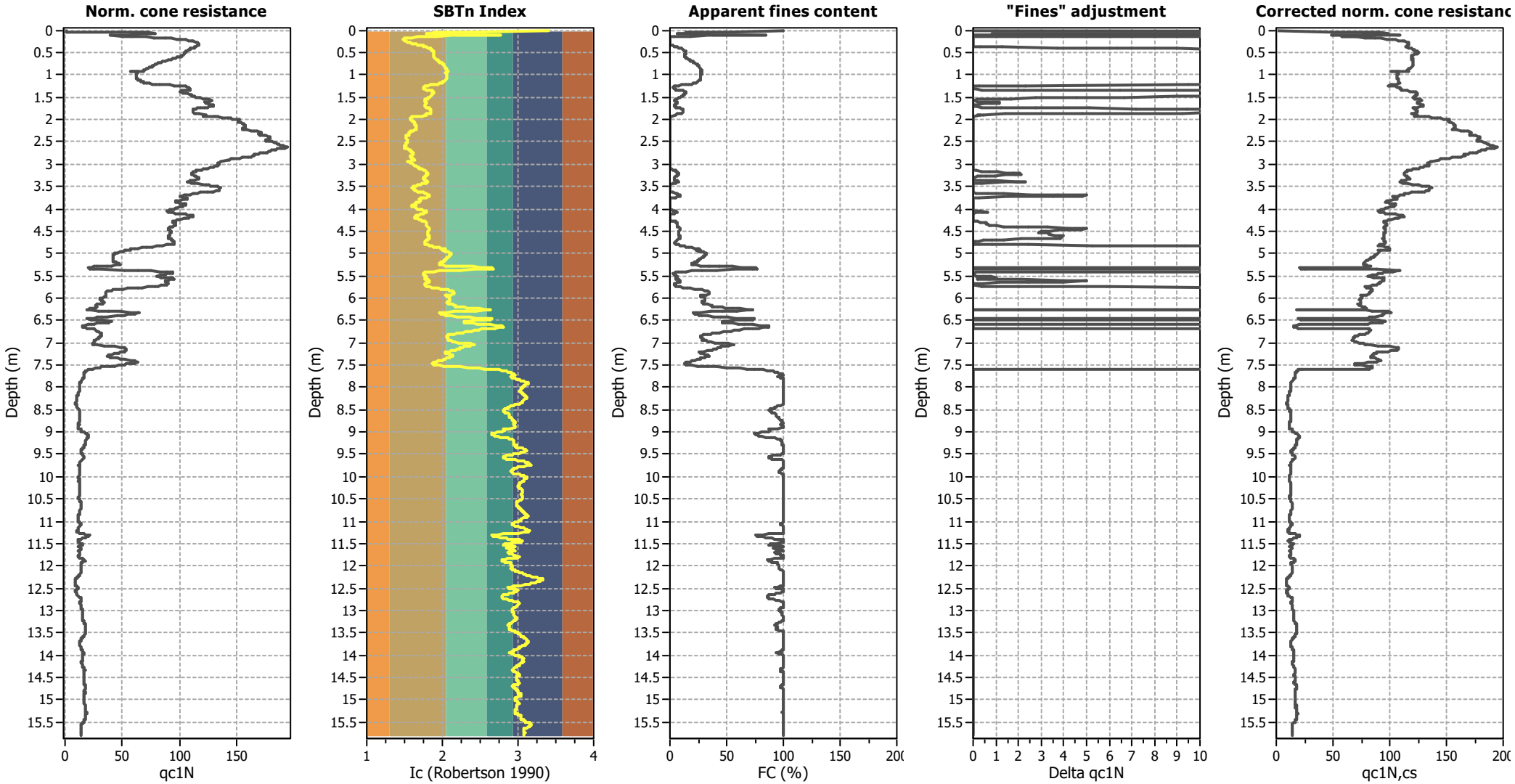
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

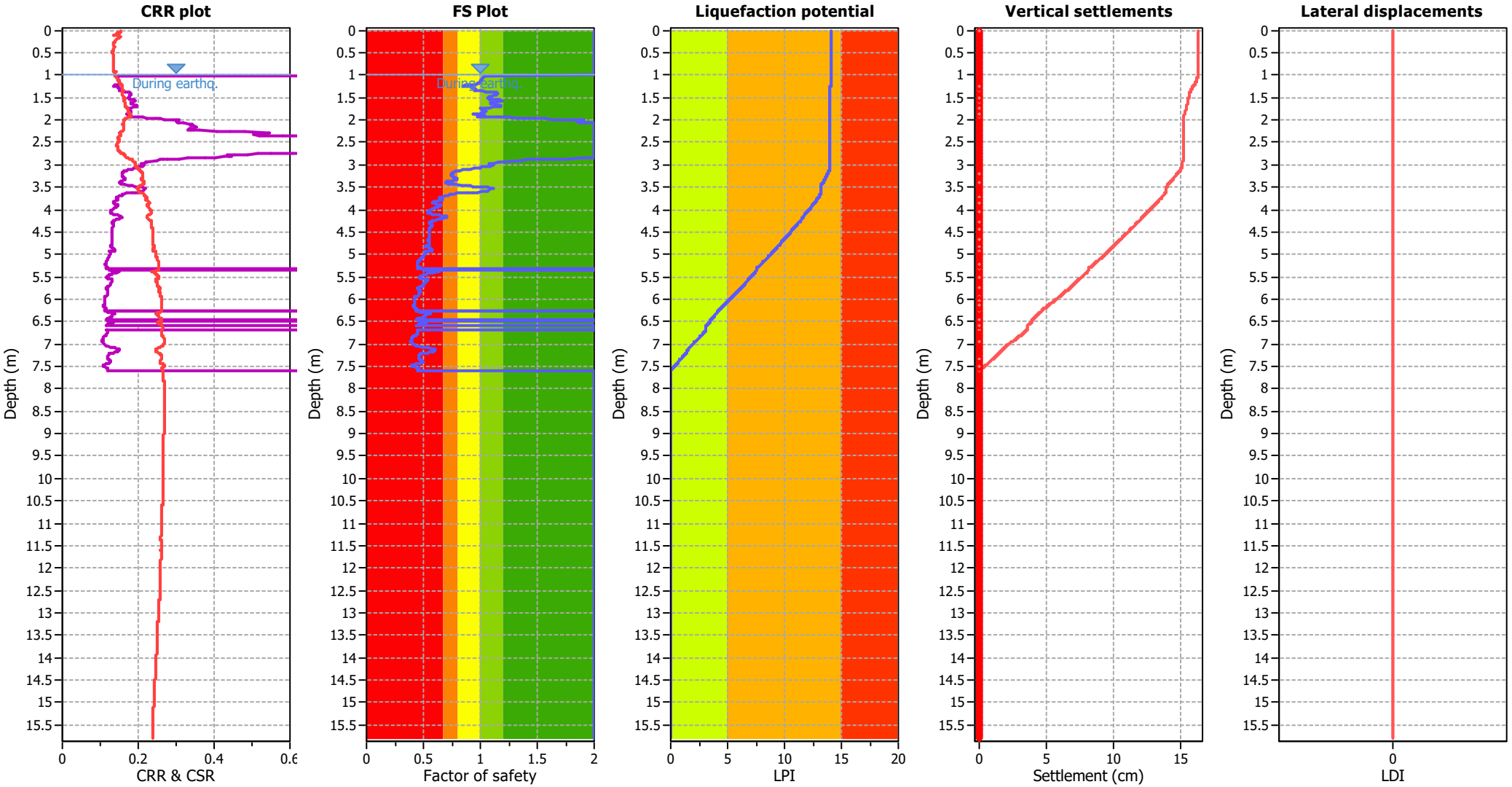
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

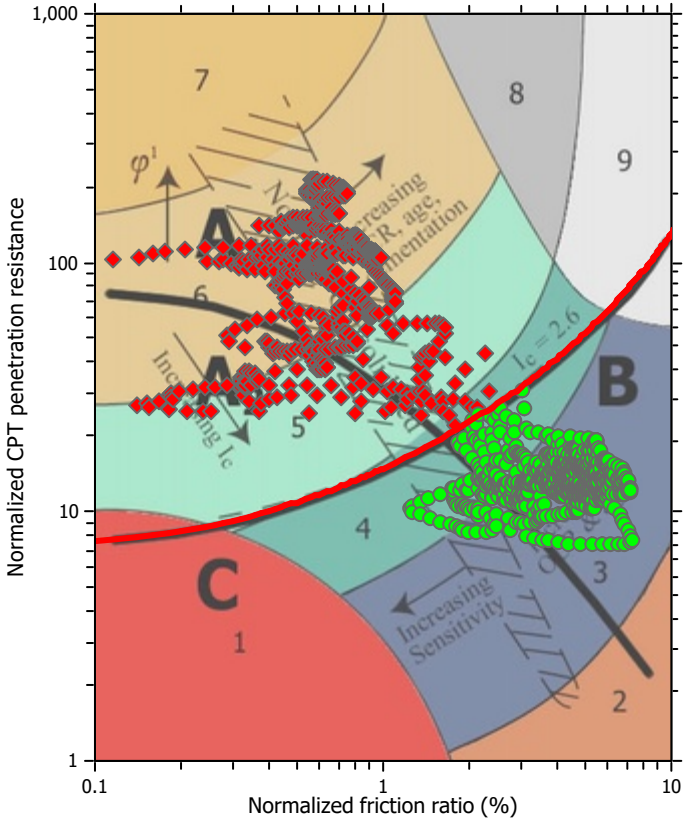
F.S. color scheme

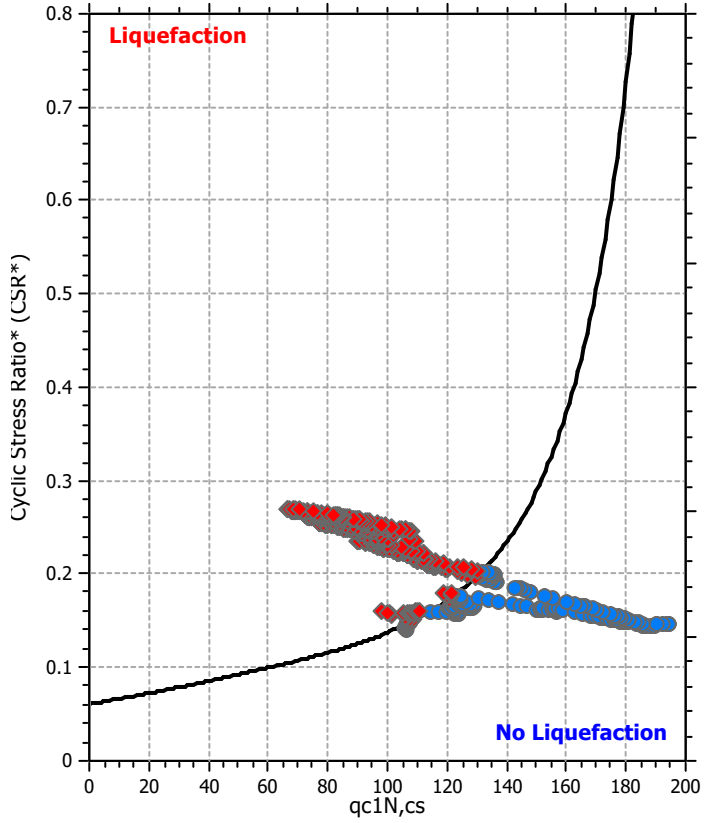
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

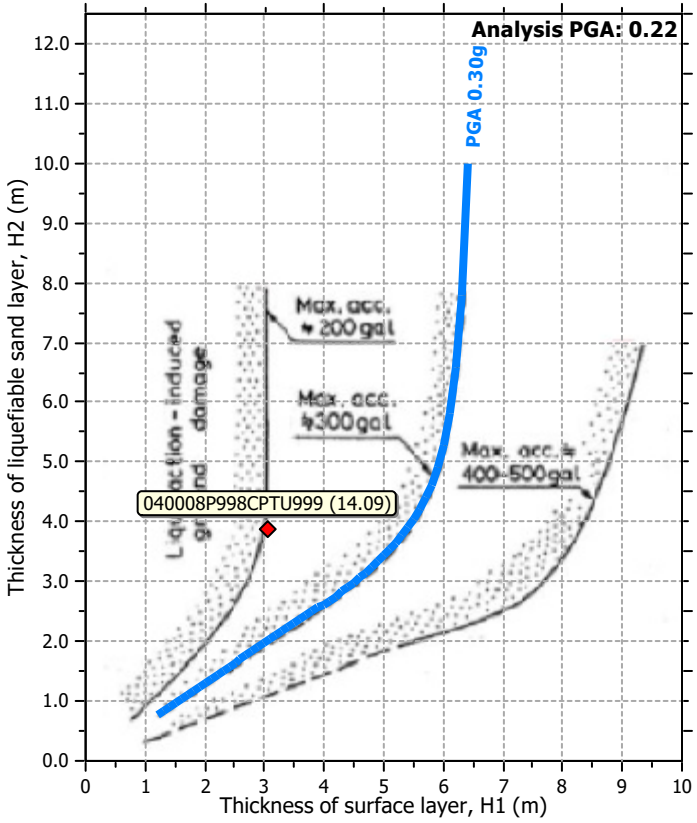
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



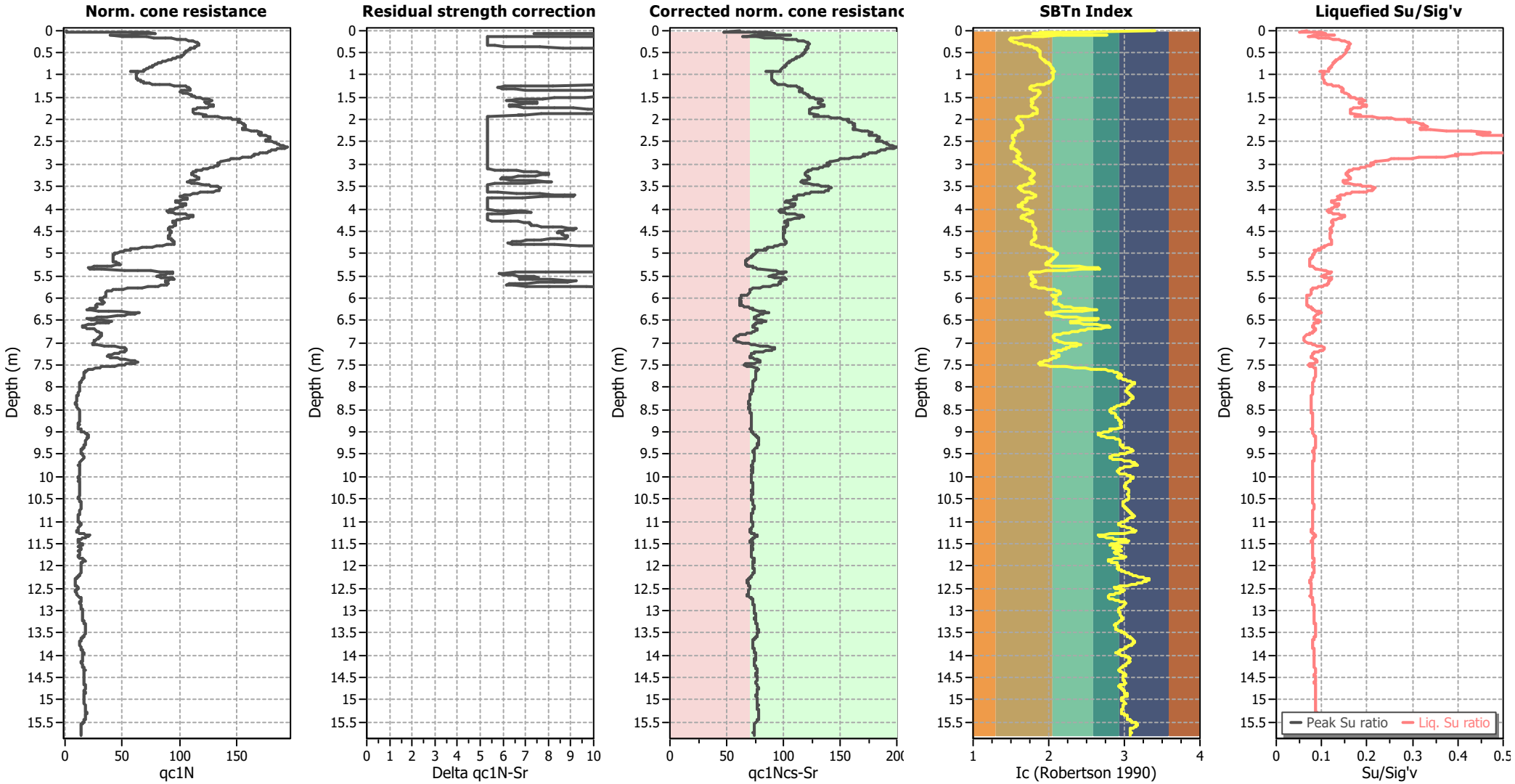




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.05	0.00	0.00	0.01	0.00	1.02	1.04	0.00	0.00	0.01	0.00
1.03	1.04	0.00	0.00	0.01	0.00	1.04	1.03	0.00	0.00	0.01	0.00
1.05	1.03	0.00	0.00	0.01	0.00	1.06	1.02	0.00	0.00	0.01	0.00
1.07	1.02	0.00	0.00	0.01	0.00	1.08	1.01	0.00	0.00	0.01	0.00
1.09	1.01	0.00	0.00	0.01	0.00	1.10	1.01	0.00	0.00	0.01	0.00
1.11	1.01	0.00	0.00	0.01	0.00	1.12	1.00	0.00	0.00	0.01	0.00
1.13	1.01	0.00	0.00	0.01	0.00	1.14	1.00	0.00	0.00	0.01	0.00
1.15	1.00	0.00	0.00	0.01	0.00	1.16	0.99	0.00	0.00	0.01	0.00
1.17	0.98	0.00	0.00	0.01	0.00	1.18	0.99	0.00	0.00	0.01	0.00
1.19	0.97	0.00	0.00	0.01	0.00	1.20	0.96	0.00	0.00	0.01	0.00
1.21	0.94	0.00	0.00	0.01	0.01	1.22	0.88	0.00	0.00	0.01	0.01
1.23	0.88	0.00	0.00	0.01	0.01	1.24	0.85	0.15	2.60	0.01	0.01
1.25	0.87	0.00	0.00	0.01	0.01	1.26	0.92	0.00	0.00	0.01	0.01
1.27	0.93	0.00	0.00	0.01	0.01	1.28	0.94	0.00	0.00	0.01	0.01
1.29	0.94	0.00	0.00	0.01	0.01	1.30	0.95	0.00	0.00	0.01	0.00
1.31	0.96	0.00	0.00	0.01	0.00	1.32	0.96	0.00	0.00	0.01	0.00
1.33	0.95	0.00	0.00	0.01	0.00	1.34	0.95	0.00	0.00	0.01	0.00
1.35	0.95	0.00	0.00	0.01	0.00	1.36	1.01	0.00	0.00	0.01	0.00
1.37	1.05	0.00	0.00	0.01	0.00	1.38	1.09	0.00	0.00	0.01	0.00
1.39	1.14	0.00	0.00	0.01	0.00	1.40	1.15	0.00	0.00	0.01	0.00
1.41	1.16	0.00	0.00	0.01	0.00	1.42	1.13	0.00	0.00	0.01	0.00
1.43	1.14	0.00	0.00	0.01	0.00	1.44	1.12	0.00	0.00	0.01	0.00
1.45	1.12	0.00	0.00	0.01	0.00	1.46	1.11	0.00	0.00	0.01	0.00
1.47	1.11	0.00	0.00	0.01	0.00	1.48	1.09	0.00	0.00	0.01	0.00
1.49	1.08	0.00	0.00	0.01	0.00	1.50	1.06	0.00	0.00	0.01	0.00
1.51	1.07	0.00	0.00	0.01	0.00	1.52	1.07	0.00	0.00	0.01	0.00
1.53	1.08	0.00	0.00	0.01	0.00	1.54	1.09	0.00	0.00	0.01	0.00
1.55	1.16	0.00	0.00	0.01	0.00	1.56	1.19	0.00	0.00	0.01	0.00
1.57	1.20	0.00	0.00	0.01	0.00	1.58	1.19	0.00	0.00	0.01	0.00
1.59	1.13	0.00	0.00	0.01	0.00	1.60	1.11	0.00	0.00	0.01	0.00
1.61	1.10	0.00	0.00	0.01	0.00	1.62	1.08	0.00	0.00	0.01	0.00
1.63	1.10	0.00	0.00	0.01	0.00	1.64	1.10	0.00	0.00	0.01	0.00
1.65	1.11	0.00	0.00	0.01	0.00	1.66	1.15	0.00	0.00	0.01	0.00
1.67	1.17	0.00	0.00	0.01	0.00	1.68	1.18	0.00	0.00	0.01	0.00
1.69	1.18	0.00	0.00	0.01	0.00	1.70	1.15	0.00	0.00	0.01	0.00
1.71	1.11	0.00	0.00	0.01	0.00	1.72	1.07	0.00	0.00	0.01	0.00
1.73	1.05	0.00	0.00	0.01	0.00	1.74	1.00	0.00	0.00	0.01	0.00
1.75	1.01	0.00	0.00	0.01	0.00	1.76	1.01	0.00	0.00	0.01	0.00
1.77	1.02	0.00	0.00	0.01	0.00	1.78	1.03	0.00	0.00	0.01	0.00
1.79	1.05	0.00	0.00	0.01	0.00	1.80	1.05	0.00	0.00	0.01	0.00
1.81	1.04	0.00	0.00	0.01	0.00	1.82	1.04	0.00	0.00	0.01	0.00
1.83	1.03	0.00	0.00	0.01	0.00	1.84	1.01	0.00	0.00	0.01	0.00
1.85	1.00	0.00	0.00	0.01	0.00	1.86	0.97	0.00	0.00	0.01	0.00
1.87	0.96	0.00	0.00	0.01	0.00	1.88	0.94	0.00	0.00	0.01	0.01
1.89	1.04	0.00	0.00	0.01	0.00	1.90	0.98	0.00	0.00	0.01	0.00
1.91	0.98	0.00	0.00	0.01	0.00	1.92	0.97	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.15	0.00	0.00	0.01	0.00	1.94	1.24	0.00	0.00	0.01	0.00
1.95	1.32	0.00	0.00	0.01	0.00	1.96	1.48	0.00	0.00	0.01	0.00
1.97	1.56	0.00	0.00	0.01	0.00	1.98	1.64	0.00	0.00	0.01	0.00
1.99	1.81	0.00	0.00	0.01	0.00	2.00	1.87	0.00	0.00	0.01	0.00
2.01	1.91	0.00	0.00	0.01	0.00	2.02	1.88	0.00	0.00	0.01	0.00
2.03	1.85	0.00	0.00	0.01	0.00	2.04	1.85	0.00	0.00	0.01	0.00
2.05	1.87	0.00	0.00	0.01	0.00	2.06	1.90	0.00	0.00	0.01	0.00
2.07	1.99	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	2.00	0.00	0.00	0.01	0.00
2.85	1.90	0.00	0.00	0.01	0.00	2.86	1.75	0.00	0.00	0.01	0.00
2.87	1.54	0.00	0.00	0.01	0.00	2.88	1.46	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.41	0.00	0.00	0.01	0.00	2.90	1.36	0.00	0.00	0.01	0.00
2.91	1.35	0.00	0.00	0.01	0.00	2.92	1.35	0.00	0.00	0.01	0.00
2.93	1.16	0.00	0.00	0.01	0.00	2.94	1.16	0.00	0.00	0.01	0.00
2.95	1.15	0.00	0.00	0.01	0.00	2.96	1.11	0.00	0.00	0.01	0.00
2.97	1.10	0.00	0.00	0.01	0.00	2.98	1.08	0.00	0.00	0.01	0.00
2.99	1.07	0.00	0.00	0.01	0.00	3.00	1.10	0.00	0.00	0.01	0.00
3.01	1.12	0.00	0.00	0.01	0.00	3.02	1.11	0.00	0.00	0.01	0.00
3.03	1.09	0.00	0.00	0.01	0.00	3.04	1.05	0.00	0.00	0.01	0.00
3.05	1.02	0.00	0.00	0.01	0.00	3.06	1.00	0.00	0.00	0.01	0.00
3.07	0.99	0.00	0.00	0.01	0.00	3.08	0.94	0.00	0.00	0.01	0.00
3.09	0.91	0.00	0.00	0.01	0.01	3.10	0.89	0.00	0.00	0.01	0.01
3.11	0.84	0.16	2.46	0.01	0.01	3.12	0.82	0.18	2.06	0.01	0.01
3.13	0.81	0.19	1.77	0.01	0.02	3.14	0.79	0.21	1.53	0.01	0.02
3.15	0.78	0.22	1.40	0.01	0.02	3.16	0.77	0.23	1.36	0.01	0.02
3.17	0.76	0.24	1.25	0.01	0.02	3.18	0.75	0.25	1.22	0.01	0.02
3.19	0.75	0.25	1.19	0.01	0.02	3.20	0.75	0.25	1.18	0.01	0.02
3.21	0.75	0.25	1.16	0.01	0.02	3.22	0.75	0.25	1.17	0.01	0.02
3.23	0.75	0.25	1.17	0.01	0.02	3.24	0.75	0.25	1.17	0.01	0.02
3.25	0.76	0.24	1.24	0.01	0.02	3.26	0.76	0.24	1.26	0.01	0.02
3.27	0.76	0.24	1.29	0.01	0.02	3.28	0.77	0.23	1.33	0.01	0.02
3.29	0.77	0.23	1.36	0.01	0.02	3.30	0.79	0.21	1.50	0.01	0.02
3.31	0.79	0.21	1.55	0.01	0.02	3.32	0.79	0.21	1.58	0.01	0.02
3.33	0.78	0.22	1.48	0.01	0.02	3.34	0.77	0.23	1.36	0.01	0.02
3.35	0.75	0.25	1.19	0.01	0.02	3.36	0.74	0.26	1.10	0.01	0.02
3.37	0.71	0.29	0.95	0.01	0.02	3.38	0.71	0.29	0.95	0.01	0.02
3.39	0.70	0.30	0.93	0.01	0.02	3.40	0.70	0.30	0.92	0.01	0.02
3.41	0.70	0.30	0.91	0.01	0.03	3.42	0.72	0.28	1.00	0.01	0.02
3.43	0.74	0.26	1.12	0.01	0.02	3.44	0.77	0.23	1.32	0.01	0.02
3.45	0.84	0.16	2.28	0.01	0.01	3.46	0.87	0.00	0.00	0.01	0.01
3.47	0.91	0.00	0.00	0.01	0.01	3.48	0.94	0.00	0.00	0.01	0.01
3.49	1.01	0.00	0.00	0.01	0.00	3.50	1.06	0.00	0.00	0.01	0.00
3.51	1.09	0.00	0.00	0.01	0.00	3.52	1.12	0.00	0.00	0.01	0.00
3.53	1.10	0.00	0.00	0.01	0.00	3.54	1.09	0.00	0.00	0.01	0.00
3.55	1.08	0.00	0.00	0.01	0.00	3.56	1.08	0.00	0.00	0.01	0.00
3.57	1.08	0.00	0.00	0.01	0.00	3.58	1.07	0.00	0.00	0.01	0.00
3.59	1.05	0.00	0.00	0.01	0.00	3.60	1.01	0.00	0.00	0.01	0.00
3.61	0.98	0.00	0.00	0.01	0.00	3.62	0.94	0.00	0.00	0.01	0.01
3.63	0.89	0.00	0.00	0.01	0.01	3.64	0.80	0.20	1.64	0.01	0.02
3.65	0.76	0.24	1.29	0.01	0.02	3.66	0.74	0.26	1.13	0.01	0.02
3.67	0.73	0.27	1.06	0.01	0.02	3.68	0.72	0.28	1.01	0.01	0.02
3.69	0.69	0.31	0.88	0.01	0.03	3.70	0.69	0.31	0.87	0.01	0.03
3.71	0.67	0.33	0.81	0.01	0.03	3.72	0.65	0.35	0.74	0.01	0.03
3.73	0.64	0.36	0.71	0.01	0.03	3.74	0.64	0.36	0.72	0.01	0.03
3.75	0.65	0.35	0.76	0.01	0.03	3.76	0.66	0.34	0.79	0.01	0.03
3.77	0.67	0.33	0.80	0.01	0.03	3.78	0.66	0.34	0.79	0.01	0.03
3.79	0.65	0.35	0.75	0.01	0.03	3.80	0.64	0.36	0.71	0.01	0.03
3.81	0.61	0.39	0.65	0.01	0.03	3.82	0.60	0.40	0.63	0.01	0.03
3.83	0.59	0.41	0.60	0.01	0.03	3.84	0.58	0.42	0.59	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.59	0.41	0.61	0.01	0.03	3.86	0.60	0.40	0.63	0.01	0.03
3.87	0.61	0.39	0.65	0.01	0.03	3.88	0.62	0.38	0.67	0.01	0.03
3.89	0.64	0.36	0.73	0.01	0.03	3.90	0.65	0.35	0.75	0.01	0.03
3.91	0.65	0.35	0.75	0.01	0.03	3.92	0.65	0.35	0.74	0.01	0.03
3.93	0.63	0.37	0.70	0.01	0.03	3.94	0.63	0.37	0.70	0.01	0.03
3.95	0.62	0.38	0.67	0.01	0.03	3.96	0.61	0.39	0.65	0.01	0.03
3.97	0.59	0.41	0.61	0.01	0.03	3.98	0.58	0.42	0.59	0.01	0.03
3.99	0.57	0.43	0.58	0.01	0.03	4.00	0.57	0.43	0.57	0.01	0.03
4.01	0.56	0.44	0.55	0.01	0.04	4.02	0.55	0.45	0.55	0.01	0.04
4.03	0.55	0.45	0.54	0.01	0.04	4.04	0.54	0.46	0.53	0.01	0.04
4.05	0.53	0.47	0.52	0.01	0.04	4.06	0.53	0.47	0.52	0.01	0.04
4.07	0.54	0.46	0.52	0.01	0.04	4.08	0.55	0.45	0.54	0.01	0.04
4.09	0.56	0.44	0.56	0.01	0.04	4.10	0.57	0.43	0.58	0.01	0.03
4.11	0.59	0.41	0.62	0.01	0.03	4.12	0.64	0.36	0.72	0.01	0.03
4.13	0.66	0.34	0.78	0.01	0.03	4.14	0.68	0.32	0.83	0.01	0.03
4.15	0.69	0.31	0.87	0.01	0.02	4.16	0.70	0.30	0.93	0.01	0.02
4.17	0.70	0.30	0.94	0.01	0.02	4.18	0.70	0.30	0.92	0.01	0.02
4.19	0.68	0.32	0.84	0.01	0.03	4.20	0.66	0.34	0.79	0.01	0.03
4.21	0.65	0.35	0.74	0.01	0.03	4.22	0.63	0.37	0.70	0.01	0.03
4.23	0.60	0.40	0.63	0.01	0.03	4.24	0.59	0.41	0.61	0.01	0.03
4.25	0.58	0.42	0.59	0.01	0.03	4.26	0.57	0.43	0.58	0.01	0.03
4.27	0.56	0.44	0.56	0.01	0.03	4.28	0.55	0.45	0.55	0.01	0.04
4.29	0.55	0.45	0.55	0.01	0.04	4.30	0.56	0.44	0.55	0.01	0.03
4.31	0.56	0.44	0.57	0.01	0.03	4.32	0.57	0.43	0.57	0.01	0.03
4.33	0.57	0.43	0.58	0.01	0.03	4.34	0.57	0.43	0.58	0.01	0.03
4.35	0.57	0.43	0.58	0.01	0.03	4.36	0.57	0.43	0.58	0.01	0.03
4.37	0.57	0.43	0.57	0.01	0.03	4.38	0.57	0.43	0.57	0.01	0.03
4.39	0.56	0.44	0.56	0.01	0.03	4.40	0.56	0.44	0.56	0.01	0.03
4.41	0.56	0.44	0.55	0.01	0.03	4.42	0.56	0.44	0.55	0.01	0.03
4.43	0.55	0.45	0.55	0.01	0.03	4.44	0.56	0.44	0.55	0.01	0.03
4.45	0.56	0.44	0.56	0.01	0.03	4.46	0.56	0.44	0.55	0.01	0.03
4.47	0.56	0.44	0.55	0.01	0.03	4.48	0.56	0.44	0.56	0.01	0.03
4.49	0.56	0.44	0.56	0.01	0.03	4.50	0.56	0.44	0.55	0.01	0.03
4.51	0.56	0.44	0.56	0.01	0.03	4.52	0.56	0.44	0.55	0.01	0.03
4.53	0.56	0.44	0.55	0.01	0.03	4.54	0.55	0.45	0.55	0.01	0.03
4.55	0.55	0.45	0.55	0.01	0.03	4.56	0.55	0.45	0.54	0.01	0.03
4.57	0.55	0.45	0.54	0.01	0.03	4.58	0.55	0.45	0.54	0.01	0.03
4.59	0.55	0.45	0.54	0.01	0.03	4.60	0.55	0.45	0.54	0.01	0.03
4.61	0.55	0.45	0.54	0.01	0.03	4.62	0.55	0.45	0.54	0.01	0.03
4.63	0.55	0.45	0.54	0.01	0.03	4.64	0.55	0.45	0.54	0.01	0.03
4.65	0.54	0.46	0.54	0.01	0.03	4.66	0.54	0.46	0.54	0.01	0.03
4.67	0.54	0.46	0.53	0.01	0.04	4.68	0.54	0.46	0.54	0.01	0.03
4.69	0.54	0.46	0.53	0.01	0.03	4.70	0.54	0.46	0.53	0.01	0.03
4.71	0.55	0.45	0.54	0.01	0.03	4.72	0.55	0.45	0.54	0.01	0.03
4.73	0.55	0.45	0.55	0.01	0.03	4.74	0.55	0.45	0.55	0.01	0.03
4.75	0.55	0.45	0.55	0.01	0.03	4.76	0.55	0.45	0.55	0.01	0.03
4.77	0.55	0.45	0.55	0.01	0.03	4.78	0.55	0.45	0.54	0.01	0.03
4.79	0.53	0.47	0.52	0.01	0.04	4.80	0.52	0.48	0.51	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.52	0.48	0.51	0.01	0.04	4.82	0.52	0.48	0.50	0.01	0.04
4.83	0.53	0.47	0.51	0.01	0.04	4.84	0.53	0.47	0.52	0.01	0.04
4.85	0.55	0.45	0.55	0.01	0.03	4.86	0.55	0.45	0.55	0.01	0.03
4.87	0.57	0.43	0.57	0.01	0.03	4.88	0.57	0.43	0.58	0.01	0.03
4.89	0.58	0.42	0.60	0.01	0.03	4.90	0.57	0.43	0.57	0.01	0.03
4.91	0.58	0.42	0.59	0.01	0.03	4.92	0.56	0.44	0.56	0.01	0.03
4.93	0.52	0.48	0.51	0.01	0.04	4.94	0.51	0.49	0.49	0.01	0.04
4.95	0.52	0.48	0.50	0.01	0.04	4.96	0.52	0.48	0.50	0.01	0.04
4.97	0.52	0.48	0.50	0.01	0.04	4.98	0.51	0.49	0.50	0.01	0.04
4.99	0.51	0.49	0.50	0.01	0.04	5.00	0.51	0.49	0.49	0.01	0.04
5.01	0.51	0.49	0.49	0.01	0.04	5.02	0.50	0.50	0.48	0.01	0.04
5.03	0.50	0.50	0.48	0.01	0.04	5.04	0.50	0.50	0.48	0.01	0.04
5.05	0.50	0.50	0.47	0.01	0.04	5.06	0.49	0.51	0.47	0.01	0.04
5.07	0.49	0.51	0.47	0.01	0.04	5.08	0.49	0.51	0.46	0.01	0.04
5.09	0.48	0.52	0.46	0.01	0.04	5.10	0.48	0.52	0.45	0.01	0.04
5.11	0.47	0.53	0.45	0.01	0.04	5.12	0.47	0.53	0.45	0.01	0.04
5.13	0.47	0.53	0.44	0.01	0.04	5.14	0.46	0.54	0.44	0.01	0.04
5.15	0.46	0.54	0.43	0.01	0.04	5.16	0.46	0.54	0.43	0.01	0.04
5.17	0.45	0.55	0.43	0.01	0.04	5.18	0.45	0.55	0.43	0.01	0.04
5.19	0.45	0.55	0.43	0.01	0.04	5.20	0.45	0.55	0.42	0.01	0.04
5.21	0.45	0.55	0.42	0.01	0.04	5.22	0.44	0.56	0.42	0.01	0.04
5.23	0.44	0.56	0.42	0.01	0.04	5.24	0.45	0.55	0.42	0.01	0.04
5.25	0.45	0.55	0.43	0.01	0.04	5.26	0.45	0.55	0.43	0.01	0.04
5.27	0.46	0.54	0.44	0.01	0.04	5.28	0.47	0.53	0.45	0.01	0.04
5.29	0.45	0.55	0.43	0.01	0.04	5.30	0.45	0.55	0.43	0.01	0.04
5.31	0.45	0.55	0.43	0.01	0.04	5.32	2.00	0.00	0.00	0.01	0.00
5.33	2.00	0.00	0.00	0.01	0.00	5.34	2.00	0.00	0.00	0.01	0.00
5.35	2.00	0.00	0.00	0.01	0.00	5.36	0.50	0.50	0.47	0.01	0.04
5.37	0.63	0.37	0.69	0.01	0.03	5.38	0.64	0.36	0.72	0.01	0.03
5.39	0.63	0.37	0.69	0.01	0.03	5.40	0.58	0.42	0.60	0.01	0.03
5.41	0.55	0.45	0.54	0.01	0.03	5.42	0.54	0.46	0.53	0.01	0.03
5.43	0.53	0.47	0.52	0.01	0.03	5.44	0.53	0.47	0.51	0.01	0.03
5.45	0.52	0.48	0.50	0.01	0.04	5.46	0.50	0.50	0.48	0.01	0.04
5.47	0.49	0.51	0.47	0.01	0.04	5.48	0.48	0.52	0.46	0.01	0.04
5.49	0.48	0.52	0.45	0.01	0.04	5.50	0.46	0.54	0.43	0.01	0.04
5.51	0.46	0.54	0.43	0.01	0.04	5.52	0.46	0.54	0.44	0.01	0.04
5.53	0.48	0.52	0.45	0.01	0.04	5.54	0.51	0.49	0.49	0.01	0.04
5.55	0.52	0.48	0.51	0.01	0.03	5.56	0.53	0.47	0.52	0.01	0.03
5.57	0.53	0.47	0.52	0.01	0.03	5.58	0.53	0.47	0.52	0.01	0.03
5.59	0.52	0.48	0.51	0.01	0.03	5.60	0.53	0.47	0.51	0.01	0.03
5.61	0.53	0.47	0.51	0.01	0.03	5.62	0.52	0.48	0.50	0.01	0.03
5.63	0.51	0.49	0.49	0.01	0.04	5.64	0.51	0.49	0.49	0.01	0.04
5.65	0.51	0.49	0.49	0.01	0.04	5.66	0.50	0.50	0.48	0.01	0.04
5.67	0.50	0.50	0.48	0.01	0.04	5.68	0.50	0.50	0.48	0.01	0.04
5.69	0.50	0.50	0.48	0.01	0.04	5.70	0.49	0.51	0.47	0.01	0.04
5.71	0.48	0.52	0.46	0.01	0.04	5.72	0.47	0.53	0.45	0.01	0.04
5.73	0.46	0.54	0.44	0.01	0.04	5.74	0.46	0.54	0.43	0.01	0.04
5.75	0.44	0.56	0.42	0.01	0.04	5.76	0.45	0.55	0.43	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.47	0.53	0.44	0.01	0.04	5.78	0.46	0.54	0.44	0.01	0.04
5.79	0.47	0.53	0.45	0.01	0.04	5.80	0.47	0.53	0.45	0.01	0.04
5.81	0.47	0.53	0.45	0.01	0.04	5.82	0.47	0.53	0.45	0.01	0.04
5.83	0.47	0.53	0.45	0.01	0.04	5.84	0.47	0.53	0.44	0.01	0.04
5.85	0.46	0.54	0.44	0.01	0.04	5.86	0.46	0.54	0.44	0.01	0.04
5.87	0.46	0.54	0.44	0.01	0.04	5.88	0.46	0.54	0.44	0.01	0.04
5.89	0.46	0.54	0.44	0.01	0.04	5.90	0.46	0.54	0.44	0.01	0.04
5.91	0.46	0.54	0.43	0.01	0.04	5.92	0.45	0.55	0.43	0.01	0.04
5.93	0.44	0.56	0.42	0.01	0.04	5.94	0.43	0.57	0.41	0.01	0.04
5.95	0.43	0.57	0.41	0.01	0.04	5.96	0.43	0.57	0.41	0.01	0.04
5.97	0.43	0.57	0.41	0.01	0.04	5.98	0.43	0.57	0.41	0.01	0.04
5.99	0.43	0.57	0.41	0.01	0.04	6.00	0.43	0.57	0.41	0.01	0.04
6.01	0.42	0.58	0.40	0.01	0.04	6.02	0.42	0.58	0.40	0.01	0.04
6.03	0.42	0.58	0.40	0.01	0.04	6.04	0.42	0.58	0.40	0.01	0.04
6.05	0.42	0.58	0.40	0.01	0.04	6.06	0.42	0.58	0.40	0.01	0.04
6.07	0.42	0.58	0.40	0.01	0.04	6.08	0.42	0.58	0.40	0.01	0.04
6.09	0.42	0.58	0.40	0.01	0.04	6.10	0.42	0.58	0.40	0.01	0.04
6.11	0.42	0.58	0.40	0.01	0.04	6.12	0.42	0.58	0.40	0.01	0.04
6.13	0.42	0.58	0.40	0.01	0.04	6.14	0.41	0.59	0.40	0.01	0.04
6.15	0.42	0.58	0.40	0.01	0.04	6.16	0.42	0.58	0.40	0.01	0.04
6.17	0.42	0.58	0.40	0.01	0.04	6.18	0.43	0.57	0.41	0.01	0.04
6.19	0.43	0.57	0.41	0.01	0.04	6.20	0.44	0.56	0.41	0.01	0.04
6.21	0.44	0.56	0.42	0.01	0.04	6.22	0.44	0.56	0.42	0.01	0.04
6.23	0.44	0.56	0.42	0.01	0.04	6.24	0.43	0.57	0.41	0.01	0.04
6.25	0.43	0.57	0.41	0.01	0.04	6.26	2.00	0.00	0.00	0.01	0.00
6.27	0.44	0.56	0.42	0.01	0.04	6.28	0.47	0.53	0.45	0.01	0.04
6.29	0.51	0.49	0.49	0.01	0.03	6.30	0.55	0.45	0.54	0.01	0.03
6.31	0.56	0.44	0.56	0.01	0.03	6.32	0.57	0.43	0.57	0.01	0.03
6.33	0.54	0.46	0.53	0.01	0.03	6.34	0.53	0.47	0.51	0.01	0.03
6.35	0.52	0.48	0.51	0.01	0.03	6.36	0.51	0.49	0.49	0.01	0.03
6.37	0.51	0.49	0.49	0.01	0.03	6.38	0.51	0.49	0.49	0.01	0.03
6.39	0.51	0.49	0.49	0.01	0.03	6.40	0.51	0.49	0.49	0.01	0.03
6.41	0.47	0.53	0.45	0.01	0.04	6.42	0.47	0.53	0.44	0.01	0.04
6.43	0.45	0.55	0.43	0.01	0.04	6.44	0.45	0.55	0.42	0.01	0.04
6.45	0.44	0.56	0.42	0.01	0.04	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	0.47	0.53	0.44	0.01	0.04	6.50	0.49	0.51	0.47	0.01	0.03
6.51	0.53	0.47	0.52	0.01	0.03	6.52	0.53	0.47	0.51	0.01	0.03
6.53	0.52	0.48	0.50	0.01	0.03	6.54	0.51	0.49	0.49	0.01	0.03
6.55	0.50	0.50	0.48	0.01	0.03	6.56	0.47	0.53	0.44	0.01	0.04
6.57	0.46	0.54	0.43	0.01	0.04	6.58	0.45	0.55	0.43	0.01	0.04
6.59	0.44	0.56	0.42	0.01	0.04	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	0.45	0.55	0.43	0.01	0.04	6.70	0.45	0.55	0.43	0.01	0.04
6.71	0.45	0.55	0.43	0.01	0.04	6.72	0.45	0.55	0.43	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.45	0.55	0.43	0.01	0.04	6.74	0.45	0.55	0.43	0.01	0.04
6.75	0.45	0.55	0.43	0.01	0.04	6.76	0.45	0.55	0.43	0.01	0.04
6.77	0.45	0.55	0.43	0.01	0.04	6.78	0.45	0.55	0.42	0.01	0.04
6.79	0.44	0.56	0.42	0.01	0.04	6.80	0.43	0.57	0.41	0.01	0.04
6.81	0.43	0.57	0.41	0.01	0.04	6.82	0.42	0.58	0.40	0.01	0.04
6.83	0.41	0.59	0.40	0.01	0.04	6.84	0.41	0.59	0.39	0.01	0.04
6.85	0.41	0.59	0.39	0.01	0.04	6.86	0.40	0.60	0.39	0.01	0.04
6.87	0.40	0.60	0.38	0.01	0.04	6.88	0.40	0.60	0.38	0.01	0.04
6.89	0.40	0.60	0.38	0.01	0.04	6.90	0.39	0.61	0.38	0.01	0.04
6.91	0.40	0.60	0.38	0.01	0.04	6.92	0.40	0.60	0.38	0.01	0.04
6.93	0.39	0.61	0.38	0.01	0.04	6.94	0.39	0.61	0.38	0.01	0.04
6.95	0.39	0.61	0.38	0.01	0.04	6.96	0.39	0.61	0.38	0.01	0.04
6.97	0.40	0.60	0.38	0.01	0.04	6.98	0.40	0.60	0.39	0.01	0.04
6.99	0.40	0.60	0.39	0.01	0.04	7.00	0.41	0.59	0.39	0.01	0.04
7.01	0.42	0.58	0.40	0.01	0.04	7.02	0.43	0.57	0.41	0.01	0.04
7.03	0.43	0.57	0.41	0.01	0.04	7.04	0.44	0.56	0.42	0.01	0.04
7.05	0.45	0.55	0.43	0.01	0.04	7.06	0.48	0.52	0.46	0.01	0.03
7.07	0.50	0.50	0.48	0.01	0.03	7.08	0.52	0.48	0.51	0.01	0.03
7.09	0.54	0.46	0.53	0.01	0.03	7.10	0.58	0.42	0.59	0.01	0.03
7.11	0.59	0.41	0.61	0.01	0.03	7.12	0.60	0.40	0.64	0.01	0.03
7.13	0.61	0.39	0.64	0.01	0.03	7.14	0.60	0.40	0.64	0.01	0.03
7.15	0.60	0.40	0.63	0.01	0.03	7.16	0.59	0.41	0.61	0.01	0.03
7.17	0.57	0.43	0.58	0.01	0.03	7.18	0.56	0.44	0.55	0.01	0.03
7.19	0.53	0.47	0.52	0.01	0.03	7.20	0.51	0.49	0.49	0.01	0.03
7.21	0.49	0.51	0.47	0.01	0.03	7.22	0.48	0.52	0.46	0.01	0.03
7.23	0.48	0.52	0.45	0.01	0.03	7.24	0.48	0.52	0.45	0.01	0.03
7.25	0.47	0.53	0.44	0.01	0.03	7.26	0.46	0.54	0.44	0.01	0.03
7.27	0.46	0.54	0.44	0.01	0.03	7.28	0.46	0.54	0.44	0.01	0.03
7.29	0.46	0.54	0.43	0.01	0.03	7.30	0.46	0.54	0.43	0.01	0.03
7.31	0.46	0.54	0.43	0.01	0.03	7.32	0.46	0.54	0.43	0.01	0.03
7.33	0.46	0.54	0.43	0.01	0.03	7.34	0.47	0.53	0.44	0.01	0.03
7.35	0.47	0.53	0.45	0.01	0.03	7.36	0.48	0.52	0.46	0.01	0.03
7.37	0.49	0.51	0.46	0.01	0.03	7.38	0.49	0.51	0.47	0.01	0.03
7.39	0.50	0.50	0.48	0.01	0.03	7.40	0.49	0.51	0.47	0.01	0.03
7.41	0.49	0.51	0.47	0.01	0.03	7.42	0.48	0.52	0.46	0.01	0.03
7.43	0.46	0.54	0.44	0.01	0.03	7.44	0.44	0.56	0.42	0.01	0.04
7.45	0.42	0.58	0.40	0.01	0.04	7.46	0.41	0.59	0.39	0.01	0.04
7.47	0.41	0.59	0.39	0.01	0.04	7.48	0.40	0.60	0.38	0.01	0.04
7.49	0.39	0.61	0.38	0.01	0.04	7.50	0.40	0.60	0.39	0.01	0.04
7.51	0.42	0.58	0.40	0.01	0.04	7.52	0.44	0.56	0.42	0.01	0.04
7.53	0.46	0.54	0.44	0.01	0.03	7.54	0.45	0.55	0.43	0.01	0.03
7.55	0.46	0.54	0.43	0.01	0.03	7.56	0.45	0.55	0.43	0.01	0.03
7.57	0.45	0.55	0.43	0.01	0.03	7.58	0.45	0.55	0.42	0.01	0.03
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00

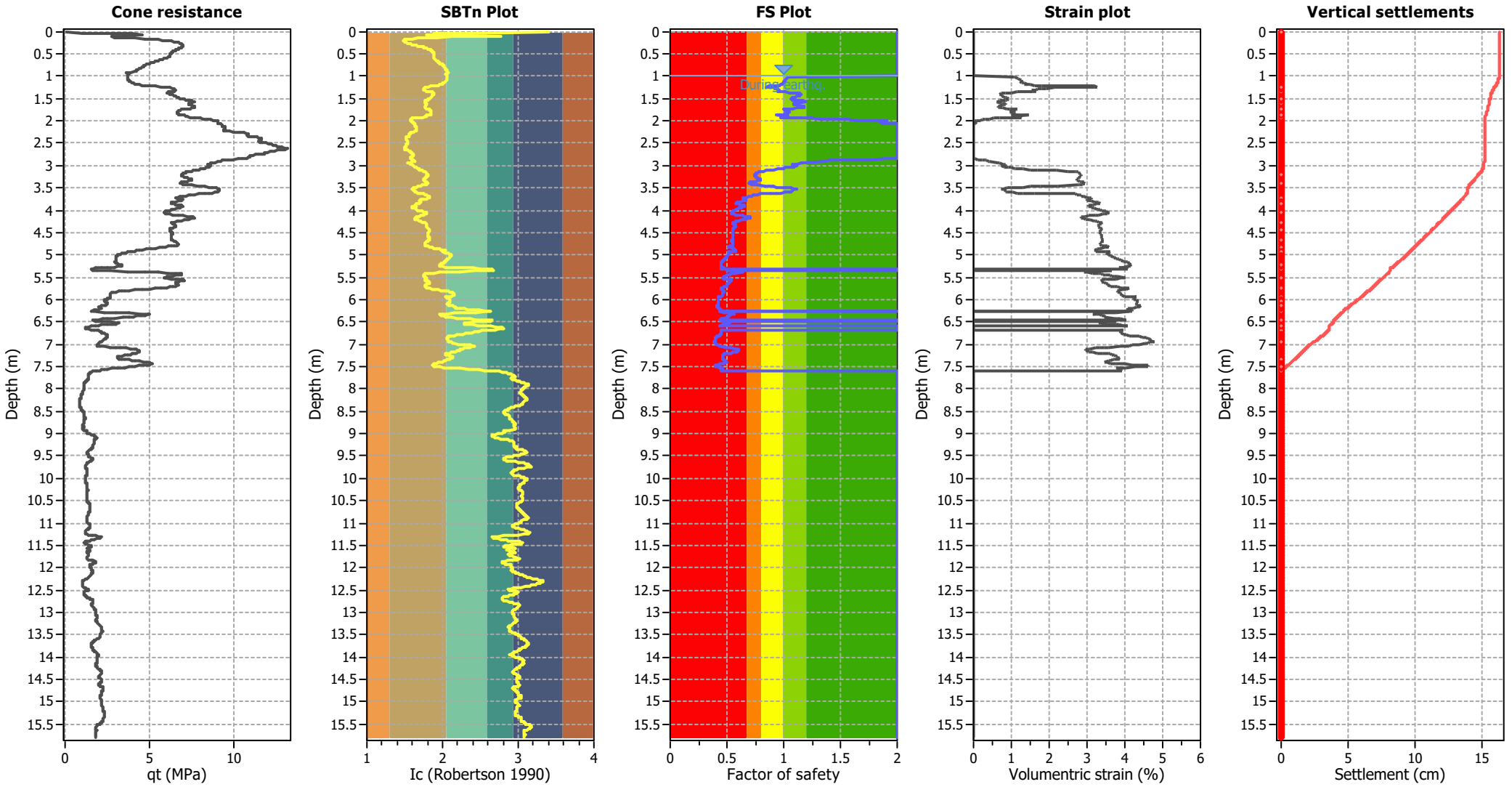
Overall liquefaction potential: 14.09

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	106.85	2.00	0.00	1.00	0.00	1.01	106.64	1.05	1.06	1.00	0.01
1.02	106.27	1.04	1.11	1.00	0.01	1.03	106.53	1.04	1.12	1.00	0.01
1.04	106.42	1.03	1.16	1.00	0.01	1.05	106.61	1.03	1.17	1.00	0.01
1.06	106.73	1.02	1.19	1.00	0.01	1.07	106.74	1.02	1.22	1.00	0.01
1.08	106.99	1.01	1.22	1.00	0.01	1.09	107.20	1.01	1.23	1.00	0.01
1.10	107.14	1.01	1.27	1.00	0.01	1.11	107.49	1.01	1.26	1.00	0.01
1.12	107.38	1.00	1.30	1.00	0.01	1.13	108.27	1.01	1.25	1.00	0.01
1.14	108.16	1.00	1.29	1.00	0.01	1.15	108.13	1.00	1.32	1.00	0.01
1.16	108.28	0.99	1.33	1.00	0.01	1.17	107.53	0.98	1.43	1.00	0.01
1.18	108.57	0.99	1.35	1.00	0.01	1.19	107.62	0.97	1.49	1.00	0.01
1.20	106.98	0.96	1.60	1.00	0.02	1.21	105.84	0.94	1.81	1.00	0.02
1.22	101.02	0.88	3.18	1.00	0.03	1.23	100.79	0.88	3.19	1.00	0.03
1.24	98.13	0.85	3.28	1.00	0.03	1.25	100.25	0.87	3.20	1.00	0.03
1.26	105.21	0.92	2.17	1.00	0.02	1.27	106.54	0.93	1.93	1.00	0.02
1.28	107.55	0.94	1.80	1.00	0.02	1.29	108.38	0.94	1.70	1.00	0.02
1.30	109.06	0.95	1.64	1.00	0.02	1.31	109.91	0.96	1.55	1.00	0.02
1.32	109.99	0.96	1.57	1.00	0.02	1.33	109.64	0.95	1.64	1.00	0.02
1.34	110.14	0.95	1.60	1.00	0.02	1.35	110.50	0.95	1.58	1.00	0.02
1.36	114.90	1.01	1.17	1.00	0.01	1.37	117.51	1.05	1.00	1.00	0.01
1.38	120.26	1.09	0.86	1.00	0.01	1.39	122.88	1.14	0.74	1.00	0.01
1.40	123.97	1.15	0.70	1.00	0.01	1.41	124.22	1.16	0.70	1.00	0.01
1.42	123.34	1.13	0.74	1.00	0.01	1.43	123.94	1.14	0.72	1.00	0.01
1.44	123.05	1.12	0.77	1.00	0.01	1.45	123.11	1.12	0.78	1.00	0.01
1.46	122.63	1.11	0.81	1.00	0.01	1.47	122.74	1.11	0.81	1.00	0.01
1.48	122.03	1.09	0.85	1.00	0.01	1.49	121.70	1.08	0.88	1.00	0.01
1.50	120.77	1.06	0.94	1.00	0.01	1.51	121.63	1.07	0.90	1.00	0.01
1.52	121.69	1.07	0.91	1.00	0.01	1.53	122.27	1.08	0.88	1.00	0.01
1.54	123.09	1.09	0.85	1.00	0.01	1.55	126.84	1.16	0.68	1.00	0.01
1.56	128.05	1.19	0.64	1.00	0.01	1.57	128.71	1.20	0.62	1.00	0.01
1.58	128.40	1.19	0.63	1.00	0.01	1.59	125.99	1.13	0.74	1.00	0.01
1.60	125.15	1.11	0.79	1.00	0.01	1.61	124.53	1.10	0.82	1.00	0.01
1.62	123.94	1.08	0.86	1.00	0.01	1.63	124.62	1.10	0.83	1.00	0.01
1.64	125.01	1.10	0.82	1.00	0.01	1.65	125.79	1.11	0.79	1.00	0.01
1.66	127.86	1.15	0.70	1.00	0.01	1.67	128.92	1.17	0.66	1.00	0.01
1.68	129.39	1.18	0.64	1.00	0.01	1.69	129.56	1.18	0.64	1.00	0.01
1.70	128.07	1.15	0.71	1.00	0.01	1.71	126.66	1.11	0.78	1.00	0.01
1.72	124.71	1.07	0.89	1.00	0.01	1.73	123.35	1.05	0.97	1.00	0.01
1.74	120.71	1.00	1.16	1.00	0.01	1.75	121.25	1.01	1.13	1.00	0.01
1.76	121.62	1.01	1.11	1.00	0.01	1.77	122.51	1.02	1.05	1.00	0.01
1.78	123.10	1.03	1.02	1.00	0.01	1.79	124.21	1.05	0.96	1.00	0.01
1.80	124.19	1.05	0.97	1.00	0.01	1.81	123.96	1.04	0.99	1.00	0.01
1.82	123.89	1.04	1.00	1.00	0.01	1.83	123.81	1.03	1.01	1.00	0.01
1.84	122.61	1.01	1.10	1.00	0.01	1.85	122.30	1.00	1.13	1.00	0.01
1.86	120.59	0.97	1.27	1.00	0.01	1.87	119.88	0.96	1.35	1.00	0.01
1.88	118.68	0.94	1.48	1.00	0.01	1.89	124.61	1.04	0.99	1.00	0.01
1.90	121.47	0.98	1.23	1.00	0.01	1.91	121.64	0.98	1.22	1.00	0.01
1.92	121.30	0.97	1.26	1.00	0.01	1.93	130.70	1.15	0.69	1.00	0.01
1.94	134.39	1.24	0.55	1.00	0.01	1.95	137.58	1.32	0.44	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	142.44	1.48	0.29	1.00	0.00	1.97	144.79	1.56	0.23	1.00	0.00
1.98	146.80	1.64	0.18	1.00	0.00	1.99	150.50	1.81	0.08	1.00	0.00
2.00	151.67	1.87	0.06	1.00	0.00	2.01	152.51	1.91	0.04	1.00	0.00
2.02	152.01	1.88	0.05	1.00	0.00	2.03	151.50	1.85	0.06	1.00	0.00
2.04	151.67	1.85	0.06	1.00	0.00	2.05	152.01	1.87	0.06	1.00	0.00
2.06	152.68	1.90	0.04	1.00	0.00	2.07	154.35	1.99	0.00	1.00	0.00
2.08	155.86	2.00	0.00	1.00	0.00	2.09	156.88	2.00	0.00	1.00	0.00
2.10	156.74	2.00	0.00	1.00	0.00	2.11	156.48	2.00	0.00	1.00	0.00
2.12	156.47	2.00	0.00	1.00	0.00	2.13	156.98	2.00	0.00	1.00	0.00
2.14	157.50	2.00	0.00	1.00	0.00	2.15	158.01	2.00	0.00	1.00	0.00
2.16	158.00	2.00	0.00	1.00	0.00	2.17	157.86	2.00	0.00	1.00	0.00
2.18	157.47	2.00	0.00	1.00	0.00	2.19	156.56	2.00	0.00	1.00	0.00
2.20	155.90	2.00	0.00	1.00	0.00	2.21	155.77	2.00	0.00	1.00	0.00
2.22	156.41	2.00	0.00	1.00	0.00	2.23	157.56	2.00	0.00	1.00	0.00
2.24	158.84	2.00	0.00	1.00	0.00	2.25	163.37	2.00	0.00	1.00	0.00
2.26	165.97	2.00	0.00	1.00	0.00	2.27	168.67	2.00	0.00	1.00	0.00
2.28	172.17	2.00	0.00	1.00	0.00	2.29	172.37	2.00	0.00	1.00	0.00
2.30	172.33	2.00	0.00	1.00	0.00	2.31	171.59	2.00	0.00	1.00	0.00
2.32	170.15	2.00	0.00	1.00	0.00	2.33	169.88	2.00	0.00	1.00	0.00
2.34	170.91	2.00	0.00	1.00	0.00	2.35	174.15	2.00	0.00	1.00	0.00
2.36	175.27	2.00	0.00	1.00	0.00	2.37	176.28	2.00	0.00	1.00	0.00
2.38	178.32	2.00	0.00	1.00	0.00	2.39	179.09	2.00	0.00	1.00	0.00
2.40	179.63	2.00	0.00	1.00	0.00	2.41	179.83	2.00	0.00	1.00	0.00
2.42	179.22	2.00	0.00	1.00	0.00	2.43	178.50	2.00	0.00	1.00	0.00
2.44	177.77	2.00	0.00	1.00	0.00	2.45	176.71	2.00	0.00	1.00	0.00
2.46	176.44	2.00	0.00	1.00	0.00	2.47	176.41	2.00	0.00	1.00	0.00
2.48	178.10	2.00	0.00	1.00	0.00	2.49	180.27	2.00	0.00	1.00	0.00
2.50	181.40	2.00	0.00	1.00	0.00	2.51	183.69	2.00	0.00	1.00	0.00
2.52	184.35	2.00	0.00	1.00	0.00	2.53	185.24	2.00	0.00	1.00	0.00
2.54	186.13	2.00	0.00	1.00	0.00	2.55	186.67	2.00	0.00	1.00	0.00
2.56	187.32	2.00	0.00	1.00	0.00	2.57	188.89	2.00	0.00	1.00	0.00
2.58	189.65	2.00	0.00	1.00	0.00	2.59	190.64	2.00	0.00	1.00	0.00
2.60	193.67	2.00	0.00	1.00	0.00	2.61	194.31	2.00	0.00	1.00	0.00
2.62	194.95	2.00	0.00	1.00	0.00	2.63	194.57	2.00	0.00	1.00	0.00
2.64	192.73	2.00	0.00	1.00	0.00	2.65	190.32	2.00	0.00	1.00	0.00
2.66	186.08	2.00	0.00	1.00	0.00	2.67	184.78	2.00	0.00	1.00	0.00
2.68	183.49	2.00	0.00	1.00	0.00	2.69	180.93	2.00	0.00	1.00	0.00
2.70	179.63	2.00	0.00	1.00	0.00	2.71	178.68	2.00	0.00	1.00	0.00
2.72	178.07	2.00	0.00	1.00	0.00	2.73	176.65	2.00	0.00	1.00	0.00
2.74	175.35	2.00	0.00	1.00	0.00	2.75	172.64	2.00	0.00	1.00	0.00
2.76	170.75	2.00	0.00	1.00	0.00	2.77	168.96	2.00	0.00	1.00	0.00
2.78	166.64	2.00	0.00	1.00	0.00	2.79	165.46	2.00	0.00	1.00	0.00
2.80	165.56	2.00	0.00	1.00	0.00	2.81	166.12	2.00	0.00	1.00	0.00
2.82	164.82	2.00	0.00	1.00	0.00	2.83	162.83	2.00	0.00	1.00	0.00
2.84	160.59	2.00	0.00	1.00	0.00	2.85	155.62	1.90	0.04	1.00	0.00
2.86	152.87	1.75	0.11	1.00	0.00	2.87	148.18	1.54	0.24	1.00	0.00
2.88	146.25	1.46	0.30	1.00	0.00	2.89	144.79	1.41	0.35	1.00	0.00
2.90	143.45	1.36	0.40	1.00	0.00	2.91	143.33	1.35	0.40	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	143.21	1.35	0.41	1.00	0.00	2.93	136.72	1.16	0.66	1.00	0.01
2.94	136.85	1.16	0.66	1.00	0.01	2.95	136.25	1.15	0.69	1.00	0.01
2.96	134.77	1.11	0.76	1.00	0.01	2.97	134.17	1.10	0.79	1.00	0.01
2.98	133.31	1.08	0.84	1.00	0.01	2.99	133.20	1.07	0.85	1.00	0.01
3.00	134.20	1.10	0.79	1.00	0.01	3.01	135.21	1.12	0.75	1.00	0.01
3.02	134.85	1.11	0.77	1.00	0.01	3.03	133.99	1.09	0.81	1.00	0.01
3.04	132.27	1.05	0.91	1.00	0.01	3.05	130.78	1.02	1.00	1.00	0.01
3.06	129.92	1.00	1.06	1.00	0.01	3.07	129.44	0.99	1.10	1.00	0.01
3.08	126.82	0.94	1.32	1.00	0.01	3.09	125.08	0.91	1.50	1.00	0.01
3.10	123.58	0.89	1.68	1.00	0.02	3.11	120.43	0.84	2.21	1.00	0.02
3.12	119.17	0.82	2.51	1.00	0.03	3.13	117.92	0.81	2.71	1.00	0.03
3.14	116.42	0.79	2.74	1.00	0.03	3.15	115.37	0.78	2.77	1.00	0.03
3.16	115.10	0.77	2.78	1.00	0.03	3.17	113.93	0.76	2.81	1.00	0.03
3.18	113.64	0.75	2.81	1.00	0.03	3.19	113.26	0.75	2.82	1.00	0.03
3.20	113.21	0.75	2.82	1.00	0.03	3.21	112.91	0.75	2.83	1.00	0.03
3.22	113.11	0.75	2.83	1.00	0.03	3.23	113.20	0.75	2.82	1.00	0.03
3.24	113.26	0.75	2.82	1.00	0.03	3.25	114.10	0.76	2.80	1.00	0.03
3.26	114.47	0.76	2.79	1.00	0.03	3.27	114.83	0.76	2.78	1.00	0.03
3.28	115.25	0.77	2.77	1.00	0.03	3.29	115.56	0.77	2.76	1.00	0.03
3.30	116.83	0.79	2.73	1.00	0.03	3.31	117.23	0.79	2.72	1.00	0.03
3.32	117.50	0.79	2.72	1.00	0.03	3.33	116.77	0.78	2.73	1.00	0.03
3.34	115.79	0.77	2.76	1.00	0.03	3.35	113.91	0.75	2.81	1.00	0.03
3.36	112.60	0.74	2.84	1.00	0.03	3.37	109.87	0.71	2.91	1.00	0.03
3.38	109.78	0.71	2.92	1.00	0.03	3.39	109.33	0.70	2.93	1.00	0.03
3.40	109.23	0.70	2.93	1.00	0.03	3.41	109.02	0.70	2.94	1.00	0.03
3.42	111.15	0.72	2.88	1.00	0.03	3.43	113.21	0.74	2.82	1.00	0.03
3.44	115.80	0.77	2.76	1.00	0.03	3.45	121.12	0.84	2.25	1.00	0.02
3.46	123.75	0.87	1.79	1.00	0.02	3.47	125.88	0.91	1.52	1.00	0.02
3.48	127.87	0.94	1.32	1.00	0.01	3.49	131.92	1.01	1.01	1.00	0.01
3.50	134.00	1.06	0.88	1.00	0.01	3.51	135.35	1.09	0.81	1.00	0.01
3.52	136.57	1.12	0.74	1.00	0.01	3.53	136.11	1.10	0.77	1.00	0.01
3.54	135.53	1.09	0.80	1.00	0.01	3.55	134.95	1.08	0.83	1.00	0.01
3.56	134.96	1.08	0.83	1.00	0.01	3.57	134.98	1.08	0.83	1.00	0.01
3.58	134.64	1.07	0.85	1.00	0.01	3.59	133.94	1.05	0.89	1.00	0.01
3.60	131.91	1.01	1.02	1.00	0.01	3.61	130.23	0.98	1.14	1.00	0.01
3.62	128.19	0.94	1.32	1.00	0.01	3.63	125.28	0.89	1.63	1.00	0.02
3.64	118.90	0.80	2.68	1.00	0.03	3.65	116.13	0.76	2.75	1.00	0.03
3.66	114.16	0.74	2.80	1.00	0.03	3.67	113.01	0.73	2.83	1.00	0.03
3.68	112.20	0.72	2.85	1.00	0.03	3.69	109.29	0.69	2.93	1.00	0.03
3.70	109.00	0.69	2.94	1.00	0.03	3.71	107.17	0.67	2.99	1.00	0.03
3.72	104.32	0.65	3.08	1.00	0.03	3.73	103.07	0.64	3.11	1.00	0.03
3.74	103.37	0.64	3.11	1.00	0.03	3.75	105.13	0.65	3.05	1.00	0.03
3.76	106.58	0.66	3.01	1.00	0.03	3.77	106.75	0.67	3.00	1.00	0.03
3.78	106.41	0.66	3.01	1.00	0.03	3.79	105.04	0.65	3.05	1.00	0.03
3.80	103.41	0.64	3.10	1.00	0.03	3.81	100.18	0.61	3.21	1.00	0.03
3.82	98.62	0.60	3.26	1.00	0.03	3.83	97.05	0.59	3.31	1.00	0.03
3.84	96.35	0.58	3.34	1.00	0.03	3.85	97.90	0.59	3.28	1.00	0.03
3.86	98.95	0.60	3.25	1.00	0.03	3.87	100.48	0.61	3.20	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	101.88	0.62	3.15	1.00	0.03	3.89	104.76	0.64	3.06	1.00	0.03
3.90	105.58	0.65	3.04	1.00	0.03	3.91	105.50	0.65	3.04	1.00	0.03
3.92	105.42	0.65	3.04	1.00	0.03	3.93	103.56	0.63	3.10	1.00	0.03
3.94	103.62	0.63	3.10	1.00	0.03	3.95	102.24	0.62	3.14	1.00	0.03
3.96	100.71	0.61	3.19	1.00	0.03	3.97	97.93	0.59	3.28	1.00	0.03
3.98	97.12	0.58	3.31	1.00	0.03	3.99	96.30	0.57	3.34	1.00	0.03
4.00	95.33	0.57	3.37	1.00	0.03	4.01	93.70	0.56	3.43	1.00	0.03
4.02	92.85	0.55	3.46	1.00	0.03	4.03	92.12	0.55	3.49	1.00	0.03
4.04	90.62	0.54	3.55	1.00	0.04	4.05	89.94	0.53	3.58	1.00	0.04
4.06	89.98	0.53	3.57	1.00	0.04	4.07	90.67	0.54	3.55	1.00	0.04
4.08	92.80	0.55	3.47	1.00	0.03	4.09	94.39	0.56	3.41	1.00	0.03
4.10	96.76	0.57	3.32	1.00	0.03	4.11	99.63	0.59	3.23	1.00	0.03
4.12	105.28	0.64	3.05	1.00	0.03	4.13	107.59	0.66	2.98	1.00	0.03
4.14	109.38	0.68	2.93	1.00	0.03	4.15	110.67	0.69	2.89	1.00	0.03
4.16	111.96	0.70	2.86	1.00	0.03	4.17	112.25	0.70	2.85	1.00	0.03
4.18	111.92	0.70	2.86	1.00	0.03	4.19	109.98	0.68	2.91	1.00	0.03
4.20	108.28	0.66	2.96	1.00	0.03	4.21	106.33	0.65	3.02	1.00	0.03
4.22	104.63	0.63	3.07	1.00	0.03	4.23	101.07	0.60	3.18	1.00	0.03
4.24	99.67	0.59	3.22	1.00	0.03	4.25	98.25	0.58	3.27	1.00	0.03
4.26	96.96	0.57	3.32	1.00	0.03	4.27	95.02	0.56	3.38	1.00	0.03
4.28	94.60	0.55	3.40	1.00	0.03	4.29	94.50	0.55	3.40	1.00	0.03
4.30	94.83	0.56	3.39	1.00	0.03	4.31	96.15	0.56	3.34	1.00	0.03
4.32	96.76	0.57	3.32	1.00	0.03	4.33	97.20	0.57	3.31	1.00	0.03
4.34	97.50	0.57	3.30	1.00	0.03	4.35	97.69	0.57	3.29	1.00	0.03
4.36	97.43	0.57	3.30	1.00	0.03	4.37	96.94	0.57	3.32	1.00	0.03
4.38	96.71	0.57	3.32	1.00	0.03	4.39	95.68	0.56	3.36	1.00	0.03
4.40	95.55	0.56	3.36	1.00	0.03	4.41	95.17	0.56	3.38	1.00	0.03
4.42	95.32	0.56	3.37	1.00	0.03	4.43	95.12	0.55	3.38	1.00	0.03
4.44	95.52	0.56	3.37	1.00	0.03	4.45	95.72	0.56	3.36	1.00	0.03
4.46	95.56	0.56	3.36	1.00	0.03	4.47	95.59	0.56	3.36	1.00	0.03
4.48	95.81	0.56	3.36	1.00	0.03	4.49	95.83	0.56	3.36	1.00	0.03
4.50	95.68	0.56	3.36	1.00	0.03	4.51	95.84	0.56	3.35	1.00	0.03
4.52	95.77	0.56	3.36	1.00	0.03	4.53	95.70	0.56	3.36	1.00	0.03
4.54	95.64	0.55	3.36	1.00	0.03	4.55	95.16	0.55	3.38	1.00	0.03
4.56	94.83	0.55	3.39	1.00	0.03	4.57	94.90	0.55	3.39	1.00	0.03
4.58	94.66	0.55	3.40	1.00	0.03	4.59	94.78	0.55	3.39	1.00	0.03
4.60	94.64	0.55	3.40	1.00	0.03	4.61	94.71	0.55	3.40	1.00	0.03
4.62	94.71	0.55	3.40	1.00	0.03	4.63	94.74	0.55	3.39	1.00	0.03
4.64	94.56	0.55	3.40	1.00	0.03	4.65	94.46	0.54	3.40	1.00	0.03
4.66	94.47	0.54	3.40	1.00	0.03	4.67	93.99	0.54	3.42	1.00	0.03
4.68	94.51	0.54	3.40	1.00	0.03	4.69	94.30	0.54	3.41	1.00	0.03
4.70	94.39	0.54	3.41	1.00	0.03	4.71	95.02	0.55	3.38	1.00	0.03
4.72	94.99	0.55	3.39	1.00	0.03	4.73	95.57	0.55	3.36	1.00	0.03
4.74	95.68	0.55	3.36	1.00	0.03	4.75	95.83	0.55	3.36	1.00	0.03
4.76	95.87	0.55	3.35	1.00	0.03	4.77	95.80	0.55	3.36	1.00	0.03
4.78	95.29	0.55	3.37	1.00	0.03	4.79	92.77	0.53	3.47	1.00	0.03
4.80	91.60	0.52	3.51	1.00	0.04	4.81	91.33	0.52	3.52	1.00	0.04
4.82	90.22	0.52	3.56	1.00	0.04	4.83	91.85	0.53	3.50	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	93.01	0.53	3.46	1.00	0.03	4.85	95.99	0.55	3.35	1.00	0.03
4.86	96.13	0.55	3.34	1.00	0.03	4.87	98.62	0.57	3.26	1.00	0.03
4.88	99.37	0.57	3.23	1.00	0.03	4.89	100.59	0.58	3.19	1.00	0.03
4.90	98.58	0.57	3.26	1.00	0.03	4.91	99.95	0.58	3.21	1.00	0.03
4.92	97.96	0.56	3.28	1.00	0.03	4.93	92.02	0.52	3.49	1.00	0.03
4.94	89.30	0.51	3.60	1.00	0.04	4.95	90.68	0.52	3.55	1.00	0.04
4.96	91.28	0.52	3.52	1.00	0.04	4.97	91.52	0.52	3.51	1.00	0.04
4.98	90.34	0.51	3.56	1.00	0.04	4.99	90.37	0.51	3.56	1.00	0.04
5.00	90.11	0.51	3.57	1.00	0.04	5.01	89.05	0.51	3.61	1.00	0.04
5.02	88.60	0.50	3.63	1.00	0.04	5.03	88.03	0.50	3.65	1.00	0.04
5.04	87.60	0.50	3.67	1.00	0.04	5.05	87.30	0.50	3.68	1.00	0.04
5.06	86.41	0.49	3.72	1.00	0.04	5.07	86.05	0.49	3.73	1.00	0.04
5.08	85.36	0.49	3.76	1.00	0.04	5.09	84.79	0.48	3.79	1.00	0.04
5.10	83.84	0.48	3.83	1.00	0.04	5.11	82.96	0.47	3.87	1.00	0.04
5.12	82.13	0.47	3.91	1.00	0.04	5.13	81.54	0.47	3.94	1.00	0.04
5.14	80.99	0.46	3.96	1.00	0.04	5.15	79.94	0.46	4.01	1.00	0.04
5.16	79.40	0.46	4.04	1.00	0.04	5.17	78.93	0.45	4.06	1.00	0.04
5.18	78.15	0.45	4.10	1.00	0.04	5.19	78.28	0.45	4.09	1.00	0.04
5.20	77.64	0.45	4.13	1.00	0.04	5.21	77.43	0.45	4.14	1.00	0.04
5.22	77.06	0.44	4.16	1.00	0.04	5.23	76.98	0.44	4.16	1.00	0.04
5.24	77.45	0.45	4.14	1.00	0.04	5.25	78.29	0.45	4.09	1.00	0.04
5.26	79.14	0.45	4.05	1.00	0.04	5.27	80.59	0.46	3.98	1.00	0.04
5.28	83.47	0.47	3.85	1.00	0.04	5.29	79.21	0.45	4.05	1.00	0.04
5.30	79.56	0.45	4.03	1.00	0.04	5.31	78.25	0.45	4.09	1.00	0.04
5.32	21.21	2.00	0.00	1.00	0.00	5.33	20.63	2.00	0.00	1.00	0.00
5.34	21.95	2.00	0.00	1.00	0.00	5.35	25.43	2.00	0.00	1.00	0.00
5.36	88.40	0.50	3.64	1.00	0.04	5.37	107.46	0.63	2.98	1.00	0.03
5.38	109.10	0.64	2.94	1.00	0.03	5.39	107.54	0.63	2.98	1.00	0.03
5.40	102.27	0.58	3.14	1.00	0.03	5.41	97.15	0.55	3.31	1.00	0.03
5.42	96.24	0.54	3.34	1.00	0.03	5.43	94.82	0.53	3.39	1.00	0.03
5.44	93.95	0.53	3.42	1.00	0.03	5.45	92.32	0.52	3.48	1.00	0.03
5.46	89.24	0.50	3.60	1.00	0.04	5.47	87.97	0.49	3.65	1.00	0.04
5.48	86.23	0.48	3.73	1.00	0.04	5.49	84.51	0.48	3.80	1.00	0.04
5.50	80.49	0.46	3.99	1.00	0.04	5.51	80.42	0.46	3.99	1.00	0.04
5.52	82.41	0.46	3.90	1.00	0.04	5.53	85.26	0.48	3.77	1.00	0.04
5.54	91.70	0.51	3.51	1.00	0.04	5.55	93.88	0.52	3.43	1.00	0.03
5.56	95.07	0.53	3.38	1.00	0.03	5.57	95.45	0.53	3.37	1.00	0.03
5.58	94.93	0.53	3.39	1.00	0.03	5.59	93.85	0.52	3.43	1.00	0.03
5.60	94.53	0.53	3.40	1.00	0.03	5.61	94.20	0.53	3.41	1.00	0.03
5.62	93.39	0.52	3.44	1.00	0.03	5.63	91.75	0.51	3.50	1.00	0.04
5.64	90.92	0.51	3.54	1.00	0.04	5.65	90.67	0.51	3.55	1.00	0.04
5.66	90.47	0.50	3.55	1.00	0.04	5.67	90.45	0.50	3.56	1.00	0.04
5.68	90.05	0.50	3.57	1.00	0.04	5.69	89.70	0.50	3.58	1.00	0.04
5.70	88.78	0.49	3.62	1.00	0.04	5.71	86.21	0.48	3.73	1.00	0.04
5.72	84.27	0.47	3.81	1.00	0.04	5.73	82.34	0.46	3.90	1.00	0.04
5.74	81.07	0.46	3.96	1.00	0.04	5.75	78.03	0.44	4.11	1.00	0.04
5.76	79.70	0.45	4.02	1.00	0.04	5.77	83.04	0.47	3.87	1.00	0.04
5.78	82.07	0.46	3.91	1.00	0.04	5.79	84.48	0.47	3.80	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	84.61	0.47	3.80	1.00	0.04	5.81	84.51	0.47	3.80	1.00	0.04
5.82	84.31	0.47	3.81	1.00	0.04	5.83	84.16	0.47	3.82	1.00	0.04
5.84	83.89	0.47	3.83	1.00	0.04	5.85	82.87	0.46	3.87	1.00	0.04
5.86	82.95	0.46	3.87	1.00	0.04	5.87	82.71	0.46	3.88	1.00	0.04
5.88	82.51	0.46	3.89	1.00	0.04	5.89	82.23	0.46	3.90	1.00	0.04
5.90	82.00	0.46	3.91	1.00	0.04	5.91	81.84	0.46	3.92	1.00	0.04
5.92	79.93	0.45	4.01	1.00	0.04	5.93	77.42	0.44	4.14	1.00	0.04
5.94	74.47	0.43	4.29	1.00	0.04	5.95	74.78	0.43	4.28	1.00	0.04
5.96	75.15	0.43	4.26	1.00	0.04	5.97	75.29	0.43	4.25	1.00	0.04
5.98	75.32	0.43	4.25	1.00	0.04	5.99	75.35	0.43	4.24	1.00	0.04
6.00	75.02	0.43	4.26	1.00	0.04	6.01	73.85	0.42	4.33	1.00	0.04
6.02	73.50	0.42	4.35	1.00	0.04	6.03	73.27	0.42	4.36	1.00	0.04
6.04	73.32	0.42	4.36	1.00	0.04	6.05	74.09	0.42	4.31	1.00	0.04
6.06	74.12	0.42	4.31	1.00	0.04	6.07	74.30	0.42	4.30	1.00	0.04
6.08	74.04	0.42	4.32	1.00	0.04	6.09	74.30	0.42	4.30	1.00	0.04
6.10	74.02	0.42	4.32	1.00	0.04	6.11	73.93	0.42	4.32	1.00	0.04
6.12	73.85	0.42	4.33	1.00	0.04	6.13	74.06	0.42	4.31	1.00	0.04
6.14	72.16	0.41	4.42	1.00	0.04	6.15	72.57	0.42	4.40	1.00	0.04
6.16	72.65	0.42	4.39	1.00	0.04	6.17	74.00	0.42	4.32	1.00	0.04
6.18	75.48	0.43	4.24	1.00	0.04	6.19	76.19	0.43	4.20	1.00	0.04
6.20	77.57	0.44	4.13	1.00	0.04	6.21	78.30	0.44	4.09	1.00	0.04
6.22	78.73	0.44	4.07	1.00	0.04	6.23	79.36	0.44	4.04	1.00	0.04
6.24	76.70	0.43	4.17	1.00	0.04	6.25	76.49	0.43	4.19	1.00	0.04
6.26	18.49	2.00	0.00	1.00	0.00	6.27	78.17	0.44	4.10	1.00	0.04
6.28	85.23	0.47	3.77	1.00	0.04	6.29	93.15	0.51	3.45	1.00	0.03
6.30	98.99	0.55	3.25	1.00	0.03	6.31	100.98	0.56	3.18	1.00	0.03
6.32	101.92	0.57	3.15	1.00	0.03	6.33	97.81	0.54	3.29	1.00	0.03
6.34	95.82	0.53	3.36	1.00	0.03	6.35	95.42	0.52	3.37	1.00	0.03
6.36	93.26	0.51	3.45	1.00	0.03	6.37	93.38	0.51	3.44	1.00	0.03
6.38	93.13	0.51	3.45	1.00	0.03	6.39	92.30	0.51	3.48	1.00	0.03
6.40	92.39	0.51	3.48	1.00	0.03	6.41	86.56	0.47	3.71	1.00	0.04
6.42	84.66	0.47	3.79	1.00	0.04	6.43	82.35	0.45	3.90	1.00	0.04
6.44	80.43	0.45	3.99	1.00	0.04	6.45	79.08	0.44	4.05	1.00	0.04
6.46	21.29	2.00	0.00	1.00	0.00	6.47	18.99	2.00	0.00	1.00	0.00
6.48	22.25	2.00	0.00	1.00	0.00	6.49	85.20	0.47	3.77	1.00	0.04
6.50	89.74	0.49	3.58	1.00	0.04	6.51	96.78	0.53	3.32	1.00	0.03
6.52	95.84	0.53	3.35	1.00	0.03	6.53	94.57	0.52	3.40	1.00	0.03
6.54	93.02	0.51	3.46	1.00	0.03	6.55	91.15	0.50	3.53	1.00	0.04
6.56	85.13	0.47	3.77	1.00	0.04	6.57	83.12	0.46	3.86	1.00	0.04
6.58	81.10	0.45	3.96	1.00	0.04	6.59	78.67	0.44	4.07	1.00	0.04
6.60	19.96	2.00	0.00	1.00	0.00	6.61	16.52	2.00	0.00	1.00	0.00
6.62	15.61	2.00	0.00	1.00	0.00	6.63	15.35	2.00	0.00	1.00	0.00
6.64	15.34	2.00	0.00	1.00	0.00	6.65	15.96	2.00	0.00	1.00	0.00
6.66	17.72	2.00	0.00	1.00	0.00	6.67	19.48	2.00	0.00	1.00	0.00
6.68	21.72	2.00	0.00	1.00	0.00	6.69	81.16	0.45	3.95	1.00	0.04
6.70	82.51	0.45	3.89	1.00	0.04	6.71	82.61	0.45	3.89	1.00	0.04
6.72	82.73	0.45	3.88	1.00	0.04	6.73	82.23	0.45	3.90	1.00	0.04
6.74	82.37	0.45	3.90	1.00	0.04	6.75	81.90	0.45	3.92	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	81.91	0.45	3.92	1.00	0.04	6.77	81.31	0.45	3.95	1.00	0.04
6.78	80.71	0.45	3.98	1.00	0.04	6.79	79.09	0.44	4.05	1.00	0.04
6.80	77.79	0.43	4.12	1.00	0.04	6.81	76.22	0.43	4.20	1.00	0.04
6.82	74.42	0.42	4.30	1.00	0.04	6.83	72.74	0.41	4.39	1.00	0.04
6.84	71.69	0.41	4.45	1.00	0.04	6.85	71.07	0.41	4.48	1.00	0.04
6.86	69.76	0.40	4.56	1.00	0.05	6.87	68.90	0.40	4.62	1.00	0.05
6.88	68.20	0.40	4.66	1.00	0.05	6.89	68.54	0.40	4.64	1.00	0.05
6.90	67.98	0.39	4.67	1.00	0.05	6.91	68.59	0.40	4.64	1.00	0.05
6.92	68.29	0.40	4.65	1.00	0.05	6.93	66.56	0.39	4.77	1.00	0.05
6.94	66.57	0.39	4.76	1.00	0.05	6.95	67.13	0.39	4.73	1.00	0.05
6.96	68.18	0.39	4.66	1.00	0.05	6.97	68.92	0.40	4.62	1.00	0.05
6.98	69.64	0.40	4.57	1.00	0.05	6.99	70.25	0.40	4.53	1.00	0.05
7.00	72.99	0.41	4.37	1.00	0.04	7.01	74.97	0.42	4.27	1.00	0.04
7.02	76.49	0.43	4.19	1.00	0.04	7.03	77.83	0.43	4.12	1.00	0.04
7.04	79.83	0.44	4.02	1.00	0.04	7.05	82.37	0.45	3.90	1.00	0.04
7.06	89.42	0.48	3.60	1.00	0.04	7.07	93.07	0.50	3.46	1.00	0.03
7.08	96.33	0.52	3.34	1.00	0.03	7.09	99.39	0.54	3.23	1.00	0.03
7.10	104.81	0.58	3.06	1.00	0.03	7.11	106.19	0.59	3.02	1.00	0.03
7.12	107.68	0.60	2.98	1.00	0.03	7.13	108.07	0.61	2.97	1.00	0.03
7.14	107.53	0.60	2.98	1.00	0.03	7.15	107.05	0.60	3.00	1.00	0.03
7.16	105.78	0.59	3.03	1.00	0.03	7.17	104.07	0.57	3.08	1.00	0.03
7.18	101.53	0.56	3.16	1.00	0.03	7.19	98.27	0.53	3.27	1.00	0.03
7.20	93.63	0.51	3.43	1.00	0.03	7.21	90.22	0.49	3.56	1.00	0.04
7.22	88.79	0.48	3.62	1.00	0.04	7.23	87.85	0.48	3.66	1.00	0.04
7.24	87.93	0.48	3.66	1.00	0.04	7.25	85.88	0.47	3.74	1.00	0.04
7.26	85.49	0.46	3.76	1.00	0.04	7.27	84.91	0.46	3.78	1.00	0.04
7.28	84.56	0.46	3.80	1.00	0.04	7.29	84.05	0.46	3.82	1.00	0.04
7.30	83.92	0.46	3.83	1.00	0.04	7.31	83.85	0.46	3.83	1.00	0.04
7.32	83.79	0.46	3.83	1.00	0.04	7.33	83.81	0.46	3.83	1.00	0.04
7.34	86.36	0.47	3.72	1.00	0.04	7.35	87.13	0.47	3.69	1.00	0.04
7.36	88.67	0.48	3.63	1.00	0.04	7.37	90.04	0.49	3.57	1.00	0.04
7.38	90.35	0.49	3.56	1.00	0.04	7.39	92.56	0.50	3.47	1.00	0.03
7.40	91.42	0.49	3.52	1.00	0.04	7.41	90.74	0.49	3.54	1.00	0.04
7.42	88.56	0.48	3.63	1.00	0.04	7.43	85.44	0.46	3.76	1.00	0.04
7.44	80.40	0.44	3.99	1.00	0.04	7.45	76.56	0.42	4.18	1.00	0.04
7.46	73.07	0.41	4.37	1.00	0.04	7.47	71.98	0.41	4.43	1.00	0.04
7.48	68.81	0.40	4.62	1.00	0.05	7.49	68.66	0.39	4.63	1.00	0.05
7.50	70.36	0.40	4.53	1.00	0.05	7.51	75.00	0.42	4.26	1.00	0.04
7.52	79.77	0.44	4.02	1.00	0.04	7.53	84.85	0.46	3.79	1.00	0.04
7.54	82.91	0.45	3.87	1.00	0.04	7.55	84.17	0.46	3.82	1.00	0.04
7.56	83.00	0.45	3.87	1.00	0.04	7.57	82.75	0.45	3.88	1.00	0.04
7.58	81.62	0.45	3.93	1.00	0.04	7.59	23.25	2.00	0.00	1.00	0.00
7.60	21.33	2.00	0.00	1.00	0.00	7.61	19.76	2.00	0.00	1.00	0.00
7.62	19.39	2.00	0.00	1.00	0.00	7.63	18.54	2.00	0.00	1.00	0.00
7.64	17.69	2.00	0.00	1.00	0.00	7.65	17.44	2.00	0.00	1.00	0.00
7.66	17.30	2.00	0.00	1.00	0.00	7.67	17.05	2.00	0.00	1.00	0.00
7.68	16.56	2.00	0.00	1.00	0.00	7.69	16.55	2.00	0.00	1.00	0.00
7.70	16.42	2.00	0.00	1.00	0.00	7.71	16.29	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	16.28	2.00	0.00	1.00	0.00	7.73	16.27	2.00	0.00	1.00	0.00
7.74	16.62	2.00	0.00	1.00	0.00	7.75	16.85	2.00	0.00	1.00	0.00
7.76	16.96	2.00	0.00	1.00	0.00	7.77	16.83	2.00	0.00	1.00	0.00
7.78	16.34	2.00	0.00	1.00	0.00	7.79	16.09	2.00	0.00	1.00	0.00
7.80	15.72	2.00	0.00	1.00	0.00	7.81	15.24	2.00	0.00	1.00	0.00
7.82	14.99	2.00	0.00	1.00	0.00	7.83	14.75	2.00	0.00	1.00	0.00
7.84	14.26	2.00	0.00	1.00	0.00	7.85	14.02	2.00	0.00	1.00	0.00
7.86	13.77	2.00	0.00	1.00	0.00	7.87	13.64	2.00	0.00	1.00	0.00
7.88	13.40	2.00	0.00	1.00	0.00	7.89	13.15	2.00	0.00	1.00	0.00
7.90	13.03	2.00	0.00	1.00	0.00	7.91	13.02	2.00	0.00	1.00	0.00
7.92	13.01	2.00	0.00	1.00	0.00	7.93	12.76	2.00	0.00	1.00	0.00
7.94	12.87	2.00	0.00	1.00	0.00	7.95	12.99	2.00	0.00	1.00	0.00
7.96	12.86	2.00	0.00	1.00	0.00	7.97	12.85	2.00	0.00	1.00	0.00
7.98	12.73	2.00	0.00	1.00	0.00	7.99	12.72	2.00	0.00	1.00	0.00
8.00	12.71	2.00	0.00	1.00	0.00	8.01	12.70	2.00	0.00	1.00	0.00
8.02	12.69	2.00	0.00	1.00	0.00	8.03	12.69	2.00	0.00	1.00	0.00
8.04	12.56	2.00	0.00	1.00	0.00	8.05	12.32	2.00	0.00	1.00	0.00
8.06	12.31	2.00	0.00	1.00	0.00	8.07	12.42	2.00	0.00	1.00	0.00
8.08	12.42	2.00	0.00	1.00	0.00	8.09	12.41	2.00	0.00	1.00	0.00
8.10	12.17	2.00	0.00	1.00	0.00	8.11	11.92	2.00	0.00	1.00	0.00
8.12	11.68	2.00	0.00	1.00	0.00	8.13	11.44	2.00	0.00	1.00	0.00
8.14	11.20	2.00	0.00	1.00	0.00	8.15	11.08	2.00	0.00	1.00	0.00
8.16	11.07	2.00	0.00	1.00	0.00	8.17	10.95	2.00	0.00	1.00	0.00
8.18	10.82	2.00	0.00	1.00	0.00	8.19	10.46	2.00	0.00	1.00	0.00
8.20	10.46	2.00	0.00	1.00	0.00	8.21	10.45	2.00	0.00	1.00	0.00
8.22	10.33	2.00	0.00	1.00	0.00	8.23	10.21	2.00	0.00	1.00	0.00
8.24	10.20	2.00	0.00	1.00	0.00	8.25	10.19	2.00	0.00	1.00	0.00
8.26	10.19	2.00	0.00	1.00	0.00	8.27	9.95	2.00	0.00	1.00	0.00
8.28	9.94	2.00	0.00	1.00	0.00	8.29	9.94	2.00	0.00	1.00	0.00
8.30	9.82	2.00	0.00	1.00	0.00	8.31	9.81	2.00	0.00	1.00	0.00
8.32	9.69	2.00	0.00	1.00	0.00	8.33	9.45	2.00	0.00	1.00	0.00
8.34	9.33	2.00	0.00	1.00	0.00	8.35	9.44	2.00	0.00	1.00	0.00
8.36	9.44	2.00	0.00	1.00	0.00	8.37	9.43	2.00	0.00	1.00	0.00
8.38	9.78	2.00	0.00	1.00	0.00	8.39	10.00	2.00	0.00	1.00	0.00
8.40	10.23	2.00	0.00	1.00	0.00	8.41	10.58	2.00	0.00	1.00	0.00
8.42	10.69	2.00	0.00	1.00	0.00	8.43	10.69	2.00	0.00	1.00	0.00
8.44	10.68	2.00	0.00	1.00	0.00	8.45	10.68	2.00	0.00	1.00	0.00
8.46	10.79	2.00	0.00	1.00	0.00	8.47	10.90	2.00	0.00	1.00	0.00
8.48	11.36	2.00	0.00	1.00	0.00	8.49	11.70	2.00	0.00	1.00	0.00
8.50	12.16	2.00	0.00	1.00	0.00	8.51	12.38	2.00	0.00	1.00	0.00
8.52	12.49	2.00	0.00	1.00	0.00	8.53	12.48	2.00	0.00	1.00	0.00
8.54	12.13	2.00	0.00	1.00	0.00	8.55	12.24	2.00	0.00	1.00	0.00
8.56	12.47	2.00	0.00	1.00	0.00	8.57	12.46	2.00	0.00	1.00	0.00
8.58	12.33	2.00	0.00	1.00	0.00	8.59	12.33	2.00	0.00	1.00	0.00
8.60	12.55	2.00	0.00	1.00	0.00	8.61	12.66	2.00	0.00	1.00	0.00
8.62	12.77	2.00	0.00	1.00	0.00	8.63	12.87	2.00	0.00	1.00	0.00
8.64	13.10	2.00	0.00	1.00	0.00	8.65	13.09	2.00	0.00	1.00	0.00
8.66	13.08	2.00	0.00	1.00	0.00	8.67	13.07	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	12.95	2.00	0.00	1.00	0.00	8.69	12.83	2.00	0.00	1.00	0.00
8.70	12.71	2.00	0.00	1.00	0.00	8.71	12.70	2.00	0.00	1.00	0.00
8.72	12.70	2.00	0.00	1.00	0.00	8.73	12.69	2.00	0.00	1.00	0.00
8.74	12.45	2.00	0.00	1.00	0.00	8.75	12.22	2.00	0.00	1.00	0.00
8.76	12.21	2.00	0.00	1.00	0.00	8.77	12.32	2.00	0.00	1.00	0.00
8.78	12.09	2.00	0.00	1.00	0.00	8.79	11.74	2.00	0.00	1.00	0.00
8.80	11.62	2.00	0.00	1.00	0.00	8.81	11.84	2.00	0.00	1.00	0.00
8.82	11.84	2.00	0.00	1.00	0.00	8.83	11.94	2.00	0.00	1.00	0.00
8.84	12.05	2.00	0.00	1.00	0.00	8.85	11.82	2.00	0.00	1.00	0.00
8.86	11.81	2.00	0.00	1.00	0.00	8.87	11.69	2.00	0.00	1.00	0.00
8.88	11.46	2.00	0.00	1.00	0.00	8.89	11.34	2.00	0.00	1.00	0.00
8.90	11.45	2.00	0.00	1.00	0.00	8.91	11.44	2.00	0.00	1.00	0.00
8.92	11.44	2.00	0.00	1.00	0.00	8.93	13.81	2.00	0.00	1.00	0.00
8.94	13.58	2.00	0.00	1.00	0.00	8.95	13.57	2.00	0.00	1.00	0.00
8.96	13.56	2.00	0.00	1.00	0.00	8.97	13.67	2.00	0.00	1.00	0.00
8.98	14.11	2.00	0.00	1.00	0.00	8.99	14.67	2.00	0.00	1.00	0.00
9.00	15.00	2.00	0.00	1.00	0.00	9.01	16.00	2.00	0.00	1.00	0.00
9.02	17.23	2.00	0.00	1.00	0.00	9.03	17.89	2.00	0.00	1.00	0.00
9.04	18.44	2.00	0.00	1.00	0.00	9.05	18.99	2.00	0.00	1.00	0.00
9.06	19.42	2.00	0.00	1.00	0.00	9.07	19.75	2.00	0.00	1.00	0.00
9.08	19.96	2.00	0.00	1.00	0.00	9.09	20.05	2.00	0.00	1.00	0.00
9.10	20.15	2.00	0.00	1.00	0.00	9.11	19.91	2.00	0.00	1.00	0.00
9.12	19.34	2.00	0.00	1.00	0.00	9.13	19.00	2.00	0.00	1.00	0.00
9.14	18.98	2.00	0.00	1.00	0.00	9.15	18.64	2.00	0.00	1.00	0.00
9.16	18.52	2.00	0.00	1.00	0.00	9.17	18.39	2.00	0.00	1.00	0.00
9.18	18.27	2.00	0.00	1.00	0.00	9.19	18.26	2.00	0.00	1.00	0.00
9.20	18.25	2.00	0.00	1.00	0.00	9.21	18.24	2.00	0.00	1.00	0.00
9.22	18.12	2.00	0.00	1.00	0.00	9.23	18.11	2.00	0.00	1.00	0.00
9.24	17.66	2.00	0.00	1.00	0.00	9.25	17.65	2.00	0.00	1.00	0.00
9.26	17.75	2.00	0.00	1.00	0.00	9.27	17.96	2.00	0.00	1.00	0.00
9.28	17.73	2.00	0.00	1.00	0.00	9.29	17.17	2.00	0.00	1.00	0.00
9.30	16.83	2.00	0.00	1.00	0.00	9.31	16.82	2.00	0.00	1.00	0.00
9.32	17.03	2.00	0.00	1.00	0.00	9.33	16.80	2.00	0.00	1.00	0.00
9.34	16.46	2.00	0.00	1.00	0.00	9.35	16.12	2.00	0.00	1.00	0.00
9.36	15.34	2.00	0.00	1.00	0.00	9.37	15.01	2.00	0.00	1.00	0.00
9.38	14.78	2.00	0.00	1.00	0.00	9.39	14.44	2.00	0.00	1.00	0.00
9.40	14.32	2.00	0.00	1.00	0.00	9.41	13.87	2.00	0.00	1.00	0.00
9.42	13.32	2.00	0.00	1.00	0.00	9.43	13.42	2.00	0.00	1.00	0.00
9.44	13.41	2.00	0.00	1.00	0.00	9.45	13.84	2.00	0.00	1.00	0.00
9.46	13.94	2.00	0.00	1.00	0.00	9.47	14.05	2.00	0.00	1.00	0.00
9.48	14.15	2.00	0.00	1.00	0.00	9.49	14.36	2.00	0.00	1.00	0.00
9.50	14.68	2.00	0.00	1.00	0.00	9.51	14.56	2.00	0.00	1.00	0.00
9.52	14.67	2.00	0.00	1.00	0.00	9.53	15.64	2.00	0.00	1.00	0.00
9.54	16.07	2.00	0.00	1.00	0.00	9.55	16.50	2.00	0.00	1.00	0.00
9.56	16.60	2.00	0.00	1.00	0.00	9.57	16.59	2.00	0.00	1.00	0.00
9.58	16.58	2.00	0.00	1.00	0.00	9.59	16.14	2.00	0.00	1.00	0.00
9.60	15.81	2.00	0.00	1.00	0.00	9.61	15.69	2.00	0.00	1.00	0.00
9.62	14.92	2.00	0.00	1.00	0.00	9.63	14.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	14.25	2.00	0.00	1.00	0.00	9.65	13.81	2.00	0.00	1.00	0.00
9.66	13.47	2.00	0.00	1.00	0.00	9.67	13.03	2.00	0.00	1.00	0.00
9.68	12.92	2.00	0.00	1.00	0.00	9.69	12.69	2.00	0.00	1.00	0.00
9.70	12.58	2.00	0.00	1.00	0.00	9.71	12.57	2.00	0.00	1.00	0.00
9.72	12.45	2.00	0.00	1.00	0.00	9.73	12.23	2.00	0.00	1.00	0.00
9.74	12.01	2.00	0.00	1.00	0.00	9.75	12.00	2.00	0.00	1.00	0.00
9.76	12.21	2.00	0.00	1.00	0.00	9.77	12.31	2.00	0.00	1.00	0.00
9.78	12.41	2.00	0.00	1.00	0.00	9.79	12.52	2.00	0.00	1.00	0.00
9.80	12.62	2.00	0.00	1.00	0.00	9.81	12.61	2.00	0.00	1.00	0.00
9.82	12.71	2.00	0.00	1.00	0.00	9.83	12.60	2.00	0.00	1.00	0.00
9.84	12.49	2.00	0.00	1.00	0.00	9.85	12.70	2.00	0.00	1.00	0.00
9.86	13.01	2.00	0.00	1.00	0.00	9.87	13.12	2.00	0.00	1.00	0.00
9.88	13.11	2.00	0.00	1.00	0.00	9.89	12.99	2.00	0.00	1.00	0.00
9.90	13.10	2.00	0.00	1.00	0.00	9.91	13.09	2.00	0.00	1.00	0.00
9.92	13.08	2.00	0.00	1.00	0.00	9.93	12.32	2.00	0.00	1.00	0.00
9.94	12.32	2.00	0.00	1.00	0.00	9.95	12.20	2.00	0.00	1.00	0.00
9.96	12.09	2.00	0.00	1.00	0.00	9.97	12.08	2.00	0.00	1.00	0.00
9.98	12.08	2.00	0.00	1.00	0.00	9.99	11.97	2.00	0.00	1.00	0.00
10.00	11.96	2.00	0.00	1.00	0.00	10.01	11.95	2.00	0.00	1.00	0.00
10.02	11.84	2.00	0.00	1.00	0.00	10.03	11.83	2.00	0.00	1.00	0.00
10.04	12.04	2.00	0.00	1.00	0.00	10.05	12.14	2.00	0.00	1.00	0.00
10.06	12.14	2.00	0.00	1.00	0.00	10.07	12.13	2.00	0.00	1.00	0.00
10.08	12.12	2.00	0.00	1.00	0.00	10.09	12.01	2.00	0.00	1.00	0.00
10.10	12.00	2.00	0.00	1.00	0.00	10.11	12.10	2.00	0.00	1.00	0.00
10.12	12.31	2.00	0.00	1.00	0.00	10.13	12.52	2.00	0.00	1.00	0.00
10.14	12.62	2.00	0.00	1.00	0.00	10.15	12.61	2.00	0.00	1.00	0.00
10.16	12.60	2.00	0.00	1.00	0.00	10.17	12.70	2.00	0.00	1.00	0.00
10.18	12.70	2.00	0.00	1.00	0.00	10.19	12.59	2.00	0.00	1.00	0.00
10.20	12.58	2.00	0.00	1.00	0.00	10.21	12.68	2.00	0.00	1.00	0.00
10.22	12.67	2.00	0.00	1.00	0.00	10.23	12.67	2.00	0.00	1.00	0.00
10.24	12.77	2.00	0.00	1.00	0.00	10.25	12.86	2.00	0.00	1.00	0.00
10.26	12.86	2.00	0.00	1.00	0.00	10.27	12.85	2.00	0.00	1.00	0.00
10.28	12.74	2.00	0.00	1.00	0.00	10.29	12.52	2.00	0.00	1.00	0.00
10.30	12.41	2.00	0.00	1.00	0.00	10.31	12.40	2.00	0.00	1.00	0.00
10.32	12.40	2.00	0.00	1.00	0.00	10.33	12.50	2.00	0.00	1.00	0.00
10.34	12.60	2.00	0.00	1.00	0.00	10.35	12.59	2.00	0.00	1.00	0.00
10.36	12.48	2.00	0.00	1.00	0.00	10.37	12.47	2.00	0.00	1.00	0.00
10.38	12.47	2.00	0.00	1.00	0.00	10.39	12.46	2.00	0.00	1.00	0.00
10.40	12.45	2.00	0.00	1.00	0.00	10.41	12.34	2.00	0.00	1.00	0.00
10.42	12.23	2.00	0.00	1.00	0.00	10.43	12.23	2.00	0.00	1.00	0.00
10.44	12.11	2.00	0.00	1.00	0.00	10.45	12.00	2.00	0.00	1.00	0.00
10.46	12.00	2.00	0.00	1.00	0.00	10.47	11.99	2.00	0.00	1.00	0.00
10.48	11.99	2.00	0.00	1.00	0.00	10.49	12.19	2.00	0.00	1.00	0.00
10.50	12.29	2.00	0.00	1.00	0.00	10.51	12.28	2.00	0.00	1.00	0.00
10.52	12.38	2.00	0.00	1.00	0.00	10.53	12.58	2.00	0.00	1.00	0.00
10.54	12.78	2.00	0.00	1.00	0.00	10.55	12.99	2.00	0.00	1.00	0.00
10.56	13.19	2.00	0.00	1.00	0.00	10.57	13.29	2.00	0.00	1.00	0.00
10.58	13.49	2.00	0.00	1.00	0.00	10.59	13.48	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	13.47	2.00	0.00	1.00	0.00	10.61	13.57	2.00	0.00	1.00	0.00
10.62	13.67	2.00	0.00	1.00	0.00	10.63	13.66	2.00	0.00	1.00	0.00
10.64	13.86	2.00	0.00	1.00	0.00	10.65	13.96	2.00	0.00	1.00	0.00
10.66	13.95	2.00	0.00	1.00	0.00	10.67	13.95	2.00	0.00	1.00	0.00
10.68	14.04	2.00	0.00	1.00	0.00	10.69	13.93	2.00	0.00	1.00	0.00
10.70	13.93	2.00	0.00	1.00	0.00	10.71	13.82	2.00	0.00	1.00	0.00
10.72	13.71	2.00	0.00	1.00	0.00	10.73	13.60	2.00	0.00	1.00	0.00
10.74	13.28	2.00	0.00	1.00	0.00	10.75	13.17	2.00	0.00	1.00	0.00
10.76	13.06	2.00	0.00	1.00	0.00	10.77	12.95	2.00	0.00	1.00	0.00
10.78	12.74	2.00	0.00	1.00	0.00	10.79	12.63	2.00	0.00	1.00	0.00
10.80	12.52	2.00	0.00	1.00	0.00	10.81	12.61	2.00	0.00	1.00	0.00
10.82	12.40	2.00	0.00	1.00	0.00	10.83	12.29	2.00	0.00	1.00	0.00
10.84	12.18	2.00	0.00	1.00	0.00	10.85	11.97	2.00	0.00	1.00	0.00
10.86	11.66	2.00	0.00	1.00	0.00	10.87	11.55	2.00	0.00	1.00	0.00
10.88	11.44	2.00	0.00	1.00	0.00	10.89	11.54	2.00	0.00	1.00	0.00
10.90	11.43	2.00	0.00	1.00	0.00	10.91	11.42	2.00	0.00	1.00	0.00
10.92	11.42	2.00	0.00	1.00	0.00	10.93	11.52	2.00	0.00	1.00	0.00
10.94	11.61	2.00	0.00	1.00	0.00	10.95	11.51	2.00	0.00	1.00	0.00
10.96	11.60	2.00	0.00	1.00	0.00	10.97	11.60	2.00	0.00	1.00	0.00
10.98	11.80	2.00	0.00	1.00	0.00	10.99	11.89	2.00	0.00	1.00	0.00
11.00	11.99	2.00	0.00	1.00	0.00	11.01	12.29	2.00	0.00	1.00	0.00
11.02	12.69	2.00	0.00	1.00	0.00	11.03	12.89	2.00	0.00	1.00	0.00
11.04	13.19	2.00	0.00	1.00	0.00	11.05	13.39	2.00	0.00	1.00	0.00
11.06	13.49	2.00	0.00	1.00	0.00	11.07	13.48	2.00	0.00	1.00	0.00
11.08	13.47	2.00	0.00	1.00	0.00	11.09	13.36	2.00	0.00	1.00	0.00
11.10	12.95	2.00	0.00	1.00	0.00	11.11	12.84	2.00	0.00	1.00	0.00
11.12	12.63	2.00	0.00	1.00	0.00	11.13	11.82	2.00	0.00	1.00	0.00
11.14	11.51	2.00	0.00	1.00	0.00	11.15	11.40	2.00	0.00	1.00	0.00
11.16	11.29	2.00	0.00	1.00	0.00	11.17	11.19	2.00	0.00	1.00	0.00
11.18	11.08	2.00	0.00	1.00	0.00	11.19	10.87	2.00	0.00	1.00	0.00
11.20	10.76	2.00	0.00	1.00	0.00	11.21	10.66	2.00	0.00	1.00	0.00
11.22	10.65	2.00	0.00	1.00	0.00	11.23	10.65	2.00	0.00	1.00	0.00
11.24	10.95	2.00	0.00	1.00	0.00	11.25	11.45	2.00	0.00	1.00	0.00
11.26	12.05	2.00	0.00	1.00	0.00	11.27	13.86	2.00	0.00	1.00	0.00
11.28	15.17	2.00	0.00	1.00	0.00	11.29	16.57	2.00	0.00	1.00	0.00
11.30	18.08	2.00	0.00	1.00	0.00	11.31	20.59	2.00	0.00	1.00	0.00
11.32	21.08	2.00	0.00	1.00	0.00	11.33	20.77	2.00	0.00	1.00	0.00
11.34	19.45	2.00	0.00	1.00	0.00	11.35	18.44	2.00	0.00	1.00	0.00
11.36	17.43	2.00	0.00	1.00	0.00	11.37	15.51	2.00	0.00	1.00	0.00
11.38	14.80	2.00	0.00	1.00	0.00	11.39	14.49	2.00	0.00	1.00	0.00
11.40	13.88	2.00	0.00	1.00	0.00	11.41	12.17	2.00	0.00	1.00	0.00
11.42	11.76	2.00	0.00	1.00	0.00	11.43	11.56	2.00	0.00	1.00	0.00
11.44	10.95	2.00	0.00	1.00	0.00	11.45	10.84	2.00	0.00	1.00	0.00
11.46	10.94	2.00	0.00	1.00	0.00	11.47	11.34	2.00	0.00	1.00	0.00
11.48	12.93	2.00	0.00	1.00	0.00	11.49	13.63	2.00	0.00	1.00	0.00
11.50	14.32	2.00	0.00	1.00	0.00	11.51	14.82	2.00	0.00	1.00	0.00
11.52	14.71	2.00	0.00	1.00	0.00	11.53	14.61	2.00	0.00	1.00	0.00
11.54	14.00	2.00	0.00	1.00	0.00	11.55	12.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	11.89	2.00	0.00	1.00	0.00	11.57	12.09	2.00	0.00	1.00	0.00
11.58	13.28	2.00	0.00	1.00	0.00	11.59	13.87	2.00	0.00	1.00	0.00
11.60	14.27	2.00	0.00	1.00	0.00	11.61	13.86	2.00	0.00	1.00	0.00
11.62	13.46	2.00	0.00	1.00	0.00	11.63	13.05	2.00	0.00	1.00	0.00
11.64	12.75	2.00	0.00	1.00	0.00	11.65	11.85	2.00	0.00	1.00	0.00
11.66	12.04	2.00	0.00	1.00	0.00	11.67	12.24	2.00	0.00	1.00	0.00
11.68	12.53	2.00	0.00	1.00	0.00	11.69	12.82	2.00	0.00	1.00	0.00
11.70	12.82	2.00	0.00	1.00	0.00	11.71	12.91	2.00	0.00	1.00	0.00
11.72	12.81	2.00	0.00	1.00	0.00	11.73	12.50	2.00	0.00	1.00	0.00
11.74	12.50	2.00	0.00	1.00	0.00	11.75	12.20	2.00	0.00	1.00	0.00
11.76	12.19	2.00	0.00	1.00	0.00	11.77	11.89	2.00	0.00	1.00	0.00
11.78	11.69	2.00	0.00	1.00	0.00	11.79	11.68	2.00	0.00	1.00	0.00
11.80	11.58	2.00	0.00	1.00	0.00	11.81	11.57	2.00	0.00	1.00	0.00
11.82	12.56	2.00	0.00	1.00	0.00	11.83	13.74	2.00	0.00	1.00	0.00
11.84	15.21	2.00	0.00	1.00	0.00	11.85	16.59	2.00	0.00	1.00	0.00
11.86	17.07	2.00	0.00	1.00	0.00	11.87	16.97	2.00	0.00	1.00	0.00
11.88	17.26	2.00	0.00	1.00	0.00	11.89	15.97	2.00	0.00	1.00	0.00
11.90	15.37	2.00	0.00	1.00	0.00	11.91	15.36	2.00	0.00	1.00	0.00
11.92	15.36	2.00	0.00	1.00	0.00	11.93	13.68	2.00	0.00	1.00	0.00
11.94	13.38	2.00	0.00	1.00	0.00	11.95	13.37	2.00	0.00	1.00	0.00
11.96	13.37	2.00	0.00	1.00	0.00	11.97	13.46	2.00	0.00	1.00	0.00
11.98	13.65	2.00	0.00	1.00	0.00	11.99	13.74	2.00	0.00	1.00	0.00
12.00	13.83	2.00	0.00	1.00	0.00	12.01	14.12	2.00	0.00	1.00	0.00
12.02	14.02	2.00	0.00	1.00	0.00	12.03	14.01	2.00	0.00	1.00	0.00
12.04	14.20	2.00	0.00	1.00	0.00	12.05	14.29	2.00	0.00	1.00	0.00
12.06	14.29	2.00	0.00	1.00	0.00	12.07	14.28	2.00	0.00	1.00	0.00
12.08	14.18	2.00	0.00	1.00	0.00	12.09	14.27	2.00	0.00	1.00	0.00
12.10	14.26	2.00	0.00	1.00	0.00	12.11	14.26	2.00	0.00	1.00	0.00
12.12	14.15	2.00	0.00	1.00	0.00	12.13	13.95	2.00	0.00	1.00	0.00
12.14	13.95	2.00	0.00	1.00	0.00	12.15	13.74	2.00	0.00	1.00	0.00
12.16	13.54	2.00	0.00	1.00	0.00	12.17	13.24	2.00	0.00	1.00	0.00
12.18	13.04	2.00	0.00	1.00	0.00	12.19	12.94	2.00	0.00	1.00	0.00
12.20	12.84	2.00	0.00	1.00	0.00	12.21	12.34	2.00	0.00	1.00	0.00
12.22	12.05	2.00	0.00	1.00	0.00	12.23	11.75	2.00	0.00	1.00	0.00
12.24	11.36	2.00	0.00	1.00	0.00	12.25	10.57	2.00	0.00	1.00	0.00
12.26	10.28	2.00	0.00	1.00	0.00	12.27	9.98	2.00	0.00	1.00	0.00
12.28	9.69	2.00	0.00	1.00	0.00	12.29	9.00	2.00	0.00	1.00	0.00
12.30	8.81	2.00	0.00	1.00	0.00	12.31	8.61	2.00	0.00	1.00	0.00
12.32	8.51	2.00	0.00	1.00	0.00	12.33	8.50	2.00	0.00	1.00	0.00
12.34	8.50	2.00	0.00	1.00	0.00	12.35	8.50	2.00	0.00	1.00	0.00
12.36	8.49	2.00	0.00	1.00	0.00	12.37	8.39	2.00	0.00	1.00	0.00
12.38	8.49	2.00	0.00	1.00	0.00	12.39	8.68	2.00	0.00	1.00	0.00
12.40	8.67	2.00	0.00	1.00	0.00	12.41	8.77	2.00	0.00	1.00	0.00
12.42	8.86	2.00	0.00	1.00	0.00	12.43	8.95	2.00	0.00	1.00	0.00
12.44	9.24	2.00	0.00	1.00	0.00	12.45	9.91	2.00	0.00	1.00	0.00
12.46	10.48	2.00	0.00	1.00	0.00	12.47	10.96	2.00	0.00	1.00	0.00
12.48	11.44	2.00	0.00	1.00	0.00	12.49	11.72	2.00	0.00	1.00	0.00
12.50	11.53	2.00	0.00	1.00	0.00	12.51	11.14	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	10.17	2.00	0.00	1.00	0.00	12.53	9.69	2.00	0.00	1.00	0.00
12.54	9.40	2.00	0.00	1.00	0.00	12.55	9.20	2.00	0.00	1.00	0.00
12.56	9.20	2.00	0.00	1.00	0.00	12.57	9.19	2.00	0.00	1.00	0.00
12.58	9.29	2.00	0.00	1.00	0.00	12.59	9.38	2.00	0.00	1.00	0.00
12.60	9.47	2.00	0.00	1.00	0.00	12.61	9.66	2.00	0.00	1.00	0.00
12.62	9.85	2.00	0.00	1.00	0.00	12.63	10.03	2.00	0.00	1.00	0.00
12.64	10.32	2.00	0.00	1.00	0.00	12.65	10.70	2.00	0.00	1.00	0.00
12.66	10.79	2.00	0.00	1.00	0.00	12.67	10.98	2.00	0.00	1.00	0.00
12.68	11.26	2.00	0.00	1.00	0.00	12.69	11.83	2.00	0.00	1.00	0.00
12.70	12.21	2.00	0.00	1.00	0.00	12.71	12.68	2.00	0.00	1.00	0.00
12.72	13.54	2.00	0.00	1.00	0.00	12.73	13.82	2.00	0.00	1.00	0.00
12.74	14.00	2.00	0.00	1.00	0.00	12.75	14.09	2.00	0.00	1.00	0.00
12.76	13.90	2.00	0.00	1.00	0.00	12.77	13.89	2.00	0.00	1.00	0.00
12.78	13.98	2.00	0.00	1.00	0.00	12.79	13.69	2.00	0.00	1.00	0.00
12.80	13.50	2.00	0.00	1.00	0.00	12.81	13.40	2.00	0.00	1.00	0.00
12.82	13.20	2.00	0.00	1.00	0.00	12.83	13.10	2.00	0.00	1.00	0.00
12.84	13.09	2.00	0.00	1.00	0.00	12.85	13.28	2.00	0.00	1.00	0.00
12.86	13.46	2.00	0.00	1.00	0.00	12.87	13.65	2.00	0.00	1.00	0.00
12.88	13.83	2.00	0.00	1.00	0.00	12.89	14.02	2.00	0.00	1.00	0.00
12.90	14.29	2.00	0.00	1.00	0.00	12.91	14.29	2.00	0.00	1.00	0.00
12.92	14.28	2.00	0.00	1.00	0.00	12.93	14.37	2.00	0.00	1.00	0.00
12.94	14.46	2.00	0.00	1.00	0.00	12.95	14.55	2.00	0.00	1.00	0.00
12.96	14.54	2.00	0.00	1.00	0.00	12.97	14.63	2.00	0.00	1.00	0.00
12.98	14.72	2.00	0.00	1.00	0.00	12.99	14.81	2.00	0.00	1.00	0.00
13.00	14.99	2.00	0.00	1.00	0.00	13.01	14.98	2.00	0.00	1.00	0.00
13.02	14.88	2.00	0.00	1.00	0.00	13.03	14.97	2.00	0.00	1.00	0.00
13.04	15.06	2.00	0.00	1.00	0.00	13.05	15.05	2.00	0.00	1.00	0.00
13.06	15.14	2.00	0.00	1.00	0.00	13.07	15.14	2.00	0.00	1.00	0.00
13.08	15.22	2.00	0.00	1.00	0.00	13.09	15.31	2.00	0.00	1.00	0.00
13.10	15.49	2.00	0.00	1.00	0.00	13.11	15.49	2.00	0.00	1.00	0.00
13.12	15.39	2.00	0.00	1.00	0.00	13.13	15.29	2.00	0.00	1.00	0.00
13.14	15.28	2.00	0.00	1.00	0.00	13.15	15.18	2.00	0.00	1.00	0.00
13.16	15.08	2.00	0.00	1.00	0.00	13.17	14.88	2.00	0.00	1.00	0.00
13.18	14.88	2.00	0.00	1.00	0.00	13.19	14.87	2.00	0.00	1.00	0.00
13.20	14.96	2.00	0.00	1.00	0.00	13.21	15.24	2.00	0.00	1.00	0.00
13.22	15.42	2.00	0.00	1.00	0.00	13.23	15.50	2.00	0.00	1.00	0.00
13.24	15.87	2.00	0.00	1.00	0.00	13.25	16.05	2.00	0.00	1.00	0.00
13.26	16.14	2.00	0.00	1.00	0.00	13.27	16.23	2.00	0.00	1.00	0.00
13.28	16.78	2.00	0.00	1.00	0.00	13.29	16.96	2.00	0.00	1.00	0.00
13.30	17.33	2.00	0.00	1.00	0.00	13.31	17.42	2.00	0.00	1.00	0.00
13.32	17.60	2.00	0.00	1.00	0.00	13.33	17.59	2.00	0.00	1.00	0.00
13.34	17.58	2.00	0.00	1.00	0.00	13.35	17.48	2.00	0.00	1.00	0.00
13.36	17.38	2.00	0.00	1.00	0.00	13.37	17.47	2.00	0.00	1.00	0.00
13.38	17.55	2.00	0.00	1.00	0.00	13.39	17.55	2.00	0.00	1.00	0.00
13.40	18.19	2.00	0.00	1.00	0.00	13.41	18.28	2.00	0.00	1.00	0.00
13.42	18.36	2.00	0.00	1.00	0.00	13.43	18.26	2.00	0.00	1.00	0.00
13.44	18.16	2.00	0.00	1.00	0.00	13.45	18.16	2.00	0.00	1.00	0.00
13.46	18.15	2.00	0.00	1.00	0.00	13.47	17.77	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	17.58	2.00	0.00	1.00	0.00	13.49	17.66	2.00	0.00	1.00	0.00
13.50	17.47	2.00	0.00	1.00	0.00	13.51	17.37	2.00	0.00	1.00	0.00
13.52	17.27	2.00	0.00	1.00	0.00	13.53	17.17	2.00	0.00	1.00	0.00
13.54	17.07	2.00	0.00	1.00	0.00	13.55	16.96	2.00	0.00	1.00	0.00
13.56	16.96	2.00	0.00	1.00	0.00	13.57	16.86	2.00	0.00	1.00	0.00
13.58	16.48	2.00	0.00	1.00	0.00	13.59	16.10	2.00	0.00	1.00	0.00
13.60	15.82	2.00	0.00	1.00	0.00	13.61	15.44	2.00	0.00	1.00	0.00
13.62	14.69	2.00	0.00	1.00	0.00	13.63	14.41	2.00	0.00	1.00	0.00
13.64	14.13	2.00	0.00	1.00	0.00	13.65	13.75	2.00	0.00	1.00	0.00
13.66	13.56	2.00	0.00	1.00	0.00	13.67	13.37	2.00	0.00	1.00	0.00
13.68	13.27	2.00	0.00	1.00	0.00	13.69	12.81	2.00	0.00	1.00	0.00
13.70	12.62	2.00	0.00	1.00	0.00	13.71	12.43	2.00	0.00	1.00	0.00
13.72	12.52	2.00	0.00	1.00	0.00	13.73	12.51	2.00	0.00	1.00	0.00
13.74	12.60	2.00	0.00	1.00	0.00	13.75	12.59	2.00	0.00	1.00	0.00
13.76	12.59	2.00	0.00	1.00	0.00	13.77	12.58	2.00	0.00	1.00	0.00
13.78	12.85	2.00	0.00	1.00	0.00	13.79	13.12	2.00	0.00	1.00	0.00
13.80	13.30	2.00	0.00	1.00	0.00	13.81	13.39	2.00	0.00	1.00	0.00
13.82	13.47	2.00	0.00	1.00	0.00	13.83	13.56	2.00	0.00	1.00	0.00
13.84	13.55	2.00	0.00	1.00	0.00	13.85	13.55	2.00	0.00	1.00	0.00
13.86	13.82	2.00	0.00	1.00	0.00	13.87	14.18	2.00	0.00	1.00	0.00
13.88	14.54	2.00	0.00	1.00	0.00	13.89	14.90	2.00	0.00	1.00	0.00
13.90	15.08	2.00	0.00	1.00	0.00	13.91	15.07	2.00	0.00	1.00	0.00
13.92	15.06	2.00	0.00	1.00	0.00	13.93	15.42	2.00	0.00	1.00	0.00
13.94	15.69	2.00	0.00	1.00	0.00	13.95	15.96	2.00	0.00	1.00	0.00
13.96	15.95	2.00	0.00	1.00	0.00	13.97	15.86	2.00	0.00	1.00	0.00
13.98	15.76	2.00	0.00	1.00	0.00	13.99	15.75	2.00	0.00	1.00	0.00
14.00	15.66	2.00	0.00	1.00	0.00	14.01	15.47	2.00	0.00	1.00	0.00
14.02	15.46	2.00	0.00	1.00	0.00	14.03	15.36	2.00	0.00	1.00	0.00
14.04	15.27	2.00	0.00	1.00	0.00	14.05	15.26	2.00	0.00	1.00	0.00
14.06	15.16	2.00	0.00	1.00	0.00	14.07	15.07	2.00	0.00	1.00	0.00
14.08	14.97	2.00	0.00	1.00	0.00	14.09	14.96	2.00	0.00	1.00	0.00
14.10	14.96	2.00	0.00	1.00	0.00	14.11	15.04	2.00	0.00	1.00	0.00
14.12	15.04	2.00	0.00	1.00	0.00	14.13	14.94	2.00	0.00	1.00	0.00
14.14	14.75	2.00	0.00	1.00	0.00	14.15	14.29	2.00	0.00	1.00	0.00
14.16	14.29	2.00	0.00	1.00	0.00	14.17	14.28	2.00	0.00	1.00	0.00
14.18	14.55	2.00	0.00	1.00	0.00	14.19	14.63	2.00	0.00	1.00	0.00
14.20	14.62	2.00	0.00	1.00	0.00	14.21	14.62	2.00	0.00	1.00	0.00
14.22	14.61	2.00	0.00	1.00	0.00	14.23	14.79	2.00	0.00	1.00	0.00
14.24	14.87	2.00	0.00	1.00	0.00	14.25	15.32	2.00	0.00	1.00	0.00
14.26	15.49	2.00	0.00	1.00	0.00	14.27	15.67	2.00	0.00	1.00	0.00
14.28	16.02	2.00	0.00	1.00	0.00	14.29	16.38	2.00	0.00	1.00	0.00
14.30	16.55	2.00	0.00	1.00	0.00	14.31	16.91	2.00	0.00	1.00	0.00
14.32	16.99	2.00	0.00	1.00	0.00	14.33	17.16	2.00	0.00	1.00	0.00
14.34	17.16	2.00	0.00	1.00	0.00	14.35	17.06	2.00	0.00	1.00	0.00
14.36	17.05	2.00	0.00	1.00	0.00	14.37	16.87	2.00	0.00	1.00	0.00
14.38	16.68	2.00	0.00	1.00	0.00	14.39	16.49	2.00	0.00	1.00	0.00
14.40	16.22	2.00	0.00	1.00	0.00	14.41	16.03	2.00	0.00	1.00	0.00
14.42	16.02	2.00	0.00	1.00	0.00	14.43	15.93	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	15.92	2.00	0.00	1.00	0.00	14.45	15.92	2.00	0.00	1.00	0.00
14.46	15.91	2.00	0.00	1.00	0.00	14.47	16.35	2.00	0.00	1.00	0.00
14.48	16.52	2.00	0.00	1.00	0.00	14.49	16.70	2.00	0.00	1.00	0.00
14.50	16.78	2.00	0.00	1.00	0.00	14.51	16.77	2.00	0.00	1.00	0.00
14.52	16.77	2.00	0.00	1.00	0.00	14.53	16.76	2.00	0.00	1.00	0.00
14.54	16.75	2.00	0.00	1.00	0.00	14.55	16.75	2.00	0.00	1.00	0.00
14.56	16.74	2.00	0.00	1.00	0.00	14.57	16.29	2.00	0.00	1.00	0.00
14.58	16.10	2.00	0.00	1.00	0.00	14.59	16.01	2.00	0.00	1.00	0.00
14.60	15.91	2.00	0.00	1.00	0.00	14.61	15.90	2.00	0.00	1.00	0.00
14.62	15.90	2.00	0.00	1.00	0.00	14.63	15.98	2.00	0.00	1.00	0.00
14.64	16.24	2.00	0.00	1.00	0.00	14.65	16.41	2.00	0.00	1.00	0.00
14.66	16.68	2.00	0.00	1.00	0.00	14.67	17.56	2.00	0.00	1.00	0.00
14.68	17.82	2.00	0.00	1.00	0.00	14.69	17.81	2.00	0.00	1.00	0.00
14.70	17.90	2.00	0.00	1.00	0.00	14.71	17.98	2.00	0.00	1.00	0.00
14.72	17.79	2.00	0.00	1.00	0.00	14.73	17.88	2.00	0.00	1.00	0.00
14.74	17.78	2.00	0.00	1.00	0.00	14.75	17.69	2.00	0.00	1.00	0.00
14.76	17.41	2.00	0.00	1.00	0.00	14.77	17.23	2.00	0.00	1.00	0.00
14.78	16.95	2.00	0.00	1.00	0.00	14.79	16.86	2.00	0.00	1.00	0.00
14.80	16.85	2.00	0.00	1.00	0.00	14.81	17.02	2.00	0.00	1.00	0.00
14.82	17.19	2.00	0.00	1.00	0.00	14.83	17.19	2.00	0.00	1.00	0.00
14.84	17.18	2.00	0.00	1.00	0.00	14.85	16.91	2.00	0.00	1.00	0.00
14.86	16.72	2.00	0.00	1.00	0.00	14.87	16.54	2.00	0.00	1.00	0.00
14.88	16.44	2.00	0.00	1.00	0.00	14.89	16.26	2.00	0.00	1.00	0.00
14.90	16.25	2.00	0.00	1.00	0.00	14.91	16.25	2.00	0.00	1.00	0.00
14.92	16.24	2.00	0.00	1.00	0.00	14.93	16.23	2.00	0.00	1.00	0.00
14.94	16.49	2.00	0.00	1.00	0.00	14.95	16.66	2.00	0.00	1.00	0.00
14.96	16.92	2.00	0.00	1.00	0.00	14.97	16.92	2.00	0.00	1.00	0.00
14.98	16.91	2.00	0.00	1.00	0.00	14.99	16.81	2.00	0.00	1.00	0.00
15.00	16.81	2.00	0.00	1.00	0.00	15.01	17.07	2.00	0.00	1.00	0.00
15.02	16.88	2.00	0.00	1.00	0.00	15.03	16.70	2.00	0.00	1.00	0.00
15.04	16.52	2.00	0.00	1.00	0.00	15.05	16.42	2.00	0.00	1.00	0.00
15.06	16.59	2.00	0.00	1.00	0.00	15.07	16.50	2.00	0.00	1.00	0.00
15.08	16.49	2.00	0.00	1.00	0.00	15.09	16.57	2.00	0.00	1.00	0.00
15.10	16.74	2.00	0.00	1.00	0.00	15.11	17.26	2.00	0.00	1.00	0.00
15.12	17.52	2.00	0.00	1.00	0.00	15.13	17.60	2.00	0.00	1.00	0.00
15.14	17.33	2.00	0.00	1.00	0.00	15.15	17.24	2.00	0.00	1.00	0.00
15.16	17.41	2.00	0.00	1.00	0.00	15.17	17.23	2.00	0.00	1.00	0.00
15.18	17.22	2.00	0.00	1.00	0.00	15.19	17.39	2.00	0.00	1.00	0.00
15.20	17.47	2.00	0.00	1.00	0.00	15.21	17.46	2.00	0.00	1.00	0.00
15.22	17.63	2.00	0.00	1.00	0.00	15.23	18.06	2.00	0.00	1.00	0.00
15.24	18.05	2.00	0.00	1.00	0.00	15.25	18.05	2.00	0.00	1.00	0.00
15.26	18.13	2.00	0.00	1.00	0.00	15.27	18.30	2.00	0.00	1.00	0.00
15.28	18.47	2.00	0.00	1.00	0.00	15.29	18.55	2.00	0.00	1.00	0.00
15.30	18.63	2.00	0.00	1.00	0.00	15.31	18.62	2.00	0.00	1.00	0.00
15.32	18.26	2.00	0.00	1.00	0.00	15.33	18.26	2.00	0.00	1.00	0.00
15.34	18.34	2.00	0.00	1.00	0.00	15.35	17.98	2.00	0.00	1.00	0.00
15.36	17.89	2.00	0.00	1.00	0.00	15.37	17.88	2.00	0.00	1.00	0.00
15.38	17.78	2.00	0.00	1.00	0.00	15.39	17.69	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

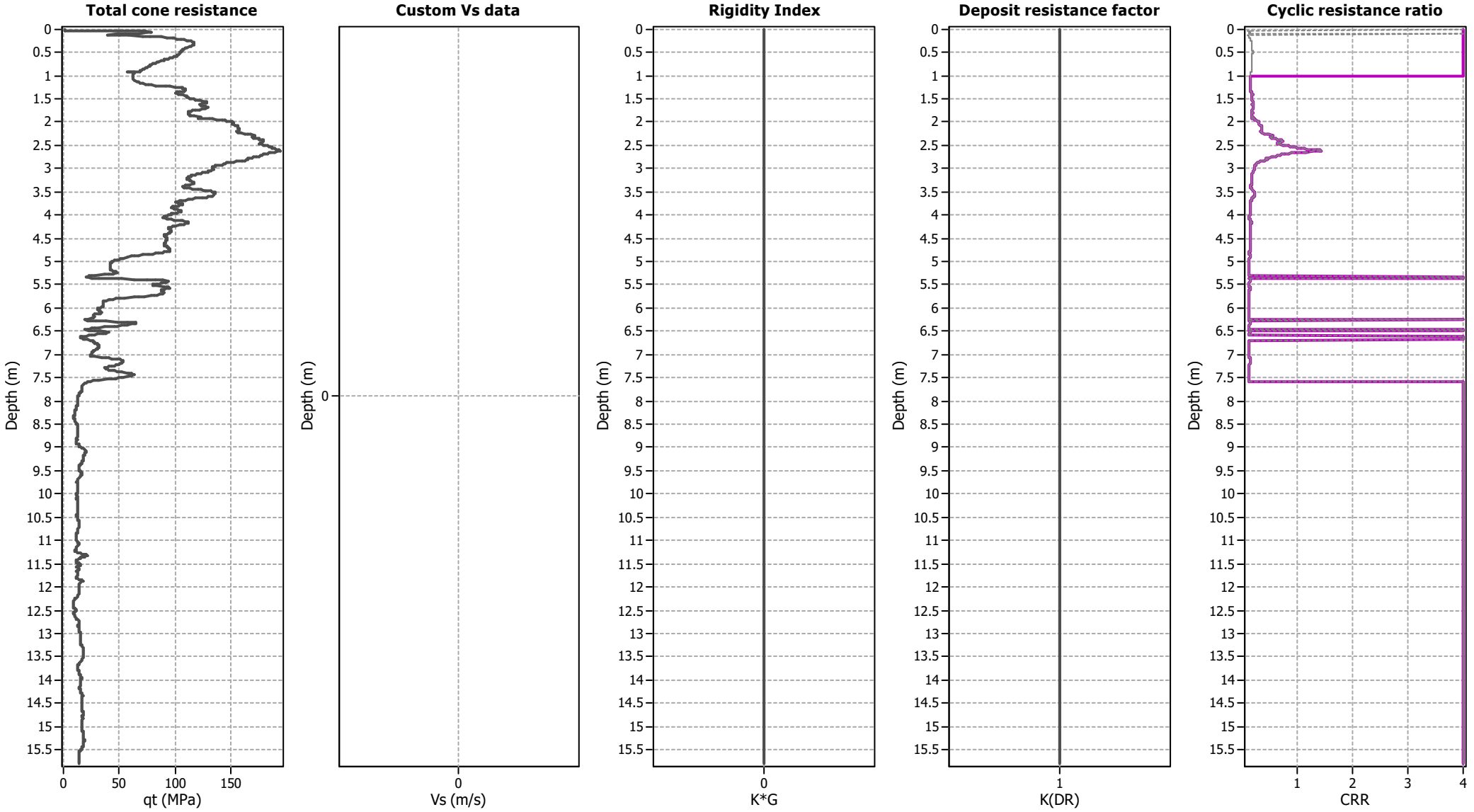
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	17.86	2.00	0.00	1.00	0.00	15.41	17.85	2.00	0.00	1.00	0.00
15.42	17.84	2.00	0.00	1.00	0.00	15.43	17.75	2.00	0.00	1.00	0.00
15.44	17.31	2.00	0.00	1.00	0.00	15.45	17.04	2.00	0.00	1.00	0.00
15.46	16.77	2.00	0.00	1.00	0.00	15.47	16.42	2.00	0.00	1.00	0.00
15.48	16.41	2.00	0.00	1.00	0.00	15.49	16.41	2.00	0.00	1.00	0.00
15.50	16.05	2.00	0.00	1.00	0.00	15.51	15.53	2.00	0.00	1.00	0.00
15.52	15.00	2.00	0.00	1.00	0.00	15.53	14.74	2.00	0.00	1.00	0.00
15.54	14.56	2.00	0.00	1.00	0.00	15.55	14.38	2.00	0.00	1.00	0.00
15.56	14.37	2.00	0.00	1.00	0.00	15.57	14.28	2.00	0.00	1.00	0.00
15.58	14.02	2.00	0.00	1.00	0.00	15.59	14.01	2.00	0.00	1.00	0.00
15.60	14.09	2.00	0.00	1.00	0.00	15.61	14.00	2.00	0.00	1.00	0.00
15.62	14.00	2.00	0.00	1.00	0.00	15.63	14.08	2.00	0.00	1.00	0.00
15.64	14.33	2.00	0.00	1.00	0.00	15.65	14.41	2.00	0.00	1.00	0.00
15.66	14.32	2.00	0.00	1.00	0.00	15.67	13.89	2.00	0.00	1.00	0.00
15.68	13.88	2.00	0.00	1.00	0.00	15.69	13.96	2.00	0.00	1.00	0.00
15.70	13.87	2.00	0.00	1.00	0.00	15.71	13.87	2.00	0.00	1.00	0.00
15.72	13.95	2.00	0.00	1.00	0.00	15.73	13.77	2.00	0.00	1.00	0.00
15.74	13.59	2.00	0.00	1.00	0.00	15.75	13.76	2.00	0.00	1.00	0.00
15.76	14.01	2.00	0.00	1.00	0.00	15.77	14.09	2.00	0.00	1.00	0.00
15.78	13.92	2.00	0.00	1.00	0.00	15.79	13.91	2.00	0.00	1.00	0.00
15.80	13.91	2.00	0.00	1.00	0.00						

Total estimated settlement: 16.27

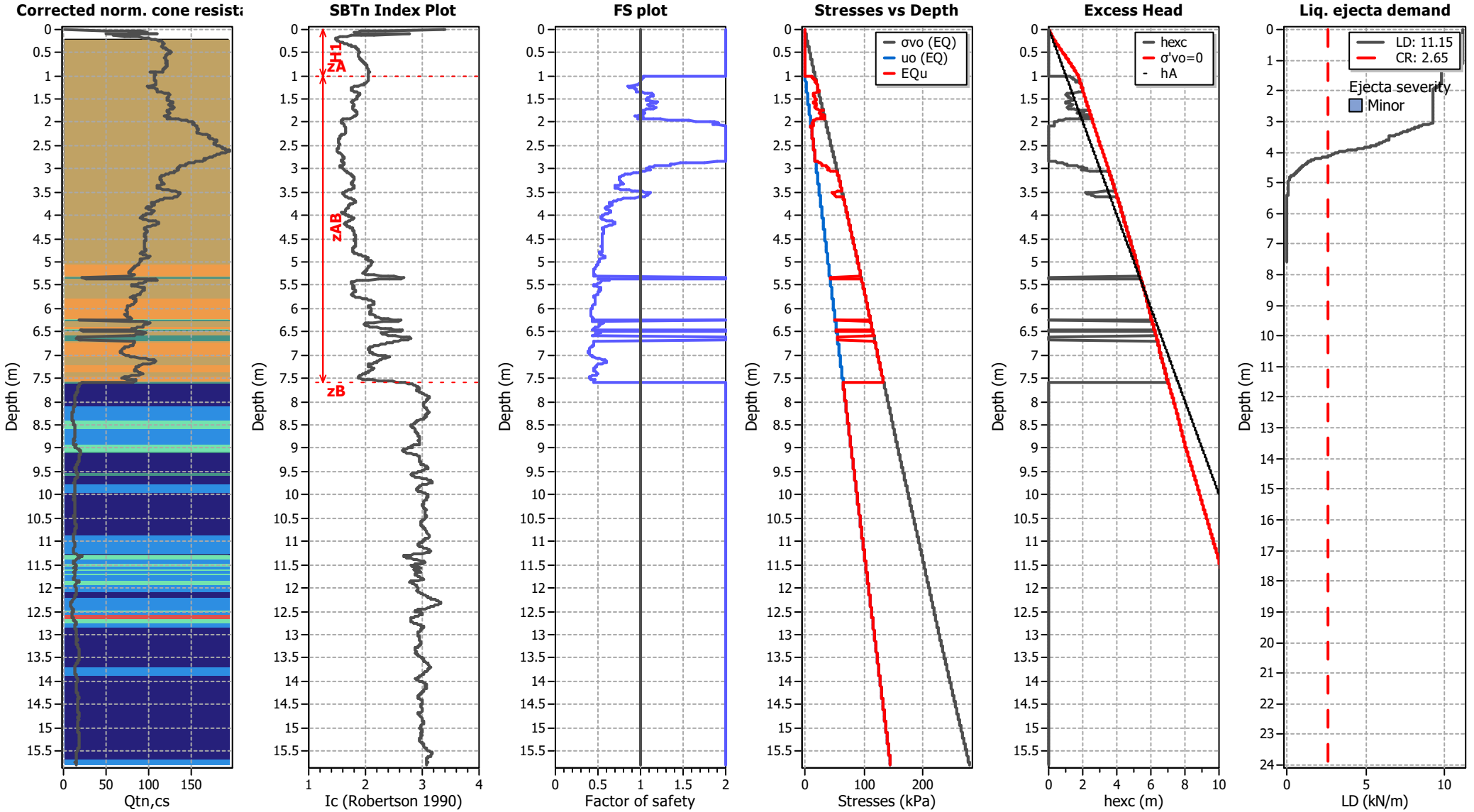
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



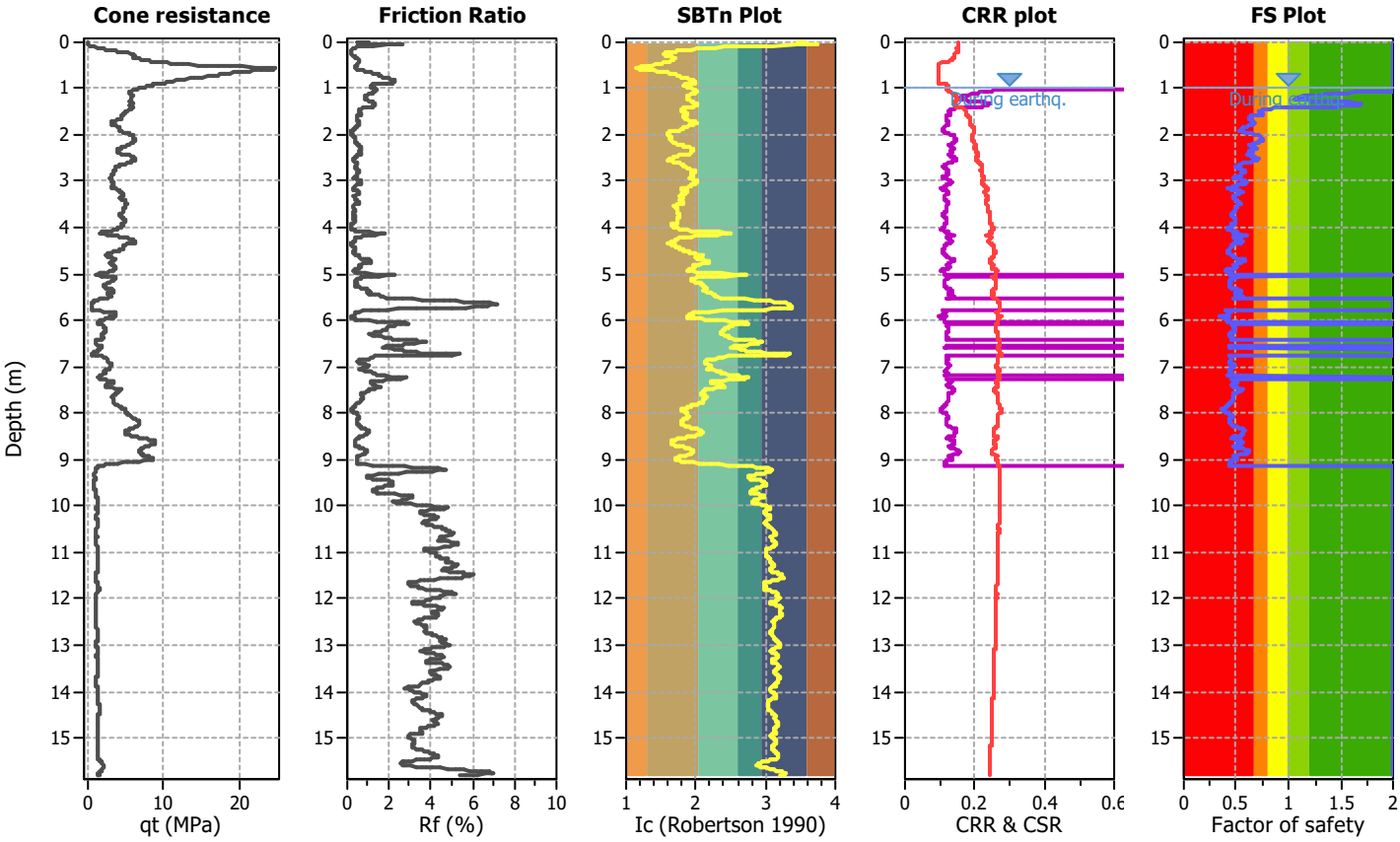
LIQUEFACTION ANALYSIS REPORT

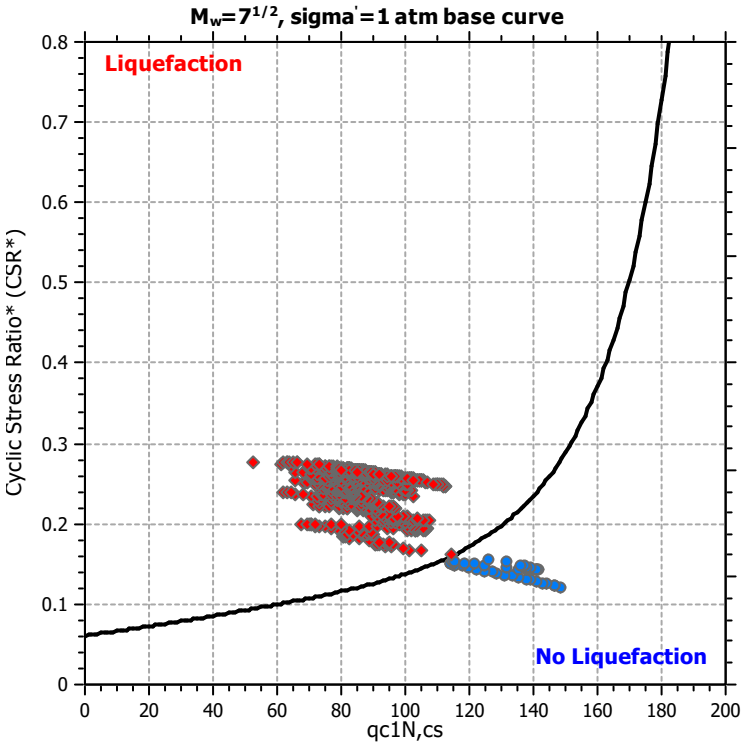
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

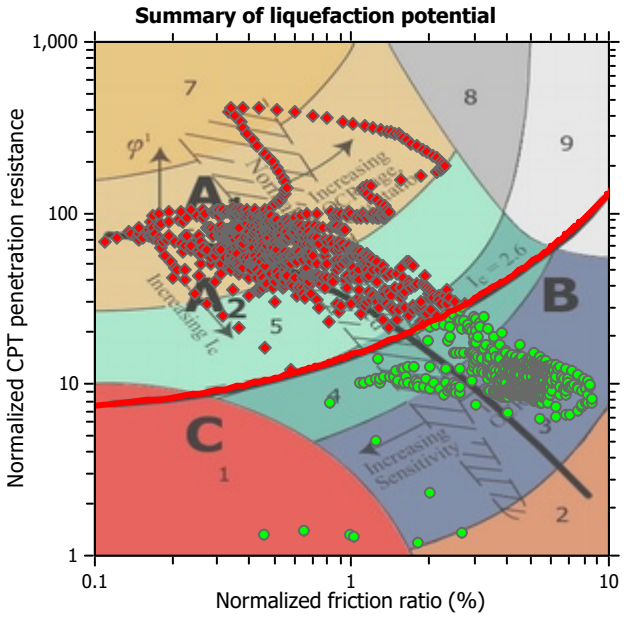
CPT file : 040008P1001CPTU1002

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

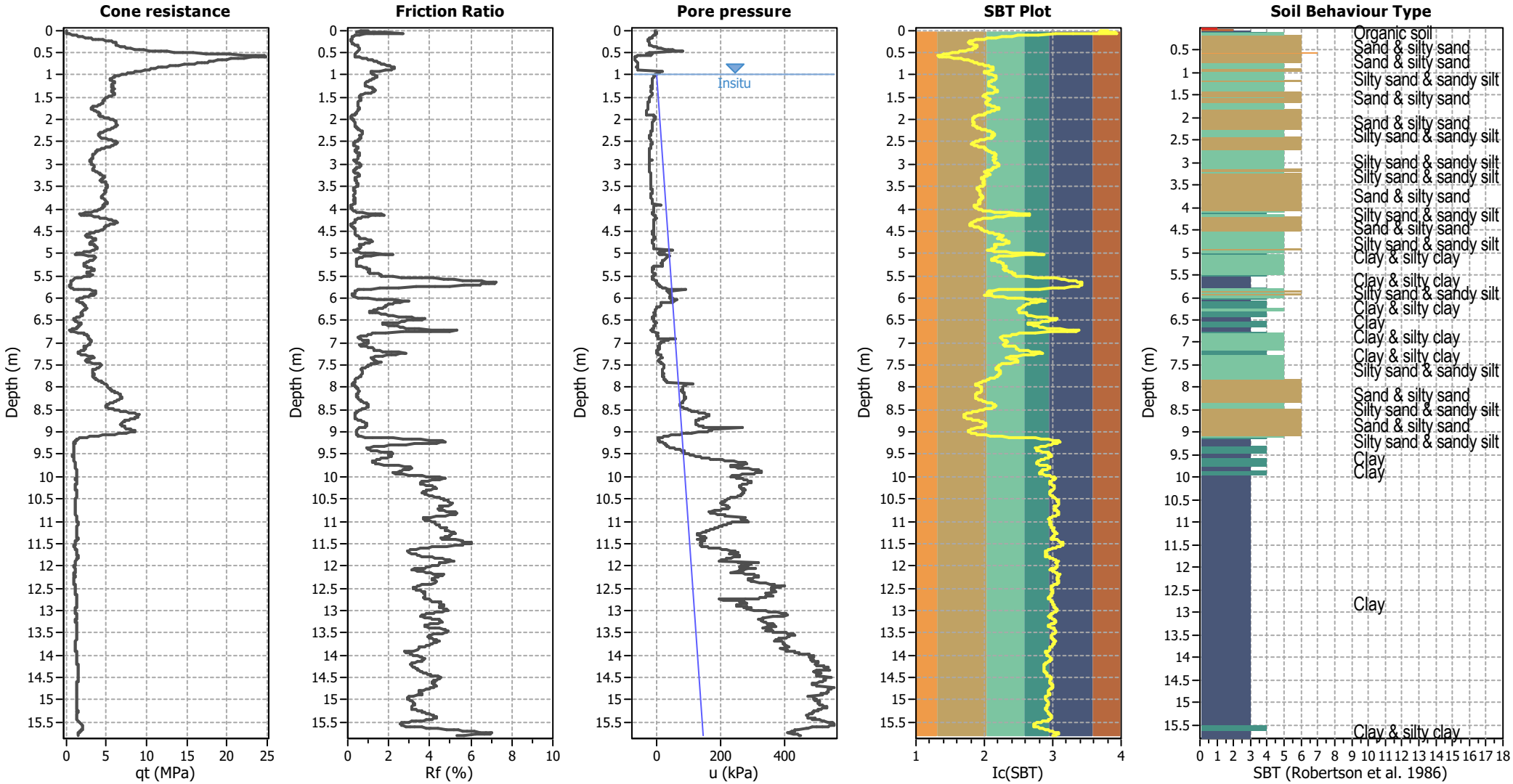






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



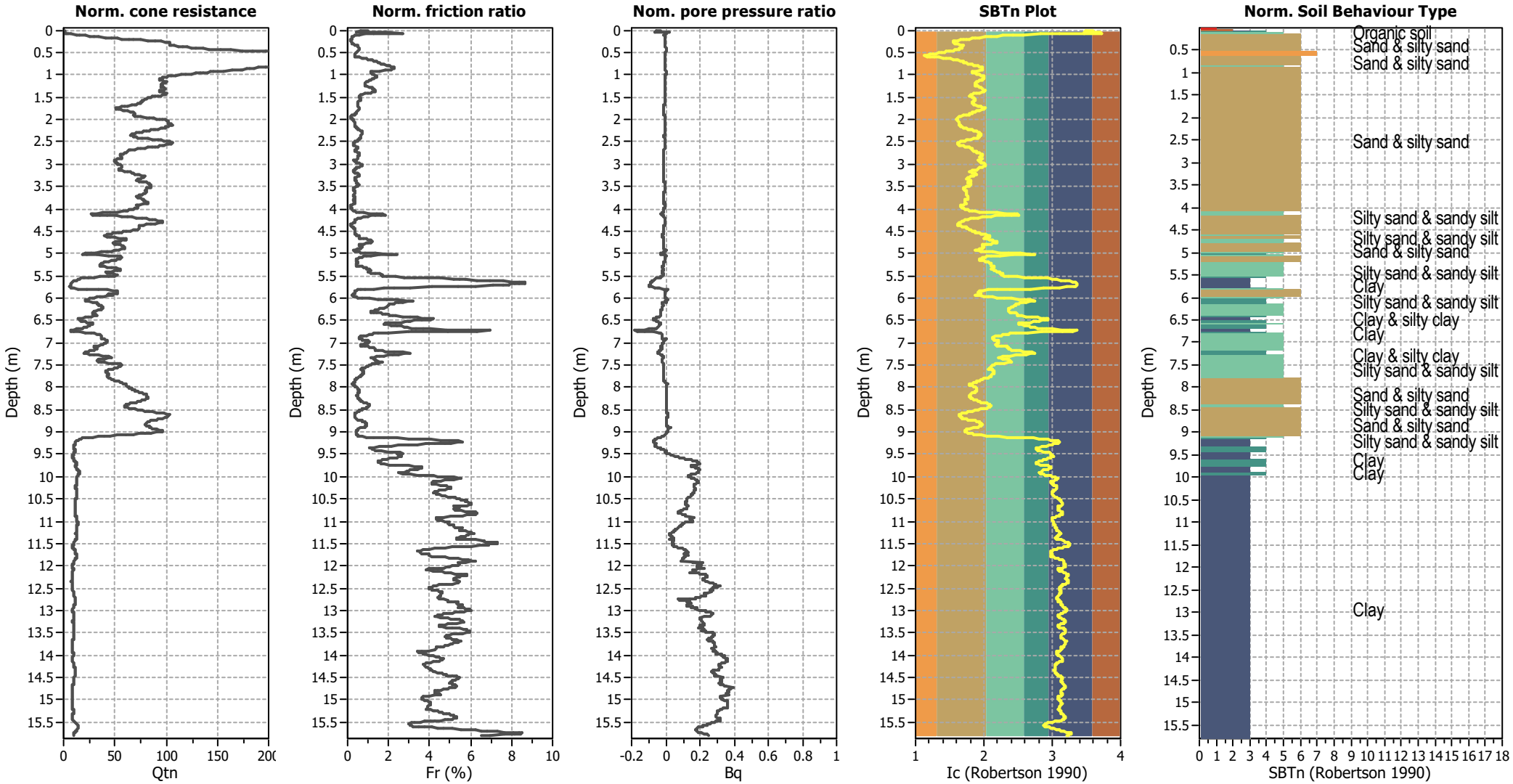
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



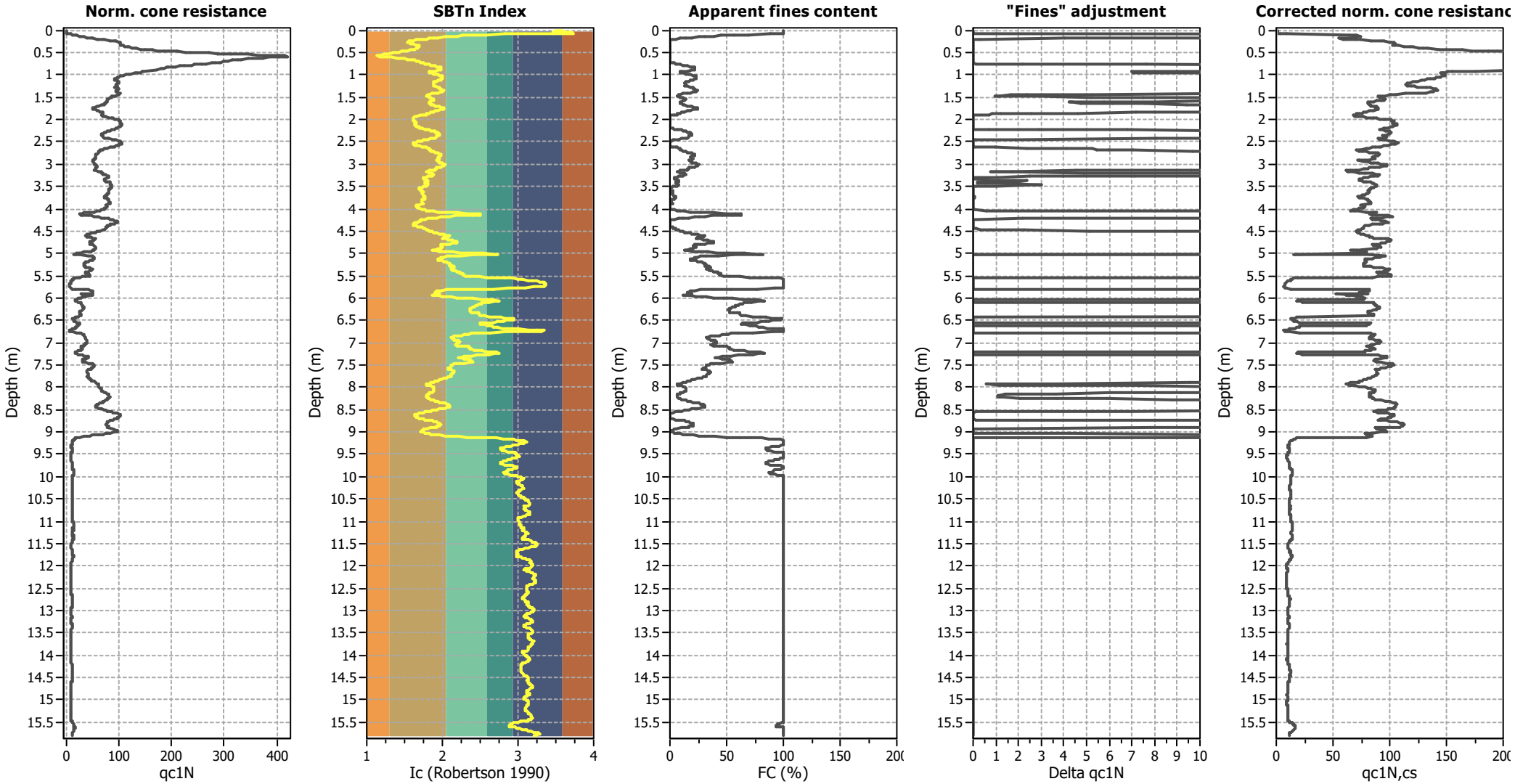
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

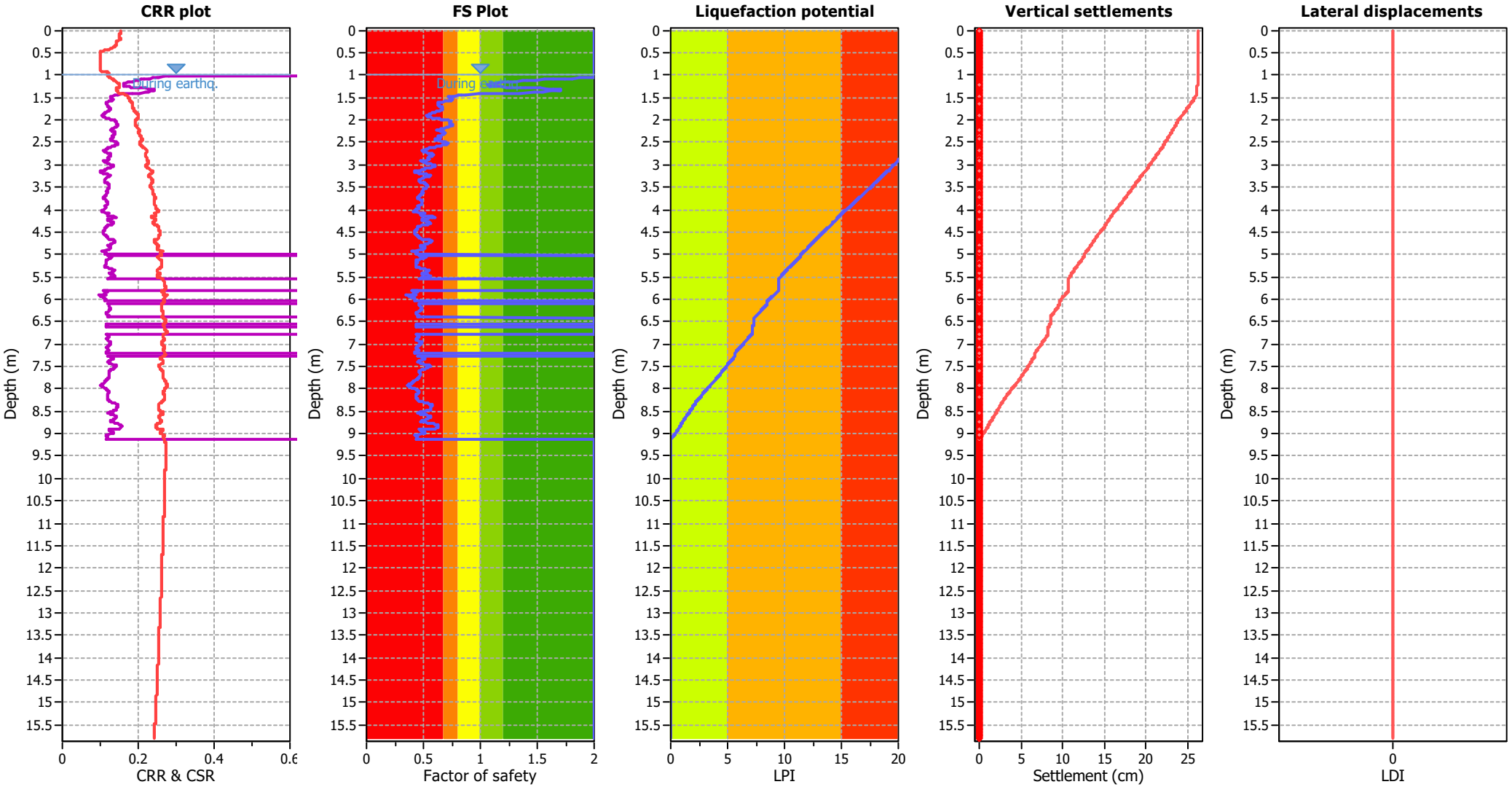
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

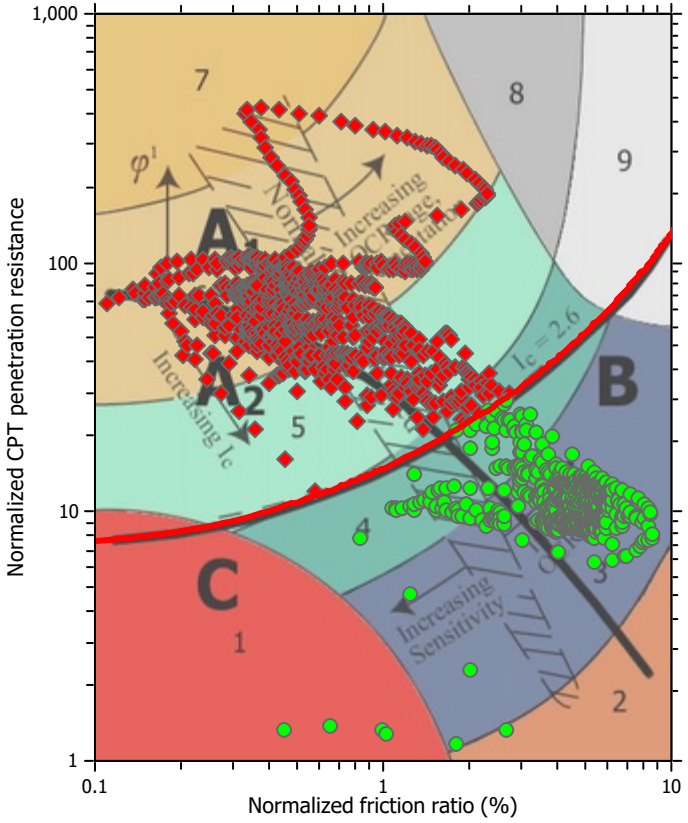
F.S. color scheme

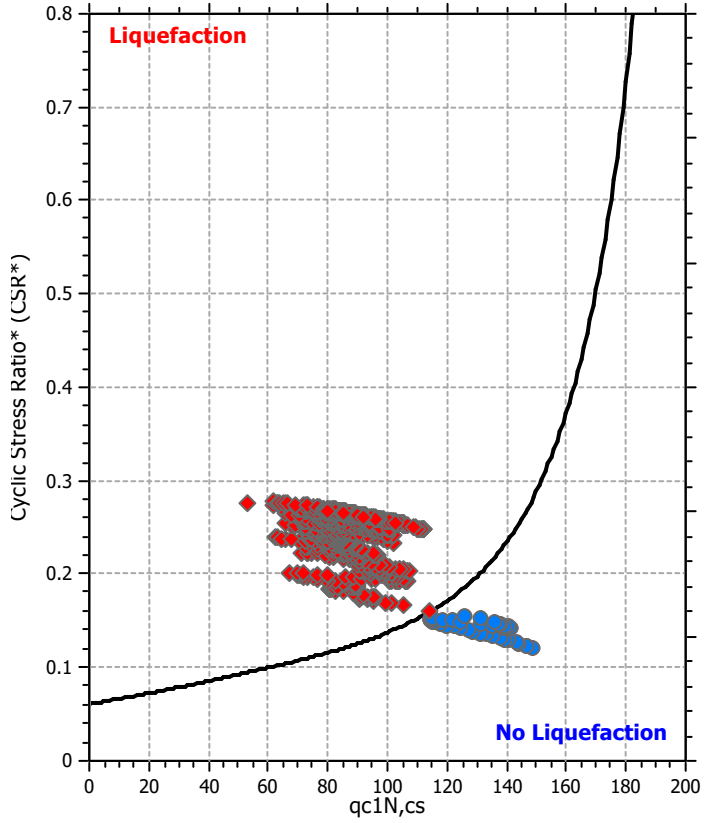
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

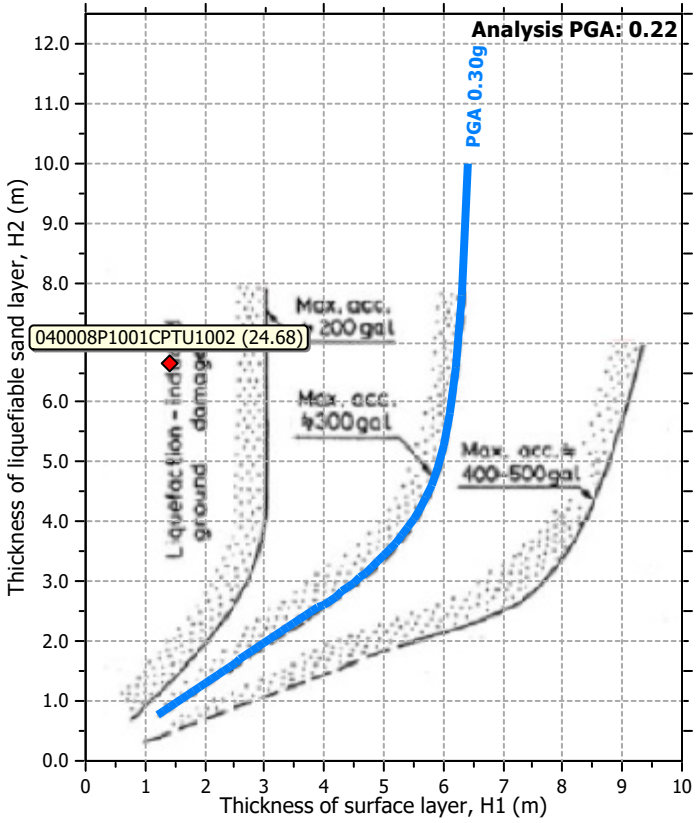
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



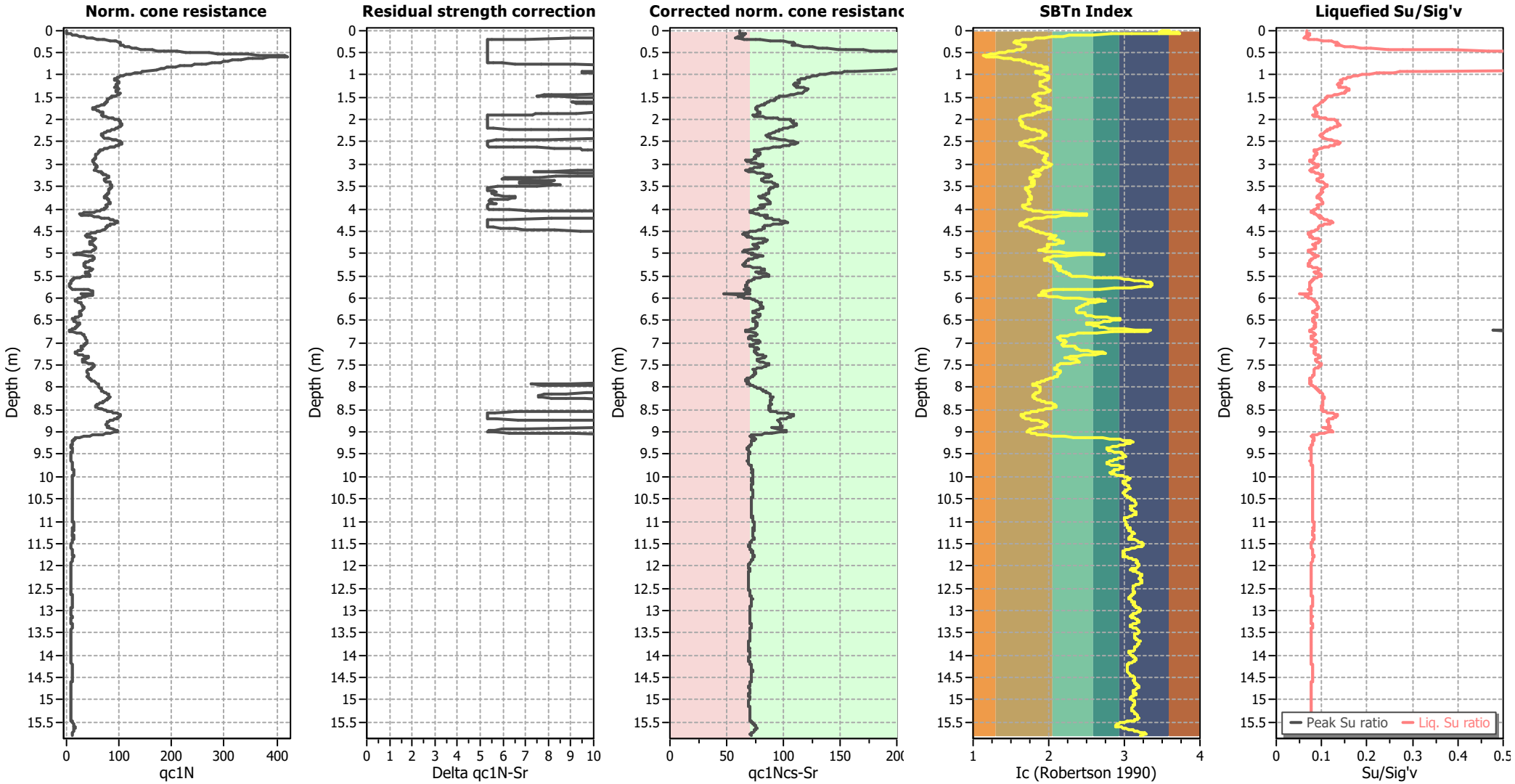




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	1.88	0.00	0.00	0.01	0.00
1.07	1.80	0.00	0.00	0.01	0.00	1.08	1.74	0.00	0.00	0.01	0.00
1.09	1.64	0.00	0.00	0.01	0.00	1.10	1.57	0.00	0.00	0.01	0.00
1.11	1.49	0.00	0.00	0.01	0.00	1.12	1.41	0.00	0.00	0.01	0.00
1.13	1.37	0.00	0.00	0.01	0.00	1.14	1.30	0.00	0.00	0.01	0.00
1.15	1.25	0.00	0.00	0.01	0.00	1.16	1.19	0.00	0.00	0.01	0.00
1.17	1.14	0.00	0.00	0.01	0.00	1.18	1.10	0.00	0.00	0.01	0.00
1.19	1.09	0.00	0.00	0.01	0.00	1.20	1.08	0.00	0.00	0.01	0.00
1.21	1.07	0.00	0.00	0.01	0.00	1.22	1.07	0.00	0.00	0.01	0.00
1.23	1.06	0.00	0.00	0.01	0.00	1.24	1.08	0.00	0.00	0.01	0.00
1.25	1.12	0.00	0.00	0.01	0.00	1.26	1.18	0.00	0.00	0.01	0.00
1.27	1.23	0.00	0.00	0.01	0.00	1.28	1.40	0.00	0.00	0.01	0.00
1.29	1.52	0.00	0.00	0.01	0.00	1.30	1.59	0.00	0.00	0.01	0.00
1.31	1.64	0.00	0.00	0.01	0.00	1.32	1.70	0.00	0.00	0.01	0.00
1.33	1.69	0.00	0.00	0.01	0.00	1.34	1.70	0.00	0.00	0.01	0.00
1.35	1.67	0.00	0.00	0.01	0.00	1.36	1.61	0.00	0.00	0.01	0.00
1.37	1.55	0.00	0.00	0.01	0.00	1.38	1.53	0.00	0.00	0.01	0.00
1.39	1.47	0.00	0.00	0.01	0.00	1.40	1.35	0.00	0.00	0.01	0.00
1.41	1.20	0.00	0.00	0.01	0.00	1.42	0.99	0.00	0.00	0.01	0.00
1.43	0.87	0.00	0.00	0.01	0.01	1.44	0.83	0.00	0.00	0.01	0.02
1.45	0.81	0.19	1.79	0.01	0.02	1.46	0.77	0.23	1.35	0.01	0.02
1.47	0.75	0.25	1.20	0.01	0.02	1.48	0.73	0.27	1.05	0.01	0.03
1.49	0.72	0.28	1.02	0.01	0.03	1.50	0.73	0.27	1.06	0.01	0.03
1.51	0.73	0.27	1.04	0.01	0.03	1.52	0.74	0.26	1.10	0.01	0.02
1.53	0.75	0.25	1.17	0.01	0.02	1.54	0.75	0.25	1.19	0.01	0.02
1.55	0.76	0.24	1.23	0.01	0.02	1.56	0.75	0.25	1.16	0.01	0.02
1.57	0.72	0.28	1.01	0.01	0.03	1.58	0.69	0.31	0.89	0.01	0.03
1.59	0.67	0.33	0.80	0.01	0.03	1.60	0.65	0.35	0.75	0.01	0.03
1.61	0.63	0.37	0.71	0.01	0.03	1.62	0.63	0.37	0.71	0.01	0.03
1.63	0.63	0.37	0.70	0.01	0.03	1.64	0.63	0.37	0.70	0.01	0.03
1.65	0.63	0.37	0.70	0.01	0.03	1.66	0.63	0.37	0.70	0.01	0.03
1.67	0.63	0.37	0.70	0.01	0.03	1.68	0.64	0.36	0.73	0.01	0.03
1.69	0.64	0.36	0.72	0.01	0.03	1.70	0.66	0.34	0.76	0.01	0.03
1.71	0.67	0.33	0.80	0.01	0.03	1.72	0.66	0.34	0.78	0.01	0.03
1.73	0.67	0.33	0.81	0.01	0.03	1.74	0.67	0.33	0.82	0.01	0.03
1.75	0.67	0.33	0.81	0.01	0.03	1.76	0.67	0.33	0.81	0.01	0.03
1.77	0.66	0.34	0.77	0.01	0.03	1.78	0.66	0.34	0.78	0.01	0.03
1.79	0.64	0.36	0.72	0.01	0.03	1.80	0.63	0.37	0.71	0.01	0.03
1.81	0.61	0.39	0.66	0.01	0.04	1.82	0.60	0.40	0.63	0.01	0.04
1.83	0.59	0.41	0.62	0.01	0.04	1.84	0.58	0.42	0.59	0.01	0.04
1.85	0.57	0.43	0.58	0.01	0.04	1.86	0.56	0.44	0.56	0.01	0.04
1.87	0.55	0.45	0.54	0.01	0.04	1.88	0.54	0.46	0.54	0.01	0.04
1.89	0.54	0.46	0.53	0.01	0.04	1.90	0.54	0.46	0.53	0.01	0.04
1.91	0.53	0.47	0.51	0.01	0.04	1.92	0.53	0.47	0.52	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.54	0.46	0.53	0.01	0.04	1.94	0.57	0.43	0.57	0.01	0.04
1.95	0.58	0.42	0.60	0.01	0.04	1.96	0.62	0.38	0.67	0.01	0.03
1.97	0.64	0.36	0.71	0.01	0.03	1.98	0.65	0.35	0.74	0.01	0.03
1.99	0.67	0.33	0.82	0.01	0.03	2.00	0.68	0.32	0.85	0.01	0.03
2.01	0.72	0.28	1.00	0.01	0.03	2.02	0.73	0.27	1.04	0.01	0.02
2.03	0.74	0.26	1.12	0.01	0.02	2.04	0.74	0.26	1.12	0.01	0.02
2.05	0.74	0.26	1.10	0.01	0.02	2.06	0.73	0.27	1.09	0.01	0.02
2.07	0.73	0.27	1.07	0.01	0.02	2.08	0.73	0.27	1.07	0.01	0.02
2.09	0.74	0.26	1.12	0.01	0.02	2.10	0.75	0.25	1.22	0.01	0.02
2.11	0.76	0.24	1.25	0.01	0.02	2.12	0.76	0.24	1.26	0.01	0.02
2.13	0.75	0.25	1.22	0.01	0.02	2.14	0.74	0.26	1.15	0.01	0.02
2.15	0.72	0.28	1.03	0.01	0.02	2.16	0.71	0.29	0.97	0.01	0.03
2.17	0.70	0.30	0.92	0.01	0.03	2.18	0.68	0.32	0.86	0.01	0.03
2.19	0.68	0.32	0.83	0.01	0.03	2.20	0.65	0.35	0.75	0.01	0.03
2.21	0.64	0.36	0.71	0.01	0.03	2.22	0.63	0.37	0.69	0.01	0.03
2.23	0.62	0.38	0.67	0.01	0.03	2.24	0.63	0.37	0.71	0.01	0.03
2.25	0.65	0.35	0.75	0.01	0.03	2.26	0.66	0.34	0.78	0.01	0.03
2.27	0.69	0.31	0.86	0.01	0.03	2.28	0.69	0.31	0.86	0.01	0.03
2.29	0.69	0.31	0.89	0.01	0.03	2.30	0.69	0.31	0.89	0.01	0.03
2.31	0.68	0.32	0.84	0.01	0.03	2.32	0.68	0.32	0.84	0.01	0.03
2.33	0.67	0.33	0.81	0.01	0.03	2.34	0.66	0.34	0.77	0.01	0.03
2.35	0.65	0.35	0.74	0.01	0.03	2.36	0.63	0.37	0.70	0.01	0.03
2.37	0.63	0.37	0.70	0.01	0.03	2.38	0.63	0.37	0.71	0.01	0.03
2.39	0.64	0.36	0.73	0.01	0.03	2.40	0.65	0.35	0.75	0.01	0.03
2.41	0.64	0.36	0.71	0.01	0.03	2.42	0.64	0.36	0.71	0.01	0.03
2.43	0.60	0.40	0.62	0.01	0.04	2.44	0.61	0.39	0.64	0.01	0.03
2.45	0.62	0.38	0.67	0.01	0.03	2.46	0.64	0.36	0.71	0.01	0.03
2.47	0.66	0.34	0.79	0.01	0.03	2.48	0.67	0.33	0.81	0.01	0.03
2.49	0.69	0.31	0.86	0.01	0.03	2.50	0.70	0.30	0.91	0.01	0.03
2.51	0.72	0.28	1.01	0.01	0.02	2.52	0.72	0.28	1.03	0.01	0.02
2.53	0.72	0.28	1.03	0.01	0.02	2.54	0.71	0.29	0.95	0.01	0.03
2.55	0.69	0.31	0.89	0.01	0.03	2.56	0.67	0.33	0.79	0.01	0.03
2.57	0.65	0.35	0.76	0.01	0.03	2.58	0.64	0.36	0.72	0.01	0.03
2.59	0.62	0.38	0.67	0.01	0.03	2.60	0.60	0.40	0.64	0.01	0.03
2.61	0.59	0.41	0.61	0.01	0.04	2.62	0.57	0.43	0.57	0.01	0.04
2.63	0.56	0.44	0.55	0.01	0.04	2.64	0.54	0.46	0.53	0.01	0.04
2.65	0.53	0.47	0.52	0.01	0.04	2.66	0.52	0.48	0.51	0.01	0.04
2.67	0.50	0.50	0.48	0.01	0.04	2.68	0.50	0.50	0.47	0.01	0.04
2.69	0.49	0.51	0.46	0.01	0.04	2.70	0.49	0.51	0.47	0.01	0.04
2.71	0.51	0.49	0.49	0.01	0.04	2.72	0.52	0.48	0.51	0.01	0.04
2.73	0.53	0.47	0.52	0.01	0.04	2.74	0.55	0.45	0.54	0.01	0.04
2.75	0.56	0.44	0.56	0.01	0.04	2.76	0.57	0.43	0.58	0.01	0.04
2.77	0.58	0.42	0.60	0.01	0.04	2.78	0.58	0.42	0.60	0.01	0.04
2.79	0.58	0.42	0.60	0.01	0.04	2.80	0.58	0.42	0.59	0.01	0.04
2.81	0.56	0.44	0.57	0.01	0.04	2.82	0.55	0.45	0.55	0.01	0.04
2.83	0.54	0.46	0.54	0.01	0.04	2.84	0.54	0.46	0.53	0.01	0.04
2.85	0.54	0.46	0.53	0.01	0.04	2.86	0.55	0.45	0.54	0.01	0.04
2.87	0.55	0.45	0.55	0.01	0.04	2.88	0.54	0.46	0.53	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.55	0.45	0.54	0.01	0.04	2.90	0.52	0.48	0.51	0.01	0.04
2.91	0.48	0.52	0.46	0.01	0.04	2.92	0.48	0.52	0.45	0.01	0.04
2.93	0.50	0.50	0.48	0.01	0.04	2.94	0.51	0.49	0.49	0.01	0.04
2.95	0.52	0.48	0.50	0.01	0.04	2.96	0.53	0.47	0.51	0.01	0.04
2.97	0.54	0.46	0.53	0.01	0.04	2.98	0.56	0.44	0.56	0.01	0.04
2.99	0.58	0.42	0.59	0.01	0.04	3.00	0.58	0.42	0.60	0.01	0.04
3.01	0.60	0.40	0.62	0.01	0.03	3.02	0.61	0.39	0.64	0.01	0.03
3.03	0.61	0.39	0.64	0.01	0.03	3.04	0.60	0.40	0.63	0.01	0.03
3.05	0.59	0.41	0.62	0.01	0.03	3.06	0.57	0.43	0.58	0.01	0.04
3.07	0.55	0.45	0.54	0.01	0.04	3.08	0.52	0.48	0.50	0.01	0.04
3.09	0.51	0.49	0.49	0.01	0.04	3.10	0.50	0.50	0.48	0.01	0.04
3.11	0.49	0.51	0.47	0.01	0.04	3.12	0.47	0.53	0.45	0.01	0.04
3.13	0.46	0.54	0.44	0.01	0.05	3.14	0.44	0.56	0.42	0.01	0.05
3.15	0.42	0.58	0.40	0.01	0.05	3.16	0.43	0.57	0.41	0.01	0.05
3.17	0.43	0.57	0.41	0.01	0.05	3.18	0.45	0.55	0.42	0.01	0.05
3.19	0.47	0.53	0.44	0.01	0.04	3.20	0.49	0.51	0.47	0.01	0.04
3.21	0.52	0.48	0.51	0.01	0.04	3.22	0.54	0.46	0.53	0.01	0.04
3.23	0.55	0.45	0.54	0.01	0.04	3.24	0.56	0.44	0.56	0.01	0.04
3.25	0.55	0.45	0.54	0.01	0.04	3.26	0.53	0.47	0.52	0.01	0.04
3.27	0.52	0.48	0.51	0.01	0.04	3.28	0.51	0.49	0.49	0.01	0.04
3.29	0.50	0.50	0.48	0.01	0.04	3.30	0.49	0.51	0.47	0.01	0.04
3.31	0.48	0.52	0.46	0.01	0.04	3.32	0.48	0.52	0.45	0.01	0.04
3.33	0.47	0.53	0.45	0.01	0.04	3.34	0.46	0.54	0.44	0.01	0.04
3.35	0.46	0.54	0.44	0.01	0.04	3.36	0.46	0.54	0.44	0.01	0.04
3.37	0.47	0.53	0.44	0.01	0.04	3.38	0.48	0.52	0.46	0.01	0.04
3.39	0.48	0.52	0.46	0.01	0.04	3.40	0.49	0.51	0.47	0.01	0.04
3.41	0.51	0.49	0.49	0.01	0.04	3.42	0.51	0.49	0.49	0.01	0.04
3.43	0.52	0.48	0.50	0.01	0.04	3.44	0.52	0.48	0.50	0.01	0.04
3.45	0.53	0.47	0.51	0.01	0.04	3.46	0.53	0.47	0.52	0.01	0.04
3.47	0.54	0.46	0.53	0.01	0.04	3.48	0.53	0.47	0.52	0.01	0.04
3.49	0.53	0.47	0.51	0.01	0.04	3.50	0.52	0.48	0.51	0.01	0.04
3.51	0.52	0.48	0.50	0.01	0.04	3.52	0.51	0.49	0.49	0.01	0.04
3.53	0.51	0.49	0.49	0.01	0.04	3.54	0.50	0.50	0.48	0.01	0.04
3.55	0.50	0.50	0.48	0.01	0.04	3.56	0.50	0.50	0.48	0.01	0.04
3.57	0.50	0.50	0.47	0.01	0.04	3.58	0.49	0.51	0.47	0.01	0.04
3.59	0.49	0.51	0.47	0.01	0.04	3.60	0.49	0.51	0.47	0.01	0.04
3.61	0.49	0.51	0.47	0.01	0.04	3.62	0.49	0.51	0.47	0.01	0.04
3.63	0.49	0.51	0.47	0.01	0.04	3.64	0.49	0.51	0.47	0.01	0.04
3.65	0.49	0.51	0.47	0.01	0.04	3.66	0.49	0.51	0.46	0.01	0.04
3.67	0.48	0.52	0.46	0.01	0.04	3.68	0.48	0.52	0.45	0.01	0.04
3.69	0.47	0.53	0.44	0.01	0.04	3.70	0.46	0.54	0.44	0.01	0.04
3.71	0.46	0.54	0.43	0.01	0.04	3.72	0.45	0.55	0.43	0.01	0.04
3.73	0.45	0.55	0.42	0.01	0.05	3.74	0.45	0.55	0.42	0.01	0.05
3.75	0.45	0.55	0.43	0.01	0.04	3.76	0.46	0.54	0.44	0.01	0.04
3.77	0.47	0.53	0.44	0.01	0.04	3.78	0.47	0.53	0.45	0.01	0.04
3.79	0.48	0.52	0.45	0.01	0.04	3.80	0.48	0.52	0.46	0.01	0.04
3.81	0.48	0.52	0.46	0.01	0.04	3.82	0.48	0.52	0.46	0.01	0.04
3.83	0.48	0.52	0.46	0.01	0.04	3.84	0.49	0.51	0.46	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.49	0.51	0.47	0.01	0.04	3.86	0.49	0.51	0.47	0.01	0.04
3.87	0.49	0.51	0.47	0.01	0.04	3.88	0.49	0.51	0.47	0.01	0.04
3.89	0.49	0.51	0.46	0.01	0.04	3.90	0.49	0.51	0.46	0.01	0.04
3.91	0.45	0.55	0.43	0.01	0.04	3.92	0.45	0.55	0.43	0.01	0.04
3.93	0.46	0.54	0.43	0.01	0.04	3.94	0.46	0.54	0.44	0.01	0.04
3.95	0.46	0.54	0.44	0.01	0.04	3.96	0.46	0.54	0.44	0.01	0.04
3.97	0.46	0.54	0.43	0.01	0.04	3.98	0.45	0.55	0.43	0.01	0.04
3.99	0.44	0.56	0.42	0.01	0.04	4.00	0.44	0.56	0.41	0.01	0.05
4.01	0.42	0.58	0.40	0.01	0.05	4.02	0.42	0.58	0.40	0.01	0.05
4.03	0.42	0.58	0.40	0.01	0.05	4.04	0.41	0.59	0.39	0.01	0.05
4.05	0.42	0.58	0.40	0.01	0.05	4.06	0.44	0.56	0.41	0.01	0.04
4.07	0.47	0.53	0.45	0.01	0.04	4.08	0.51	0.49	0.49	0.01	0.04
4.09	0.49	0.51	0.47	0.01	0.04	4.10	0.49	0.51	0.47	0.01	0.04
4.11	0.49	0.51	0.47	0.01	0.04	4.12	0.48	0.52	0.46	0.01	0.04
4.13	0.49	0.51	0.47	0.01	0.04	4.14	0.51	0.49	0.49	0.01	0.04
4.15	0.57	0.43	0.58	0.01	0.03	4.16	0.58	0.42	0.59	0.01	0.03
4.17	0.60	0.40	0.63	0.01	0.03	4.18	0.58	0.42	0.59	0.01	0.03
4.19	0.55	0.45	0.55	0.01	0.04	4.20	0.54	0.46	0.53	0.01	0.04
4.21	0.49	0.51	0.46	0.01	0.04	4.22	0.48	0.52	0.46	0.01	0.04
4.23	0.49	0.51	0.46	0.01	0.04	4.24	0.50	0.50	0.48	0.01	0.04
4.25	0.52	0.48	0.50	0.01	0.04	4.26	0.53	0.47	0.51	0.01	0.04
4.27	0.54	0.46	0.53	0.01	0.04	4.28	0.55	0.45	0.54	0.01	0.04
4.29	0.55	0.45	0.55	0.01	0.03	4.30	0.57	0.43	0.57	0.01	0.03
4.31	0.57	0.43	0.57	0.01	0.03	4.32	0.55	0.45	0.54	0.01	0.04
4.33	0.53	0.47	0.52	0.01	0.04	4.34	0.52	0.48	0.50	0.01	0.04
4.35	0.49	0.51	0.46	0.01	0.04	4.36	0.47	0.53	0.45	0.01	0.04
4.37	0.46	0.54	0.44	0.01	0.04	4.38	0.45	0.55	0.43	0.01	0.04
4.39	0.45	0.55	0.43	0.01	0.04	4.40	0.45	0.55	0.43	0.01	0.04
4.41	0.45	0.55	0.42	0.01	0.04	4.42	0.45	0.55	0.42	0.01	0.04
4.43	0.45	0.55	0.42	0.01	0.04	4.44	0.44	0.56	0.42	0.01	0.04
4.45	0.44	0.56	0.42	0.01	0.04	4.46	0.43	0.57	0.41	0.01	0.04
4.47	0.43	0.57	0.41	0.01	0.04	4.48	0.43	0.57	0.41	0.01	0.04
4.49	0.42	0.58	0.40	0.01	0.05	4.50	0.42	0.58	0.40	0.01	0.04
4.51	0.42	0.58	0.40	0.01	0.05	4.52	0.42	0.58	0.40	0.01	0.04
4.53	0.43	0.57	0.41	0.01	0.04	4.54	0.42	0.58	0.40	0.01	0.04
4.55	0.43	0.57	0.41	0.01	0.04	4.56	0.43	0.57	0.41	0.01	0.04
4.57	0.43	0.57	0.41	0.01	0.04	4.58	0.44	0.56	0.42	0.01	0.04
4.59	0.45	0.55	0.43	0.01	0.04	4.60	0.46	0.54	0.43	0.01	0.04
4.61	0.46	0.54	0.44	0.01	0.04	4.62	0.46	0.54	0.44	0.01	0.04
4.63	0.48	0.52	0.45	0.01	0.04	4.64	0.48	0.52	0.45	0.01	0.04
4.65	0.49	0.51	0.46	0.01	0.04	4.66	0.52	0.48	0.50	0.01	0.04
4.67	0.54	0.46	0.53	0.01	0.04	4.68	0.56	0.44	0.56	0.01	0.03
4.69	0.57	0.43	0.58	0.01	0.03	4.70	0.58	0.42	0.59	0.01	0.03
4.71	0.58	0.42	0.59	0.01	0.03	4.72	0.57	0.43	0.57	0.01	0.03
4.73	0.57	0.43	0.57	0.01	0.03	4.74	0.55	0.45	0.54	0.01	0.03
4.75	0.54	0.46	0.53	0.01	0.04	4.76	0.53	0.47	0.51	0.01	0.04
4.77	0.52	0.48	0.50	0.01	0.04	4.78	0.51	0.49	0.49	0.01	0.04
4.79	0.50	0.50	0.47	0.01	0.04	4.80	0.49	0.51	0.47	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.48	0.52	0.45	0.01	0.04	4.82	0.48	0.52	0.46	0.01	0.04
4.83	0.49	0.51	0.47	0.01	0.04	4.84	0.51	0.49	0.49	0.01	0.04
4.85	0.51	0.49	0.49	0.01	0.04	4.86	0.51	0.49	0.49	0.01	0.04
4.87	0.50	0.50	0.48	0.01	0.04	4.88	0.49	0.51	0.47	0.01	0.04
4.89	0.49	0.51	0.47	0.01	0.04	4.90	0.47	0.53	0.45	0.01	0.04
4.91	0.42	0.58	0.40	0.01	0.04	4.92	0.39	0.61	0.38	0.01	0.05
4.93	0.40	0.60	0.39	0.01	0.05	4.94	0.41	0.59	0.39	0.01	0.04
4.95	0.44	0.56	0.42	0.01	0.04	4.96	0.44	0.56	0.41	0.01	0.04
4.97	0.45	0.55	0.43	0.01	0.04	4.98	0.45	0.55	0.42	0.01	0.04
4.99	0.44	0.56	0.42	0.01	0.04	5.00	0.43	0.57	0.41	0.01	0.04
5.01	2.00	0.00	0.00	0.01	0.00	5.02	2.00	0.00	0.00	0.01	0.00
5.03	2.00	0.00	0.00	0.01	0.00	5.04	0.46	0.54	0.43	0.01	0.04
5.05	0.53	0.47	0.52	0.01	0.04	5.06	0.53	0.47	0.52	0.01	0.04
5.07	0.52	0.48	0.51	0.01	0.04	5.08	0.50	0.50	0.48	0.01	0.04
5.09	0.49	0.51	0.47	0.01	0.04	5.10	0.48	0.52	0.46	0.01	0.04
5.11	0.47	0.53	0.44	0.01	0.04	5.12	0.45	0.55	0.43	0.01	0.04
5.13	0.44	0.56	0.42	0.01	0.04	5.14	0.44	0.56	0.41	0.01	0.04
5.15	0.44	0.56	0.42	0.01	0.04	5.16	0.44	0.56	0.42	0.01	0.04
5.17	0.44	0.56	0.42	0.01	0.04	5.18	0.44	0.56	0.42	0.01	0.04
5.19	0.44	0.56	0.42	0.01	0.04	5.20	0.44	0.56	0.42	0.01	0.04
5.21	0.44	0.56	0.42	0.01	0.04	5.22	0.44	0.56	0.42	0.01	0.04
5.23	0.43	0.57	0.41	0.01	0.04	5.24	0.43	0.57	0.41	0.01	0.04
5.25	0.43	0.57	0.41	0.01	0.04	5.26	0.43	0.57	0.41	0.01	0.04
5.27	0.43	0.57	0.41	0.01	0.04	5.28	0.44	0.56	0.42	0.01	0.04
5.29	0.45	0.55	0.43	0.01	0.04	5.30	0.46	0.54	0.44	0.01	0.04
5.31	0.47	0.53	0.45	0.01	0.04	5.32	0.50	0.50	0.48	0.01	0.04
5.33	0.51	0.49	0.50	0.01	0.04	5.34	0.53	0.47	0.52	0.01	0.03
5.35	0.54	0.46	0.53	0.01	0.03	5.36	0.55	0.45	0.55	0.01	0.03
5.37	0.54	0.46	0.54	0.01	0.03	5.38	0.54	0.46	0.53	0.01	0.03
5.39	0.52	0.48	0.51	0.01	0.03	5.40	0.51	0.49	0.49	0.01	0.04
5.41	0.50	0.50	0.47	0.01	0.04	5.42	0.48	0.52	0.46	0.01	0.04
5.43	0.48	0.52	0.46	0.01	0.04	5.44	0.49	0.51	0.47	0.01	0.04
5.45	0.51	0.49	0.49	0.01	0.04	5.46	0.53	0.47	0.52	0.01	0.03
5.47	0.56	0.44	0.55	0.01	0.03	5.48	0.56	0.44	0.56	0.01	0.03
5.49	0.56	0.44	0.56	0.01	0.03	5.50	0.56	0.44	0.55	0.01	0.03
5.51	0.51	0.49	0.49	0.01	0.04	5.52	0.49	0.51	0.47	0.01	0.04
5.53	0.46	0.54	0.44	0.01	0.04	5.54	2.00	0.00	0.00	0.01	0.00
5.55	2.00	0.00	0.00	0.01	0.00	5.56	2.00	0.00	0.00	0.01	0.00
5.57	2.00	0.00	0.00	0.01	0.00	5.58	2.00	0.00	0.00	0.01	0.00
5.59	2.00	0.00	0.00	0.01	0.00	5.60	2.00	0.00	0.00	0.01	0.00
5.61	2.00	0.00	0.00	0.01	0.00	5.62	2.00	0.00	0.00	0.01	0.00
5.63	2.00	0.00	0.00	0.01	0.00	5.64	2.00	0.00	0.00	0.01	0.00
5.65	2.00	0.00	0.00	0.01	0.00	5.66	2.00	0.00	0.00	0.01	0.00
5.67	2.00	0.00	0.00	0.01	0.00	5.68	2.00	0.00	0.00	0.01	0.00
5.69	2.00	0.00	0.00	0.01	0.00	5.70	2.00	0.00	0.00	0.01	0.00
5.71	2.00	0.00	0.00	0.01	0.00	5.72	2.00	0.00	0.00	0.01	0.00
5.73	2.00	0.00	0.00	0.01	0.00	5.74	2.00	0.00	0.00	0.01	0.00
5.75	2.00	0.00	0.00	0.01	0.00	5.76	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	2.00	0.00	0.00	0.01	0.00	5.78	2.00	0.00	0.00	0.01	0.00
5.79	2.00	0.00	0.00	0.01	0.00	5.80	0.40	0.60	0.38	0.01	0.04
5.81	0.45	0.55	0.42	0.01	0.04	5.82	0.45	0.55	0.43	0.01	0.04
5.83	0.45	0.55	0.42	0.01	0.04	5.84	0.44	0.56	0.41	0.01	0.04
5.85	0.42	0.58	0.40	0.01	0.04	5.86	0.42	0.58	0.40	0.01	0.04
5.87	0.41	0.59	0.39	0.01	0.04	5.88	0.41	0.59	0.39	0.01	0.04
5.89	0.41	0.59	0.39	0.01	0.04	5.90	0.44	0.56	0.42	0.01	0.04
5.91	0.34	0.66	0.35	0.01	0.05	5.92	0.40	0.60	0.39	0.01	0.04
5.93	0.37	0.63	0.36	0.01	0.04	5.94	0.38	0.62	0.37	0.01	0.04
5.95	0.40	0.60	0.38	0.01	0.04	5.96	0.40	0.60	0.39	0.01	0.04
5.97	0.41	0.59	0.40	0.01	0.04	5.98	0.42	0.58	0.40	0.01	0.04
5.99	0.42	0.58	0.40	0.01	0.04	6.00	0.43	0.57	0.41	0.01	0.04
6.01	0.42	0.58	0.40	0.01	0.04	6.02	0.42	0.58	0.40	0.01	0.04
6.03	0.42	0.58	0.40	0.01	0.04	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	0.46	0.54	0.44	0.01	0.04
6.11	0.46	0.54	0.44	0.01	0.04	6.12	0.46	0.54	0.44	0.01	0.04
6.13	0.47	0.53	0.44	0.01	0.04	6.14	0.47	0.53	0.44	0.01	0.04
6.15	0.47	0.53	0.45	0.01	0.04	6.16	0.47	0.53	0.45	0.01	0.04
6.17	0.48	0.52	0.45	0.01	0.04	6.18	0.48	0.52	0.46	0.01	0.04
6.19	0.48	0.52	0.46	0.01	0.04	6.20	0.48	0.52	0.46	0.01	0.04
6.21	0.49	0.51	0.46	0.01	0.04	6.22	0.49	0.51	0.46	0.01	0.04
6.23	0.48	0.52	0.46	0.01	0.04	6.24	0.48	0.52	0.45	0.01	0.04
6.25	0.47	0.53	0.45	0.01	0.04	6.26	0.47	0.53	0.44	0.01	0.04
6.27	0.46	0.54	0.44	0.01	0.04	6.28	0.45	0.55	0.43	0.01	0.04
6.29	0.44	0.56	0.42	0.01	0.04	6.30	0.44	0.56	0.42	0.01	0.04
6.31	0.44	0.56	0.42	0.01	0.04	6.32	0.44	0.56	0.42	0.01	0.04
6.33	0.44	0.56	0.41	0.01	0.04	6.34	0.44	0.56	0.42	0.01	0.04
6.35	0.44	0.56	0.42	0.01	0.04	6.36	0.45	0.55	0.43	0.01	0.04
6.37	0.46	0.54	0.44	0.01	0.04	6.38	0.46	0.54	0.44	0.01	0.04
6.39	0.46	0.54	0.44	0.01	0.04	6.40	0.45	0.55	0.43	0.01	0.04
6.41	2.00	0.00	0.00	0.01	0.00	6.42	2.00	0.00	0.00	0.01	0.00
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	0.44	0.56	0.42	0.01	0.04
6.57	0.44	0.56	0.42	0.01	0.04	6.58	0.44	0.56	0.42	0.01	0.04
6.59	0.44	0.56	0.42	0.01	0.04	6.60	0.44	0.56	0.42	0.01	0.04
6.61	0.43	0.57	0.41	0.01	0.04	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	0.44	0.56	0.42	0.01	0.04
6.79	0.45	0.55	0.43	0.01	0.04	6.80	0.45	0.55	0.43	0.01	0.04
6.81	0.46	0.54	0.43	0.01	0.04	6.82	0.46	0.54	0.44	0.01	0.04
6.83	0.46	0.54	0.44	0.01	0.04	6.84	0.46	0.54	0.44	0.01	0.04
6.85	0.45	0.55	0.43	0.01	0.04	6.86	0.45	0.55	0.42	0.01	0.04
6.87	0.44	0.56	0.42	0.01	0.04	6.88	0.44	0.56	0.42	0.01	0.04
6.89	0.44	0.56	0.42	0.01	0.04	6.90	0.44	0.56	0.42	0.01	0.04
6.91	0.44	0.56	0.42	0.01	0.04	6.92	0.45	0.55	0.43	0.01	0.04
6.93	0.46	0.54	0.44	0.01	0.04	6.94	0.47	0.53	0.45	0.01	0.03
6.95	0.48	0.52	0.46	0.01	0.03	6.96	0.49	0.51	0.46	0.01	0.03
6.97	0.49	0.51	0.47	0.01	0.03	6.98	0.49	0.51	0.47	0.01	0.03
6.99	0.48	0.52	0.46	0.01	0.03	7.00	0.48	0.52	0.46	0.01	0.03
7.01	0.47	0.53	0.45	0.01	0.03	7.02	0.47	0.53	0.44	0.01	0.03
7.03	0.46	0.54	0.44	0.01	0.04	7.04	0.45	0.55	0.43	0.01	0.04
7.05	0.44	0.56	0.42	0.01	0.04	7.06	0.44	0.56	0.42	0.01	0.04
7.07	0.43	0.57	0.41	0.01	0.04	7.08	0.43	0.57	0.41	0.01	0.04
7.09	0.43	0.57	0.41	0.01	0.04	7.10	0.44	0.56	0.42	0.01	0.04
7.11	0.45	0.55	0.43	0.01	0.04	7.12	0.45	0.55	0.43	0.01	0.04
7.13	0.46	0.54	0.44	0.01	0.03	7.14	0.46	0.54	0.43	0.01	0.03
7.15	0.45	0.55	0.43	0.01	0.04	7.16	0.44	0.56	0.42	0.01	0.04
7.17	0.44	0.56	0.42	0.01	0.04	7.18	0.43	0.57	0.41	0.01	0.04
7.19	0.42	0.58	0.40	0.01	0.04	7.20	0.42	0.58	0.40	0.01	0.04
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	0.44	0.56	0.42	0.01	0.04	7.28	0.48	0.52	0.45	0.01	0.03
7.29	0.49	0.51	0.46	0.01	0.03	7.30	0.50	0.50	0.48	0.01	0.03
7.31	0.52	0.48	0.50	0.01	0.03	7.32	0.52	0.48	0.50	0.01	0.03
7.33	0.51	0.49	0.50	0.01	0.03	7.34	0.51	0.49	0.49	0.01	0.03
7.35	0.51	0.49	0.49	0.01	0.03	7.36	0.48	0.52	0.45	0.01	0.03
7.37	0.47	0.53	0.45	0.01	0.03	7.38	0.46	0.54	0.44	0.01	0.03
7.39	0.45	0.55	0.43	0.01	0.03	7.40	0.45	0.55	0.43	0.01	0.03
7.41	0.46	0.54	0.43	0.01	0.03	7.42	0.47	0.53	0.45	0.01	0.03
7.43	0.47	0.53	0.45	0.01	0.03	7.44	0.49	0.51	0.46	0.01	0.03
7.45	0.52	0.48	0.50	0.01	0.03	7.46	0.53	0.47	0.52	0.01	0.03
7.47	0.55	0.45	0.54	0.01	0.03	7.48	0.56	0.44	0.55	0.01	0.03
7.49	0.56	0.44	0.56	0.01	0.03	7.50	0.56	0.44	0.56	0.01	0.03
7.51	0.55	0.45	0.54	0.01	0.03	7.52	0.54	0.46	0.53	0.01	0.03
7.53	0.54	0.46	0.52	0.01	0.03	7.54	0.53	0.47	0.51	0.01	0.03
7.55	0.51	0.49	0.49	0.01	0.03	7.56	0.50	0.50	0.48	0.01	0.03
7.57	0.49	0.51	0.47	0.01	0.03	7.58	0.48	0.52	0.46	0.01	0.03
7.59	0.47	0.53	0.44	0.01	0.03	7.60	0.47	0.53	0.44	0.01	0.03
7.61	0.47	0.53	0.44	0.01	0.03	7.62	0.47	0.53	0.44	0.01	0.03
7.63	0.47	0.53	0.44	0.01	0.03	7.64	0.47	0.53	0.44	0.01	0.03
7.65	0.47	0.53	0.44	0.01	0.03	7.66	0.47	0.53	0.45	0.01	0.03
7.67	0.47	0.53	0.45	0.01	0.03	7.68	0.47	0.53	0.45	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.47	0.53	0.45	0.01	0.03	7.70	0.47	0.53	0.45	0.01	0.03
7.71	0.47	0.53	0.44	0.01	0.03	7.72	0.47	0.53	0.44	0.01	0.03
7.73	0.46	0.54	0.44	0.01	0.03	7.74	0.46	0.54	0.44	0.01	0.03
7.75	0.46	0.54	0.44	0.01	0.03	7.76	0.45	0.55	0.43	0.01	0.03
7.77	0.45	0.55	0.43	0.01	0.03	7.78	0.45	0.55	0.42	0.01	0.03
7.79	0.44	0.56	0.42	0.01	0.03	7.80	0.43	0.57	0.41	0.01	0.03
7.81	0.43	0.57	0.41	0.01	0.03	7.82	0.42	0.58	0.40	0.01	0.04
7.83	0.42	0.58	0.40	0.01	0.04	7.84	0.41	0.59	0.40	0.01	0.04
7.85	0.41	0.59	0.39	0.01	0.04	7.86	0.41	0.59	0.39	0.01	0.04
7.87	0.40	0.60	0.39	0.01	0.04	7.88	0.40	0.60	0.39	0.01	0.04
7.89	0.40	0.60	0.38	0.01	0.04	7.90	0.38	0.62	0.37	0.01	0.04
7.91	0.37	0.63	0.36	0.01	0.04	7.92	0.36	0.64	0.36	0.01	0.04
7.93	0.37	0.63	0.36	0.01	0.04	7.94	0.37	0.63	0.36	0.01	0.04
7.95	0.37	0.63	0.37	0.01	0.04	7.96	0.38	0.62	0.37	0.01	0.04
7.97	0.39	0.61	0.38	0.01	0.04	7.98	0.40	0.60	0.39	0.01	0.04
7.99	0.41	0.59	0.40	0.01	0.04	8.00	0.42	0.58	0.40	0.01	0.03
8.01	0.43	0.57	0.41	0.01	0.03	8.02	0.44	0.56	0.42	0.01	0.03
8.03	0.45	0.55	0.42	0.01	0.03	8.04	0.45	0.55	0.43	0.01	0.03
8.05	0.45	0.55	0.43	0.01	0.03	8.06	0.46	0.54	0.44	0.01	0.03
8.07	0.46	0.54	0.44	0.01	0.03	8.08	0.46	0.54	0.44	0.01	0.03
8.09	0.46	0.54	0.44	0.01	0.03	8.10	0.46	0.54	0.44	0.01	0.03
8.11	0.45	0.55	0.43	0.01	0.03	8.12	0.45	0.55	0.42	0.01	0.03
8.13	0.44	0.56	0.42	0.01	0.03	8.14	0.44	0.56	0.42	0.01	0.03
8.15	0.44	0.56	0.42	0.01	0.03	8.16	0.44	0.56	0.42	0.01	0.03
8.17	0.44	0.56	0.42	0.01	0.03	8.18	0.44	0.56	0.42	0.01	0.03
8.19	0.44	0.56	0.42	0.01	0.03	8.20	0.44	0.56	0.42	0.01	0.03
8.21	0.44	0.56	0.42	0.01	0.03	8.22	0.45	0.55	0.42	0.01	0.03
8.23	0.45	0.55	0.42	0.01	0.03	8.24	0.45	0.55	0.42	0.01	0.03
8.25	0.45	0.55	0.43	0.01	0.03	8.26	0.46	0.54	0.43	0.01	0.03
8.27	0.46	0.54	0.44	0.01	0.03	8.28	0.48	0.52	0.45	0.01	0.03
8.29	0.49	0.51	0.47	0.01	0.03	8.30	0.51	0.49	0.49	0.01	0.03
8.31	0.52	0.48	0.50	0.01	0.03	8.32	0.53	0.47	0.52	0.01	0.03
8.33	0.55	0.45	0.54	0.01	0.03	8.34	0.56	0.44	0.55	0.01	0.03
8.35	0.57	0.43	0.57	0.01	0.03	8.36	0.57	0.43	0.58	0.01	0.02
8.37	0.58	0.42	0.59	0.01	0.02	8.38	0.57	0.43	0.58	0.01	0.02
8.39	0.57	0.43	0.58	0.01	0.02	8.40	0.57	0.43	0.58	0.01	0.02
8.41	0.57	0.43	0.58	0.01	0.02	8.42	0.57	0.43	0.57	0.01	0.03
8.43	0.57	0.43	0.57	0.01	0.03	8.44	0.57	0.43	0.57	0.01	0.03
8.45	0.56	0.44	0.56	0.01	0.03	8.46	0.56	0.44	0.57	0.01	0.03
8.47	0.55	0.45	0.55	0.01	0.03	8.48	0.55	0.45	0.54	0.01	0.03
8.49	0.53	0.47	0.51	0.01	0.03	8.50	0.52	0.48	0.50	0.01	0.03
8.51	0.49	0.51	0.47	0.01	0.03	8.52	0.48	0.52	0.45	0.01	0.03
8.53	0.45	0.55	0.43	0.01	0.03	8.54	0.46	0.54	0.43	0.01	0.03
8.55	0.46	0.54	0.44	0.01	0.03	8.56	0.48	0.52	0.45	0.01	0.03
8.57	0.51	0.49	0.49	0.01	0.03	8.58	0.52	0.48	0.51	0.01	0.03
8.59	0.54	0.46	0.53	0.01	0.03	8.60	0.55	0.45	0.54	0.01	0.03
8.61	0.55	0.45	0.55	0.01	0.03	8.62	0.56	0.44	0.56	0.01	0.03
8.63	0.56	0.44	0.56	0.01	0.03	8.64	0.55	0.45	0.54	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	0.55	0.45	0.55	0.01	0.03	8.66	0.54	0.46	0.54	0.01	0.03
8.67	0.54	0.46	0.53	0.01	0.03	8.68	0.53	0.47	0.51	0.01	0.03
8.69	0.52	0.48	0.50	0.01	0.03	8.70	0.51	0.49	0.49	0.01	0.03
8.71	0.49	0.51	0.46	0.01	0.03	8.72	0.48	0.52	0.45	0.01	0.03
8.73	0.48	0.52	0.46	0.01	0.03	8.74	0.49	0.51	0.47	0.01	0.03
8.75	0.52	0.48	0.50	0.01	0.03	8.76	0.54	0.46	0.53	0.01	0.03
8.77	0.56	0.44	0.57	0.01	0.02	8.78	0.58	0.42	0.60	0.01	0.02
8.79	0.61	0.39	0.64	0.01	0.02	8.80	0.62	0.38	0.66	0.01	0.02
8.81	0.63	0.37	0.69	0.01	0.02	8.82	0.63	0.37	0.70	0.01	0.02
8.83	0.63	0.37	0.70	0.01	0.02	8.84	0.63	0.37	0.69	0.01	0.02
8.85	0.63	0.37	0.69	0.01	0.02	8.86	0.62	0.38	0.67	0.01	0.02
8.87	0.61	0.39	0.66	0.01	0.02	8.88	0.61	0.39	0.65	0.01	0.02
8.89	0.60	0.40	0.64	0.01	0.02	8.90	0.55	0.45	0.55	0.01	0.02
8.91	0.47	0.53	0.44	0.01	0.03	8.92	0.47	0.53	0.45	0.01	0.03
8.93	0.48	0.52	0.45	0.01	0.03	8.94	0.48	0.52	0.46	0.01	0.03
8.95	0.50	0.50	0.48	0.01	0.03	8.96	0.51	0.49	0.49	0.01	0.03
8.97	0.52	0.48	0.50	0.01	0.03	8.98	0.52	0.48	0.50	0.01	0.03
8.99	0.52	0.48	0.50	0.01	0.03	9.00	0.51	0.49	0.49	0.01	0.03
9.01	0.49	0.51	0.47	0.01	0.03	9.02	0.45	0.55	0.43	0.01	0.03
9.03	0.44	0.56	0.42	0.01	0.03	9.04	0.43	0.57	0.41	0.01	0.03
9.05	0.43	0.57	0.41	0.01	0.03	9.06	0.44	0.56	0.42	0.01	0.03
9.07	0.44	0.56	0.42	0.01	0.03	9.08	0.45	0.55	0.43	0.01	0.03
9.09	0.45	0.55	0.43	0.01	0.03	9.10	0.46	0.54	0.43	0.01	0.03
9.11	0.43	0.57	0.41	0.01	0.03	9.12	0.43	0.57	0.41	0.01	0.03
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00

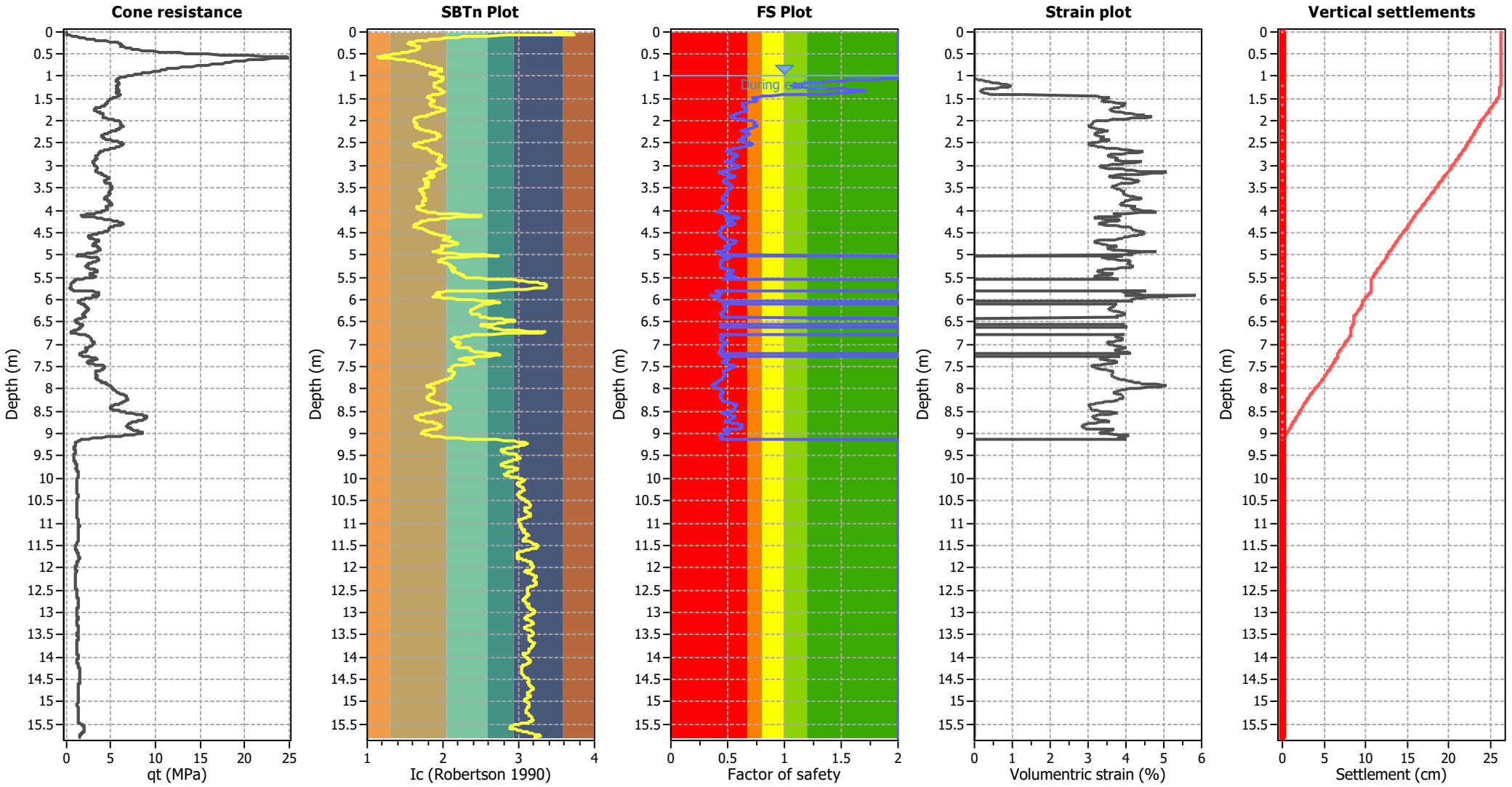
Overall liquefaction potential: 24.68

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	148.47	2.00	0.00	1.00	0.00	1.01	148.88	2.00	0.00	1.00	0.00
1.02	146.74	2.00	0.00	1.00	0.00	1.03	146.69	2.00	0.00	1.00	0.00
1.04	144.32	2.00	0.00	1.00	0.00	1.05	143.41	2.00	0.00	1.00	0.00
1.06	141.04	1.88	0.05	1.00	0.00	1.07	139.50	1.80	0.08	1.00	0.00
1.08	138.17	1.74	0.12	1.00	0.00	1.09	135.50	1.64	0.18	1.00	0.00
1.10	133.66	1.57	0.22	1.00	0.00	1.11	131.36	1.49	0.28	1.00	0.00
1.12	128.75	1.41	0.35	1.00	0.00	1.13	127.66	1.37	0.38	1.00	0.00
1.14	124.95	1.30	0.46	1.00	0.00	1.15	122.68	1.25	0.54	1.00	0.01
1.16	120.24	1.19	0.63	1.00	0.01	1.17	117.81	1.14	0.74	1.00	0.01
1.18	115.78	1.10	0.84	1.00	0.01	1.19	115.26	1.09	0.88	1.00	0.01
1.20	114.91	1.08	0.91	1.00	0.01	1.21	114.57	1.07	0.94	1.00	0.01
1.22	114.62	1.07	0.95	1.00	0.01	1.23	114.69	1.06	0.96	1.00	0.01
1.24	115.71	1.08	0.92	1.00	0.01	1.25	118.61	1.12	0.78	1.00	0.01
1.26	121.95	1.18	0.65	1.00	0.01	1.27	124.70	1.23	0.56	1.00	0.01
1.28	131.73	1.40	0.36	1.00	0.00	1.29	135.85	1.52	0.26	1.00	0.00
1.30	138.07	1.59	0.21	1.00	0.00	1.31	139.67	1.64	0.17	1.00	0.00
1.32	141.35	1.70	0.14	1.00	0.00	1.33	141.24	1.69	0.14	1.00	0.00
1.34	141.68	1.70	0.14	1.00	0.00	1.35	141.06	1.67	0.15	1.00	0.00
1.36	139.66	1.61	0.19	1.00	0.00	1.37	138.05	1.55	0.23	1.00	0.00
1.38	137.65	1.53	0.25	1.00	0.00	1.39	135.95	1.47	0.29	1.00	0.00
1.40	131.82	1.35	0.41	1.00	0.00	1.41	126.03	1.20	0.61	1.00	0.01
1.42	114.18	0.99	1.28	1.00	0.01	1.43	105.23	0.87	3.05	1.00	0.03
1.44	101.50	0.83	3.16	1.00	0.03	1.45	99.62	0.81	3.23	1.00	0.03
1.46	95.61	0.77	3.36	1.00	0.03	1.47	93.60	0.75	3.44	1.00	0.03
1.48	90.88	0.73	3.54	1.00	0.04	1.49	90.33	0.72	3.56	1.00	0.04
1.50	91.58	0.73	3.51	1.00	0.04	1.51	91.38	0.73	3.52	1.00	0.04
1.52	93.14	0.74	3.45	1.00	0.03	1.53	94.59	0.75	3.40	1.00	0.03
1.54	95.28	0.75	3.37	1.00	0.03	1.55	96.24	0.76	3.34	1.00	0.03
1.56	95.14	0.75	3.38	1.00	0.03	1.57	92.15	0.72	3.49	1.00	0.03
1.58	88.72	0.69	3.62	1.00	0.04	1.59	85.51	0.67	3.76	1.00	0.04
1.60	82.79	0.65	3.88	1.00	0.04	1.61	80.75	0.63	3.97	1.00	0.04
1.62	80.86	0.63	3.97	1.00	0.04	1.63	80.42	0.63	3.99	1.00	0.04
1.64	81.30	0.63	3.95	1.00	0.04	1.65	81.08	0.63	3.96	1.00	0.04
1.66	81.54	0.63	3.94	1.00	0.04	1.67	81.83	0.63	3.92	1.00	0.04
1.68	83.69	0.64	3.84	1.00	0.04	1.69	83.53	0.64	3.84	1.00	0.04
1.70	86.31	0.66	3.72	1.00	0.04	1.71	88.40	0.67	3.64	1.00	0.04
1.72	87.66	0.66	3.67	1.00	0.04	1.73	89.23	0.67	3.60	1.00	0.04
1.74	89.63	0.67	3.59	1.00	0.04	1.75	89.44	0.67	3.59	1.00	0.04
1.76	89.70	0.67	3.58	1.00	0.04	1.77	88.41	0.66	3.64	1.00	0.04
1.78	89.13	0.66	3.61	1.00	0.04	1.79	86.08	0.64	3.73	1.00	0.04
1.80	85.16	0.63	3.77	1.00	0.04	1.81	82.28	0.61	3.90	1.00	0.04
1.82	79.79	0.60	4.02	1.00	0.04	1.83	79.06	0.59	4.05	1.00	0.04
1.84	76.84	0.58	4.17	1.00	0.04	1.85	75.08	0.57	4.26	1.00	0.04
1.86	73.37	0.56	4.35	1.00	0.04	1.87	71.67	0.55	4.45	1.00	0.04
1.88	70.81	0.54	4.50	1.00	0.05	1.89	70.67	0.54	4.51	1.00	0.05
1.90	69.97	0.54	4.55	1.00	0.05	1.91	67.45	0.53	4.71	1.00	0.05
1.92	69.63	0.53	4.57	1.00	0.05	1.93	71.64	0.54	4.45	1.00	0.04
1.94	76.84	0.57	4.17	1.00	0.04	1.95	79.86	0.58	4.02	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	85.90	0.62	3.74	1.00	0.04	1.97	88.92	0.64	3.62	1.00	0.04
1.98	91.10	0.65	3.53	1.00	0.04	1.99	94.63	0.67	3.40	1.00	0.03
2.00	95.97	0.68	3.35	1.00	0.03	2.01	100.67	0.72	3.19	1.00	0.03
2.02	101.67	0.73	3.16	1.00	0.03	2.03	103.35	0.74	3.11	1.00	0.03
2.04	103.52	0.74	3.10	1.00	0.03	2.05	103.35	0.74	3.11	1.00	0.03
2.06	103.18	0.73	3.11	1.00	0.03	2.07	103.02	0.73	3.12	1.00	0.03
2.08	103.18	0.73	3.11	1.00	0.03	2.09	104.19	0.74	3.08	1.00	0.03
2.10	105.87	0.75	3.03	1.00	0.03	2.11	106.37	0.76	3.02	1.00	0.03
2.12	106.71	0.76	3.01	1.00	0.03	2.13	106.20	0.75	3.02	1.00	0.03
2.14	105.36	0.74	3.04	1.00	0.03	2.15	103.18	0.72	3.11	1.00	0.03
2.16	101.84	0.71	3.15	1.00	0.03	2.17	100.83	0.70	3.19	1.00	0.03
2.18	98.99	0.68	3.25	1.00	0.03	2.19	98.15	0.68	3.27	1.00	0.03
2.20	94.63	0.65	3.40	1.00	0.03	2.21	92.81	0.64	3.46	1.00	0.03
2.22	91.61	0.63	3.51	1.00	0.04	2.23	90.65	0.62	3.55	1.00	0.04
2.24	93.00	0.63	3.46	1.00	0.03	2.25	95.61	0.65	3.36	1.00	0.03
2.26	97.10	0.66	3.31	1.00	0.03	2.27	100.26	0.69	3.20	1.00	0.03
2.28	100.27	0.69	3.20	1.00	0.03	2.29	101.32	0.69	3.17	1.00	0.03
2.30	101.54	0.69	3.16	1.00	0.03	2.31	99.81	0.68	3.22	1.00	0.03
2.32	100.09	0.68	3.21	1.00	0.03	2.33	98.85	0.67	3.25	1.00	0.03
2.34	97.27	0.66	3.30	1.00	0.03	2.35	96.00	0.65	3.35	1.00	0.03
2.36	94.16	0.63	3.42	1.00	0.03	2.37	93.98	0.63	3.42	1.00	0.03
2.38	94.73	0.63	3.39	1.00	0.03	2.39	96.11	0.64	3.35	1.00	0.03
2.40	97.37	0.65	3.30	1.00	0.03	2.41	95.36	0.64	3.37	1.00	0.03
2.42	95.59	0.64	3.36	1.00	0.03	2.43	89.64	0.60	3.59	1.00	0.04
2.44	91.26	0.61	3.52	1.00	0.04	2.45	93.01	0.62	3.46	1.00	0.03
2.46	95.97	0.64	3.35	1.00	0.03	2.47	99.83	0.66	3.22	1.00	0.03
2.48	100.50	0.67	3.20	1.00	0.03	2.49	102.51	0.69	3.13	1.00	0.03
2.50	104.02	0.70	3.09	1.00	0.03	2.51	106.54	0.72	3.01	1.00	0.03
2.52	107.04	0.72	3.00	1.00	0.03	2.53	107.21	0.72	2.99	1.00	0.03
2.54	105.53	0.71	3.04	1.00	0.03	2.55	104.02	0.69	3.09	1.00	0.03
2.56	100.83	0.67	3.19	1.00	0.03	2.57	99.32	0.65	3.24	1.00	0.03
2.58	97.48	0.64	3.30	1.00	0.03	2.59	94.63	0.62	3.40	1.00	0.03
2.60	92.61	0.60	3.47	1.00	0.03	2.61	90.77	0.59	3.54	1.00	0.04
2.62	86.98	0.57	3.70	1.00	0.04	2.63	85.03	0.56	3.78	1.00	0.04
2.64	81.58	0.54	3.93	1.00	0.04	2.65	80.79	0.53	3.97	1.00	0.04
2.66	79.22	0.52	4.05	1.00	0.04	2.67	74.72	0.50	4.28	1.00	0.04
2.68	73.26	0.50	4.36	1.00	0.04	2.69	71.15	0.49	4.48	1.00	0.04
2.70	73.28	0.49	4.36	1.00	0.04	2.71	76.25	0.51	4.20	1.00	0.04
2.72	79.40	0.52	4.04	1.00	0.04	2.73	82.13	0.53	3.91	1.00	0.04
2.74	85.05	0.55	3.78	1.00	0.04	2.75	87.14	0.56	3.69	1.00	0.04
2.76	89.58	0.57	3.59	1.00	0.04	2.77	91.17	0.58	3.53	1.00	0.04
2.78	91.39	0.58	3.52	1.00	0.04	2.79	91.37	0.58	3.52	1.00	0.04
2.80	90.35	0.58	3.56	1.00	0.04	2.81	88.44	0.56	3.64	1.00	0.04
2.82	86.61	0.55	3.71	1.00	0.04	2.83	84.95	0.54	3.78	1.00	0.04
2.84	84.07	0.54	3.82	1.00	0.04	2.85	84.87	0.54	3.79	1.00	0.04
2.86	85.81	0.55	3.75	1.00	0.04	2.87	86.82	0.55	3.70	1.00	0.04
2.88	85.00	0.54	3.78	1.00	0.04	2.89	85.78	0.55	3.75	1.00	0.04
2.90	81.90	0.52	3.92	1.00	0.04	2.91	73.32	0.48	4.36	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	72.24	0.48	4.42	1.00	0.04	2.93	76.65	0.50	4.18	1.00	0.04
2.94	79.99	0.51	4.01	1.00	0.04	2.95	81.27	0.52	3.95	1.00	0.04
2.96	83.04	0.53	3.87	1.00	0.04	2.97	86.24	0.54	3.73	1.00	0.04
2.98	89.17	0.56	3.61	1.00	0.04	2.99	92.04	0.58	3.49	1.00	0.03
3.00	93.35	0.58	3.44	1.00	0.03	3.01	95.45	0.60	3.37	1.00	0.03
3.02	96.84	0.61	3.32	1.00	0.03	3.03	96.83	0.61	3.32	1.00	0.03
3.04	96.07	0.60	3.35	1.00	0.03	3.05	95.15	0.59	3.38	1.00	0.03
3.06	91.58	0.57	3.51	1.00	0.04	3.07	87.49	0.55	3.67	1.00	0.04
3.08	82.01	0.52	3.91	1.00	0.04	3.09	80.31	0.51	3.99	1.00	0.04
3.10	78.69	0.50	4.07	1.00	0.04	3.11	76.61	0.49	4.18	1.00	0.04
3.12	73.64	0.47	4.34	1.00	0.04	3.13	70.46	0.46	4.52	1.00	0.05
3.14	65.81	0.44	4.82	1.00	0.05	3.15	62.08	0.42	5.08	1.00	0.05
3.16	62.97	0.43	5.01	1.00	0.05	3.17	64.49	0.43	4.90	1.00	0.05
3.18	67.83	0.45	4.68	1.00	0.05	3.19	72.63	0.47	4.39	1.00	0.04
3.20	78.71	0.49	4.07	1.00	0.04	3.21	84.57	0.52	3.80	1.00	0.04
3.22	88.10	0.54	3.65	1.00	0.04	3.23	89.56	0.55	3.59	1.00	0.04
3.24	91.08	0.56	3.53	1.00	0.04	3.25	89.23	0.55	3.60	1.00	0.04
3.26	86.31	0.53	3.72	1.00	0.04	3.27	84.66	0.52	3.79	1.00	0.04
3.28	83.03	0.51	3.87	1.00	0.04	3.29	80.98	0.50	3.96	1.00	0.04
3.30	78.59	0.49	4.08	1.00	0.04	3.31	77.52	0.48	4.13	1.00	0.04
3.32	75.84	0.48	4.22	1.00	0.04	3.33	74.68	0.47	4.28	1.00	0.04
3.34	73.65	0.46	4.34	1.00	0.04	3.35	73.66	0.46	4.34	1.00	0.04
3.36	73.92	0.46	4.32	1.00	0.04	3.37	74.68	0.47	4.28	1.00	0.04
3.38	77.09	0.48	4.15	1.00	0.04	3.39	78.05	0.48	4.10	1.00	0.04
3.40	79.59	0.49	4.03	1.00	0.04	3.41	83.23	0.51	3.86	1.00	0.04
3.42	84.23	0.51	3.81	1.00	0.04	3.43	85.13	0.52	3.77	1.00	0.04
3.44	85.65	0.52	3.75	1.00	0.04	3.45	87.31	0.53	3.68	1.00	0.04
3.46	87.93	0.53	3.66	1.00	0.04	3.47	89.08	0.54	3.61	1.00	0.04
3.48	87.94	0.53	3.66	1.00	0.04	3.49	87.04	0.53	3.69	1.00	0.04
3.50	86.57	0.52	3.71	1.00	0.04	3.51	86.24	0.52	3.73	1.00	0.04
3.52	84.56	0.51	3.80	1.00	0.04	3.53	83.89	0.51	3.83	1.00	0.04
3.54	83.55	0.50	3.84	1.00	0.04	3.55	83.22	0.50	3.86	1.00	0.04
3.56	82.88	0.50	3.87	1.00	0.04	3.57	82.21	0.50	3.90	1.00	0.04
3.58	81.37	0.49	3.94	1.00	0.04	3.59	81.20	0.49	3.95	1.00	0.04
3.60	81.71	0.49	3.93	1.00	0.04	3.61	81.71	0.49	3.93	1.00	0.04
3.62	81.88	0.49	3.92	1.00	0.04	3.63	82.21	0.49	3.90	1.00	0.04
3.64	81.88	0.49	3.92	1.00	0.04	3.65	81.20	0.49	3.95	1.00	0.04
3.66	80.70	0.49	3.98	1.00	0.04	3.67	79.36	0.48	4.04	1.00	0.04
3.68	78.69	0.48	4.07	1.00	0.04	3.69	76.84	0.47	4.17	1.00	0.04
3.70	75.67	0.46	4.23	1.00	0.04	3.71	74.67	0.46	4.28	1.00	0.04
3.72	73.01	0.45	4.37	1.00	0.04	3.73	72.40	0.45	4.41	1.00	0.04
3.74	72.57	0.45	4.40	1.00	0.04	3.75	74.40	0.45	4.30	1.00	0.04
3.76	75.72	0.46	4.23	1.00	0.04	3.77	77.23	0.47	4.15	1.00	0.04
3.78	79.04	0.47	4.06	1.00	0.04	3.79	79.50	0.48	4.03	1.00	0.04
3.80	80.88	0.48	3.97	1.00	0.04	3.81	80.95	0.48	3.96	1.00	0.04
3.82	81.31	0.48	3.95	1.00	0.04	3.83	81.52	0.48	3.94	1.00	0.04
3.84	82.40	0.49	3.90	1.00	0.04	3.85	82.89	0.49	3.87	1.00	0.04
3.86	83.51	0.49	3.85	1.00	0.04	3.87	83.44	0.49	3.85	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	82.68	0.49	3.88	1.00	0.04	3.89	82.62	0.49	3.89	1.00	0.04
3.90	82.55	0.49	3.89	1.00	0.04	3.91	74.72	0.45	4.28	1.00	0.04
3.92	75.79	0.45	4.22	1.00	0.04	3.93	76.30	0.46	4.19	1.00	0.04
3.94	77.51	0.46	4.13	1.00	0.04	3.95	77.87	0.46	4.11	1.00	0.04
3.96	77.40	0.46	4.14	1.00	0.04	3.97	76.93	0.46	4.16	1.00	0.04
3.98	75.90	0.45	4.22	1.00	0.04	3.99	73.17	0.44	4.36	1.00	0.04
4.00	72.13	0.44	4.42	1.00	0.04	4.01	69.29	0.42	4.59	1.00	0.05
4.02	68.79	0.42	4.62	1.00	0.05	4.03	67.98	0.42	4.67	1.00	0.05
4.04	65.69	0.41	4.82	1.00	0.05	4.05	69.23	0.42	4.60	1.00	0.05
4.06	72.56	0.44	4.40	1.00	0.04	4.07	80.04	0.47	4.01	1.00	0.04
4.08	87.83	0.51	3.66	1.00	0.04	4.09	84.57	0.49	3.80	1.00	0.04
4.10	85.10	0.49	3.78	1.00	0.04	4.11	84.95	0.49	3.78	1.00	0.04
4.12	82.67	0.48	3.88	1.00	0.04	4.13	85.18	0.49	3.77	1.00	0.04
4.14	88.27	0.51	3.64	1.00	0.04	4.15	98.33	0.57	3.27	1.00	0.03
4.16	99.09	0.58	3.24	1.00	0.03	4.17	102.32	0.60	3.14	1.00	0.03
4.18	99.70	0.58	3.22	1.00	0.03	4.19	96.01	0.55	3.35	1.00	0.03
4.20	93.70	0.54	3.43	1.00	0.03	4.21	84.57	0.49	3.80	1.00	0.04
4.22	83.37	0.48	3.85	1.00	0.04	4.23	84.71	0.49	3.79	1.00	0.04
4.24	86.90	0.50	3.70	1.00	0.04	4.25	90.42	0.52	3.56	1.00	0.04
4.26	92.06	0.53	3.49	1.00	0.03	4.27	94.48	0.54	3.40	1.00	0.03
4.28	95.61	0.55	3.36	1.00	0.03	4.29	96.54	0.55	3.33	1.00	0.03
4.30	98.33	0.57	3.27	1.00	0.03	4.31	98.14	0.57	3.28	1.00	0.03
4.32	95.96	0.55	3.35	1.00	0.03	4.33	93.41	0.53	3.44	1.00	0.03
4.34	90.60	0.52	3.55	1.00	0.04	4.35	85.12	0.49	3.77	1.00	0.04
4.36	82.66	0.47	3.88	1.00	0.04	4.37	80.60	0.46	3.98	1.00	0.04
4.38	78.11	0.45	4.10	1.00	0.04	4.39	77.38	0.45	4.14	1.00	0.04
4.40	77.19	0.45	4.15	1.00	0.04	4.41	77.00	0.45	4.16	1.00	0.04
4.42	77.08	0.45	4.15	1.00	0.04	4.43	76.89	0.45	4.16	1.00	0.04
4.44	76.45	0.44	4.19	1.00	0.04	4.45	75.78	0.44	4.22	1.00	0.04
4.46	73.99	0.43	4.32	1.00	0.04	4.47	72.84	0.43	4.38	1.00	0.04
4.48	72.29	0.43	4.41	1.00	0.04	4.49	70.82	0.42	4.50	1.00	0.04
4.50	71.72	0.42	4.45	1.00	0.04	4.51	70.63	0.42	4.51	1.00	0.05
4.52	71.26	0.42	4.47	1.00	0.04	4.53	72.50	0.43	4.40	1.00	0.04
4.54	71.72	0.42	4.45	1.00	0.04	4.55	72.67	0.43	4.39	1.00	0.04
4.56	74.61	0.43	4.29	1.00	0.04	4.57	74.78	0.43	4.28	1.00	0.04
4.58	77.24	0.44	4.15	1.00	0.04	4.59	79.15	0.45	4.05	1.00	0.04
4.60	80.28	0.46	4.00	1.00	0.04	4.61	81.68	0.46	3.93	1.00	0.04
4.62	81.70	0.46	3.93	1.00	0.04	4.63	84.32	0.48	3.81	1.00	0.04
4.64	84.40	0.48	3.81	1.00	0.04	4.65	86.31	0.49	3.72	1.00	0.04
4.66	91.93	0.52	3.50	1.00	0.03	4.67	95.63	0.54	3.36	1.00	0.03
4.68	98.52	0.56	3.26	1.00	0.03	4.69	100.74	0.57	3.19	1.00	0.03
4.70	101.47	0.58	3.17	1.00	0.03	4.71	101.72	0.58	3.16	1.00	0.03
4.72	100.32	0.57	3.20	1.00	0.03	4.73	100.26	0.57	3.20	1.00	0.03
4.74	96.98	0.55	3.31	1.00	0.03	4.75	95.85	0.54	3.35	1.00	0.03
4.76	93.84	0.53	3.43	1.00	0.03	4.77	92.44	0.52	3.48	1.00	0.03
4.78	90.74	0.51	3.54	1.00	0.04	4.79	88.66	0.50	3.63	1.00	0.04
4.80	88.00	0.49	3.65	1.00	0.04	4.81	85.24	0.48	3.77	1.00	0.04
4.82	85.98	0.48	3.74	1.00	0.04	4.83	88.21	0.49	3.64	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	91.02	0.51	3.53	1.00	0.04	4.85	91.94	0.51	3.50	1.00	0.03
4.86	91.75	0.51	3.50	1.00	0.04	4.87	89.57	0.50	3.59	1.00	0.04
4.88	88.80	0.49	3.62	1.00	0.04	4.89	88.32	0.49	3.64	1.00	0.04
4.90	84.36	0.47	3.81	1.00	0.04	4.91	72.42	0.42	4.41	1.00	0.04
4.92	65.89	0.39	4.81	1.00	0.05	4.93	67.83	0.40	4.68	1.00	0.05
4.94	70.70	0.41	4.51	1.00	0.05	4.95	77.89	0.44	4.11	1.00	0.04
4.96	76.91	0.44	4.16	1.00	0.04	4.97	79.67	0.45	4.02	1.00	0.04
4.98	79.15	0.45	4.05	1.00	0.04	4.99	79.06	0.44	4.05	1.00	0.04
5.00	76.23	0.43	4.20	1.00	0.04	5.01	15.43	2.00	0.00	1.00	0.00
5.02	16.57	2.00	0.00	1.00	0.00	5.03	19.91	2.00	0.00	1.00	0.00
5.04	81.72	0.46	3.93	1.00	0.04	5.05	95.55	0.53	3.37	1.00	0.03
5.06	95.72	0.53	3.36	1.00	0.03	5.07	94.28	0.52	3.41	1.00	0.03
5.08	91.43	0.50	3.52	1.00	0.04	5.09	89.09	0.49	3.61	1.00	0.04
5.10	86.76	0.48	3.70	1.00	0.04	5.11	84.00	0.47	3.82	1.00	0.04
5.12	81.08	0.45	3.96	1.00	0.04	5.13	78.20	0.44	4.10	1.00	0.04
5.14	77.64	0.44	4.13	1.00	0.04	5.15	77.86	0.44	4.11	1.00	0.04
5.16	78.49	0.44	4.08	1.00	0.04	5.17	79.51	0.44	4.03	1.00	0.04
5.18	78.80	0.44	4.07	1.00	0.04	5.19	79.25	0.44	4.05	1.00	0.04
5.20	79.07	0.44	4.05	1.00	0.04	5.21	78.79	0.44	4.07	1.00	0.04
5.22	78.61	0.44	4.08	1.00	0.04	5.23	77.28	0.43	4.14	1.00	0.04
5.24	77.00	0.43	4.16	1.00	0.04	5.25	76.68	0.43	4.18	1.00	0.04
5.26	76.66	0.43	4.18	1.00	0.04	5.27	77.00	0.43	4.16	1.00	0.04
5.28	79.39	0.44	4.04	1.00	0.04	5.29	81.46	0.45	3.94	1.00	0.04
5.30	83.63	0.46	3.84	1.00	0.04	5.31	85.71	0.47	3.75	1.00	0.04
5.32	91.10	0.50	3.53	1.00	0.04	5.33	93.79	0.51	3.43	1.00	0.03
5.34	96.39	0.53	3.34	1.00	0.03	5.35	98.55	0.54	3.26	1.00	0.03
5.36	99.82	0.55	3.22	1.00	0.03	5.37	98.76	0.54	3.25	1.00	0.03
5.38	97.95	0.54	3.28	1.00	0.03	5.39	95.69	0.52	3.36	1.00	0.03
5.40	93.08	0.51	3.45	1.00	0.03	5.41	90.82	0.50	3.54	1.00	0.04
5.42	88.30	0.48	3.64	1.00	0.04	5.43	88.45	0.48	3.63	1.00	0.04
5.44	90.31	0.49	3.56	1.00	0.04	5.45	93.21	0.51	3.45	1.00	0.03
5.46	97.46	0.53	3.30	1.00	0.03	5.47	100.74	0.56	3.19	1.00	0.03
5.48	101.53	0.56	3.16	1.00	0.03	5.49	101.32	0.56	3.17	1.00	0.03
5.50	100.78	0.56	3.19	1.00	0.03	5.51	94.08	0.51	3.42	1.00	0.03
5.52	90.04	0.49	3.57	1.00	0.04	5.53	84.69	0.46	3.79	1.00	0.04
5.54	21.86	2.00	0.00	1.00	0.00	5.55	18.64	2.00	0.00	1.00	0.00
5.56	15.13	2.00	0.00	1.00	0.00	5.57	14.41	2.00	0.00	1.00	0.00
5.58	13.83	2.00	0.00	1.00	0.00	5.59	13.26	2.00	0.00	1.00	0.00
5.60	12.40	2.00	0.00	1.00	0.00	5.61	10.26	2.00	0.00	1.00	0.00
5.62	9.68	2.00	0.00	1.00	0.00	5.63	9.39	2.00	0.00	1.00	0.00
5.64	8.95	2.00	0.00	1.00	0.00	5.65	8.51	2.00	0.00	1.00	0.00
5.66	8.08	2.00	0.00	1.00	0.00	5.67	8.07	2.00	0.00	1.00	0.00
5.68	8.06	2.00	0.00	1.00	0.00	5.69	8.06	2.00	0.00	1.00	0.00
5.70	7.76	2.00	0.00	1.00	0.00	5.71	7.33	2.00	0.00	1.00	0.00
5.72	7.18	2.00	0.00	1.00	0.00	5.73	6.89	2.00	0.00	1.00	0.00
5.74	6.74	2.00	0.00	1.00	0.00	5.75	6.88	2.00	0.00	1.00	0.00
5.76	8.16	2.00	0.00	1.00	0.00	5.77	8.72	2.00	0.00	1.00	0.00
5.78	9.58	2.00	0.00	1.00	0.00	5.79	12.29	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	70.11	0.40	4.54	1.00	0.05	5.81	81.90	0.45	3.92	1.00	0.04
5.82	82.36	0.45	3.90	1.00	0.04	5.83	81.91	0.45	3.92	1.00	0.04
5.84	79.41	0.44	4.04	1.00	0.04	5.85	76.74	0.42	4.17	1.00	0.04
5.86	74.59	0.42	4.29	1.00	0.04	5.87	73.17	0.41	4.36	1.00	0.04
5.88	72.79	0.41	4.39	1.00	0.04	5.89	72.44	0.41	4.41	1.00	0.04
5.90	80.66	0.44	3.98	1.00	0.04	5.91	52.73	0.34	5.86	1.00	0.06
5.92	71.89	0.40	4.44	1.00	0.04	5.93	61.56	0.37	5.12	1.00	0.05
5.94	64.44	0.38	4.91	1.00	0.05	5.95	70.19	0.40	4.54	1.00	0.05
5.96	70.93	0.40	4.49	1.00	0.04	5.97	74.51	0.41	4.29	1.00	0.04
5.98	75.37	0.42	4.24	1.00	0.04	5.99	76.48	0.42	4.19	1.00	0.04
6.00	77.65	0.43	4.13	1.00	0.04	6.01	76.76	0.42	4.17	1.00	0.04
6.02	76.88	0.42	4.16	1.00	0.04	6.03	76.37	0.42	4.19	1.00	0.04
6.04	18.62	2.00	0.00	1.00	0.00	6.05	18.45	2.00	0.00	1.00	0.00
6.06	18.17	2.00	0.00	1.00	0.00	6.07	19.63	2.00	0.00	1.00	0.00
6.08	21.23	2.00	0.00	1.00	0.00	6.09	23.36	2.00	0.00	1.00	0.00
6.10	85.49	0.46	3.76	1.00	0.04	6.11	86.09	0.46	3.73	1.00	0.04
6.12	86.30	0.46	3.72	1.00	0.04	6.13	86.77	0.47	3.70	1.00	0.04
6.14	86.73	0.47	3.71	1.00	0.04	6.15	87.40	0.47	3.68	1.00	0.04
6.16	88.47	0.47	3.63	1.00	0.04	6.17	88.85	0.48	3.62	1.00	0.04
6.18	89.75	0.48	3.58	1.00	0.04	6.19	90.35	0.48	3.56	1.00	0.04
6.20	90.37	0.48	3.56	1.00	0.04	6.21	90.67	0.49	3.55	1.00	0.04
6.22	90.77	0.49	3.54	1.00	0.04	6.23	90.25	0.48	3.56	1.00	0.04
6.24	88.88	0.48	3.62	1.00	0.04	6.25	88.08	0.47	3.65	1.00	0.04
6.26	87.07	0.47	3.69	1.00	0.04	6.27	85.59	0.46	3.75	1.00	0.04
6.28	83.00	0.45	3.87	1.00	0.04	6.29	81.72	0.44	3.93	1.00	0.04
6.30	80.93	0.44	3.96	1.00	0.04	6.31	80.83	0.44	3.97	1.00	0.04
6.32	81.32	0.44	3.95	1.00	0.04	6.33	80.22	0.44	4.00	1.00	0.04
6.34	81.11	0.44	3.96	1.00	0.04	6.35	82.36	0.44	3.90	1.00	0.04
6.36	83.52	0.45	3.85	1.00	0.04	6.37	86.17	0.46	3.73	1.00	0.04
6.38	86.44	0.46	3.72	1.00	0.04	6.39	85.65	0.46	3.75	1.00	0.04
6.40	84.29	0.45	3.81	1.00	0.04	6.41	24.25	2.00	0.00	1.00	0.00
6.42	20.19	2.00	0.00	1.00	0.00	6.43	18.20	2.00	0.00	1.00	0.00
6.44	16.47	2.00	0.00	1.00	0.00	6.45	15.13	2.00	0.00	1.00	0.00
6.46	14.05	2.00	0.00	1.00	0.00	6.47	13.11	2.00	0.00	1.00	0.00
6.48	13.76	2.00	0.00	1.00	0.00	6.49	14.29	2.00	0.00	1.00	0.00
6.50	14.82	2.00	0.00	1.00	0.00	6.51	14.81	2.00	0.00	1.00	0.00
6.52	17.04	2.00	0.00	1.00	0.00	6.53	18.48	2.00	0.00	1.00	0.00
6.54	20.30	2.00	0.00	1.00	0.00	6.55	22.63	2.00	0.00	1.00	0.00
6.56	81.37	0.44	3.94	1.00	0.04	6.57	82.71	0.44	3.88	1.00	0.04
6.58	82.04	0.44	3.91	1.00	0.04	6.59	81.29	0.44	3.95	1.00	0.04
6.60	81.01	0.44	3.96	1.00	0.04	6.61	79.26	0.43	4.05	1.00	0.04
6.62	21.49	2.00	0.00	1.00	0.00	6.63	21.08	2.00	0.00	1.00	0.00
6.64	20.41	2.00	0.00	1.00	0.00	6.65	20.01	2.00	0.00	1.00	0.00
6.66	18.31	2.00	0.00	1.00	0.00	6.67	16.86	2.00	0.00	1.00	0.00
6.68	15.02	2.00	0.00	1.00	0.00	6.69	13.17	2.00	0.00	1.00	0.00
6.70	11.45	2.00	0.00	1.00	0.00	6.71	9.73	2.00	0.00	1.00	0.00
6.72	7.20	2.00	0.00	1.00	0.00	6.73	6.79	2.00	0.00	1.00	0.00
6.74	7.05	2.00	0.00	1.00	0.00	6.75	8.78	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	11.95	2.00	0.00	1.00	0.00	6.77	20.77	2.00	0.00	1.00	0.00
6.78	81.08	0.44	3.96	1.00	0.04	6.79	83.68	0.45	3.84	1.00	0.04
6.80	84.98	0.45	3.78	1.00	0.04	6.81	85.41	0.46	3.76	1.00	0.04
6.82	86.71	0.46	3.71	1.00	0.04	6.83	86.49	0.46	3.72	1.00	0.04
6.84	86.12	0.46	3.73	1.00	0.04	6.85	84.64	0.45	3.80	1.00	0.04
6.86	83.37	0.45	3.85	1.00	0.04	6.87	81.77	0.44	3.93	1.00	0.04
6.88	81.50	0.44	3.94	1.00	0.04	6.89	81.55	0.44	3.94	1.00	0.04
6.90	82.55	0.44	3.89	1.00	0.04	6.91	82.50	0.44	3.89	1.00	0.04
6.92	84.80	0.45	3.79	1.00	0.04	6.93	86.91	0.46	3.70	1.00	0.04
6.94	89.28	0.47	3.60	1.00	0.04	6.95	90.57	0.48	3.55	1.00	0.04
6.96	91.58	0.49	3.51	1.00	0.04	6.97	91.94	0.49	3.50	1.00	0.03
6.98	91.95	0.49	3.50	1.00	0.03	6.99	91.12	0.48	3.53	1.00	0.04
7.00	90.45	0.48	3.56	1.00	0.04	7.01	89.33	0.47	3.60	1.00	0.04
7.02	87.86	0.47	3.66	1.00	0.04	7.03	86.15	0.46	3.73	1.00	0.04
7.04	84.42	0.45	3.81	1.00	0.04	7.05	82.76	0.44	3.88	1.00	0.04
7.06	82.58	0.44	3.89	1.00	0.04	7.07	80.14	0.43	4.00	1.00	0.04
7.08	79.91	0.43	4.01	1.00	0.04	7.09	80.88	0.43	3.97	1.00	0.04
7.10	82.36	0.44	3.90	1.00	0.04	7.11	84.22	0.45	3.81	1.00	0.04
7.12	84.97	0.45	3.78	1.00	0.04	7.13	86.89	0.46	3.70	1.00	0.04
7.14	85.96	0.46	3.74	1.00	0.04	7.15	84.46	0.45	3.80	1.00	0.04
7.16	83.09	0.44	3.86	1.00	0.04	7.17	82.20	0.44	3.91	1.00	0.04
7.18	78.71	0.43	4.07	1.00	0.04	7.19	78.19	0.42	4.10	1.00	0.04
7.20	78.20	0.42	4.10	1.00	0.04	7.21	20.70	2.00	0.00	1.00	0.00
7.22	19.05	2.00	0.00	1.00	0.00	7.23	18.28	2.00	0.00	1.00	0.00
7.24	18.90	2.00	0.00	1.00	0.00	7.25	20.89	2.00	0.00	1.00	0.00
7.26	23.12	2.00	0.00	1.00	0.00	7.27	83.10	0.44	3.86	1.00	0.04
7.28	89.67	0.48	3.59	1.00	0.04	7.29	91.86	0.49	3.50	1.00	0.04
7.30	93.72	0.50	3.43	1.00	0.03	7.31	97.13	0.52	3.31	1.00	0.03
7.32	96.94	0.52	3.32	1.00	0.03	7.33	96.73	0.51	3.32	1.00	0.03
7.34	96.06	0.51	3.35	1.00	0.03	7.35	95.52	0.51	3.37	1.00	0.03
7.36	90.12	0.48	3.57	1.00	0.04	7.37	88.46	0.47	3.63	1.00	0.04
7.38	86.54	0.46	3.71	1.00	0.04	7.39	85.26	0.45	3.77	1.00	0.04
7.40	85.40	0.45	3.76	1.00	0.04	7.41	85.66	0.46	3.75	1.00	0.04
7.42	88.84	0.47	3.62	1.00	0.04	7.43	88.89	0.47	3.62	1.00	0.04
7.44	92.08	0.49	3.49	1.00	0.03	7.45	97.46	0.52	3.30	1.00	0.03
7.46	99.45	0.53	3.23	1.00	0.03	7.47	101.61	0.55	3.16	1.00	0.03
7.48	103.18	0.56	3.11	1.00	0.03	7.49	104.11	0.56	3.08	1.00	0.03
7.50	103.57	0.56	3.10	1.00	0.03	7.51	102.08	0.55	3.15	1.00	0.03
7.52	100.94	0.54	3.18	1.00	0.03	7.53	100.10	0.54	3.21	1.00	0.03
7.54	98.90	0.53	3.25	1.00	0.03	7.55	96.55	0.51	3.33	1.00	0.03
7.56	94.54	0.50	3.40	1.00	0.03	7.57	92.18	0.49	3.49	1.00	0.03
7.58	90.57	0.48	3.55	1.00	0.04	7.59	87.84	0.47	3.66	1.00	0.04
7.60	87.82	0.47	3.66	1.00	0.04	7.61	88.13	0.47	3.65	1.00	0.04
7.62	88.22	0.47	3.64	1.00	0.04	7.63	88.24	0.47	3.64	1.00	0.04
7.64	88.25	0.47	3.64	1.00	0.04	7.65	88.34	0.47	3.64	1.00	0.04
7.66	88.46	0.47	3.63	1.00	0.04	7.67	89.07	0.47	3.61	1.00	0.04
7.68	89.14	0.47	3.61	1.00	0.04	7.69	88.81	0.47	3.62	1.00	0.04
7.70	88.56	0.47	3.63	1.00	0.04	7.71	88.19	0.47	3.65	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	88.03	0.47	3.65	1.00	0.04	7.73	87.68	0.46	3.67	1.00	0.04
7.74	86.98	0.46	3.70	1.00	0.04	7.75	86.45	0.46	3.72	1.00	0.04
7.76	85.43	0.45	3.76	1.00	0.04	7.77	84.90	0.45	3.78	1.00	0.04
7.78	83.68	0.45	3.84	1.00	0.04	7.79	82.55	0.44	3.89	1.00	0.04
7.80	80.57	0.43	3.98	1.00	0.04	7.81	79.56	0.43	4.03	1.00	0.04
7.82	77.38	0.42	4.14	1.00	0.04	7.83	76.73	0.42	4.17	1.00	0.04
7.84	76.18	0.41	4.20	1.00	0.04	7.85	75.22	0.41	4.25	1.00	0.04
7.86	75.00	0.41	4.26	1.00	0.04	7.87	73.12	0.40	4.37	1.00	0.04
7.88	72.68	0.40	4.39	1.00	0.04	7.89	71.85	0.40	4.44	1.00	0.04
7.90	65.98	0.38	4.80	1.00	0.05	7.91	63.21	0.37	5.00	1.00	0.05
7.92	62.06	0.36	5.08	1.00	0.05	7.93	63.27	0.37	4.99	1.00	0.05
7.94	63.81	0.37	4.95	1.00	0.05	7.95	65.04	0.37	4.87	1.00	0.05
7.96	66.47	0.38	4.77	1.00	0.05	7.97	69.45	0.39	4.58	1.00	0.05
7.98	73.16	0.40	4.36	1.00	0.04	7.99	76.22	0.41	4.20	1.00	0.04
8.00	78.80	0.42	4.07	1.00	0.04	8.01	80.71	0.43	3.98	1.00	0.04
8.02	83.04	0.44	3.87	1.00	0.04	8.03	83.86	0.45	3.83	1.00	0.04
8.04	84.56	0.45	3.80	1.00	0.04	8.05	85.25	0.45	3.77	1.00	0.04
8.06	86.56	0.46	3.71	1.00	0.04	8.07	86.85	0.46	3.70	1.00	0.04
8.08	87.63	0.46	3.67	1.00	0.04	8.09	87.05	0.46	3.69	1.00	0.04
8.10	86.78	0.46	3.70	1.00	0.04	8.11	85.32	0.45	3.77	1.00	0.04
8.12	83.82	0.45	3.83	1.00	0.04	8.13	82.59	0.44	3.89	1.00	0.04
8.14	82.77	0.44	3.88	1.00	0.04	8.15	82.35	0.44	3.90	1.00	0.04
8.16	82.21	0.44	3.90	1.00	0.04	8.17	82.23	0.44	3.90	1.00	0.04
8.18	81.99	0.44	3.91	1.00	0.04	8.19	81.85	0.44	3.92	1.00	0.04
8.20	81.99	0.44	3.91	1.00	0.04	8.21	82.16	0.44	3.91	1.00	0.04
8.22	83.72	0.45	3.84	1.00	0.04	8.23	84.00	0.45	3.82	1.00	0.04
8.24	83.99	0.45	3.82	1.00	0.04	8.25	85.05	0.45	3.78	1.00	0.04
8.26	85.69	0.46	3.75	1.00	0.04	8.27	87.57	0.46	3.67	1.00	0.04
8.28	90.39	0.48	3.56	1.00	0.04	8.29	92.67	0.49	3.47	1.00	0.03
8.30	95.84	0.51	3.35	1.00	0.03	8.31	98.05	0.52	3.28	1.00	0.03
8.32	99.95	0.53	3.21	1.00	0.03	8.33	102.41	0.55	3.14	1.00	0.03
8.34	103.33	0.56	3.11	1.00	0.03	8.35	105.04	0.57	3.05	1.00	0.03
8.36	105.58	0.57	3.04	1.00	0.03	8.37	106.24	0.58	3.02	1.00	0.03
8.38	105.13	0.57	3.05	1.00	0.03	8.39	105.56	0.57	3.04	1.00	0.03
8.40	105.19	0.57	3.05	1.00	0.03	8.41	105.12	0.57	3.05	1.00	0.03
8.42	104.69	0.57	3.07	1.00	0.03	8.43	104.75	0.57	3.06	1.00	0.03
8.44	104.60	0.57	3.07	1.00	0.03	8.45	103.93	0.56	3.09	1.00	0.03
8.46	104.39	0.56	3.07	1.00	0.03	8.47	102.89	0.55	3.12	1.00	0.03
8.48	102.04	0.55	3.15	1.00	0.03	8.49	98.66	0.53	3.26	1.00	0.03
8.50	97.15	0.52	3.31	1.00	0.03	8.51	92.52	0.49	3.48	1.00	0.03
8.52	89.66	0.48	3.59	1.00	0.04	8.53	85.47	0.45	3.76	1.00	0.04
8.54	85.62	0.46	3.75	1.00	0.04	8.55	86.78	0.46	3.70	1.00	0.04
8.56	89.80	0.48	3.58	1.00	0.04	8.57	95.45	0.51	3.37	1.00	0.03
8.58	98.10	0.52	3.28	1.00	0.03	8.59	100.42	0.54	3.20	1.00	0.03
8.60	102.09	0.55	3.15	1.00	0.03	8.61	102.90	0.55	3.12	1.00	0.03
8.62	103.51	0.56	3.10	1.00	0.03	8.63	103.46	0.56	3.10	1.00	0.03
8.64	102.21	0.55	3.14	1.00	0.03	8.65	102.37	0.55	3.14	1.00	0.03
8.66	101.36	0.54	3.17	1.00	0.03	8.67	101.09	0.54	3.18	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	99.00	0.53	3.25	1.00	0.03	8.69	97.23	0.52	3.31	1.00	0.03
8.70	95.67	0.51	3.36	1.00	0.03	8.71	91.81	0.49	3.50	1.00	0.04
8.72	90.16	0.48	3.57	1.00	0.04	8.73	90.45	0.48	3.56	1.00	0.04
8.74	92.46	0.49	3.48	1.00	0.03	8.75	97.35	0.52	3.30	1.00	0.03
8.76	100.38	0.54	3.20	1.00	0.03	8.77	104.27	0.56	3.08	1.00	0.03
8.78	106.85	0.58	3.00	1.00	0.03	8.79	109.44	0.61	2.93	1.00	0.03
8.80	110.69	0.62	2.89	1.00	0.03	8.81	111.73	0.63	2.86	1.00	0.03
8.82	112.39	0.63	2.85	1.00	0.03	8.83	112.23	0.63	2.85	1.00	0.03
8.84	112.03	0.63	2.86	1.00	0.03	8.85	111.93	0.63	2.86	1.00	0.03
8.86	111.14	0.62	2.88	1.00	0.03	8.87	110.21	0.61	2.91	1.00	0.03
8.88	110.03	0.61	2.91	1.00	0.03	8.89	109.05	0.60	2.94	1.00	0.03
8.90	102.66	0.55	3.13	1.00	0.03	8.91	87.37	0.47	3.68	1.00	0.04
8.92	88.72	0.47	3.62	1.00	0.04	8.93	89.33	0.48	3.60	1.00	0.04
8.94	90.01	0.48	3.57	1.00	0.04	8.95	94.38	0.50	3.41	1.00	0.03
8.96	95.85	0.51	3.35	1.00	0.03	8.97	96.65	0.52	3.33	1.00	0.03
8.98	97.14	0.52	3.31	1.00	0.03	8.99	96.66	0.52	3.33	1.00	0.03
9.00	95.76	0.51	3.36	1.00	0.03	9.01	91.83	0.49	3.50	1.00	0.04
9.02	84.06	0.45	3.82	1.00	0.04	9.03	80.99	0.44	3.96	1.00	0.04
9.04	78.71	0.43	4.07	1.00	0.04	9.05	79.43	0.43	4.04	1.00	0.04
9.06	82.80	0.44	3.88	1.00	0.04	9.07	82.27	0.44	3.90	1.00	0.04
9.08	84.71	0.45	3.79	1.00	0.04	9.09	84.27	0.45	3.81	1.00	0.04
9.10	85.03	0.46	3.78	1.00	0.04	9.11	80.04	0.43	4.01	1.00	0.04
9.12	79.80	0.43	4.02	1.00	0.04	9.13	20.81	2.00	0.00	1.00	0.00
9.14	18.31	2.00	0.00	1.00	0.00	9.15	17.16	2.00	0.00	1.00	0.00
9.16	16.02	2.00	0.00	1.00	0.00	9.17	15.11	2.00	0.00	1.00	0.00
9.18	14.19	2.00	0.00	1.00	0.00	9.19	13.39	2.00	0.00	1.00	0.00
9.20	12.37	2.00	0.00	1.00	0.00	9.21	12.14	2.00	0.00	1.00	0.00
9.22	12.02	2.00	0.00	1.00	0.00	9.23	12.01	2.00	0.00	1.00	0.00
9.24	12.00	2.00	0.00	1.00	0.00	9.25	12.11	2.00	0.00	1.00	0.00
9.26	12.10	2.00	0.00	1.00	0.00	9.27	11.76	2.00	0.00	1.00	0.00
9.28	11.41	2.00	0.00	1.00	0.00	9.29	10.96	2.00	0.00	1.00	0.00
9.30	10.73	2.00	0.00	1.00	0.00	9.31	10.72	2.00	0.00	1.00	0.00
9.32	10.72	2.00	0.00	1.00	0.00	9.33	10.72	2.00	0.00	1.00	0.00
9.34	10.71	2.00	0.00	1.00	0.00	9.35	10.83	2.00	0.00	1.00	0.00
9.36	10.93	2.00	0.00	1.00	0.00	9.37	10.93	2.00	0.00	1.00	0.00
9.38	10.92	2.00	0.00	1.00	0.00	9.39	11.14	2.00	0.00	1.00	0.00
9.40	11.36	2.00	0.00	1.00	0.00	9.41	11.36	2.00	0.00	1.00	0.00
9.42	11.47	2.00	0.00	1.00	0.00	9.43	11.57	2.00	0.00	1.00	0.00
9.44	11.11	2.00	0.00	1.00	0.00	9.45	10.66	2.00	0.00	1.00	0.00
9.46	10.31	2.00	0.00	1.00	0.00	9.47	9.97	2.00	0.00	1.00	0.00
9.48	9.74	2.00	0.00	1.00	0.00	9.49	9.85	2.00	0.00	1.00	0.00
9.50	9.85	2.00	0.00	1.00	0.00	9.51	9.84	2.00	0.00	1.00	0.00
9.52	9.72	2.00	0.00	1.00	0.00	9.53	9.38	2.00	0.00	1.00	0.00
9.54	9.15	2.00	0.00	1.00	0.00	9.55	9.37	2.00	0.00	1.00	0.00
9.56	9.48	2.00	0.00	1.00	0.00	9.57	9.48	2.00	0.00	1.00	0.00
9.58	9.47	2.00	0.00	1.00	0.00	9.59	9.58	2.00	0.00	1.00	0.00
9.60	9.69	2.00	0.00	1.00	0.00	9.61	9.69	2.00	0.00	1.00	0.00
9.62	9.91	2.00	0.00	1.00	0.00	9.63	10.13	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	10.12	2.00	0.00	1.00	0.00	9.65	10.34	2.00	0.00	1.00	0.00
9.66	10.67	2.00	0.00	1.00	0.00	9.67	11.11	2.00	0.00	1.00	0.00
9.68	11.55	2.00	0.00	1.00	0.00	9.69	11.77	2.00	0.00	1.00	0.00
9.70	11.88	2.00	0.00	1.00	0.00	9.71	12.09	2.00	0.00	1.00	0.00
9.72	11.98	2.00	0.00	1.00	0.00	9.73	12.08	2.00	0.00	1.00	0.00
9.74	11.96	2.00	0.00	1.00	0.00	9.75	11.84	2.00	0.00	1.00	0.00
9.76	11.72	2.00	0.00	1.00	0.00	9.77	11.49	2.00	0.00	1.00	0.00
9.78	11.27	2.00	0.00	1.00	0.00	9.79	11.37	2.00	0.00	1.00	0.00
9.80	11.70	2.00	0.00	1.00	0.00	9.81	12.13	2.00	0.00	1.00	0.00
9.82	12.35	2.00	0.00	1.00	0.00	9.83	12.56	2.00	0.00	1.00	0.00
9.84	13.33	2.00	0.00	1.00	0.00	9.85	13.76	2.00	0.00	1.00	0.00
9.86	13.98	2.00	0.00	1.00	0.00	9.87	14.08	2.00	0.00	1.00	0.00
9.88	14.18	2.00	0.00	1.00	0.00	9.89	14.17	2.00	0.00	1.00	0.00
9.90	14.17	2.00	0.00	1.00	0.00	9.91	14.16	2.00	0.00	1.00	0.00
9.92	14.37	2.00	0.00	1.00	0.00	9.93	14.26	2.00	0.00	1.00	0.00
9.94	14.36	2.00	0.00	1.00	0.00	9.95	14.35	2.00	0.00	1.00	0.00
9.96	14.12	2.00	0.00	1.00	0.00	9.97	13.46	2.00	0.00	1.00	0.00
9.98	13.23	2.00	0.00	1.00	0.00	9.99	13.11	2.00	0.00	1.00	0.00
10.00	12.89	2.00	0.00	1.00	0.00	10.01	13.10	2.00	0.00	1.00	0.00
10.02	12.87	2.00	0.00	1.00	0.00	10.03	12.54	2.00	0.00	1.00	0.00
10.04	12.32	2.00	0.00	1.00	0.00	10.05	12.31	2.00	0.00	1.00	0.00
10.06	12.41	2.00	0.00	1.00	0.00	10.07	12.41	2.00	0.00	1.00	0.00
10.08	12.40	2.00	0.00	1.00	0.00	10.09	12.39	2.00	0.00	1.00	0.00
10.10	12.60	2.00	0.00	1.00	0.00	10.11	12.71	2.00	0.00	1.00	0.00
10.12	12.70	2.00	0.00	1.00	0.00	10.13	12.69	2.00	0.00	1.00	0.00
10.14	12.58	2.00	0.00	1.00	0.00	10.15	12.57	2.00	0.00	1.00	0.00
10.16	12.56	2.00	0.00	1.00	0.00	10.17	12.45	2.00	0.00	1.00	0.00
10.18	12.23	2.00	0.00	1.00	0.00	10.19	12.11	2.00	0.00	1.00	0.00
10.20	11.89	2.00	0.00	1.00	0.00	10.21	11.88	2.00	0.00	1.00	0.00
10.22	11.88	2.00	0.00	1.00	0.00	10.23	11.87	2.00	0.00	1.00	0.00
10.24	11.86	2.00	0.00	1.00	0.00	10.25	11.86	2.00	0.00	1.00	0.00
10.26	11.85	2.00	0.00	1.00	0.00	10.27	11.85	2.00	0.00	1.00	0.00
10.28	11.95	2.00	0.00	1.00	0.00	10.29	12.16	2.00	0.00	1.00	0.00
10.30	12.37	2.00	0.00	1.00	0.00	10.31	12.47	2.00	0.00	1.00	0.00
10.32	12.46	2.00	0.00	1.00	0.00	10.33	12.46	2.00	0.00	1.00	0.00
10.34	12.77	2.00	0.00	1.00	0.00	10.35	12.87	2.00	0.00	1.00	0.00
10.36	12.87	2.00	0.00	1.00	0.00	10.37	12.86	2.00	0.00	1.00	0.00
10.38	12.85	2.00	0.00	1.00	0.00	10.39	12.95	2.00	0.00	1.00	0.00
10.40	13.05	2.00	0.00	1.00	0.00	10.41	13.05	2.00	0.00	1.00	0.00
10.42	12.93	2.00	0.00	1.00	0.00	10.43	12.82	2.00	0.00	1.00	0.00
10.44	12.81	2.00	0.00	1.00	0.00	10.45	12.81	2.00	0.00	1.00	0.00
10.46	12.48	2.00	0.00	1.00	0.00	10.47	12.37	2.00	0.00	1.00	0.00
10.48	12.25	2.00	0.00	1.00	0.00	10.49	12.14	2.00	0.00	1.00	0.00
10.50	12.03	2.00	0.00	1.00	0.00	10.51	11.81	2.00	0.00	1.00	0.00
10.52	11.70	2.00	0.00	1.00	0.00	10.53	11.58	2.00	0.00	1.00	0.00
10.54	11.36	2.00	0.00	1.00	0.00	10.55	11.46	2.00	0.00	1.00	0.00
10.56	11.67	2.00	0.00	1.00	0.00	10.57	11.45	2.00	0.00	1.00	0.00
10.58	11.34	2.00	0.00	1.00	0.00	10.59	11.23	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	11.22	2.00	0.00	1.00	0.00	10.61	11.32	2.00	0.00	1.00	0.00
10.62	11.21	2.00	0.00	1.00	0.00	10.63	11.21	2.00	0.00	1.00	0.00
10.64	11.52	2.00	0.00	1.00	0.00	10.65	11.83	2.00	0.00	1.00	0.00
10.66	12.25	2.00	0.00	1.00	0.00	10.67	12.35	2.00	0.00	1.00	0.00
10.68	12.13	2.00	0.00	1.00	0.00	10.69	12.02	2.00	0.00	1.00	0.00
10.70	12.01	2.00	0.00	1.00	0.00	10.71	12.11	2.00	0.00	1.00	0.00
10.72	12.21	2.00	0.00	1.00	0.00	10.73	12.20	2.00	0.00	1.00	0.00
10.74	12.09	2.00	0.00	1.00	0.00	10.75	11.98	2.00	0.00	1.00	0.00
10.76	11.87	2.00	0.00	1.00	0.00	10.77	11.65	2.00	0.00	1.00	0.00
10.78	11.65	2.00	0.00	1.00	0.00	10.79	11.64	2.00	0.00	1.00	0.00
10.80	11.63	2.00	0.00	1.00	0.00	10.81	11.73	2.00	0.00	1.00	0.00
10.82	11.83	2.00	0.00	1.00	0.00	10.83	11.93	2.00	0.00	1.00	0.00
10.84	11.72	2.00	0.00	1.00	0.00	10.85	11.92	2.00	0.00	1.00	0.00
10.86	12.23	2.00	0.00	1.00	0.00	10.87	12.33	2.00	0.00	1.00	0.00
10.88	12.53	2.00	0.00	1.00	0.00	10.89	12.52	2.00	0.00	1.00	0.00
10.90	12.52	2.00	0.00	1.00	0.00	10.91	12.20	2.00	0.00	1.00	0.00
10.92	12.92	2.00	0.00	1.00	0.00	10.93	12.92	2.00	0.00	1.00	0.00
10.94	13.12	2.00	0.00	1.00	0.00	10.95	13.22	2.00	0.00	1.00	0.00
10.96	13.21	2.00	0.00	1.00	0.00	10.97	13.21	2.00	0.00	1.00	0.00
10.98	13.41	2.00	0.00	1.00	0.00	10.99	13.40	2.00	0.00	1.00	0.00
11.00	13.39	2.00	0.00	1.00	0.00	11.01	13.80	2.00	0.00	1.00	0.00
11.02	13.80	2.00	0.00	1.00	0.00	11.03	14.00	2.00	0.00	1.00	0.00
11.04	14.09	2.00	0.00	1.00	0.00	11.05	14.09	2.00	0.00	1.00	0.00
11.06	14.29	2.00	0.00	1.00	0.00	11.07	14.28	2.00	0.00	1.00	0.00
11.08	14.07	2.00	0.00	1.00	0.00	11.09	13.85	2.00	0.00	1.00	0.00
11.10	13.85	2.00	0.00	1.00	0.00	11.11	13.84	2.00	0.00	1.00	0.00
11.12	13.94	2.00	0.00	1.00	0.00	11.13	13.93	2.00	0.00	1.00	0.00
11.14	13.71	2.00	0.00	1.00	0.00	11.15	13.60	2.00	0.00	1.00	0.00
11.16	13.49	2.00	0.00	1.00	0.00	11.17	13.59	2.00	0.00	1.00	0.00
11.18	13.79	2.00	0.00	1.00	0.00	11.19	13.89	2.00	0.00	1.00	0.00
11.20	13.88	2.00	0.00	1.00	0.00	11.21	13.77	2.00	0.00	1.00	0.00
11.22	13.56	2.00	0.00	1.00	0.00	11.23	13.34	2.00	0.00	1.00	0.00
11.24	13.24	2.00	0.00	1.00	0.00	11.25	13.23	2.00	0.00	1.00	0.00
11.26	12.91	2.00	0.00	1.00	0.00	11.27	12.91	2.00	0.00	1.00	0.00
11.28	13.00	2.00	0.00	1.00	0.00	11.29	13.10	2.00	0.00	1.00	0.00
11.30	13.50	2.00	0.00	1.00	0.00	11.31	13.60	2.00	0.00	1.00	0.00
11.32	13.49	2.00	0.00	1.00	0.00	11.33	13.59	2.00	0.00	1.00	0.00
11.34	13.68	2.00	0.00	1.00	0.00	11.35	13.68	2.00	0.00	1.00	0.00
11.36	13.98	2.00	0.00	1.00	0.00	11.37	14.07	2.00	0.00	1.00	0.00
11.38	14.06	2.00	0.00	1.00	0.00	11.39	14.06	2.00	0.00	1.00	0.00
11.40	13.95	2.00	0.00	1.00	0.00	11.41	13.64	2.00	0.00	1.00	0.00
11.42	12.61	2.00	0.00	1.00	0.00	11.43	12.19	2.00	0.00	1.00	0.00
11.44	11.98	2.00	0.00	1.00	0.00	11.45	12.08	2.00	0.00	1.00	0.00
11.46	11.77	2.00	0.00	1.00	0.00	11.47	11.35	2.00	0.00	1.00	0.00
11.48	11.04	2.00	0.00	1.00	0.00	11.49	10.53	2.00	0.00	1.00	0.00
11.50	10.73	2.00	0.00	1.00	0.00	11.51	10.82	2.00	0.00	1.00	0.00
11.52	10.82	2.00	0.00	1.00	0.00	11.53	10.20	2.00	0.00	1.00	0.00
11.54	9.79	2.00	0.00	1.00	0.00	11.55	9.78	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	9.78	2.00	0.00	1.00	0.00	11.57	9.88	2.00	0.00	1.00	0.00
11.58	10.18	2.00	0.00	1.00	0.00	11.59	10.38	2.00	0.00	1.00	0.00
11.60	10.47	2.00	0.00	1.00	0.00	11.61	10.77	2.00	0.00	1.00	0.00
11.62	11.07	2.00	0.00	1.00	0.00	11.63	11.47	2.00	0.00	1.00	0.00
11.64	11.77	2.00	0.00	1.00	0.00	11.65	11.97	2.00	0.00	1.00	0.00
11.66	12.16	2.00	0.00	1.00	0.00	11.67	12.46	2.00	0.00	1.00	0.00
11.68	12.25	2.00	0.00	1.00	0.00	11.69	12.15	2.00	0.00	1.00	0.00
11.70	12.65	2.00	0.00	1.00	0.00	11.71	12.74	2.00	0.00	1.00	0.00
11.72	12.74	2.00	0.00	1.00	0.00	11.73	12.83	2.00	0.00	1.00	0.00
11.74	12.83	2.00	0.00	1.00	0.00	11.75	13.02	2.00	0.00	1.00	0.00
11.76	13.42	2.00	0.00	1.00	0.00	11.77	14.22	2.00	0.00	1.00	0.00
11.78	14.31	2.00	0.00	1.00	0.00	11.79	14.10	2.00	0.00	1.00	0.00
11.80	13.90	2.00	0.00	1.00	0.00	11.81	13.69	2.00	0.00	1.00	0.00
11.82	13.38	2.00	0.00	1.00	0.00	11.83	13.17	2.00	0.00	1.00	0.00
11.84	12.67	2.00	0.00	1.00	0.00	11.85	12.46	2.00	0.00	1.00	0.00
11.86	12.35	2.00	0.00	1.00	0.00	11.87	12.05	2.00	0.00	1.00	0.00
11.88	11.34	2.00	0.00	1.00	0.00	11.89	11.34	2.00	0.00	1.00	0.00
11.90	11.33	2.00	0.00	1.00	0.00	11.91	10.12	2.00	0.00	1.00	0.00
11.92	10.62	2.00	0.00	1.00	0.00	11.93	10.41	2.00	0.00	1.00	0.00
11.94	10.31	2.00	0.00	1.00	0.00	11.95	10.10	2.00	0.00	1.00	0.00
11.96	10.00	2.00	0.00	1.00	0.00	11.97	9.60	2.00	0.00	1.00	0.00
11.98	9.49	2.00	0.00	1.00	0.00	11.99	9.49	2.00	0.00	1.00	0.00
12.00	9.48	2.00	0.00	1.00	0.00	12.01	9.38	2.00	0.00	1.00	0.00
12.02	9.38	2.00	0.00	1.00	0.00	12.03	9.37	2.00	0.00	1.00	0.00
12.04	9.47	2.00	0.00	1.00	0.00	12.05	9.56	2.00	0.00	1.00	0.00
12.06	9.76	2.00	0.00	1.00	0.00	12.07	10.25	2.00	0.00	1.00	0.00
12.08	10.44	2.00	0.00	1.00	0.00	12.09	10.34	2.00	0.00	1.00	0.00
12.10	10.24	2.00	0.00	1.00	0.00	12.11	10.03	2.00	0.00	1.00	0.00
12.12	9.83	2.00	0.00	1.00	0.00	12.13	9.73	2.00	0.00	1.00	0.00
12.14	9.53	2.00	0.00	1.00	0.00	12.15	9.52	2.00	0.00	1.00	0.00
12.16	9.42	2.00	0.00	1.00	0.00	12.17	9.22	2.00	0.00	1.00	0.00
12.18	9.11	2.00	0.00	1.00	0.00	12.19	9.01	2.00	0.00	1.00	0.00
12.20	9.01	2.00	0.00	1.00	0.00	12.21	9.10	2.00	0.00	1.00	0.00
12.22	9.20	2.00	0.00	1.00	0.00	12.23	9.29	2.00	0.00	1.00	0.00
12.24	9.29	2.00	0.00	1.00	0.00	12.25	9.18	2.00	0.00	1.00	0.00
12.26	9.18	2.00	0.00	1.00	0.00	12.27	9.18	2.00	0.00	1.00	0.00
12.28	9.17	2.00	0.00	1.00	0.00	12.29	9.07	2.00	0.00	1.00	0.00
12.30	8.97	2.00	0.00	1.00	0.00	12.31	8.86	2.00	0.00	1.00	0.00
12.32	8.86	2.00	0.00	1.00	0.00	12.33	8.76	2.00	0.00	1.00	0.00
12.34	8.66	2.00	0.00	1.00	0.00	12.35	8.65	2.00	0.00	1.00	0.00
12.36	8.75	2.00	0.00	1.00	0.00	12.37	8.84	2.00	0.00	1.00	0.00
12.38	8.84	2.00	0.00	1.00	0.00	12.39	8.83	2.00	0.00	1.00	0.00
12.40	8.93	2.00	0.00	1.00	0.00	12.41	9.12	2.00	0.00	1.00	0.00
12.42	9.21	2.00	0.00	1.00	0.00	12.43	9.21	2.00	0.00	1.00	0.00
12.44	9.30	2.00	0.00	1.00	0.00	12.45	9.40	2.00	0.00	1.00	0.00
12.46	9.39	2.00	0.00	1.00	0.00	12.47	9.39	2.00	0.00	1.00	0.00
12.48	9.58	2.00	0.00	1.00	0.00	12.49	9.58	2.00	0.00	1.00	0.00
12.50	9.57	2.00	0.00	1.00	0.00	12.51	9.57	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	9.66	2.00	0.00	1.00	0.00	12.53	9.66	2.00	0.00	1.00	0.00
12.54	9.75	2.00	0.00	1.00	0.00	12.55	9.75	2.00	0.00	1.00	0.00
12.56	9.94	2.00	0.00	1.00	0.00	12.57	9.94	2.00	0.00	1.00	0.00
12.58	10.03	2.00	0.00	1.00	0.00	12.59	9.93	2.00	0.00	1.00	0.00
12.60	10.02	2.00	0.00	1.00	0.00	12.61	10.21	2.00	0.00	1.00	0.00
12.62	10.40	2.00	0.00	1.00	0.00	12.63	10.59	2.00	0.00	1.00	0.00
12.64	10.68	2.00	0.00	1.00	0.00	12.65	10.87	2.00	0.00	1.00	0.00
12.66	10.87	2.00	0.00	1.00	0.00	12.67	11.16	2.00	0.00	1.00	0.00
12.68	11.25	2.00	0.00	1.00	0.00	12.69	11.44	2.00	0.00	1.00	0.00
12.70	11.53	2.00	0.00	1.00	0.00	12.71	12.11	2.00	0.00	1.00	0.00
12.72	12.10	2.00	0.00	1.00	0.00	12.73	12.10	2.00	0.00	1.00	0.00
12.74	12.57	2.00	0.00	1.00	0.00	12.75	12.18	2.00	0.00	1.00	0.00
12.76	12.08	2.00	0.00	1.00	0.00	12.77	12.17	2.00	0.00	1.00	0.00
12.78	12.17	2.00	0.00	1.00	0.00	12.79	12.16	2.00	0.00	1.00	0.00
12.80	12.16	2.00	0.00	1.00	0.00	12.81	11.96	2.00	0.00	1.00	0.00
12.82	11.86	2.00	0.00	1.00	0.00	12.83	11.85	2.00	0.00	1.00	0.00
12.84	12.04	2.00	0.00	1.00	0.00	12.85	12.13	2.00	0.00	1.00	0.00
12.86	12.12	2.00	0.00	1.00	0.00	12.87	11.93	2.00	0.00	1.00	0.00
12.88	11.82	2.00	0.00	1.00	0.00	12.89	11.82	2.00	0.00	1.00	0.00
12.90	11.81	2.00	0.00	1.00	0.00	12.91	11.04	2.00	0.00	1.00	0.00
12.92	10.84	2.00	0.00	1.00	0.00	12.93	10.74	2.00	0.00	1.00	0.00
12.94	10.54	2.00	0.00	1.00	0.00	12.95	10.54	2.00	0.00	1.00	0.00
12.96	10.25	2.00	0.00	1.00	0.00	12.97	10.24	2.00	0.00	1.00	0.00
12.98	10.14	2.00	0.00	1.00	0.00	12.99	10.04	2.00	0.00	1.00	0.00
13.00	10.04	2.00	0.00	1.00	0.00	13.01	9.94	2.00	0.00	1.00	0.00
13.02	10.03	2.00	0.00	1.00	0.00	13.03	10.12	2.00	0.00	1.00	0.00
13.04	10.21	2.00	0.00	1.00	0.00	13.05	10.21	2.00	0.00	1.00	0.00
13.06	10.30	2.00	0.00	1.00	0.00	13.07	10.39	2.00	0.00	1.00	0.00
13.08	10.48	2.00	0.00	1.00	0.00	13.09	10.67	2.00	0.00	1.00	0.00
13.10	10.76	2.00	0.00	1.00	0.00	13.11	10.76	2.00	0.00	1.00	0.00
13.12	10.94	2.00	0.00	1.00	0.00	13.13	11.13	2.00	0.00	1.00	0.00
13.14	11.12	2.00	0.00	1.00	0.00	13.15	11.02	2.00	0.00	1.00	0.00
13.16	10.92	2.00	0.00	1.00	0.00	13.17	10.82	2.00	0.00	1.00	0.00
13.18	10.72	2.00	0.00	1.00	0.00	13.19	10.62	2.00	0.00	1.00	0.00
13.20	10.43	2.00	0.00	1.00	0.00	13.21	10.43	2.00	0.00	1.00	0.00
13.22	10.33	2.00	0.00	1.00	0.00	13.23	10.32	2.00	0.00	1.00	0.00
13.24	10.32	2.00	0.00	1.00	0.00	13.25	10.31	2.00	0.00	1.00	0.00
13.26	10.31	2.00	0.00	1.00	0.00	13.27	10.40	2.00	0.00	1.00	0.00
13.28	10.68	2.00	0.00	1.00	0.00	13.29	10.96	2.00	0.00	1.00	0.00
13.30	11.14	2.00	0.00	1.00	0.00	13.31	11.33	2.00	0.00	1.00	0.00
13.32	11.51	2.00	0.00	1.00	0.00	13.33	11.60	2.00	0.00	1.00	0.00
13.34	11.60	2.00	0.00	1.00	0.00	13.35	11.59	2.00	0.00	1.00	0.00
13.36	11.49	2.00	0.00	1.00	0.00	13.37	11.49	2.00	0.00	1.00	0.00
13.38	11.48	2.00	0.00	1.00	0.00	13.39	11.10	2.00	0.00	1.00	0.00
13.40	10.91	2.00	0.00	1.00	0.00	13.41	10.72	2.00	0.00	1.00	0.00
13.42	10.71	2.00	0.00	1.00	0.00	13.43	10.80	2.00	0.00	1.00	0.00
13.44	10.80	2.00	0.00	1.00	0.00	13.45	10.70	2.00	0.00	1.00	0.00
13.46	10.50	2.00	0.00	1.00	0.00	13.47	10.59	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	10.59	2.00	0.00	1.00	0.00	13.49	10.40	2.00	0.00	1.00	0.00
13.50	10.30	2.00	0.00	1.00	0.00	13.51	10.29	2.00	0.00	1.00	0.00
13.52	10.57	2.00	0.00	1.00	0.00	13.53	10.66	2.00	0.00	1.00	0.00
13.54	10.66	2.00	0.00	1.00	0.00	13.55	10.75	2.00	0.00	1.00	0.00
13.56	10.55	2.00	0.00	1.00	0.00	13.57	10.55	2.00	0.00	1.00	0.00
13.58	10.55	2.00	0.00	1.00	0.00	13.59	10.45	2.00	0.00	1.00	0.00
13.60	10.54	2.00	0.00	1.00	0.00	13.61	10.53	2.00	0.00	1.00	0.00
13.62	10.62	2.00	0.00	1.00	0.00	13.63	10.43	2.00	0.00	1.00	0.00
13.64	10.33	2.00	0.00	1.00	0.00	13.65	10.33	2.00	0.00	1.00	0.00
13.66	10.23	2.00	0.00	1.00	0.00	13.67	9.95	2.00	0.00	1.00	0.00
13.68	9.85	2.00	0.00	1.00	0.00	13.69	9.75	2.00	0.00	1.00	0.00
13.70	9.75	2.00	0.00	1.00	0.00	13.71	9.65	2.00	0.00	1.00	0.00
13.72	9.74	2.00	0.00	1.00	0.00	13.73	9.64	2.00	0.00	1.00	0.00
13.74	9.64	2.00	0.00	1.00	0.00	13.75	9.54	2.00	0.00	1.00	0.00
13.76	9.63	2.00	0.00	1.00	0.00	13.77	9.63	2.00	0.00	1.00	0.00
13.78	9.62	2.00	0.00	1.00	0.00	13.79	9.62	2.00	0.00	1.00	0.00
13.80	9.62	2.00	0.00	1.00	0.00	13.81	9.71	2.00	0.00	1.00	0.00
13.82	9.79	2.00	0.00	1.00	0.00	13.83	9.79	2.00	0.00	1.00	0.00
13.84	9.88	2.00	0.00	1.00	0.00	13.85	9.78	2.00	0.00	1.00	0.00
13.86	9.78	2.00	0.00	1.00	0.00	13.87	9.68	2.00	0.00	1.00	0.00
13.88	9.68	2.00	0.00	1.00	0.00	13.89	9.68	2.00	0.00	1.00	0.00
13.90	9.67	2.00	0.00	1.00	0.00	13.91	10.04	2.00	0.00	1.00	0.00
13.92	10.13	2.00	0.00	1.00	0.00	13.93	10.12	2.00	0.00	1.00	0.00
13.94	10.21	2.00	0.00	1.00	0.00	13.95	10.21	2.00	0.00	1.00	0.00
13.96	10.30	2.00	0.00	1.00	0.00	13.97	10.38	2.00	0.00	1.00	0.00
13.98	10.38	2.00	0.00	1.00	0.00	13.99	10.38	2.00	0.00	1.00	0.00
14.00	10.37	2.00	0.00	1.00	0.00	14.01	10.18	2.00	0.00	1.00	0.00
14.02	10.09	2.00	0.00	1.00	0.00	14.03	10.08	2.00	0.00	1.00	0.00
14.04	9.99	2.00	0.00	1.00	0.00	14.05	9.80	2.00	0.00	1.00	0.00
14.06	9.70	2.00	0.00	1.00	0.00	14.07	9.61	2.00	0.00	1.00	0.00
14.08	9.51	2.00	0.00	1.00	0.00	14.09	9.51	2.00	0.00	1.00	0.00
14.10	9.51	2.00	0.00	1.00	0.00	14.11	9.69	2.00	0.00	1.00	0.00
14.12	9.68	2.00	0.00	1.00	0.00	14.13	9.68	2.00	0.00	1.00	0.00
14.14	9.77	2.00	0.00	1.00	0.00	14.15	10.04	2.00	0.00	1.00	0.00
14.16	10.31	2.00	0.00	1.00	0.00	14.17	10.58	2.00	0.00	1.00	0.00
14.18	10.67	2.00	0.00	1.00	0.00	14.19	10.85	2.00	0.00	1.00	0.00
14.20	10.93	2.00	0.00	1.00	0.00	14.21	11.11	2.00	0.00	1.00	0.00
14.22	11.20	2.00	0.00	1.00	0.00	14.23	11.20	2.00	0.00	1.00	0.00
14.24	11.28	2.00	0.00	1.00	0.00	14.25	11.46	2.00	0.00	1.00	0.00
14.26	11.46	2.00	0.00	1.00	0.00	14.27	11.64	2.00	0.00	1.00	0.00
14.28	11.72	2.00	0.00	1.00	0.00	14.29	11.81	2.00	0.00	1.00	0.00
14.30	11.90	2.00	0.00	1.00	0.00	14.31	12.07	2.00	0.00	1.00	0.00
14.32	12.16	2.00	0.00	1.00	0.00	14.33	12.25	2.00	0.00	1.00	0.00
14.34	12.52	2.00	0.00	1.00	0.00	14.35	12.51	2.00	0.00	1.00	0.00
14.36	12.42	2.00	0.00	1.00	0.00	14.37	12.50	2.00	0.00	1.00	0.00
14.38	12.41	2.00	0.00	1.00	0.00	14.39	12.40	2.00	0.00	1.00	0.00
14.40	12.31	2.00	0.00	1.00	0.00	14.41	12.30	2.00	0.00	1.00	0.00
14.42	12.11	2.00	0.00	1.00	0.00	14.43	12.11	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	12.01	2.00	0.00	1.00	0.00	14.45	12.19	2.00	0.00	1.00	0.00
14.46	12.28	2.00	0.00	1.00	0.00	14.47	11.91	2.00	0.00	1.00	0.00
14.48	11.63	2.00	0.00	1.00	0.00	14.49	11.44	2.00	0.00	1.00	0.00
14.50	11.35	2.00	0.00	1.00	0.00	14.51	11.25	2.00	0.00	1.00	0.00
14.52	11.16	2.00	0.00	1.00	0.00	14.53	11.15	2.00	0.00	1.00	0.00
14.54	11.15	2.00	0.00	1.00	0.00	14.55	11.15	2.00	0.00	1.00	0.00
14.56	11.23	2.00	0.00	1.00	0.00	14.57	11.32	2.00	0.00	1.00	0.00
14.58	11.22	2.00	0.00	1.00	0.00	14.59	11.04	2.00	0.00	1.00	0.00
14.60	10.85	2.00	0.00	1.00	0.00	14.61	10.76	2.00	0.00	1.00	0.00
14.62	10.75	2.00	0.00	1.00	0.00	14.63	10.57	2.00	0.00	1.00	0.00
14.64	10.39	2.00	0.00	1.00	0.00	14.65	10.38	2.00	0.00	1.00	0.00
14.66	10.29	2.00	0.00	1.00	0.00	14.67	10.10	2.00	0.00	1.00	0.00
14.68	9.92	2.00	0.00	1.00	0.00	14.69	9.83	2.00	0.00	1.00	0.00
14.70	9.73	2.00	0.00	1.00	0.00	14.71	9.73	2.00	0.00	1.00	0.00
14.72	9.72	2.00	0.00	1.00	0.00	14.73	9.72	2.00	0.00	1.00	0.00
14.74	9.81	2.00	0.00	1.00	0.00	14.75	9.89	2.00	0.00	1.00	0.00
14.76	9.89	2.00	0.00	1.00	0.00	14.77	9.97	2.00	0.00	1.00	0.00
14.78	9.97	2.00	0.00	1.00	0.00	14.79	10.15	2.00	0.00	1.00	0.00
14.80	10.14	2.00	0.00	1.00	0.00	14.81	10.05	2.00	0.00	1.00	0.00
14.82	10.05	2.00	0.00	1.00	0.00	14.83	10.13	2.00	0.00	1.00	0.00
14.84	10.13	2.00	0.00	1.00	0.00	14.85	10.03	2.00	0.00	1.00	0.00
14.86	9.76	2.00	0.00	1.00	0.00	14.87	9.67	2.00	0.00	1.00	0.00
14.88	9.58	2.00	0.00	1.00	0.00	14.89	9.57	2.00	0.00	1.00	0.00
14.90	9.57	2.00	0.00	1.00	0.00	14.91	9.74	2.00	0.00	1.00	0.00
14.92	9.92	2.00	0.00	1.00	0.00	14.93	10.00	2.00	0.00	1.00	0.00
14.94	10.27	2.00	0.00	1.00	0.00	14.95	10.35	2.00	0.00	1.00	0.00
14.96	10.26	2.00	0.00	1.00	0.00	14.97	10.26	2.00	0.00	1.00	0.00
14.98	10.08	2.00	0.00	1.00	0.00	14.99	10.07	2.00	0.00	1.00	0.00
15.00	9.98	2.00	0.00	1.00	0.00	15.01	9.62	2.00	0.00	1.00	0.00
15.02	9.62	2.00	0.00	1.00	0.00	15.03	9.52	2.00	0.00	1.00	0.00
15.04	9.43	2.00	0.00	1.00	0.00	15.05	9.43	2.00	0.00	1.00	0.00
15.06	9.34	2.00	0.00	1.00	0.00	15.07	9.42	2.00	0.00	1.00	0.00
15.08	9.42	2.00	0.00	1.00	0.00	15.09	9.42	2.00	0.00	1.00	0.00
15.10	9.41	2.00	0.00	1.00	0.00	15.11	9.50	2.00	0.00	1.00	0.00
15.12	9.58	2.00	0.00	1.00	0.00	15.13	9.67	2.00	0.00	1.00	0.00
15.14	9.75	2.00	0.00	1.00	0.00	15.15	9.84	2.00	0.00	1.00	0.00
15.16	9.92	2.00	0.00	1.00	0.00	15.17	10.01	2.00	0.00	1.00	0.00
15.18	10.09	2.00	0.00	1.00	0.00	15.19	10.18	2.00	0.00	1.00	0.00
15.20	10.44	2.00	0.00	1.00	0.00	15.21	10.52	2.00	0.00	1.00	0.00
15.22	10.52	2.00	0.00	1.00	0.00	15.23	10.52	2.00	0.00	1.00	0.00
15.24	10.69	2.00	0.00	1.00	0.00	15.25	10.68	2.00	0.00	1.00	0.00
15.26	10.59	2.00	0.00	1.00	0.00	15.27	10.59	2.00	0.00	1.00	0.00
15.28	10.67	2.00	0.00	1.00	0.00	15.29	10.76	2.00	0.00	1.00	0.00
15.30	10.58	2.00	0.00	1.00	0.00	15.31	10.57	2.00	0.00	1.00	0.00
15.32	10.48	2.00	0.00	1.00	0.00	15.33	10.39	2.00	0.00	1.00	0.00
15.34	10.38	2.00	0.00	1.00	0.00	15.35	10.38	2.00	0.00	1.00	0.00
15.36	10.55	2.00	0.00	1.00	0.00	15.37	10.55	2.00	0.00	1.00	0.00
15.38	10.46	2.00	0.00	1.00	0.00	15.39	10.37	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

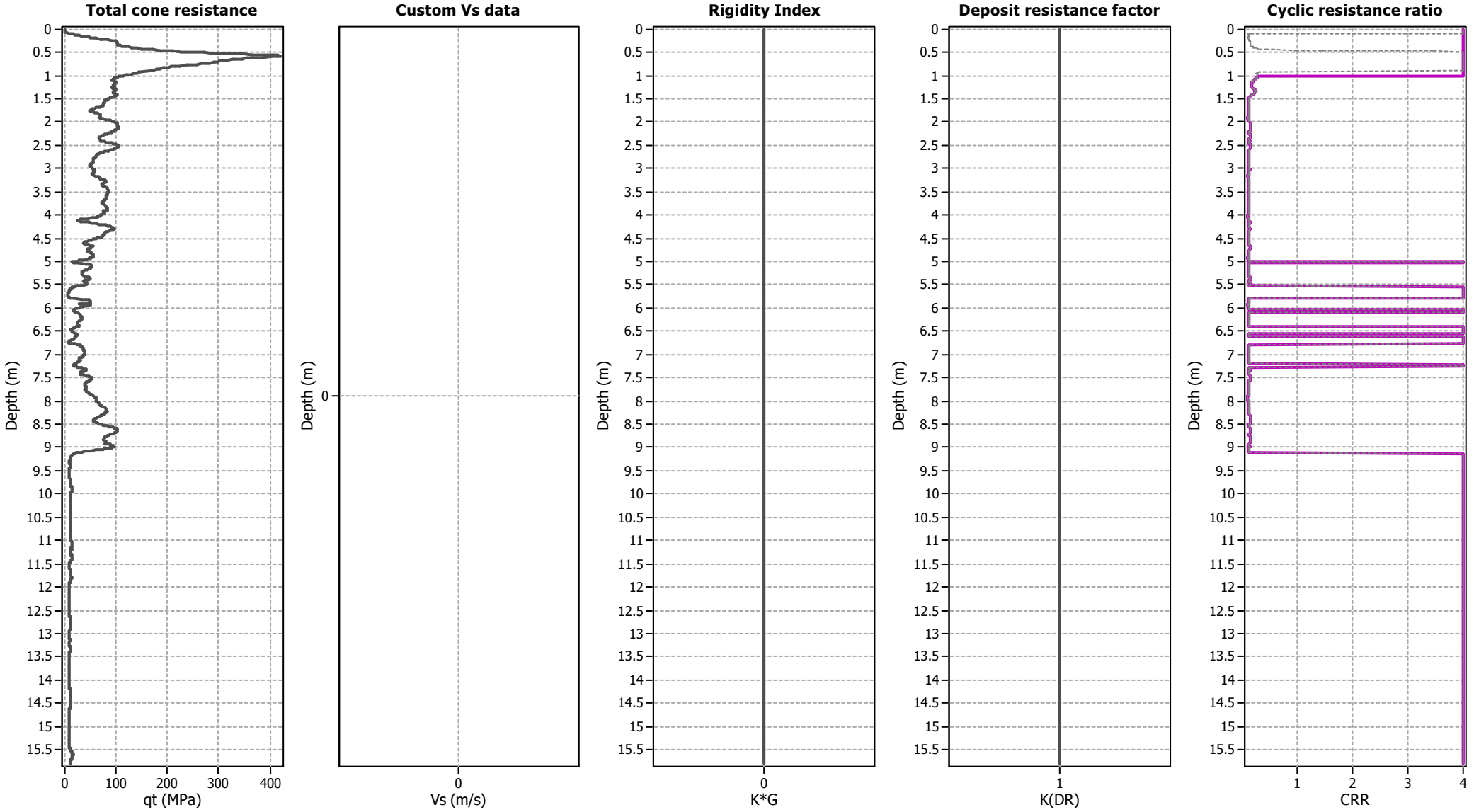
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	10.36	2.00	0.00	1.00	0.00	15.41	10.27	2.00	0.00	1.00	0.00
15.42	10.27	2.00	0.00	1.00	0.00	15.43	10.26	2.00	0.00	1.00	0.00
15.44	10.35	2.00	0.00	1.00	0.00	15.45	10.52	2.00	0.00	1.00	0.00
15.46	10.69	2.00	0.00	1.00	0.00	15.47	10.86	2.00	0.00	1.00	0.00
15.48	11.56	2.00	0.00	1.00	0.00	15.49	11.82	2.00	0.00	1.00	0.00
15.50	12.08	2.00	0.00	1.00	0.00	15.51	13.04	2.00	0.00	1.00	0.00
15.52	13.56	2.00	0.00	1.00	0.00	15.53	13.90	2.00	0.00	1.00	0.00
15.54	14.78	2.00	0.00	1.00	0.00	15.55	15.04	2.00	0.00	1.00	0.00
15.56	15.12	2.00	0.00	1.00	0.00	15.57	15.90	2.00	0.00	1.00	0.00
15.58	16.25	2.00	0.00	1.00	0.00	15.59	16.33	2.00	0.00	1.00	0.00
15.60	16.42	2.00	0.00	1.00	0.00	15.61	16.15	2.00	0.00	1.00	0.00
15.62	16.23	2.00	0.00	1.00	0.00	15.63	16.40	2.00	0.00	1.00	0.00
15.64	16.31	2.00	0.00	1.00	0.00	15.65	16.21	2.00	0.00	1.00	0.00
15.66	15.42	2.00	0.00	1.00	0.00	15.67	15.06	2.00	0.00	1.00	0.00
15.68	14.79	2.00	0.00	1.00	0.00	15.69	14.61	2.00	0.00	1.00	0.00
15.70	14.26	2.00	0.00	1.00	0.00	15.71	13.99	2.00	0.00	1.00	0.00
15.72	13.11	2.00	0.00	1.00	0.00	15.73	12.67	2.00	0.00	1.00	0.00
15.74	12.23	2.00	0.00	1.00	0.00	15.75	11.79	2.00	0.00	1.00	0.00
15.76	11.35	2.00	0.00	1.00	0.00	15.77	11.26	2.00	0.00	1.00	0.00
15.78	10.99	2.00	0.00	1.00	0.00	15.79	11.16	2.00	0.00	1.00	0.00
15.80	11.50	2.00	0.00	1.00	0.00						

Total estimated settlement: 26.31

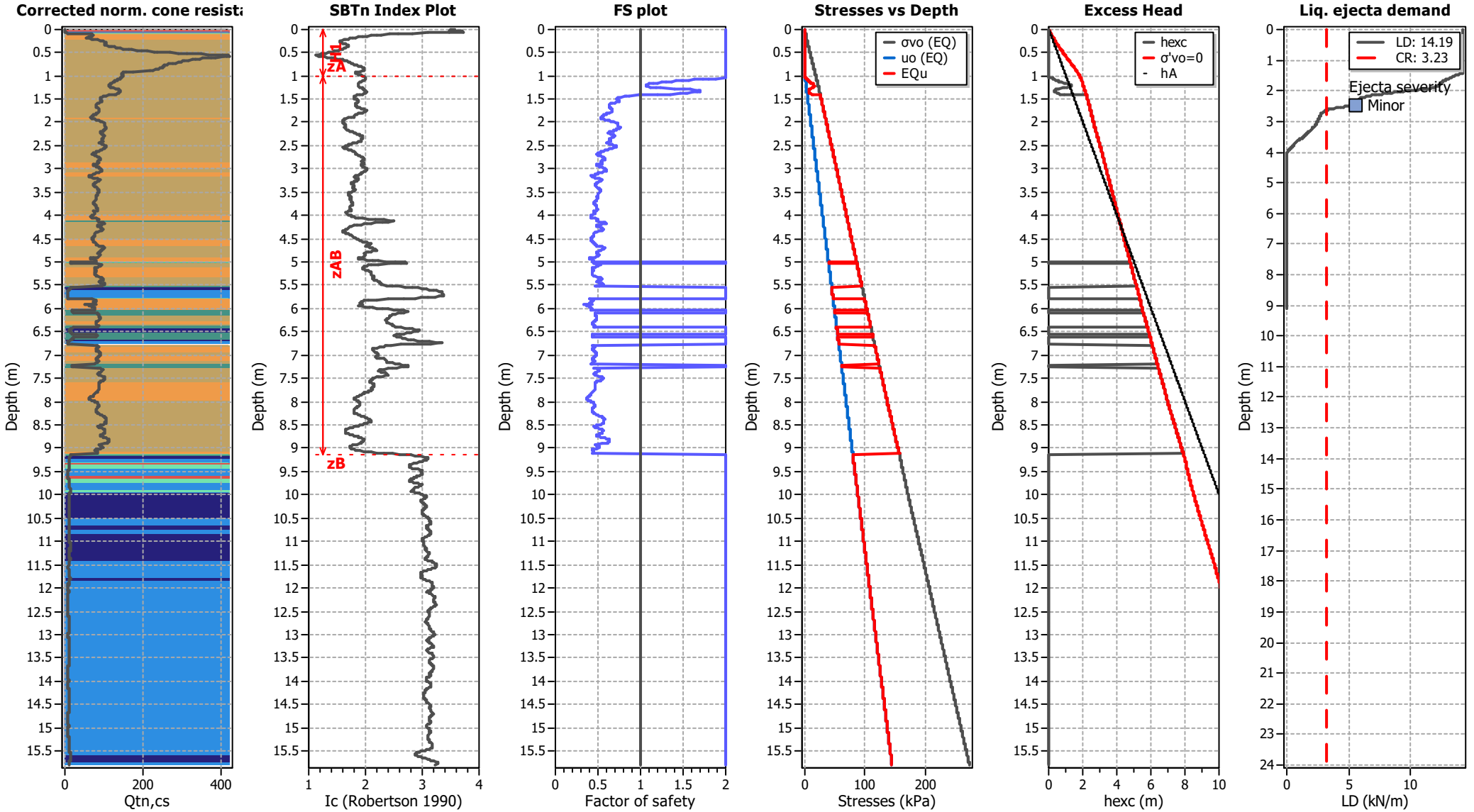
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



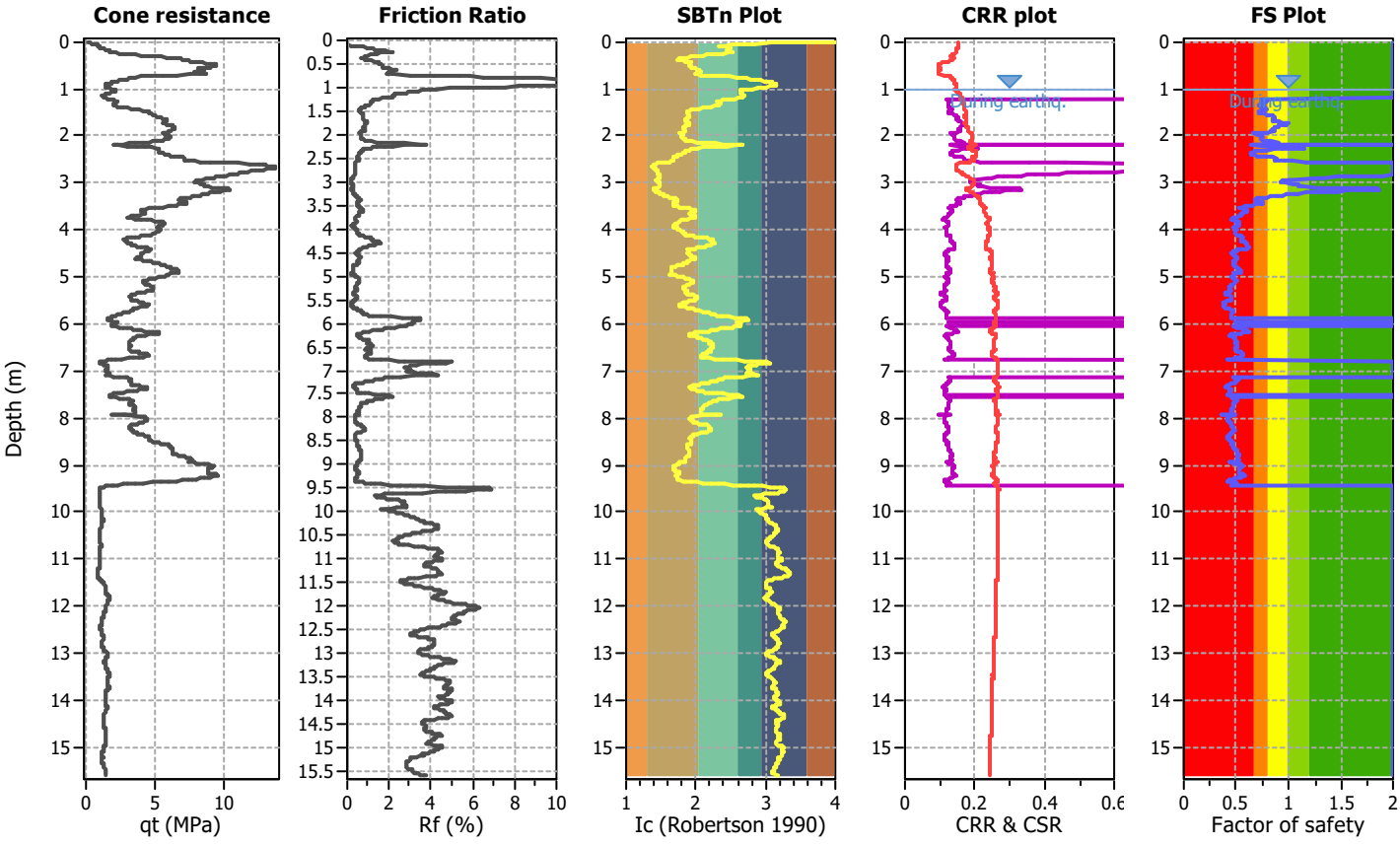
LIQUEFACTION ANALYSIS REPORT

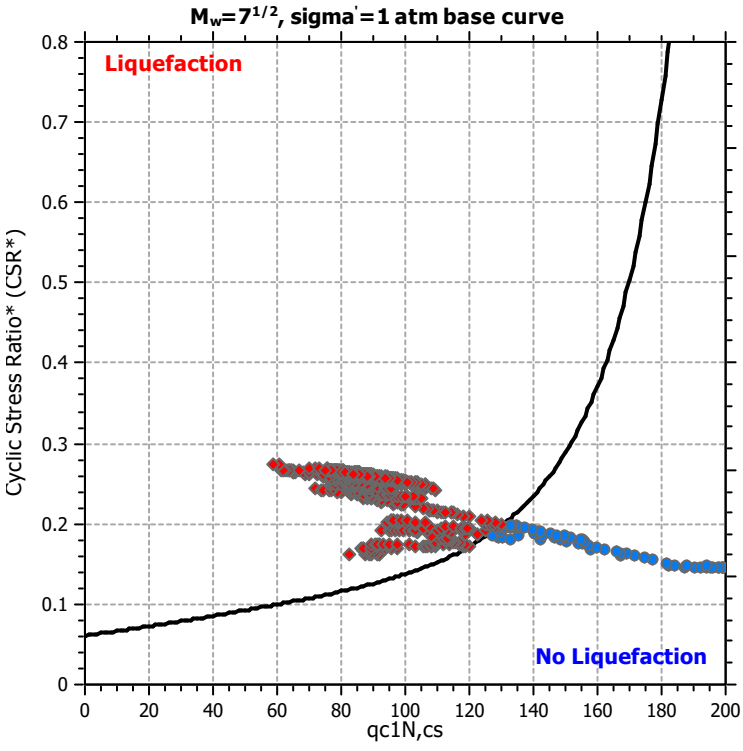
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

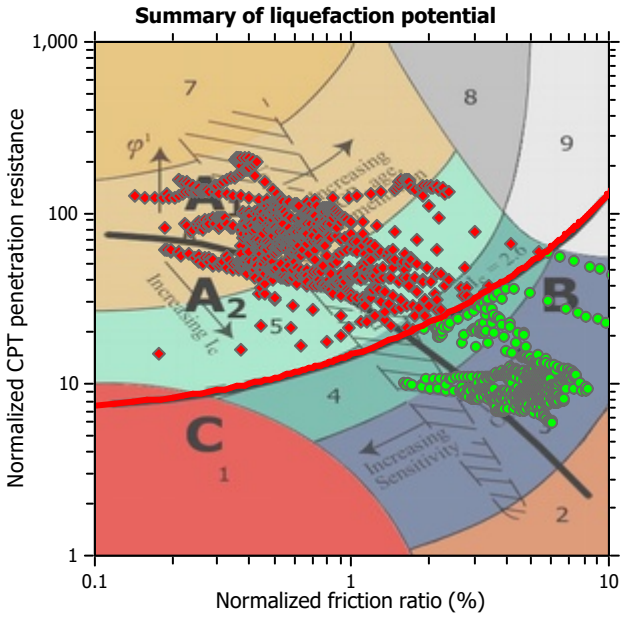
CPT file : 040008P1002CPTU1003

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

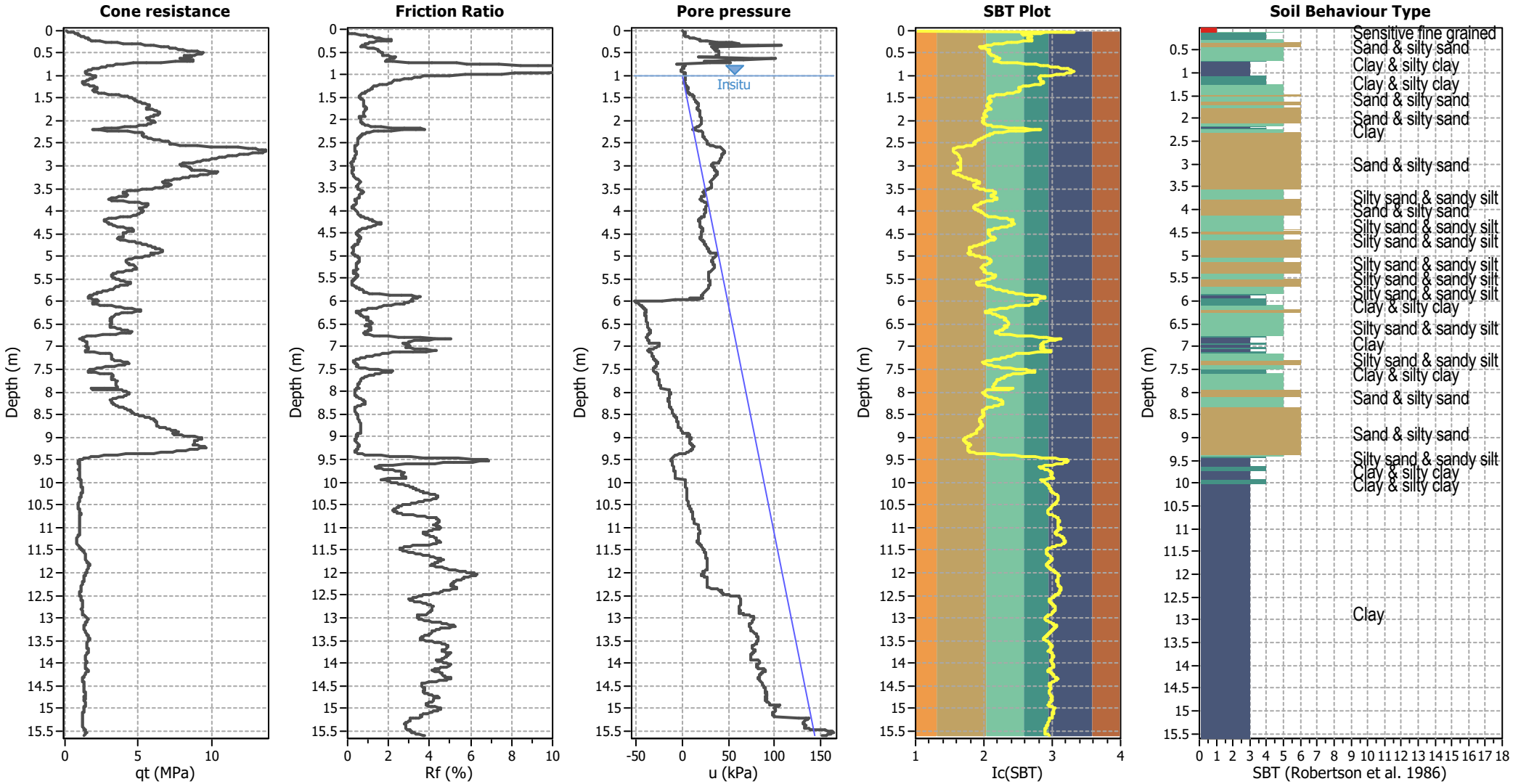






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



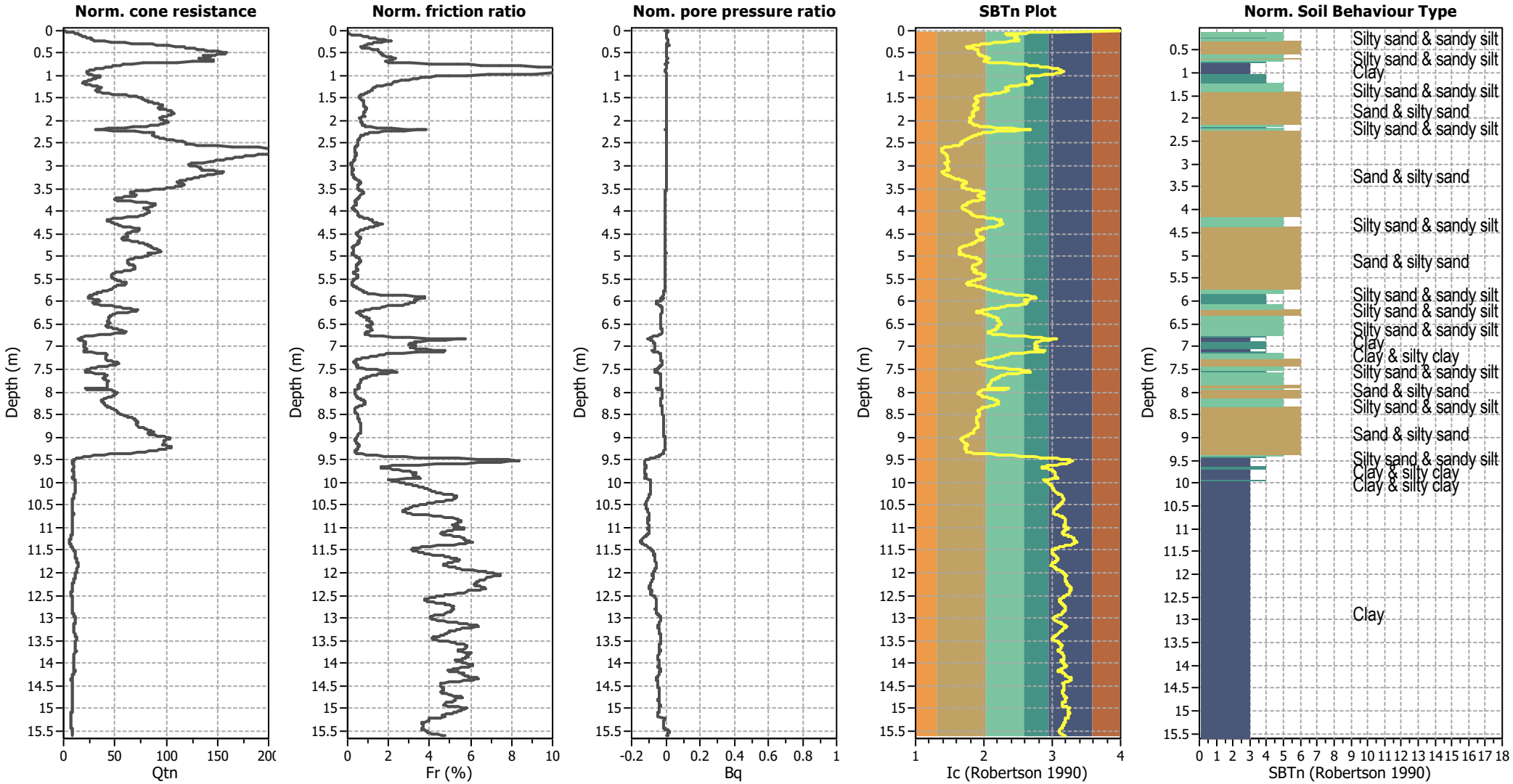
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



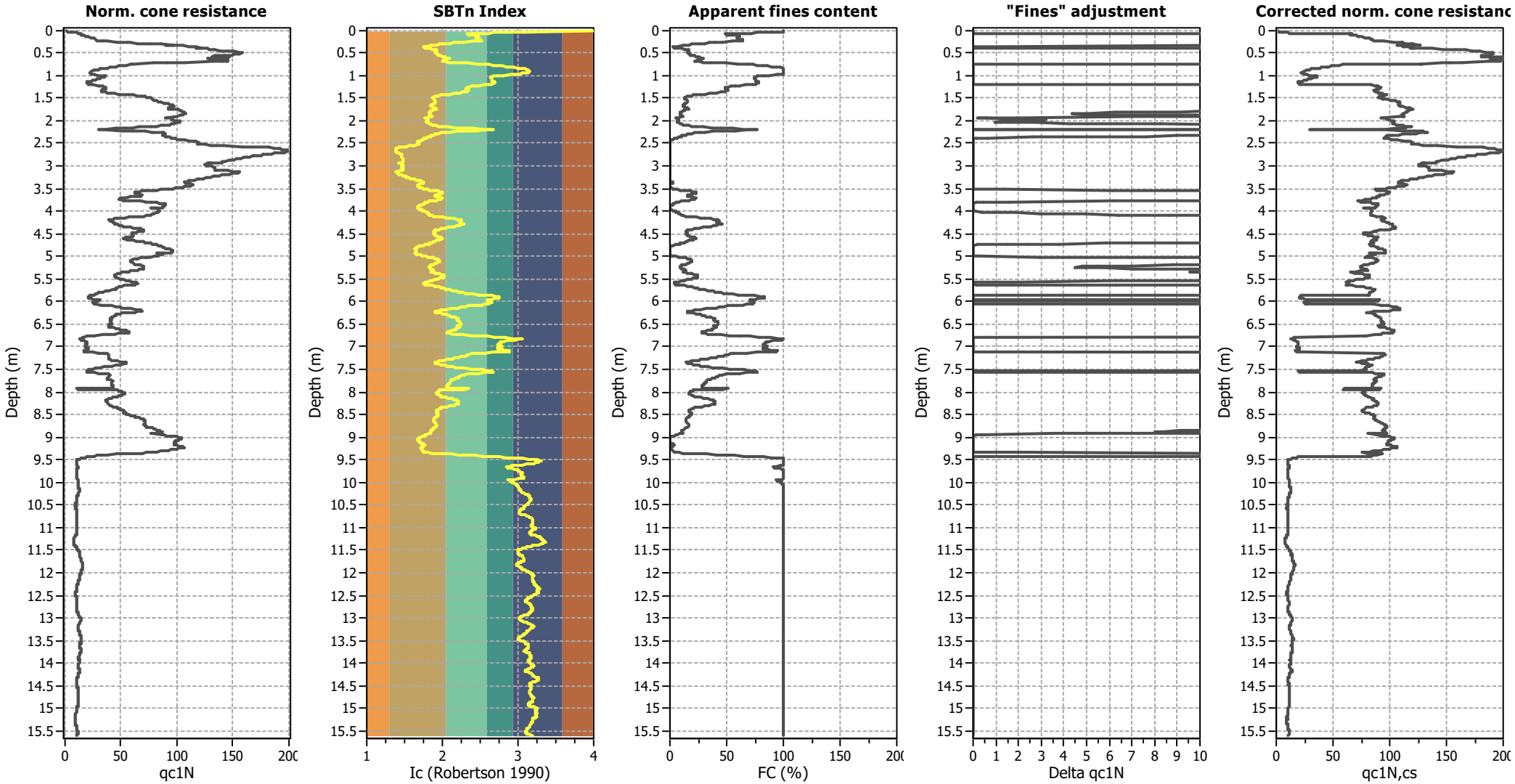
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty clay
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

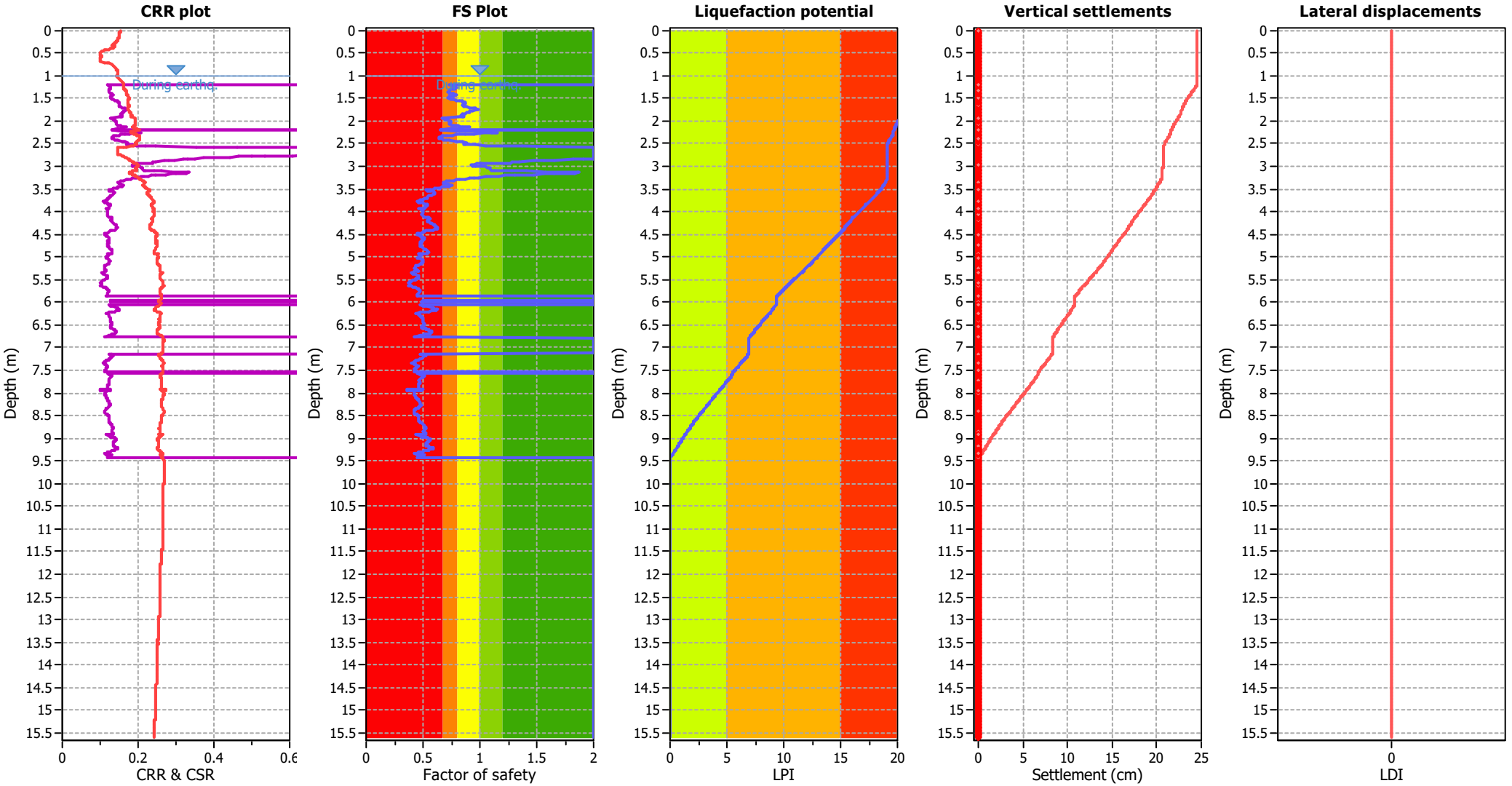
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

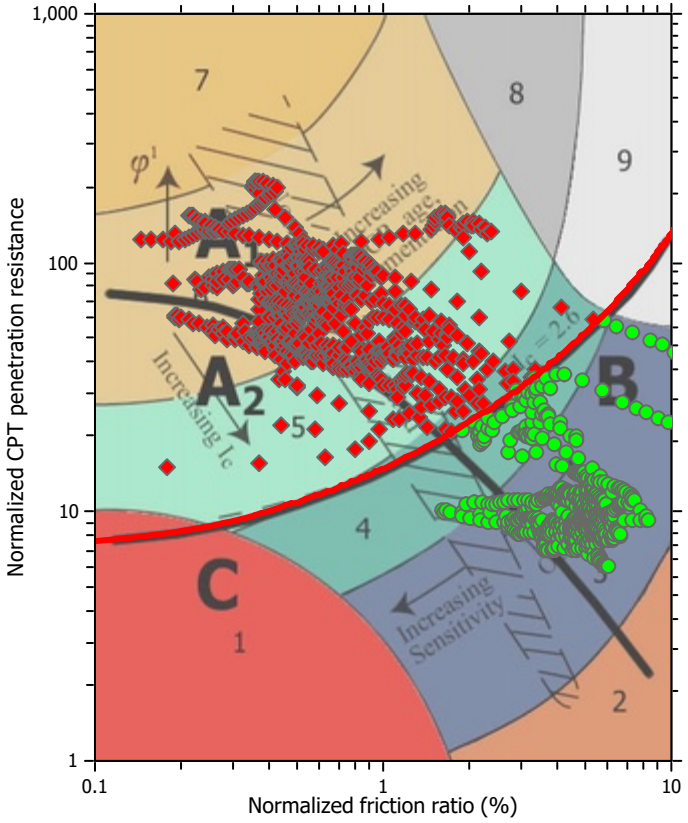
F.S. color scheme

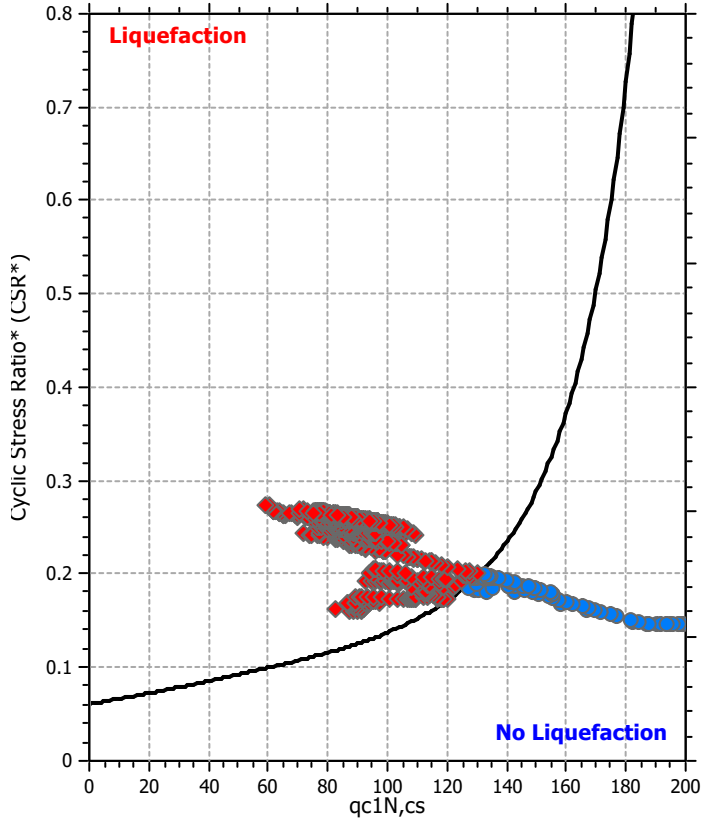
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

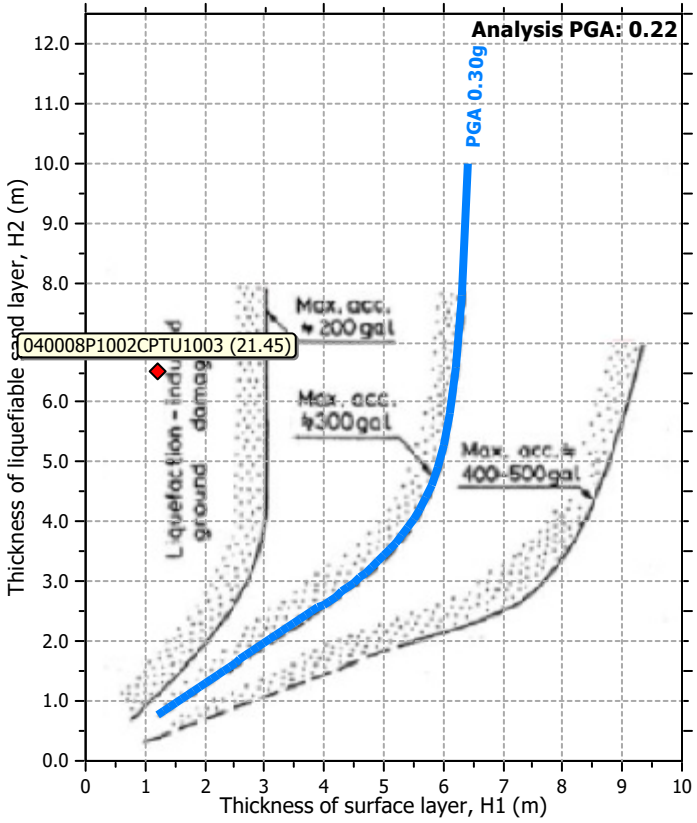
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



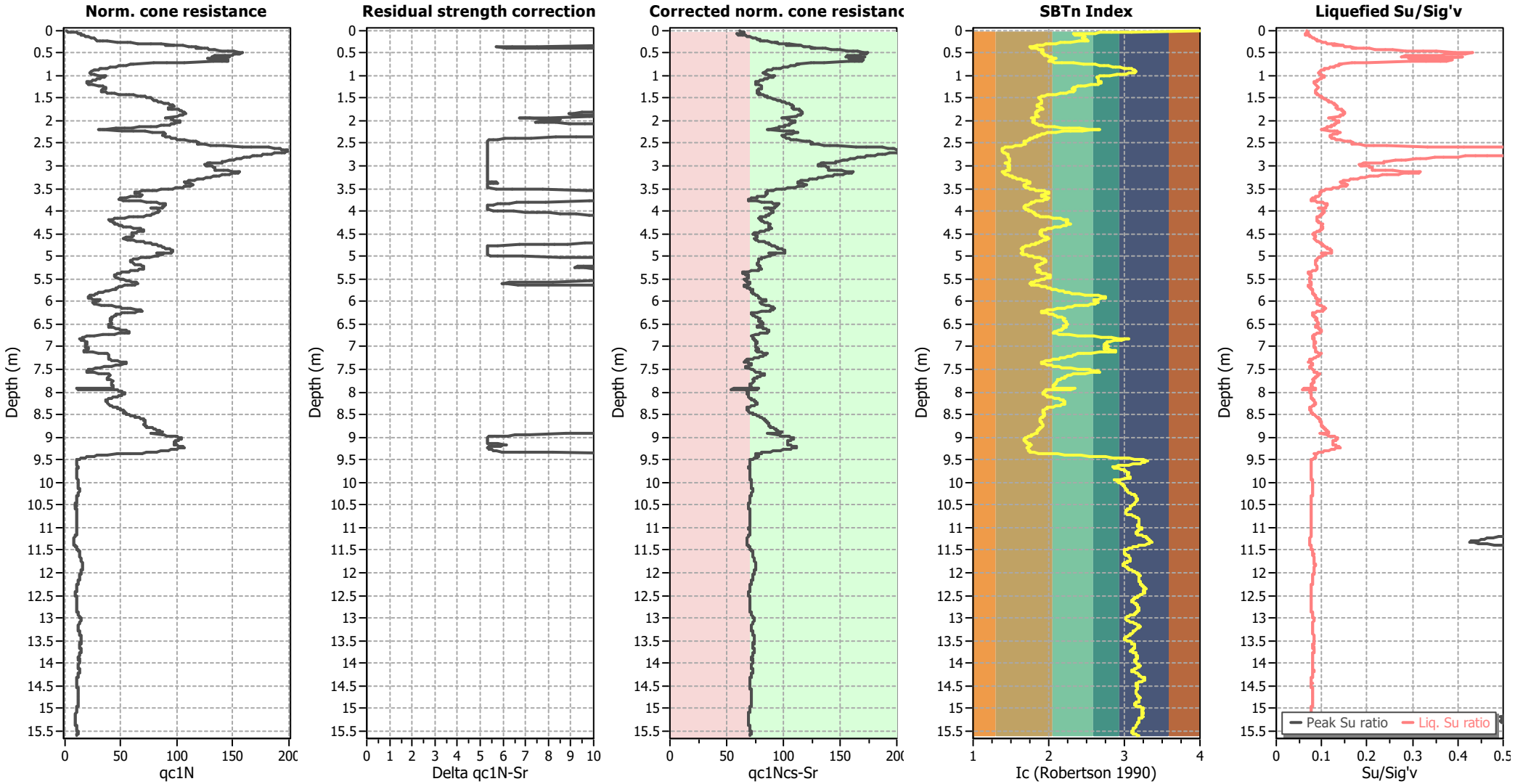




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	2.00	0.00	0.00	0.01	0.00
1.07	2.00	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	2.00	0.00	0.00	0.01	0.00	1.10	2.00	0.00	0.00	0.01	0.00
1.11	2.00	0.00	0.00	0.01	0.00	1.12	2.00	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	2.00	0.00	0.00	0.01	0.00	1.16	2.00	0.00	0.00	0.01	0.00
1.17	2.00	0.00	0.00	0.01	0.00	1.18	2.00	0.00	0.00	0.01	0.00
1.19	2.00	0.00	0.00	0.01	0.00	1.20	2.00	0.00	0.00	0.01	0.00
1.21	0.73	0.27	1.08	0.01	0.03	1.22	0.76	0.24	1.28	0.01	0.02
1.23	0.77	0.23	1.35	0.01	0.02	1.24	0.78	0.22	1.40	0.01	0.02
1.25	0.79	0.21	1.53	0.01	0.02	1.26	0.79	0.21	1.52	0.01	0.02
1.27	0.79	0.21	1.50	0.01	0.02	1.28	0.78	0.22	1.42	0.01	0.02
1.29	0.77	0.23	1.35	0.01	0.02	1.30	0.76	0.24	1.24	0.01	0.02
1.31	0.75	0.25	1.18	0.01	0.02	1.32	0.73	0.27	1.09	0.01	0.02
1.33	0.73	0.27	1.07	0.01	0.03	1.34	0.73	0.27	1.04	0.01	0.03
1.35	0.73	0.27	1.04	0.01	0.03	1.36	0.72	0.28	1.02	0.01	0.03
1.37	0.74	0.26	1.10	0.01	0.02	1.38	0.74	0.26	1.10	0.01	0.02
1.39	0.76	0.24	1.27	0.01	0.02	1.40	0.77	0.23	1.31	0.01	0.02
1.41	0.77	0.23	1.30	0.01	0.02	1.42	0.80	0.20	1.60	0.01	0.02
1.43	0.78	0.22	1.41	0.01	0.02	1.44	0.76	0.24	1.29	0.01	0.02
1.45	0.77	0.23	1.31	0.01	0.02	1.46	0.73	0.27	1.09	0.01	0.02
1.47	0.73	0.27	1.09	0.01	0.02	1.48	0.72	0.28	0.99	0.01	0.03
1.49	0.72	0.28	1.02	0.01	0.03	1.50	0.72	0.28	1.03	0.01	0.03
1.51	0.74	0.26	1.11	0.01	0.02	1.52	0.75	0.25	1.20	0.01	0.02
1.53	0.77	0.23	1.35	0.01	0.02	1.54	0.80	0.20	1.64	0.01	0.02
1.55	0.82	0.18	1.93	0.01	0.02	1.56	0.84	0.16	2.44	0.01	0.01
1.57	0.85	0.00	0.00	0.01	0.01	1.58	0.85	0.00	0.00	0.01	0.01
1.59	0.87	0.00	0.00	0.01	0.01	1.60	0.86	0.00	0.00	0.01	0.01
1.61	0.87	0.00	0.00	0.01	0.01	1.62	0.86	0.00	0.00	0.01	0.01
1.63	0.87	0.00	0.00	0.01	0.01	1.64	0.85	0.00	0.00	0.01	0.01
1.65	0.86	0.00	0.00	0.01	0.01	1.66	0.85	0.00	0.00	0.01	0.01
1.67	0.85	0.00	0.00	0.01	0.01	1.68	0.86	0.00	0.00	0.01	0.01
1.69	0.89	0.00	0.00	0.01	0.01	1.70	0.91	0.00	0.00	0.01	0.01
1.71	0.95	0.00	0.00	0.01	0.00	1.72	0.96	0.00	0.00	0.01	0.00
1.73	0.98	0.00	0.00	0.01	0.00	1.74	0.99	0.00	0.00	0.01	0.00
1.75	0.97	0.00	0.00	0.01	0.00	1.76	0.97	0.00	0.00	0.01	0.00
1.77	0.94	0.00	0.00	0.01	0.01	1.78	0.93	0.00	0.00	0.01	0.01
1.79	0.91	0.00	0.00	0.01	0.01	1.80	0.91	0.00	0.00	0.01	0.01
1.81	0.89	0.00	0.00	0.01	0.01	1.82	0.88	0.00	0.00	0.01	0.01
1.83	0.88	0.00	0.00	0.01	0.01	1.84	0.87	0.00	0.00	0.01	0.01
1.85	0.85	0.00	0.00	0.01	0.01	1.86	0.85	0.00	0.00	0.01	0.01
1.87	0.84	0.00	0.00	0.01	0.01	1.88	0.84	0.16	2.38	0.01	0.01
1.89	0.86	0.00	0.00	0.01	0.01	1.90	0.85	0.00	0.00	0.01	0.01
1.91	0.86	0.00	0.00	0.01	0.01	1.92	0.80	0.20	1.68	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.66	0.34	0.79	0.01	0.03	1.94	0.68	0.32	0.85	0.01	0.03
1.95	0.69	0.31	0.87	0.01	0.03	1.96	0.70	0.30	0.90	0.01	0.03
1.97	0.70	0.30	0.93	0.01	0.03	1.98	0.71	0.29	0.97	0.01	0.03
1.99	0.73	0.27	1.04	0.01	0.02	2.00	0.73	0.27	1.05	0.01	0.02
2.01	0.75	0.25	1.18	0.01	0.02	2.02	0.74	0.26	1.15	0.01	0.02
2.03	0.74	0.26	1.13	0.01	0.02	2.04	0.74	0.26	1.10	0.01	0.02
2.05	0.74	0.26	1.11	0.01	0.02	2.06	0.73	0.27	1.05	0.01	0.02
2.07	0.73	0.27	1.08	0.01	0.02	2.08	0.74	0.26	1.10	0.01	0.02
2.09	0.76	0.24	1.27	0.01	0.02	2.10	0.77	0.23	1.31	0.01	0.02
2.11	0.81	0.19	1.78	0.01	0.02	2.12	0.84	0.16	2.35	0.01	0.01
2.13	0.90	0.00	0.00	0.01	0.01	2.14	0.85	0.00	0.00	0.01	0.01
2.15	0.84	0.00	0.00	0.01	0.01	2.16	0.80	0.20	1.61	0.01	0.02
2.17	0.75	0.25	1.18	0.01	0.02	2.18	0.66	0.34	0.77	0.01	0.03
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	0.65	0.35	0.74	0.01	0.03	2.22	0.82	0.18	1.96	0.01	0.02
2.23	0.95	0.00	0.00	0.01	0.00	2.24	1.08	0.00	0.00	0.01	0.00
2.25	1.10	0.00	0.00	0.01	0.00	2.26	1.16	0.00	0.00	0.01	0.00
2.27	1.03	0.00	0.00	0.01	0.00	2.28	0.95	0.00	0.00	0.01	0.00
2.29	0.87	0.00	0.00	0.01	0.01	2.30	0.79	0.21	1.57	0.01	0.02
2.31	0.75	0.25	1.21	0.01	0.02	2.32	0.71	0.29	0.95	0.01	0.03
2.33	0.68	0.32	0.85	0.01	0.03	2.34	0.66	0.34	0.79	0.01	0.03
2.35	0.66	0.34	0.78	0.01	0.03	2.36	0.65	0.35	0.74	0.01	0.03
2.37	0.65	0.35	0.74	0.01	0.03	2.38	0.64	0.36	0.73	0.01	0.03
2.39	0.65	0.35	0.74	0.01	0.03	2.40	0.67	0.33	0.80	0.01	0.03
2.41	0.68	0.32	0.85	0.01	0.03	2.42	0.70	0.30	0.92	0.01	0.03
2.43	0.73	0.27	1.05	0.01	0.02	2.44	0.79	0.21	1.54	0.01	0.02
2.45	0.82	0.18	1.98	0.01	0.02	2.46	0.85	0.00	0.00	0.01	0.01
2.47	0.88	0.00	0.00	0.01	0.01	2.48	0.88	0.00	0.00	0.01	0.01
2.49	0.88	0.00	0.00	0.01	0.01	2.50	0.86	0.00	0.00	0.01	0.01
2.51	0.86	0.00	0.00	0.01	0.01	2.52	0.87	0.00	0.00	0.01	0.01
2.53	0.96	0.00	0.00	0.01	0.00	2.54	1.05	0.00	0.00	0.01	0.00
2.55	1.18	0.00	0.00	0.01	0.00	2.56	1.37	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	1.91	0.00	0.00	0.01	0.00
2.85	1.83	0.00	0.00	0.01	0.00	2.86	1.65	0.00	0.00	0.01	0.00
2.87	1.57	0.00	0.00	0.01	0.00	2.88	1.47	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.34	0.00	0.00	0.01	0.00	2.90	1.28	0.00	0.00	0.01	0.00
2.91	1.28	0.00	0.00	0.01	0.00	2.92	1.27	0.00	0.00	0.01	0.00
2.93	0.99	0.00	0.00	0.01	0.00	2.94	1.02	0.00	0.00	0.01	0.00
2.95	0.98	0.00	0.00	0.01	0.00	2.96	0.95	0.00	0.00	0.01	0.00
2.97	0.93	0.00	0.00	0.01	0.01	2.98	0.92	0.00	0.00	0.01	0.01
2.99	0.93	0.00	0.00	0.01	0.01	3.00	0.96	0.00	0.00	0.01	0.00
3.01	1.05	0.00	0.00	0.01	0.00	3.02	1.07	0.00	0.00	0.01	0.00
3.03	1.09	0.00	0.00	0.01	0.00	3.04	1.09	0.00	0.00	0.01	0.00
3.05	1.09	0.00	0.00	0.01	0.00	3.06	1.09	0.00	0.00	0.01	0.00
3.07	1.09	0.00	0.00	0.01	0.00	3.08	1.10	0.00	0.00	0.01	0.00
3.09	1.12	0.00	0.00	0.01	0.00	3.10	1.28	0.00	0.00	0.01	0.00
3.11	1.41	0.00	0.00	0.01	0.00	3.12	1.57	0.00	0.00	0.01	0.00
3.13	1.85	0.00	0.00	0.01	0.00	3.14	1.87	0.00	0.00	0.01	0.00
3.15	1.83	0.00	0.00	0.01	0.00	3.16	1.66	0.00	0.00	0.01	0.00
3.17	1.56	0.00	0.00	0.01	0.00	3.18	1.48	0.00	0.00	0.01	0.00
3.19	1.30	0.00	0.00	0.01	0.00	3.20	1.22	0.00	0.00	0.01	0.00
3.21	1.16	0.00	0.00	0.01	0.00	3.22	1.09	0.00	0.00	0.01	0.00
3.23	1.07	0.00	0.00	0.01	0.00	3.24	1.05	0.00	0.00	0.01	0.00
3.25	0.98	0.00	0.00	0.01	0.00	3.26	0.95	0.00	0.00	0.01	0.00
3.27	0.91	0.00	0.00	0.01	0.01	3.28	0.88	0.00	0.00	0.01	0.01
3.29	0.82	0.18	2.03	0.01	0.01	3.30	0.80	0.20	1.66	0.01	0.02
3.31	0.77	0.23	1.37	0.01	0.02	3.32	0.73	0.27	1.04	0.01	0.02
3.33	0.71	0.29	0.96	0.01	0.02	3.34	0.69	0.31	0.90	0.01	0.03
3.35	0.68	0.32	0.85	0.01	0.03	3.36	0.68	0.32	0.84	0.01	0.03
3.37	0.68	0.32	0.85	0.01	0.03	3.38	0.69	0.31	0.86	0.01	0.03
3.39	0.71	0.29	0.95	0.01	0.02	3.40	0.72	0.28	1.01	0.01	0.02
3.41	0.75	0.25	1.18	0.01	0.02	3.42	0.76	0.24	1.22	0.01	0.02
3.43	0.75	0.25	1.18	0.01	0.02	3.44	0.73	0.27	1.06	0.01	0.02
3.45	0.69	0.31	0.87	0.01	0.03	3.46	0.67	0.33	0.82	0.01	0.03
3.47	0.66	0.34	0.77	0.01	0.03	3.48	0.64	0.36	0.73	0.01	0.03
3.49	0.61	0.39	0.64	0.01	0.03	3.50	0.59	0.41	0.61	0.01	0.03
3.51	0.57	0.43	0.57	0.01	0.04	3.52	0.53	0.47	0.52	0.01	0.04
3.53	0.54	0.46	0.52	0.01	0.04	3.54	0.55	0.45	0.55	0.01	0.04
3.55	0.56	0.44	0.57	0.01	0.04	3.56	0.59	0.41	0.61	0.01	0.03
3.57	0.60	0.40	0.64	0.01	0.03	3.58	0.60	0.40	0.64	0.01	0.03
3.59	0.61	0.39	0.65	0.01	0.03	3.60	0.61	0.39	0.65	0.01	0.03
3.61	0.60	0.40	0.62	0.01	0.03	3.62	0.59	0.41	0.61	0.01	0.03
3.63	0.57	0.43	0.58	0.01	0.03	3.64	0.56	0.44	0.56	0.01	0.04
3.65	0.55	0.45	0.54	0.01	0.04	3.66	0.54	0.46	0.53	0.01	0.04
3.67	0.54	0.46	0.53	0.01	0.04	3.68	0.54	0.46	0.54	0.01	0.04
3.69	0.53	0.47	0.52	0.01	0.04	3.70	0.53	0.47	0.52	0.01	0.04
3.71	0.53	0.47	0.52	0.01	0.04	3.72	0.51	0.49	0.49	0.01	0.04
3.73	0.50	0.50	0.48	0.01	0.04	3.74	0.49	0.51	0.46	0.01	0.04
3.75	0.48	0.52	0.45	0.01	0.04	3.76	0.47	0.53	0.44	0.01	0.04
3.77	0.45	0.55	0.42	0.01	0.04	3.78	0.45	0.55	0.43	0.01	0.04
3.79	0.46	0.54	0.43	0.01	0.04	3.80	0.47	0.53	0.45	0.01	0.04
3.81	0.50	0.50	0.48	0.01	0.04	3.82	0.51	0.49	0.49	0.01	0.04
3.83	0.52	0.48	0.50	0.01	0.04	3.84	0.53	0.47	0.51	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.54	0.46	0.52	0.01	0.04	3.86	0.53	0.47	0.52	0.01	0.04
3.87	0.53	0.47	0.52	0.01	0.04	3.88	0.53	0.47	0.51	0.01	0.04
3.89	0.52	0.48	0.51	0.01	0.04	3.90	0.52	0.48	0.50	0.01	0.04
3.91	0.52	0.48	0.50	0.01	0.04	3.92	0.52	0.48	0.50	0.01	0.04
3.93	0.47	0.53	0.44	0.01	0.04	3.94	0.49	0.51	0.47	0.01	0.04
3.95	0.49	0.51	0.47	0.01	0.04	3.96	0.49	0.51	0.47	0.01	0.04
3.97	0.50	0.50	0.47	0.01	0.04	3.98	0.50	0.50	0.48	0.01	0.04
3.99	0.50	0.50	0.48	0.01	0.04	4.00	0.50	0.50	0.48	0.01	0.04
4.01	0.50	0.50	0.48	0.01	0.04	4.02	0.50	0.50	0.47	0.01	0.04
4.03	0.50	0.50	0.47	0.01	0.04	4.04	0.50	0.50	0.47	0.01	0.04
4.05	0.49	0.51	0.47	0.01	0.04	4.06	0.49	0.51	0.47	0.01	0.04
4.07	0.49	0.51	0.47	0.01	0.04	4.08	0.49	0.51	0.47	0.01	0.04
4.09	0.49	0.51	0.47	0.01	0.04	4.10	0.50	0.50	0.48	0.01	0.04
4.11	0.52	0.48	0.50	0.01	0.04	4.12	0.52	0.48	0.50	0.01	0.04
4.13	0.54	0.46	0.53	0.01	0.04	4.14	0.55	0.45	0.54	0.01	0.04
4.15	0.56	0.44	0.56	0.01	0.03	4.16	0.55	0.45	0.54	0.01	0.04
4.17	0.55	0.45	0.55	0.01	0.04	4.18	0.55	0.45	0.54	0.01	0.04
4.19	0.55	0.45	0.54	0.01	0.04	4.20	0.54	0.46	0.53	0.01	0.04
4.21	0.54	0.46	0.54	0.01	0.04	4.22	0.55	0.45	0.55	0.01	0.04
4.23	0.56	0.44	0.55	0.01	0.04	4.24	0.57	0.43	0.57	0.01	0.03
4.25	0.57	0.43	0.58	0.01	0.03	4.26	0.58	0.42	0.59	0.01	0.03
4.27	0.59	0.41	0.61	0.01	0.03	4.28	0.60	0.40	0.64	0.01	0.03
4.29	0.61	0.39	0.64	0.01	0.03	4.30	0.61	0.39	0.65	0.01	0.03
4.31	0.61	0.39	0.65	0.01	0.03	4.32	0.61	0.39	0.65	0.01	0.03
4.33	0.61	0.39	0.65	0.01	0.03	4.34	0.61	0.39	0.65	0.01	0.03
4.35	0.62	0.38	0.68	0.01	0.03	4.36	0.62	0.38	0.68	0.01	0.03
4.37	0.61	0.39	0.66	0.01	0.03	4.38	0.62	0.38	0.68	0.01	0.03
4.39	0.60	0.40	0.63	0.01	0.03	4.40	0.59	0.41	0.60	0.01	0.03
4.41	0.56	0.44	0.55	0.01	0.03	4.42	0.52	0.48	0.51	0.01	0.04
4.43	0.50	0.50	0.48	0.01	0.04	4.44	0.51	0.49	0.49	0.01	0.04
4.45	0.50	0.50	0.48	0.01	0.04	4.46	0.50	0.50	0.47	0.01	0.04
4.47	0.48	0.52	0.46	0.01	0.04	4.48	0.47	0.53	0.44	0.01	0.04
4.49	0.45	0.55	0.43	0.01	0.04	4.50	0.45	0.55	0.43	0.01	0.04
4.51	0.46	0.54	0.43	0.01	0.04	4.52	0.47	0.53	0.44	0.01	0.04
4.53	0.47	0.53	0.45	0.01	0.04	4.54	0.48	0.52	0.45	0.01	0.04
4.55	0.49	0.51	0.46	0.01	0.04	4.56	0.49	0.51	0.47	0.01	0.04
4.57	0.50	0.50	0.48	0.01	0.04	4.58	0.51	0.49	0.49	0.01	0.04
4.59	0.51	0.49	0.49	0.01	0.04	4.60	0.50	0.50	0.48	0.01	0.04
4.61	0.51	0.49	0.49	0.01	0.04	4.62	0.50	0.50	0.48	0.01	0.04
4.63	0.50	0.50	0.48	0.01	0.04	4.64	0.49	0.51	0.47	0.01	0.04
4.65	0.48	0.52	0.46	0.01	0.04	4.66	0.48	0.52	0.46	0.01	0.04
4.67	0.49	0.51	0.47	0.01	0.04	4.68	0.49	0.51	0.47	0.01	0.04
4.69	0.49	0.51	0.47	0.01	0.04	4.70	0.49	0.51	0.47	0.01	0.04
4.71	0.48	0.52	0.45	0.01	0.04	4.72	0.47	0.53	0.45	0.01	0.04
4.73	0.47	0.53	0.45	0.01	0.04	4.74	0.47	0.53	0.45	0.01	0.04
4.75	0.47	0.53	0.44	0.01	0.04	4.76	0.48	0.52	0.46	0.01	0.04
4.77	0.49	0.51	0.46	0.01	0.04	4.78	0.49	0.51	0.47	0.01	0.04
4.79	0.50	0.50	0.48	0.01	0.04	4.80	0.50	0.50	0.48	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.51	0.49	0.49	0.01	0.04	4.82	0.51	0.49	0.49	0.01	0.04
4.83	0.52	0.48	0.50	0.01	0.04	4.84	0.53	0.47	0.52	0.01	0.04
4.85	0.54	0.46	0.52	0.01	0.04	4.86	0.54	0.46	0.53	0.01	0.03
4.87	0.54	0.46	0.54	0.01	0.03	4.88	0.55	0.45	0.54	0.01	0.03
4.89	0.54	0.46	0.54	0.01	0.03	4.90	0.54	0.46	0.53	0.01	0.03
4.91	0.54	0.46	0.53	0.01	0.03	4.92	0.54	0.46	0.53	0.01	0.03
4.93	0.47	0.53	0.44	0.01	0.04	4.94	0.50	0.50	0.48	0.01	0.04
4.95	0.49	0.51	0.47	0.01	0.04	4.96	0.49	0.51	0.47	0.01	0.04
4.97	0.48	0.52	0.46	0.01	0.04	4.98	0.47	0.53	0.45	0.01	0.04
4.99	0.47	0.53	0.44	0.01	0.04	5.00	0.46	0.54	0.44	0.01	0.04
5.01	0.45	0.55	0.43	0.01	0.04	5.02	0.46	0.54	0.44	0.01	0.04
5.03	0.47	0.53	0.45	0.01	0.04	5.04	0.48	0.52	0.45	0.01	0.04
5.05	0.49	0.51	0.46	0.01	0.04	5.06	0.50	0.50	0.48	0.01	0.04
5.07	0.50	0.50	0.47	0.01	0.04	5.08	0.50	0.50	0.48	0.01	0.04
5.09	0.50	0.50	0.48	0.01	0.04	5.10	0.50	0.50	0.48	0.01	0.04
5.11	0.50	0.50	0.48	0.01	0.04	5.12	0.49	0.51	0.47	0.01	0.04
5.13	0.49	0.51	0.47	0.01	0.04	5.14	0.48	0.52	0.46	0.01	0.04
5.15	0.47	0.53	0.45	0.01	0.04	5.16	0.47	0.53	0.44	0.01	0.04
5.17	0.46	0.54	0.43	0.01	0.04	5.18	0.45	0.55	0.43	0.01	0.04
5.19	0.44	0.56	0.42	0.01	0.04	5.20	0.44	0.56	0.42	0.01	0.04
5.21	0.43	0.57	0.41	0.01	0.04	5.22	0.43	0.57	0.41	0.01	0.04
5.23	0.43	0.57	0.41	0.01	0.04	5.24	0.43	0.57	0.41	0.01	0.04
5.25	0.43	0.57	0.41	0.01	0.04	5.26	0.44	0.56	0.41	0.01	0.04
5.27	0.44	0.56	0.42	0.01	0.04	5.28	0.45	0.55	0.42	0.01	0.04
5.29	0.45	0.55	0.43	0.01	0.04	5.30	0.46	0.54	0.43	0.01	0.04
5.31	0.45	0.55	0.43	0.01	0.04	5.32	0.43	0.57	0.41	0.01	0.04
5.33	0.41	0.59	0.39	0.01	0.04	5.34	0.40	0.60	0.38	0.01	0.04
5.35	0.39	0.61	0.38	0.01	0.04	5.36	0.39	0.61	0.38	0.01	0.04
5.37	0.41	0.59	0.39	0.01	0.04	5.38	0.42	0.58	0.40	0.01	0.04
5.39	0.43	0.57	0.41	0.01	0.04	5.40	0.44	0.56	0.42	0.01	0.04
5.41	0.45	0.55	0.43	0.01	0.04	5.42	0.46	0.54	0.43	0.01	0.04
5.43	0.46	0.54	0.44	0.01	0.04	5.44	0.46	0.54	0.44	0.01	0.04
5.45	0.46	0.54	0.43	0.01	0.04	5.46	0.46	0.54	0.43	0.01	0.04
5.47	0.45	0.55	0.43	0.01	0.04	5.48	0.45	0.55	0.43	0.01	0.04
5.49	0.44	0.56	0.42	0.01	0.04	5.50	0.43	0.57	0.41	0.01	0.04
5.51	0.42	0.58	0.40	0.01	0.04	5.52	0.41	0.59	0.39	0.01	0.04
5.53	0.40	0.60	0.39	0.01	0.04	5.54	0.39	0.61	0.38	0.01	0.04
5.55	0.38	0.62	0.37	0.01	0.04	5.56	0.38	0.62	0.37	0.01	0.04
5.57	0.38	0.62	0.37	0.01	0.04	5.58	0.39	0.61	0.37	0.01	0.04
5.59	0.39	0.61	0.38	0.01	0.04	5.60	0.39	0.61	0.38	0.01	0.04
5.61	0.38	0.62	0.37	0.01	0.04	5.62	0.38	0.62	0.37	0.01	0.04
5.63	0.38	0.62	0.37	0.01	0.04	5.64	0.38	0.62	0.37	0.01	0.04
5.65	0.40	0.60	0.38	0.01	0.04	5.66	0.41	0.59	0.39	0.01	0.04
5.67	0.42	0.58	0.40	0.01	0.04	5.68	0.43	0.57	0.41	0.01	0.04
5.69	0.45	0.55	0.42	0.01	0.04	5.70	0.45	0.55	0.43	0.01	0.04
5.71	0.46	0.54	0.44	0.01	0.04	5.72	0.47	0.53	0.44	0.01	0.04
5.73	0.47	0.53	0.45	0.01	0.04	5.74	0.48	0.52	0.46	0.01	0.04
5.75	0.47	0.53	0.45	0.01	0.04	5.76	0.47	0.53	0.45	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.47	0.53	0.45	0.01	0.04	5.78	0.46	0.54	0.44	0.01	0.04
5.79	0.46	0.54	0.44	0.01	0.04	5.80	0.46	0.54	0.43	0.01	0.04
5.81	0.46	0.54	0.43	0.01	0.04	5.82	0.45	0.55	0.43	0.01	0.04
5.83	0.45	0.55	0.43	0.01	0.04	5.84	0.45	0.55	0.43	0.01	0.04
5.85	0.45	0.55	0.43	0.01	0.04	5.86	0.45	0.55	0.43	0.01	0.04
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	0.49	0.51	0.47	0.01	0.04	5.98	0.49	0.51	0.47	0.01	0.04
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	0.47	0.53	0.45	0.01	0.04
6.07	0.50	0.50	0.48	0.01	0.03	6.08	0.51	0.49	0.49	0.01	0.03
6.09	0.53	0.47	0.52	0.01	0.03	6.10	0.54	0.46	0.53	0.01	0.03
6.11	0.57	0.43	0.58	0.01	0.03	6.12	0.58	0.42	0.59	0.01	0.03
6.13	0.59	0.41	0.62	0.01	0.03	6.14	0.60	0.40	0.62	0.01	0.03
6.15	0.62	0.38	0.68	0.01	0.03	6.16	0.61	0.39	0.66	0.01	0.03
6.17	0.62	0.38	0.67	0.01	0.03	6.18	0.59	0.41	0.61	0.01	0.03
6.19	0.57	0.43	0.58	0.01	0.03	6.20	0.55	0.45	0.55	0.01	0.03
6.21	0.51	0.49	0.49	0.01	0.03	6.22	0.47	0.53	0.45	0.01	0.04
6.23	0.45	0.55	0.43	0.01	0.04	6.24	0.44	0.56	0.42	0.01	0.04
6.25	0.45	0.55	0.43	0.01	0.04	6.26	0.46	0.54	0.43	0.01	0.04
6.27	0.47	0.53	0.44	0.01	0.04	6.28	0.47	0.53	0.45	0.01	0.04
6.29	0.48	0.52	0.45	0.01	0.04	6.30	0.48	0.52	0.45	0.01	0.04
6.31	0.48	0.52	0.46	0.01	0.04	6.32	0.48	0.52	0.46	0.01	0.04
6.33	0.49	0.51	0.47	0.01	0.03	6.34	0.49	0.51	0.47	0.01	0.03
6.35	0.50	0.50	0.47	0.01	0.03	6.36	0.50	0.50	0.48	0.01	0.03
6.37	0.50	0.50	0.48	0.01	0.03	6.38	0.50	0.50	0.48	0.01	0.03
6.39	0.50	0.50	0.48	0.01	0.03	6.40	0.50	0.50	0.48	0.01	0.03
6.41	0.50	0.50	0.48	0.01	0.03	6.42	0.50	0.50	0.48	0.01	0.03
6.43	0.50	0.50	0.48	0.01	0.03	6.44	0.50	0.50	0.48	0.01	0.03
6.45	0.51	0.49	0.49	0.01	0.03	6.46	0.51	0.49	0.50	0.01	0.03
6.47	0.52	0.48	0.50	0.01	0.03	6.48	0.52	0.48	0.50	0.01	0.03
6.49	0.51	0.49	0.50	0.01	0.03	6.50	0.51	0.49	0.49	0.01	0.03
6.51	0.50	0.50	0.48	0.01	0.03	6.52	0.50	0.50	0.47	0.01	0.03
6.53	0.49	0.51	0.47	0.01	0.03	6.54	0.49	0.51	0.46	0.01	0.03
6.55	0.49	0.51	0.47	0.01	0.03	6.56	0.49	0.51	0.47	0.01	0.03
6.57	0.51	0.49	0.49	0.01	0.03	6.58	0.52	0.48	0.50	0.01	0.03
6.59	0.53	0.47	0.51	0.01	0.03	6.60	0.53	0.47	0.52	0.01	0.03
6.61	0.55	0.45	0.54	0.01	0.03	6.62	0.55	0.45	0.55	0.01	0.03
6.63	0.55	0.45	0.55	0.01	0.03	6.64	0.58	0.42	0.58	0.01	0.03
6.65	0.57	0.43	0.58	0.01	0.03	6.66	0.57	0.43	0.58	0.01	0.03
6.67	0.57	0.43	0.57	0.01	0.03	6.68	0.56	0.44	0.56	0.01	0.03
6.69	0.55	0.45	0.54	0.01	0.03	6.70	0.54	0.46	0.53	0.01	0.03
6.71	0.51	0.49	0.49	0.01	0.03	6.72	0.50	0.50	0.48	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.48	0.52	0.46	0.01	0.03	6.74	0.47	0.53	0.45	0.01	0.04
6.75	0.44	0.56	0.42	0.01	0.04	6.76	0.43	0.57	0.41	0.01	0.04
6.77	0.42	0.58	0.40	0.01	0.04	6.78	2.00	0.00	0.00	0.01	0.00
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	2.00	0.00	0.00	0.01	0.00
6.93	2.00	0.00	0.00	0.01	0.00	6.94	2.00	0.00	0.00	0.01	0.00
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	2.00	0.00	0.00	0.01	0.00	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	0.48	0.52	0.45	0.01	0.03	7.14	0.51	0.49	0.49	0.01	0.03
7.15	0.51	0.49	0.50	0.01	0.03	7.16	0.52	0.48	0.50	0.01	0.03
7.17	0.52	0.48	0.50	0.01	0.03	7.18	0.52	0.48	0.50	0.01	0.03
7.19	0.51	0.49	0.50	0.01	0.03	7.20	0.51	0.49	0.48	0.01	0.03
7.21	0.50	0.50	0.48	0.01	0.03	7.22	0.50	0.50	0.48	0.01	0.03
7.23	0.49	0.51	0.47	0.01	0.03	7.24	0.48	0.52	0.46	0.01	0.03
7.25	0.47	0.53	0.45	0.01	0.03	7.26	0.47	0.53	0.44	0.01	0.03
7.27	0.46	0.54	0.43	0.01	0.03	7.28	0.45	0.55	0.42	0.01	0.04
7.29	0.44	0.56	0.42	0.01	0.04	7.30	0.43	0.57	0.41	0.01	0.04
7.31	0.43	0.57	0.41	0.01	0.04	7.32	0.42	0.58	0.40	0.01	0.04
7.33	0.40	0.60	0.39	0.01	0.04	7.34	0.40	0.60	0.38	0.01	0.04
7.35	0.41	0.59	0.39	0.01	0.04	7.36	0.42	0.58	0.40	0.01	0.04
7.37	0.43	0.57	0.41	0.01	0.04	7.38	0.44	0.56	0.42	0.01	0.04
7.39	0.44	0.56	0.42	0.01	0.03	7.40	0.45	0.55	0.43	0.01	0.03
7.41	0.46	0.54	0.43	0.01	0.03	7.42	0.44	0.56	0.42	0.01	0.03
7.43	0.44	0.56	0.42	0.01	0.04	7.44	0.44	0.56	0.41	0.01	0.04
7.45	0.44	0.56	0.42	0.01	0.04	7.46	0.43	0.57	0.41	0.01	0.04
7.47	0.43	0.57	0.41	0.01	0.04	7.48	0.43	0.57	0.41	0.01	0.04
7.49	0.43	0.57	0.41	0.01	0.04	7.50	0.42	0.58	0.40	0.01	0.04
7.51	0.42	0.58	0.40	0.01	0.04	7.52	0.42	0.58	0.41	0.01	0.04
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	0.45	0.55	0.43	0.01	0.03	7.58	0.47	0.53	0.44	0.01	0.03
7.59	0.48	0.52	0.46	0.01	0.03	7.60	0.49	0.51	0.47	0.01	0.03
7.61	0.51	0.49	0.49	0.01	0.03	7.62	0.51	0.49	0.49	0.01	0.03
7.63	0.51	0.49	0.49	0.01	0.03	7.64	0.51	0.49	0.49	0.01	0.03
7.65	0.50	0.50	0.47	0.01	0.03	7.66	0.49	0.51	0.47	0.01	0.03
7.67	0.48	0.52	0.46	0.01	0.03	7.68	0.48	0.52	0.46	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.47	0.53	0.45	0.01	0.03	7.70	0.47	0.53	0.45	0.01	0.03
7.71	0.47	0.53	0.44	0.01	0.03	7.72	0.46	0.54	0.44	0.01	0.03
7.73	0.47	0.53	0.44	0.01	0.03	7.74	0.47	0.53	0.44	0.01	0.03
7.75	0.48	0.52	0.45	0.01	0.03	7.76	0.48	0.52	0.45	0.01	0.03
7.77	0.48	0.52	0.45	0.01	0.03	7.78	0.47	0.53	0.45	0.01	0.03
7.79	0.47	0.53	0.44	0.01	0.03	7.80	0.47	0.53	0.44	0.01	0.03
7.81	0.46	0.54	0.44	0.01	0.03	7.82	0.46	0.54	0.44	0.01	0.03
7.83	0.46	0.54	0.43	0.01	0.03	7.84	0.46	0.54	0.43	0.01	0.03
7.85	0.46	0.54	0.43	0.01	0.03	7.86	0.46	0.54	0.43	0.01	0.03
7.87	0.46	0.54	0.43	0.01	0.03	7.88	0.46	0.54	0.43	0.01	0.03
7.89	0.46	0.54	0.43	0.01	0.03	7.90	0.46	0.54	0.43	0.01	0.03
7.91	0.46	0.54	0.44	0.01	0.03	7.92	0.49	0.51	0.47	0.01	0.03
7.93	0.36	0.64	0.36	0.01	0.04	7.94	0.36	0.64	0.36	0.01	0.04
7.95	0.49	0.51	0.47	0.01	0.03	7.96	0.43	0.57	0.41	0.01	0.03
7.97	0.43	0.57	0.41	0.01	0.03	7.98	0.43	0.57	0.41	0.01	0.03
7.99	0.43	0.57	0.41	0.01	0.03	8.00	0.42	0.58	0.40	0.01	0.03
8.01	0.42	0.58	0.40	0.01	0.03	8.02	0.42	0.58	0.40	0.01	0.03
8.03	0.42	0.58	0.40	0.01	0.03	8.04	0.42	0.58	0.40	0.01	0.03
8.05	0.42	0.58	0.40	0.01	0.03	8.06	0.43	0.57	0.41	0.01	0.03
8.07	0.43	0.57	0.41	0.01	0.03	8.08	0.43	0.57	0.41	0.01	0.03
8.09	0.43	0.57	0.41	0.01	0.03	8.10	0.44	0.56	0.42	0.01	0.03
8.11	0.45	0.55	0.42	0.01	0.03	8.12	0.45	0.55	0.42	0.01	0.03
8.13	0.45	0.55	0.43	0.01	0.03	8.14	0.46	0.54	0.43	0.01	0.03
8.15	0.46	0.54	0.44	0.01	0.03	8.16	0.46	0.54	0.44	0.01	0.03
8.17	0.46	0.54	0.44	0.01	0.03	8.18	0.46	0.54	0.44	0.01	0.03
8.19	0.46	0.54	0.44	0.01	0.03	8.20	0.47	0.53	0.44	0.01	0.03
8.21	0.47	0.53	0.45	0.01	0.03	8.22	0.47	0.53	0.45	0.01	0.03
8.23	0.48	0.52	0.45	0.01	0.03	8.24	0.48	0.52	0.46	0.01	0.03
8.25	0.48	0.52	0.46	0.01	0.03	8.26	0.48	0.52	0.46	0.01	0.03
8.27	0.48	0.52	0.46	0.01	0.03	8.28	0.48	0.52	0.46	0.01	0.03
8.29	0.47	0.53	0.45	0.01	0.03	8.30	0.47	0.53	0.45	0.01	0.03
8.31	0.46	0.54	0.44	0.01	0.03	8.32	0.46	0.54	0.43	0.01	0.03
8.33	0.45	0.55	0.42	0.01	0.03	8.34	0.44	0.56	0.42	0.01	0.03
8.35	0.43	0.57	0.41	0.01	0.03	8.36	0.43	0.57	0.41	0.01	0.03
8.37	0.43	0.57	0.41	0.01	0.03	8.38	0.43	0.57	0.41	0.01	0.03
8.39	0.42	0.58	0.40	0.01	0.03	8.40	0.42	0.58	0.40	0.01	0.03
8.41	0.42	0.58	0.40	0.01	0.03	8.42	0.42	0.58	0.40	0.01	0.03
8.43	0.42	0.58	0.40	0.01	0.03	8.44	0.42	0.58	0.40	0.01	0.03
8.45	0.43	0.57	0.41	0.01	0.03	8.46	0.43	0.57	0.41	0.01	0.03
8.47	0.44	0.56	0.42	0.01	0.03	8.48	0.44	0.56	0.42	0.01	0.03
8.49	0.45	0.55	0.43	0.01	0.03	8.50	0.45	0.55	0.43	0.01	0.03
8.51	0.46	0.54	0.44	0.01	0.03	8.52	0.46	0.54	0.44	0.01	0.03
8.53	0.47	0.53	0.44	0.01	0.03	8.54	0.46	0.54	0.44	0.01	0.03
8.55	0.46	0.54	0.44	0.01	0.03	8.56	0.46	0.54	0.44	0.01	0.03
8.57	0.46	0.54	0.44	0.01	0.03	8.58	0.46	0.54	0.44	0.01	0.03
8.59	0.47	0.53	0.44	0.01	0.03	8.60	0.47	0.53	0.44	0.01	0.03
8.61	0.47	0.53	0.44	0.01	0.03	8.62	0.47	0.53	0.45	0.01	0.03
8.63	0.47	0.53	0.45	0.01	0.03	8.64	0.47	0.53	0.45	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	0.48	0.52	0.46	0.01	0.03	8.66	0.48	0.52	0.46	0.01	0.03
8.67	0.49	0.51	0.47	0.01	0.03	8.68	0.50	0.50	0.47	0.01	0.03
8.69	0.50	0.50	0.48	0.01	0.03	8.70	0.50	0.50	0.48	0.01	0.03
8.71	0.51	0.49	0.49	0.01	0.03	8.72	0.51	0.49	0.49	0.01	0.03
8.73	0.51	0.49	0.50	0.01	0.03	8.74	0.52	0.48	0.50	0.01	0.03
8.75	0.52	0.48	0.50	0.01	0.03	8.76	0.52	0.48	0.51	0.01	0.03
8.77	0.52	0.48	0.50	0.01	0.03	8.78	0.53	0.47	0.51	0.01	0.03
8.79	0.52	0.48	0.50	0.01	0.03	8.80	0.52	0.48	0.50	0.01	0.03
8.81	0.51	0.49	0.50	0.01	0.03	8.82	0.51	0.49	0.49	0.01	0.03
8.83	0.51	0.49	0.49	0.01	0.03	8.84	0.50	0.50	0.48	0.01	0.03
8.85	0.51	0.49	0.49	0.01	0.03	8.86	0.50	0.50	0.48	0.01	0.03
8.87	0.51	0.49	0.49	0.01	0.03	8.88	0.51	0.49	0.49	0.01	0.03
8.89	0.52	0.48	0.50	0.01	0.03	8.90	0.52	0.48	0.50	0.01	0.03
8.91	0.53	0.47	0.51	0.01	0.03	8.92	0.51	0.49	0.50	0.01	0.03
8.93	0.44	0.56	0.42	0.01	0.03	8.94	0.47	0.53	0.45	0.01	0.03
8.95	0.48	0.52	0.45	0.01	0.03	8.96	0.48	0.52	0.46	0.01	0.03
8.97	0.49	0.51	0.47	0.01	0.03	8.98	0.51	0.49	0.49	0.01	0.03
8.99	0.54	0.46	0.53	0.01	0.03	9.00	0.55	0.45	0.55	0.01	0.02
9.01	0.57	0.43	0.57	0.01	0.02	9.02	0.57	0.43	0.58	0.01	0.02
9.03	0.57	0.43	0.57	0.01	0.02	9.04	0.56	0.44	0.56	0.01	0.02
9.05	0.55	0.45	0.55	0.01	0.02	9.06	0.55	0.45	0.54	0.01	0.02
9.07	0.54	0.46	0.53	0.01	0.03	9.08	0.54	0.46	0.52	0.01	0.03
9.09	0.53	0.47	0.52	0.01	0.03	9.10	0.53	0.47	0.52	0.01	0.03
9.11	0.53	0.47	0.52	0.01	0.03	9.12	0.54	0.46	0.52	0.01	0.03
9.13	0.53	0.47	0.52	0.01	0.03	9.14	0.53	0.47	0.52	0.01	0.03
9.15	0.53	0.47	0.51	0.01	0.03	9.16	0.52	0.48	0.51	0.01	0.03
9.17	0.53	0.47	0.51	0.01	0.03	9.18	0.55	0.45	0.54	0.01	0.02
9.19	0.55	0.45	0.55	0.01	0.02	9.20	0.56	0.44	0.57	0.01	0.02
9.21	0.59	0.41	0.60	0.01	0.02	9.22	0.59	0.41	0.61	0.01	0.02
9.23	0.58	0.42	0.59	0.01	0.02	9.24	0.56	0.44	0.56	0.01	0.02
9.25	0.56	0.44	0.55	0.01	0.02	9.26	0.55	0.45	0.54	0.01	0.02
9.27	0.53	0.47	0.51	0.01	0.03	9.28	0.51	0.49	0.49	0.01	0.03
9.29	0.50	0.50	0.47	0.01	0.03	9.30	0.47	0.53	0.45	0.01	0.03
9.31	0.46	0.54	0.44	0.01	0.03	9.32	0.45	0.55	0.43	0.01	0.03
9.33	0.43	0.57	0.41	0.01	0.03	9.34	0.42	0.58	0.40	0.01	0.03
9.35	0.44	0.56	0.42	0.01	0.03	9.36	0.46	0.54	0.43	0.01	0.03
9.37	0.49	0.51	0.47	0.01	0.03	9.38	0.51	0.49	0.49	0.01	0.03
9.39	0.48	0.52	0.45	0.01	0.03	9.40	0.48	0.52	0.45	0.01	0.03
9.41	0.46	0.54	0.44	0.01	0.03	9.42	0.45	0.55	0.43	0.01	0.03
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00

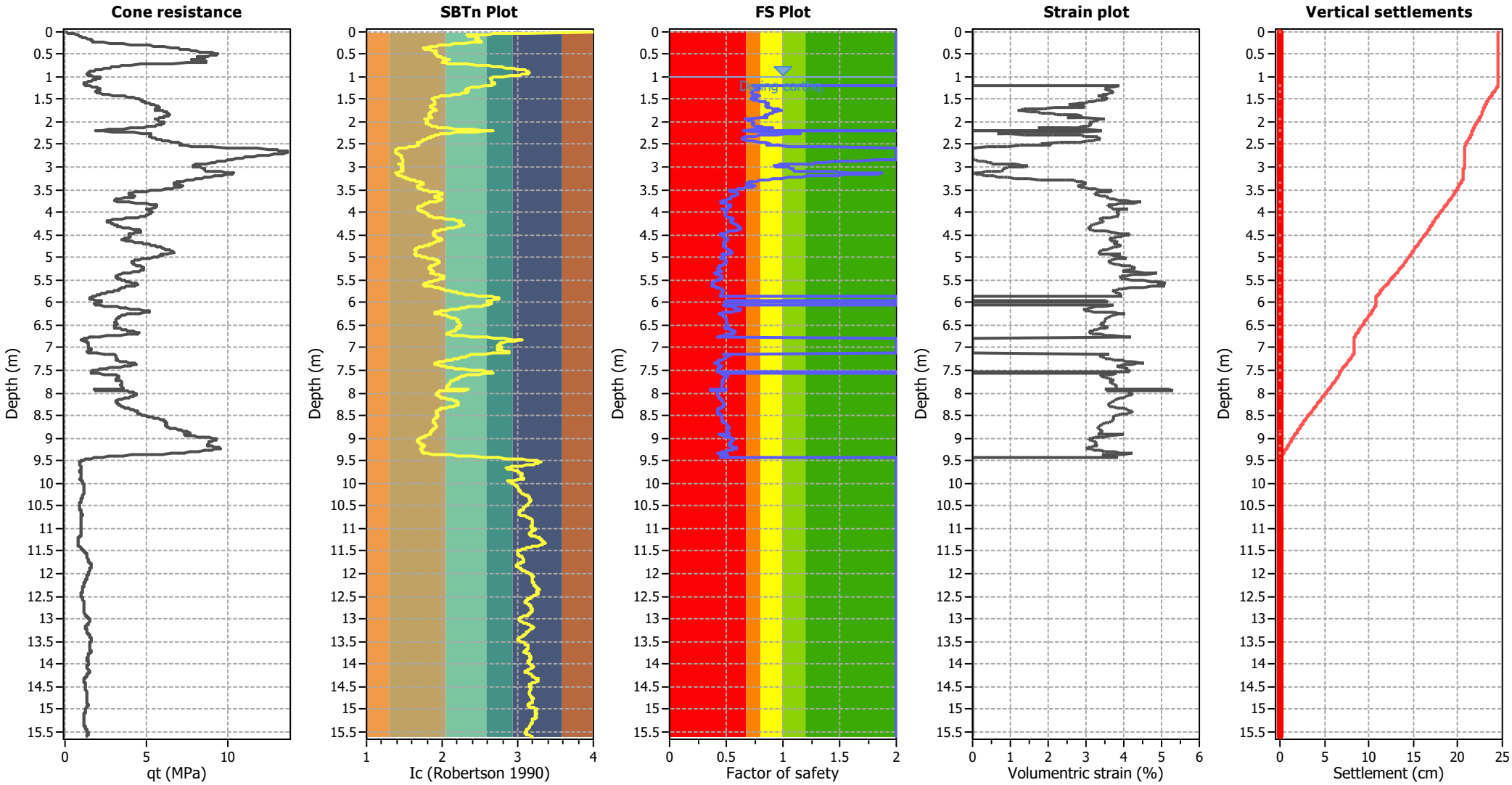
Overall liquefaction potential: 21.45

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	30.03	2.00	0.00	1.00	0.00	1.01	35.23	2.00	0.00	1.00	0.00
1.02	36.07	2.00	0.00	1.00	0.00	1.03	35.57	2.00	0.00	1.00	0.00
1.04	34.90	2.00	0.00	1.00	0.00	1.05	32.88	2.00	0.00	1.00	0.00
1.06	31.37	2.00	0.00	1.00	0.00	1.07	29.19	2.00	0.00	1.00	0.00
1.08	28.19	2.00	0.00	1.00	0.00	1.09	27.18	2.00	0.00	1.00	0.00
1.10	25.00	2.00	0.00	1.00	0.00	1.11	24.33	2.00	0.00	1.00	0.00
1.12	23.49	2.00	0.00	1.00	0.00	1.13	21.48	2.00	0.00	1.00	0.00
1.14	20.47	2.00	0.00	1.00	0.00	1.15	19.29	2.00	0.00	1.00	0.00
1.16	19.13	2.00	0.00	1.00	0.00	1.17	19.46	2.00	0.00	1.00	0.00
1.18	20.47	2.00	0.00	1.00	0.00	1.19	21.14	2.00	0.00	1.00	0.00
1.20	21.98	2.00	0.00	1.00	0.00	1.21	82.81	0.73	3.88	1.00	0.04
1.22	87.21	0.76	3.69	1.00	0.04	1.23	88.57	0.77	3.63	1.00	0.04
1.24	89.68	0.78	3.59	1.00	0.04	1.25	91.52	0.79	3.51	1.00	0.04
1.26	91.81	0.79	3.50	1.00	0.04	1.27	91.91	0.79	3.50	1.00	0.03
1.28	91.32	0.78	3.52	1.00	0.04	1.29	90.80	0.77	3.54	1.00	0.04
1.30	89.34	0.76	3.60	1.00	0.04	1.31	88.73	0.75	3.62	1.00	0.04
1.32	87.12	0.73	3.69	1.00	0.04	1.33	86.98	0.73	3.70	1.00	0.04
1.34	86.53	0.73	3.71	1.00	0.04	1.35	86.97	0.73	3.70	1.00	0.04
1.36	86.85	0.72	3.70	1.00	0.04	1.37	89.11	0.74	3.61	1.00	0.04
1.38	89.44	0.74	3.60	1.00	0.04	1.39	92.80	0.76	3.47	1.00	0.03
1.40	93.71	0.77	3.43	1.00	0.03	1.41	93.92	0.77	3.42	1.00	0.03
1.42	97.60	0.80	3.29	1.00	0.03	1.43	95.92	0.78	3.35	1.00	0.03
1.44	94.62	0.76	3.40	1.00	0.03	1.45	95.14	0.77	3.38	1.00	0.03
1.46	91.58	0.73	3.51	1.00	0.04	1.47	91.80	0.73	3.50	1.00	0.04
1.48	89.59	0.72	3.59	1.00	0.04	1.49	90.58	0.72	3.55	1.00	0.04
1.50	91.27	0.72	3.52	1.00	0.04	1.51	93.30	0.74	3.45	1.00	0.03
1.52	95.30	0.75	3.37	1.00	0.03	1.53	97.74	0.77	3.29	1.00	0.03
1.54	100.95	0.80	3.18	1.00	0.03	1.55	103.11	0.82	3.11	1.00	0.03
1.56	105.58	0.84	3.04	1.00	0.03	1.57	106.48	0.85	3.01	1.00	0.03
1.58	107.06	0.85	3.00	1.00	0.03	1.59	108.38	0.87	2.80	1.00	0.03
1.60	108.24	0.86	2.91	1.00	0.03	1.61	109.42	0.87	2.55	1.00	0.03
1.62	108.65	0.86	2.85	1.00	0.03	1.63	109.45	0.87	2.61	1.00	0.03
1.64	108.25	0.85	2.96	1.00	0.03	1.65	108.85	0.86	2.91	1.00	0.03
1.66	108.19	0.85	2.96	1.00	0.03	1.67	108.84	0.85	2.94	1.00	0.03
1.68	109.67	0.86	2.74	1.00	0.03	1.69	112.01	0.89	2.14	1.00	0.02
1.70	113.54	0.91	1.88	1.00	0.02	1.71	116.79	0.95	1.46	1.00	0.01
1.72	117.88	0.96	1.36	1.00	0.01	1.73	118.98	0.98	1.27	1.00	0.01
1.74	119.94	0.99	1.20	1.00	0.01	1.75	118.36	0.97	1.34	1.00	0.01
1.76	119.05	0.97	1.29	1.00	0.01	1.77	116.97	0.94	1.51	1.00	0.02
1.78	116.72	0.93	1.55	1.00	0.02	1.79	115.39	0.91	1.74	1.00	0.02
1.80	115.12	0.91	1.80	1.00	0.02	1.81	114.16	0.89	1.98	1.00	0.02
1.82	113.48	0.88	2.13	1.00	0.02	1.83	113.11	0.88	2.23	1.00	0.02
1.84	112.54	0.87	2.40	1.00	0.02	1.85	111.37	0.85	2.77	1.00	0.03
1.86	110.94	0.85	2.89	1.00	0.03	1.87	111.05	0.84	2.88	1.00	0.03
1.88	110.73	0.84	2.89	1.00	0.03	1.89	112.17	0.86	2.64	1.00	0.03
1.90	111.92	0.85	2.75	1.00	0.03	1.91	112.84	0.86	2.49	1.00	0.02
1.92	107.87	0.80	2.97	1.00	0.03	1.93	92.36	0.66	3.48	1.00	0.03
1.94	94.83	0.68	3.39	1.00	0.03	1.95	95.88	0.69	3.35	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	97.08	0.70	3.31	1.00	0.03	1.97	97.99	0.70	3.28	1.00	0.03
1.98	99.35	0.71	3.23	1.00	0.03	1.99	100.99	0.73	3.18	1.00	0.03
2.00	101.35	0.73	3.17	1.00	0.03	2.01	103.84	0.75	3.09	1.00	0.03
2.02	103.48	0.74	3.10	1.00	0.03	2.03	103.37	0.74	3.11	1.00	0.03
2.04	102.92	0.74	3.12	1.00	0.03	2.05	103.18	0.74	3.11	1.00	0.03
2.06	102.21	0.73	3.14	1.00	0.03	2.07	103.01	0.73	3.12	1.00	0.03
2.08	103.41	0.74	3.10	1.00	0.03	2.09	106.20	0.76	3.02	1.00	0.03
2.10	106.77	0.77	3.00	1.00	0.03	2.11	110.91	0.81	2.89	1.00	0.03
2.12	113.52	0.84	2.81	1.00	0.03	2.13	118.65	0.90	1.71	1.00	0.02
2.14	114.45	0.85	2.56	1.00	0.03	2.15	114.34	0.84	2.62	1.00	0.03
2.16	110.29	0.80	2.90	1.00	0.03	2.17	105.93	0.75	3.03	1.00	0.03
2.18	95.16	0.66	3.38	1.00	0.03	2.19	31.71	2.00	0.00	1.00	0.00
2.20	30.03	2.00	0.00	1.00	0.00	2.21	94.26	0.65	3.41	1.00	0.03
2.22	112.97	0.82	2.83	1.00	0.03	2.23	122.41	0.95	1.36	1.00	0.01
2.24	129.50	1.08	0.86	1.00	0.01	2.25	130.78	1.10	0.79	1.00	0.01
2.26	133.41	1.16	0.67	1.00	0.01	2.27	127.27	1.03	1.00	1.00	0.01
2.28	122.67	0.95	1.37	1.00	0.01	2.29	117.36	0.87	2.11	1.00	0.02
2.30	111.41	0.79	2.87	1.00	0.03	2.31	107.72	0.75	2.98	1.00	0.03
2.32	103.07	0.71	3.12	1.00	0.03	2.33	100.04	0.68	3.21	1.00	0.03
2.34	97.70	0.66	3.29	1.00	0.03	2.35	97.58	0.66	3.29	1.00	0.03
2.36	95.74	0.65	3.36	1.00	0.03	2.37	96.05	0.65	3.35	1.00	0.03
2.38	95.44	0.64	3.37	1.00	0.03	2.39	96.25	0.65	3.34	1.00	0.03
2.40	98.83	0.67	3.25	1.00	0.03	2.41	100.83	0.68	3.19	1.00	0.03
2.42	103.18	0.70	3.11	1.00	0.03	2.43	106.20	0.73	3.02	1.00	0.03
2.44	112.41	0.79	2.85	1.00	0.03	2.45	115.09	0.82	2.78	1.00	0.03
2.46	117.44	0.85	2.30	1.00	0.02	2.47	119.96	0.88	1.84	1.00	0.02
2.48	120.13	0.88	1.82	1.00	0.02	2.49	119.79	0.88	1.88	1.00	0.02
2.50	118.79	0.86	2.07	1.00	0.02	2.51	118.79	0.86	2.08	1.00	0.02
2.52	119.46	0.87	1.96	1.00	0.02	2.53	124.99	0.96	1.29	1.00	0.01
2.54	129.98	1.05	0.93	1.00	0.01	2.55	135.82	1.18	0.64	1.00	0.01
2.56	142.62	1.37	0.38	1.00	0.00	2.57	158.36	2.00	0.00	1.00	0.00
2.58	167.22	2.00	0.00	1.00	0.00	2.59	182.47	2.00	0.00	1.00	0.00
2.60	187.50	2.00	0.00	1.00	0.00	2.61	190.90	2.00	0.00	1.00	0.00
2.62	192.23	2.00	0.00	1.00	0.00	2.63	194.24	2.00	0.00	1.00	0.00
2.64	195.45	2.00	0.00	1.00	0.00	2.65	198.11	2.00	0.00	1.00	0.00
2.66	199.09	2.00	0.00	1.00	0.00	2.67	199.28	2.00	0.00	1.00	0.00
2.68	199.14	2.00	0.00	1.00	0.00	2.69	198.11	2.00	0.00	1.00	0.00
2.70	196.29	2.00	0.00	1.00	0.00	2.71	194.14	2.00	0.00	1.00	0.00
2.72	188.01	2.00	0.00	1.00	0.00	2.73	184.57	2.00	0.00	1.00	0.00
2.74	181.57	2.00	0.00	1.00	0.00	2.75	177.41	2.00	0.00	1.00	0.00
2.76	175.30	2.00	0.00	1.00	0.00	2.77	171.68	2.00	0.00	1.00	0.00
2.78	169.67	2.00	0.00	1.00	0.00	2.79	167.47	2.00	0.00	1.00	0.00
2.80	166.07	2.00	0.00	1.00	0.00	2.81	162.44	2.00	0.00	1.00	0.00
2.82	160.09	2.00	0.00	1.00	0.00	2.83	157.73	2.00	0.00	1.00	0.00
2.84	155.71	1.91	0.04	1.00	0.00	2.85	154.29	1.83	0.08	1.00	0.00
2.86	150.82	1.65	0.17	1.00	0.00	2.87	148.90	1.57	0.22	1.00	0.00
2.88	146.62	1.47	0.29	1.00	0.00	2.89	142.85	1.34	0.42	1.00	0.00
2.90	141.03	1.28	0.49	1.00	0.00	2.91	140.92	1.28	0.49	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	140.82	1.27	0.50	1.00	0.00	2.93	129.15	0.99	1.09	1.00	0.01
2.94	130.32	1.02	1.01	1.00	0.01	2.95	128.21	0.98	1.17	1.00	0.01
2.96	126.73	0.95	1.30	1.00	0.01	2.97	125.74	0.93	1.39	1.00	0.01
2.98	125.27	0.92	1.45	1.00	0.01	2.99	126.06	0.93	1.37	1.00	0.01
3.00	127.61	0.96	1.23	1.00	0.01	3.01	132.16	1.05	0.92	1.00	0.01
3.02	133.05	1.07	0.87	1.00	0.01	3.03	134.20	1.09	0.81	1.00	0.01
3.04	134.47	1.09	0.79	1.00	0.01	3.05	134.12	1.09	0.81	1.00	0.01
3.06	134.27	1.09	0.81	1.00	0.01	3.07	134.16	1.09	0.82	1.00	0.01
3.08	134.80	1.10	0.78	1.00	0.01	3.09	135.93	1.12	0.73	1.00	0.01
3.10	141.70	1.28	0.49	1.00	0.00	3.11	145.58	1.41	0.35	1.00	0.00
3.12	149.78	1.57	0.22	1.00	0.00	3.13	155.59	1.85	0.06	1.00	0.00
3.14	155.96	1.87	0.05	1.00	0.00	3.15	155.27	1.83	0.07	1.00	0.00
3.16	151.87	1.66	0.16	1.00	0.00	3.17	149.75	1.56	0.23	1.00	0.00
3.18	147.63	1.48	0.29	1.00	0.00	3.19	142.73	1.30	0.46	1.00	0.00
3.20	140.09	1.22	0.56	1.00	0.01	3.21	137.81	1.16	0.66	1.00	0.01
3.22	135.02	1.09	0.80	1.00	0.01	3.23	133.94	1.07	0.86	1.00	0.01
3.24	133.11	1.05	0.91	1.00	0.01	3.25	129.92	0.98	1.12	1.00	0.01
3.26	127.84	0.95	1.29	1.00	0.01	3.27	125.87	0.91	1.49	1.00	0.01
3.28	123.77	0.88	1.75	1.00	0.02	3.29	120.02	0.82	2.46	1.00	0.02
3.30	118.27	0.80	2.70	1.00	0.03	3.31	116.14	0.77	2.75	1.00	0.03
3.32	111.88	0.73	2.86	1.00	0.03	3.33	110.20	0.71	2.91	1.00	0.03
3.34	108.78	0.69	2.95	1.00	0.03	3.35	107.36	0.68	2.99	1.00	0.03
3.36	107.27	0.68	2.99	1.00	0.03	3.37	107.57	0.68	2.98	1.00	0.03
3.38	108.00	0.69	2.97	1.00	0.03	3.39	110.28	0.71	2.90	1.00	0.03
3.40	111.49	0.72	2.87	1.00	0.03	3.41	114.40	0.75	2.79	1.00	0.03
3.42	114.95	0.76	2.78	1.00	0.03	3.43	114.46	0.75	2.79	1.00	0.03
3.44	112.68	0.73	2.84	1.00	0.03	3.45	108.53	0.69	2.95	1.00	0.03
3.46	106.86	0.67	3.00	1.00	0.03	3.47	105.32	0.66	3.05	1.00	0.03
3.48	103.38	0.64	3.11	1.00	0.03	3.49	98.66	0.61	3.26	1.00	0.03
3.50	96.04	0.59	3.35	1.00	0.03	3.51	92.72	0.57	3.47	1.00	0.03
3.52	87.03	0.53	3.69	1.00	0.04	3.53	87.96	0.54	3.65	1.00	0.04
3.54	91.00	0.55	3.53	1.00	0.04	3.55	92.81	0.56	3.46	1.00	0.03
3.56	96.72	0.59	3.32	1.00	0.03	3.57	98.77	0.60	3.25	1.00	0.03
3.58	98.70	0.60	3.26	1.00	0.03	3.59	99.46	0.61	3.23	1.00	0.03
3.60	99.28	0.61	3.24	1.00	0.03	3.61	97.60	0.60	3.29	1.00	0.03
3.62	97.20	0.59	3.31	1.00	0.03	3.63	94.55	0.57	3.40	1.00	0.03
3.64	92.62	0.56	3.47	1.00	0.03	3.65	90.95	0.55	3.54	1.00	0.04
3.66	89.69	0.54	3.59	1.00	0.04	3.67	89.59	0.54	3.59	1.00	0.04
3.68	90.42	0.54	3.56	1.00	0.04	3.69	88.54	0.53	3.63	1.00	0.04
3.70	88.83	0.53	3.62	1.00	0.04	3.71	88.40	0.53	3.64	1.00	0.04
3.72	85.03	0.51	3.78	1.00	0.04	3.73	83.15	0.50	3.86	1.00	0.04
3.74	80.00	0.49	4.01	1.00	0.04	3.75	78.56	0.48	4.08	1.00	0.04
3.76	76.18	0.47	4.20	1.00	0.04	3.77	71.59	0.45	4.45	1.00	0.04
3.78	73.63	0.45	4.34	1.00	0.04	3.79	74.31	0.46	4.30	1.00	0.04
3.80	77.07	0.47	4.16	1.00	0.04	3.81	82.74	0.50	3.88	1.00	0.04
3.82	85.19	0.51	3.77	1.00	0.04	3.83	87.26	0.52	3.68	1.00	0.04
3.84	88.66	0.53	3.63	1.00	0.04	3.85	90.06	0.54	3.57	1.00	0.04
3.86	89.72	0.53	3.58	1.00	0.04	3.87	89.38	0.53	3.60	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	89.05	0.53	3.61	1.00	0.04	3.89	88.04	0.52	3.65	1.00	0.04
3.90	87.31	0.52	3.68	1.00	0.04	3.91	87.24	0.52	3.68	1.00	0.04
3.92	87.18	0.52	3.69	1.00	0.04	3.93	77.50	0.47	4.13	1.00	0.04
3.94	82.48	0.49	3.89	1.00	0.04	3.95	82.82	0.49	3.88	1.00	0.04
3.96	83.03	0.49	3.87	1.00	0.04	3.97	83.50	0.50	3.85	1.00	0.04
3.98	83.98	0.50	3.82	1.00	0.04	3.99	84.31	0.50	3.81	1.00	0.04
4.00	84.79	0.50	3.79	1.00	0.04	4.01	84.38	0.50	3.81	1.00	0.04
4.02	83.89	0.50	3.83	1.00	0.04	4.03	83.93	0.50	3.83	1.00	0.04
4.04	83.81	0.50	3.83	1.00	0.04	4.05	83.04	0.49	3.87	1.00	0.04
4.06	83.24	0.49	3.86	1.00	0.04	4.07	83.39	0.49	3.85	1.00	0.04
4.08	83.80	0.49	3.83	1.00	0.04	4.09	83.92	0.49	3.83	1.00	0.04
4.10	85.21	0.50	3.77	1.00	0.04	4.11	87.96	0.52	3.65	1.00	0.04
4.12	88.86	0.52	3.62	1.00	0.04	4.13	92.05	0.54	3.49	1.00	0.03
4.14	93.52	0.55	3.44	1.00	0.03	4.15	96.00	0.56	3.35	1.00	0.03
4.16	93.77	0.55	3.43	1.00	0.03	4.17	94.37	0.55	3.41	1.00	0.03
4.18	93.80	0.55	3.43	1.00	0.03	4.19	93.60	0.55	3.44	1.00	0.03
4.20	92.78	0.54	3.47	1.00	0.03	4.21	93.39	0.54	3.44	1.00	0.03
4.22	94.39	0.55	3.41	1.00	0.03	4.23	95.24	0.56	3.38	1.00	0.03
4.24	96.89	0.57	3.32	1.00	0.03	4.25	97.76	0.57	3.29	1.00	0.03
4.26	99.03	0.58	3.25	1.00	0.03	4.27	100.36	0.59	3.20	1.00	0.03
4.28	102.07	0.60	3.15	1.00	0.03	4.29	102.55	0.61	3.13	1.00	0.03
4.30	102.88	0.61	3.12	1.00	0.03	4.31	102.76	0.61	3.12	1.00	0.03
4.32	102.74	0.61	3.13	1.00	0.03	4.33	103.12	0.61	3.11	1.00	0.03
4.34	103.08	0.61	3.11	1.00	0.03	4.35	104.98	0.62	3.06	1.00	0.03
4.36	104.59	0.62	3.07	1.00	0.03	4.37	103.56	0.61	3.10	1.00	0.03
4.38	104.89	0.62	3.06	1.00	0.03	4.39	102.32	0.60	3.14	1.00	0.03
4.40	100.26	0.59	3.20	1.00	0.03	4.41	95.85	0.56	3.35	1.00	0.03
4.42	90.68	0.52	3.55	1.00	0.04	4.43	87.19	0.50	3.69	1.00	0.04
4.44	88.32	0.51	3.64	1.00	0.04	4.45	87.20	0.50	3.69	1.00	0.04
4.46	86.06	0.50	3.73	1.00	0.04	4.47	83.06	0.48	3.87	1.00	0.04
4.48	79.97	0.47	4.01	1.00	0.04	4.49	77.00	0.45	4.16	1.00	0.04
4.50	76.83	0.45	4.17	1.00	0.04	4.51	78.08	0.46	4.10	1.00	0.04
4.52	80.05	0.47	4.01	1.00	0.04	4.53	81.39	0.47	3.94	1.00	0.04
4.54	82.61	0.48	3.89	1.00	0.04	4.55	84.45	0.49	3.80	1.00	0.04
4.56	85.94	0.49	3.74	1.00	0.04	4.57	87.64	0.50	3.67	1.00	0.04
4.58	88.37	0.51	3.64	1.00	0.04	4.59	89.26	0.51	3.60	1.00	0.04
4.60	88.19	0.50	3.65	1.00	0.04	4.61	88.64	0.51	3.63	1.00	0.04
4.62	87.51	0.50	3.67	1.00	0.04	4.63	87.89	0.50	3.66	1.00	0.04
4.64	85.97	0.49	3.74	1.00	0.04	4.65	84.63	0.48	3.80	1.00	0.04
4.66	83.72	0.48	3.84	1.00	0.04	4.67	85.72	0.49	3.75	1.00	0.04
4.68	86.13	0.49	3.73	1.00	0.04	4.69	85.62	0.49	3.75	1.00	0.04
4.70	85.78	0.49	3.75	1.00	0.04	4.71	83.21	0.48	3.86	1.00	0.04
4.72	82.44	0.47	3.89	1.00	0.04	4.73	81.89	0.47	3.92	1.00	0.04
4.74	82.21	0.47	3.90	1.00	0.04	4.75	81.69	0.47	3.93	1.00	0.04
4.76	83.92	0.48	3.83	1.00	0.04	4.77	85.27	0.49	3.77	1.00	0.04
4.78	86.35	0.49	3.72	1.00	0.04	4.79	87.82	0.50	3.66	1.00	0.04
4.80	88.40	0.50	3.64	1.00	0.04	4.81	89.22	0.51	3.60	1.00	0.04
4.82	89.92	0.51	3.58	1.00	0.04	4.83	90.99	0.52	3.53	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	93.44	0.53	3.44	1.00	0.03	4.85	94.50	0.54	3.40	1.00	0.03
4.86	95.31	0.54	3.37	1.00	0.03	4.87	95.85	0.54	3.35	1.00	0.03
4.88	96.15	0.55	3.34	1.00	0.03	4.89	96.09	0.54	3.35	1.00	0.03
4.90	95.78	0.54	3.36	1.00	0.03	4.91	95.72	0.54	3.36	1.00	0.03
4.92	95.66	0.54	3.36	1.00	0.03	4.93	81.92	0.47	3.92	1.00	0.04
4.94	88.07	0.50	3.65	1.00	0.04	4.95	87.26	0.49	3.68	1.00	0.04
4.96	86.44	0.49	3.72	1.00	0.04	4.97	84.62	0.48	3.80	1.00	0.04
4.98	83.42	0.47	3.85	1.00	0.04	4.99	82.22	0.47	3.90	1.00	0.04
5.00	80.76	0.46	3.97	1.00	0.04	5.01	78.28	0.45	4.09	1.00	0.04
5.02	81.49	0.46	3.94	1.00	0.04	5.03	84.01	0.47	3.82	1.00	0.04
5.04	84.70	0.48	3.79	1.00	0.04	5.05	86.63	0.49	3.71	1.00	0.04
5.06	88.44	0.50	3.64	1.00	0.04	5.07	88.20	0.50	3.65	1.00	0.04
5.08	89.30	0.50	3.60	1.00	0.04	5.09	89.65	0.50	3.59	1.00	0.04
5.10	89.10	0.50	3.61	1.00	0.04	5.11	88.78	0.50	3.62	1.00	0.04
5.12	88.23	0.49	3.64	1.00	0.04	5.13	87.09	0.49	3.69	1.00	0.04
5.14	85.98	0.48	3.74	1.00	0.04	5.15	84.44	0.47	3.80	1.00	0.04
5.16	83.18	0.47	3.86	1.00	0.04	5.17	80.96	0.46	3.96	1.00	0.04
5.18	79.73	0.45	4.02	1.00	0.04	5.19	77.88	0.44	4.11	1.00	0.04
5.20	76.52	0.44	4.18	1.00	0.04	5.21	75.80	0.43	4.22	1.00	0.04
5.22	74.73	0.43	4.28	1.00	0.04	5.23	74.55	0.43	4.29	1.00	0.04
5.24	74.49	0.43	4.29	1.00	0.04	5.25	75.49	0.43	4.24	1.00	0.04
5.26	76.14	0.44	4.20	1.00	0.04	5.27	77.12	0.44	4.15	1.00	0.04
5.28	78.63	0.45	4.08	1.00	0.04	5.29	79.36	0.45	4.04	1.00	0.04
5.30	80.97	0.46	3.96	1.00	0.04	5.31	80.05	0.45	4.01	1.00	0.04
5.32	74.53	0.43	4.29	1.00	0.04	5.33	69.93	0.41	4.55	1.00	0.05
5.34	65.87	0.40	4.81	1.00	0.05	5.35	64.97	0.39	4.87	1.00	0.05
5.36	65.17	0.39	4.86	1.00	0.05	5.37	68.86	0.41	4.62	1.00	0.05
5.38	72.78	0.42	4.39	1.00	0.04	5.39	75.55	0.43	4.23	1.00	0.04
5.40	78.44	0.44	4.09	1.00	0.04	5.41	80.34	0.45	3.99	1.00	0.04
5.42	81.52	0.46	3.94	1.00	0.04	5.43	82.25	0.46	3.90	1.00	0.04
5.44	82.12	0.46	3.91	1.00	0.04	5.45	81.72	0.46	3.93	1.00	0.04
5.46	81.61	0.46	3.93	1.00	0.04	5.47	81.21	0.45	3.95	1.00	0.04
5.48	80.37	0.45	3.99	1.00	0.04	5.49	78.36	0.44	4.09	1.00	0.04
5.50	76.50	0.43	4.18	1.00	0.04	5.51	73.45	0.42	4.35	1.00	0.04
5.52	69.99	0.41	4.55	1.00	0.05	5.53	67.90	0.40	4.68	1.00	0.05
5.54	64.96	0.39	4.87	1.00	0.05	5.55	63.60	0.38	4.97	1.00	0.05
5.56	61.49	0.38	5.12	1.00	0.05	5.57	62.90	0.38	5.02	1.00	0.05
5.58	63.84	0.39	4.95	1.00	0.05	5.59	64.68	0.39	4.89	1.00	0.05
5.60	64.51	0.39	4.90	1.00	0.05	5.61	63.58	0.38	4.97	1.00	0.05
5.62	62.24	0.38	5.07	1.00	0.05	5.63	61.89	0.38	5.09	1.00	0.05
5.64	61.97	0.38	5.09	1.00	0.05	5.65	66.94	0.40	4.74	1.00	0.05
5.66	70.30	0.41	4.53	1.00	0.05	5.67	74.57	0.42	4.29	1.00	0.04
5.68	77.29	0.43	4.14	1.00	0.04	5.69	79.96	0.45	4.01	1.00	0.04
5.70	81.54	0.45	3.94	1.00	0.04	5.71	83.36	0.46	3.85	1.00	0.04
5.72	84.37	0.47	3.81	1.00	0.04	5.73	85.90	0.47	3.74	1.00	0.04
5.74	87.23	0.48	3.69	1.00	0.04	5.75	85.58	0.47	3.75	1.00	0.04
5.76	85.66	0.47	3.75	1.00	0.04	5.77	85.61	0.47	3.75	1.00	0.04
5.78	83.74	0.46	3.84	1.00	0.04	5.79	83.34	0.46	3.85	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	82.78	0.46	3.88	1.00	0.04	5.81	82.66	0.46	3.88	1.00	0.04
5.82	81.64	0.45	3.93	1.00	0.04	5.83	82.26	0.45	3.90	1.00	0.04
5.84	82.12	0.45	3.91	1.00	0.04	5.85	81.81	0.45	3.92	1.00	0.04
5.86	81.18	0.45	3.95	1.00	0.04	5.87	22.30	2.00	0.00	1.00	0.00
5.88	21.73	2.00	0.00	1.00	0.00	5.89	21.18	2.00	0.00	1.00	0.00
5.90	20.89	2.00	0.00	1.00	0.00	5.91	20.88	2.00	0.00	1.00	0.00
5.92	20.86	2.00	0.00	1.00	0.00	5.93	21.77	2.00	0.00	1.00	0.00
5.94	23.47	2.00	0.00	1.00	0.00	5.95	25.42	2.00	0.00	1.00	0.00
5.96	28.12	2.00	0.00	1.00	0.00	5.97	90.51	0.49	3.55	1.00	0.04
5.98	89.81	0.49	3.58	1.00	0.04	5.99	29.22	2.00	0.00	1.00	0.00
6.00	28.17	2.00	0.00	1.00	0.00	6.01	25.96	2.00	0.00	1.00	0.00
6.02	24.64	2.00	0.00	1.00	0.00	6.03	24.63	2.00	0.00	1.00	0.00
6.04	25.91	2.00	0.00	1.00	0.00	6.05	26.79	2.00	0.00	1.00	0.00
6.06	86.05	0.47	3.73	1.00	0.04	6.07	91.80	0.50	3.50	1.00	0.04
6.08	93.95	0.51	3.42	1.00	0.03	6.09	97.12	0.53	3.31	1.00	0.03
6.10	98.76	0.54	3.25	1.00	0.03	6.11	103.01	0.57	3.12	1.00	0.03
6.12	104.14	0.58	3.08	1.00	0.03	6.13	105.78	0.59	3.03	1.00	0.03
6.14	106.14	0.60	3.02	1.00	0.03	6.15	109.38	0.62	2.93	1.00	0.03
6.16	108.09	0.61	2.97	1.00	0.03	6.17	108.64	0.62	2.95	1.00	0.03
6.18	105.40	0.59	3.04	1.00	0.03	6.19	103.16	0.57	3.11	1.00	0.03
6.20	100.10	0.55	3.21	1.00	0.03	6.21	93.45	0.51	3.44	1.00	0.03
6.22	86.29	0.47	3.72	1.00	0.04	6.23	82.27	0.45	3.90	1.00	0.04
6.24	79.10	0.44	4.05	1.00	0.04	6.25	81.50	0.45	3.94	1.00	0.04
6.26	83.63	0.46	3.84	1.00	0.04	6.27	85.69	0.47	3.75	1.00	0.04
6.28	86.01	0.47	3.74	1.00	0.04	6.29	87.43	0.48	3.68	1.00	0.04
6.30	87.72	0.48	3.66	1.00	0.04	6.31	88.62	0.48	3.63	1.00	0.04
6.32	89.09	0.48	3.61	1.00	0.04	6.33	89.93	0.49	3.58	1.00	0.04
6.34	90.90	0.49	3.54	1.00	0.04	6.35	91.31	0.50	3.52	1.00	0.04
6.36	92.20	0.50	3.49	1.00	0.03	6.37	92.25	0.50	3.49	1.00	0.03
6.38	92.08	0.50	3.49	1.00	0.03	6.39	92.15	0.50	3.49	1.00	0.03
6.40	91.90	0.50	3.50	1.00	0.03	6.41	91.77	0.50	3.50	1.00	0.04
6.42	92.10	0.50	3.49	1.00	0.03	6.43	91.80	0.50	3.50	1.00	0.04
6.44	92.64	0.50	3.47	1.00	0.03	6.45	93.13	0.51	3.45	1.00	0.03
6.46	94.67	0.51	3.40	1.00	0.03	6.47	94.79	0.52	3.39	1.00	0.03
6.48	94.84	0.52	3.39	1.00	0.03	6.49	94.55	0.51	3.40	1.00	0.03
6.50	93.17	0.51	3.45	1.00	0.03	6.51	92.32	0.50	3.48	1.00	0.03
6.52	91.51	0.50	3.51	1.00	0.04	6.53	90.72	0.49	3.54	1.00	0.04
6.54	89.91	0.49	3.58	1.00	0.04	6.55	90.29	0.49	3.56	1.00	0.04
6.56	90.40	0.49	3.56	1.00	0.04	6.57	93.67	0.51	3.43	1.00	0.03
6.58	95.71	0.52	3.36	1.00	0.03	6.59	97.03	0.53	3.31	1.00	0.03
6.60	98.00	0.53	3.28	1.00	0.03	6.61	100.14	0.55	3.21	1.00	0.03
6.62	100.88	0.55	3.18	1.00	0.03	6.63	101.16	0.55	3.18	1.00	0.03
6.64	103.98	0.58	3.09	1.00	0.03	6.65	103.61	0.57	3.10	1.00	0.03
6.66	103.77	0.57	3.09	1.00	0.03	6.67	102.79	0.57	3.12	1.00	0.03
6.68	101.94	0.56	3.15	1.00	0.03	6.69	100.24	0.55	3.21	1.00	0.03
6.70	99.04	0.54	3.24	1.00	0.03	6.71	94.05	0.51	3.42	1.00	0.03
6.72	92.28	0.50	3.48	1.00	0.03	6.73	89.49	0.48	3.59	1.00	0.04
6.74	86.93	0.47	3.70	1.00	0.04	6.75	79.59	0.44	4.03	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	78.02	0.43	4.11	1.00	0.04	6.77	76.34	0.42	4.19	1.00	0.04
6.78	16.64	2.00	0.00	1.00	0.00	6.79	15.86	2.00	0.00	1.00	0.00
6.80	15.46	2.00	0.00	1.00	0.00	6.81	15.05	2.00	0.00	1.00	0.00
6.82	12.50	2.00	0.00	1.00	0.00	6.83	12.62	2.00	0.00	1.00	0.00
6.84	14.01	2.00	0.00	1.00	0.00	6.85	14.76	2.00	0.00	1.00	0.00
6.86	15.89	2.00	0.00	1.00	0.00	6.87	17.01	2.00	0.00	1.00	0.00
6.88	17.89	2.00	0.00	1.00	0.00	6.89	18.88	2.00	0.00	1.00	0.00
6.90	18.99	2.00	0.00	1.00	0.00	6.91	18.98	2.00	0.00	1.00	0.00
6.92	18.97	2.00	0.00	1.00	0.00	6.93	18.84	2.00	0.00	1.00	0.00
6.94	19.07	2.00	0.00	1.00	0.00	6.95	18.93	2.00	0.00	1.00	0.00
6.96	18.80	2.00	0.00	1.00	0.00	6.97	18.66	2.00	0.00	1.00	0.00
6.98	18.52	2.00	0.00	1.00	0.00	6.99	17.89	2.00	0.00	1.00	0.00
7.00	17.88	2.00	0.00	1.00	0.00	7.01	18.49	2.00	0.00	1.00	0.00
7.02	19.10	2.00	0.00	1.00	0.00	7.03	20.32	2.00	0.00	1.00	0.00
7.04	20.80	2.00	0.00	1.00	0.00	7.05	21.15	2.00	0.00	1.00	0.00
7.06	20.39	2.00	0.00	1.00	0.00	7.07	19.51	2.00	0.00	1.00	0.00
7.08	18.38	2.00	0.00	1.00	0.00	7.09	17.01	2.00	0.00	1.00	0.00
7.10	17.49	2.00	0.00	1.00	0.00	7.11	20.08	2.00	0.00	1.00	0.00
7.12	24.96	2.00	0.00	1.00	0.00	7.13	88.46	0.48	3.63	1.00	0.04
7.14	94.72	0.51	3.39	1.00	0.03	7.15	95.11	0.51	3.38	1.00	0.03
7.16	95.48	0.52	3.37	1.00	0.03	7.17	96.22	0.52	3.34	1.00	0.03
7.18	95.91	0.52	3.35	1.00	0.03	7.19	95.32	0.51	3.37	1.00	0.03
7.20	93.66	0.51	3.43	1.00	0.03	7.21	93.28	0.50	3.45	1.00	0.03
7.22	92.26	0.50	3.49	1.00	0.03	7.23	91.41	0.49	3.52	1.00	0.04
7.24	89.85	0.48	3.58	1.00	0.04	7.25	87.75	0.47	3.66	1.00	0.04
7.26	86.40	0.47	3.72	1.00	0.04	7.27	84.27	0.46	3.81	1.00	0.04
7.28	82.12	0.45	3.91	1.00	0.04	7.29	80.31	0.44	3.99	1.00	0.04
7.30	79.04	0.43	4.06	1.00	0.04	7.31	79.24	0.43	4.05	1.00	0.04
7.32	75.32	0.42	4.25	1.00	0.04	7.33	71.72	0.40	4.45	1.00	0.04
7.34	70.22	0.40	4.54	1.00	0.05	7.35	73.39	0.41	4.35	1.00	0.04
7.36	75.52	0.42	4.24	1.00	0.04	7.37	78.15	0.43	4.10	1.00	0.04
7.38	80.86	0.44	3.97	1.00	0.04	7.39	81.76	0.44	3.93	1.00	0.04
7.40	83.64	0.45	3.84	1.00	0.04	7.41	84.52	0.46	3.80	1.00	0.04
7.42	81.68	0.44	3.93	1.00	0.04	7.43	80.81	0.44	3.97	1.00	0.04
7.44	79.79	0.44	4.02	1.00	0.04	7.45	79.92	0.44	4.01	1.00	0.04
7.46	78.06	0.43	4.10	1.00	0.04	7.47	78.61	0.43	4.08	1.00	0.04
7.48	78.66	0.43	4.07	1.00	0.04	7.49	79.10	0.43	4.05	1.00	0.04
7.50	76.96	0.42	4.16	1.00	0.04	7.51	77.04	0.42	4.16	1.00	0.04
7.52	77.09	0.42	4.15	1.00	0.04	7.53	20.00	2.00	0.00	1.00	0.00
7.54	19.61	2.00	0.00	1.00	0.00	7.55	19.96	2.00	0.00	1.00	0.00
7.56	20.92	2.00	0.00	1.00	0.00	7.57	84.10	0.45	3.82	1.00	0.04
7.58	87.00	0.47	3.69	1.00	0.04	7.59	89.68	0.48	3.59	1.00	0.04
7.60	91.78	0.49	3.50	1.00	0.04	7.61	95.05	0.51	3.38	1.00	0.03
7.62	94.91	0.51	3.39	1.00	0.03	7.63	94.83	0.51	3.39	1.00	0.03
7.64	94.00	0.51	3.42	1.00	0.03	7.65	92.31	0.50	3.48	1.00	0.03
7.66	90.97	0.49	3.53	1.00	0.04	7.67	90.01	0.48	3.57	1.00	0.04
7.68	89.05	0.48	3.61	1.00	0.04	7.69	87.97	0.47	3.65	1.00	0.04
7.70	87.23	0.47	3.69	1.00	0.04	7.71	86.33	0.47	3.72	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	86.25	0.46	3.73	1.00	0.04	7.73	86.50	0.47	3.72	1.00	0.04
7.74	86.82	0.47	3.70	1.00	0.04	7.75	88.61	0.48	3.63	1.00	0.04
7.76	88.41	0.48	3.64	1.00	0.04	7.77	88.41	0.48	3.64	1.00	0.04
7.78	87.67	0.47	3.67	1.00	0.04	7.79	87.00	0.47	3.69	1.00	0.04
7.80	86.49	0.47	3.72	1.00	0.04	7.81	85.82	0.46	3.74	1.00	0.04
7.82	85.16	0.46	3.77	1.00	0.04	7.83	84.68	0.46	3.79	1.00	0.04
7.84	84.61	0.46	3.80	1.00	0.04	7.85	84.44	0.46	3.80	1.00	0.04
7.86	84.42	0.46	3.81	1.00	0.04	7.87	84.33	0.46	3.81	1.00	0.04
7.88	84.39	0.46	3.81	1.00	0.04	7.89	84.81	0.46	3.79	1.00	0.04
7.90	84.92	0.46	3.78	1.00	0.04	7.91	85.02	0.46	3.78	1.00	0.04
7.92	92.16	0.49	3.49	1.00	0.03	7.93	60.36	0.36	5.21	1.00	0.05
7.94	58.93	0.36	5.32	1.00	0.05	7.95	91.14	0.49	3.53	1.00	0.04
7.96	77.70	0.43	4.12	1.00	0.04	7.97	77.61	0.43	4.13	1.00	0.04
7.98	77.52	0.43	4.13	1.00	0.04	7.99	77.95	0.43	4.11	1.00	0.04
8.00	76.66	0.42	4.18	1.00	0.04	8.01	76.84	0.42	4.17	1.00	0.04
8.02	75.82	0.42	4.22	1.00	0.04	8.03	75.51	0.42	4.24	1.00	0.04
8.04	76.45	0.42	4.19	1.00	0.04	8.05	76.47	0.42	4.19	1.00	0.04
8.06	78.01	0.43	4.11	1.00	0.04	8.07	78.72	0.43	4.07	1.00	0.04
8.08	79.68	0.43	4.02	1.00	0.04	8.09	79.74	0.43	4.02	1.00	0.04
8.10	80.55	0.44	3.98	1.00	0.04	8.11	82.63	0.45	3.89	1.00	0.04
8.12	82.47	0.45	3.89	1.00	0.04	8.13	84.14	0.45	3.82	1.00	0.04
8.14	84.72	0.46	3.79	1.00	0.04	8.15	85.32	0.46	3.77	1.00	0.04
8.16	85.17	0.46	3.77	1.00	0.04	8.17	85.84	0.46	3.74	1.00	0.04
8.18	85.99	0.46	3.74	1.00	0.04	8.19	86.31	0.46	3.72	1.00	0.04
8.20	87.12	0.47	3.69	1.00	0.04	8.21	87.60	0.47	3.67	1.00	0.04
8.22	88.24	0.47	3.64	1.00	0.04	8.23	88.79	0.48	3.62	1.00	0.04
8.24	89.24	0.48	3.60	1.00	0.04	8.25	89.36	0.48	3.60	1.00	0.04
8.26	89.80	0.48	3.58	1.00	0.04	8.27	89.66	0.48	3.59	1.00	0.04
8.28	89.27	0.48	3.60	1.00	0.04	8.29	88.52	0.47	3.63	1.00	0.04
8.30	88.12	0.47	3.65	1.00	0.04	8.31	86.15	0.46	3.73	1.00	0.04
8.32	84.50	0.46	3.80	1.00	0.04	8.33	82.21	0.45	3.90	1.00	0.04
8.34	80.78	0.44	3.97	1.00	0.04	8.35	79.18	0.43	4.05	1.00	0.04
8.36	78.54	0.43	4.08	1.00	0.04	8.37	78.76	0.43	4.07	1.00	0.04
8.38	78.32	0.43	4.09	1.00	0.04	8.39	76.97	0.42	4.16	1.00	0.04
8.40	76.95	0.42	4.16	1.00	0.04	8.41	75.77	0.42	4.22	1.00	0.04
8.42	75.95	0.42	4.21	1.00	0.04	8.43	76.41	0.42	4.19	1.00	0.04
8.44	76.85	0.42	4.17	1.00	0.04	8.45	77.86	0.43	4.11	1.00	0.04
8.46	78.84	0.43	4.07	1.00	0.04	8.47	80.86	0.44	3.97	1.00	0.04
8.48	82.08	0.44	3.91	1.00	0.04	8.49	83.29	0.45	3.86	1.00	0.04
8.50	84.15	0.45	3.82	1.00	0.04	8.51	85.68	0.46	3.75	1.00	0.04
8.52	85.70	0.46	3.75	1.00	0.04	8.53	86.91	0.47	3.70	1.00	0.04
8.54	86.48	0.46	3.72	1.00	0.04	8.55	86.28	0.46	3.73	1.00	0.04
8.56	85.75	0.46	3.75	1.00	0.04	8.57	86.41	0.46	3.72	1.00	0.04
8.58	85.81	0.46	3.74	1.00	0.04	8.59	86.54	0.47	3.71	1.00	0.04
8.60	86.69	0.47	3.71	1.00	0.04	8.61	87.05	0.47	3.69	1.00	0.04
8.62	87.52	0.47	3.67	1.00	0.04	8.63	88.41	0.47	3.64	1.00	0.04
8.64	88.35	0.47	3.64	1.00	0.04	8.65	89.24	0.48	3.60	1.00	0.04
8.66	90.23	0.48	3.56	1.00	0.04	8.67	91.52	0.49	3.51	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	92.41	0.50	3.48	1.00	0.03	8.69	93.50	0.50	3.44	1.00	0.03
8.70	94.12	0.50	3.42	1.00	0.03	8.71	94.62	0.51	3.40	1.00	0.03
8.72	95.43	0.51	3.37	1.00	0.03	8.73	95.73	0.51	3.36	1.00	0.03
8.74	95.99	0.52	3.35	1.00	0.03	8.75	96.48	0.52	3.33	1.00	0.03
8.76	96.91	0.52	3.32	1.00	0.03	8.77	96.75	0.52	3.32	1.00	0.03
8.78	97.71	0.53	3.29	1.00	0.03	8.79	96.50	0.52	3.33	1.00	0.03
8.80	96.62	0.52	3.33	1.00	0.03	8.81	95.64	0.51	3.36	1.00	0.03
8.82	94.78	0.51	3.39	1.00	0.03	8.83	94.46	0.51	3.40	1.00	0.03
8.84	93.65	0.50	3.43	1.00	0.03	8.85	94.37	0.51	3.41	1.00	0.03
8.86	93.90	0.50	3.42	1.00	0.03	8.87	94.35	0.51	3.41	1.00	0.03
8.88	95.50	0.51	3.37	1.00	0.03	8.89	96.53	0.52	3.33	1.00	0.03
8.90	96.39	0.52	3.34	1.00	0.03	8.91	97.41	0.53	3.30	1.00	0.03
8.92	95.59	0.51	3.36	1.00	0.03	8.93	80.28	0.44	4.00	1.00	0.04
8.94	88.11	0.47	3.65	1.00	0.04	8.95	88.94	0.48	3.61	1.00	0.04
8.96	89.21	0.48	3.60	1.00	0.04	8.97	91.86	0.49	3.50	1.00	0.04
8.98	95.43	0.51	3.37	1.00	0.03	8.99	99.94	0.54	3.22	1.00	0.03
9.00	101.58	0.55	3.16	1.00	0.03	9.01	103.76	0.57	3.09	1.00	0.03
9.02	104.02	0.57	3.09	1.00	0.03	9.03	103.87	0.57	3.09	1.00	0.03
9.04	102.86	0.56	3.12	1.00	0.03	9.05	101.75	0.55	3.16	1.00	0.03
9.06	100.97	0.55	3.18	1.00	0.03	9.07	99.55	0.54	3.23	1.00	0.03
9.08	99.08	0.54	3.24	1.00	0.03	9.09	98.50	0.53	3.26	1.00	0.03
9.10	98.35	0.53	3.27	1.00	0.03	9.11	98.30	0.53	3.27	1.00	0.03
9.12	98.99	0.54	3.25	1.00	0.03	9.13	98.84	0.53	3.25	1.00	0.03
9.14	98.58	0.53	3.26	1.00	0.03	9.15	97.79	0.53	3.29	1.00	0.03
9.16	97.12	0.52	3.31	1.00	0.03	9.17	97.81	0.53	3.29	1.00	0.03
9.18	100.70	0.55	3.19	1.00	0.03	9.19	101.59	0.55	3.16	1.00	0.03
9.20	103.22	0.56	3.11	1.00	0.03	9.21	106.12	0.59	3.02	1.00	0.03
9.22	106.38	0.59	3.01	1.00	0.03	9.23	105.07	0.58	3.05	1.00	0.03
9.24	102.91	0.56	3.12	1.00	0.03	9.25	101.81	0.56	3.15	1.00	0.03
9.26	100.61	0.55	3.19	1.00	0.03	9.27	97.20	0.53	3.31	1.00	0.03
9.28	95.05	0.51	3.38	1.00	0.03	9.29	92.15	0.50	3.49	1.00	0.03
9.30	87.55	0.47	3.67	1.00	0.04	9.31	85.50	0.46	3.76	1.00	0.04
9.32	82.59	0.45	3.89	1.00	0.04	9.33	76.86	0.43	4.17	1.00	0.04
9.34	75.28	0.42	4.25	1.00	0.04	9.35	81.01	0.44	3.96	1.00	0.04
9.36	83.83	0.46	3.83	1.00	0.04	9.37	90.60	0.49	3.55	1.00	0.04
9.38	93.92	0.51	3.42	1.00	0.03	9.39	88.54	0.48	3.63	1.00	0.04
9.40	87.93	0.48	3.66	1.00	0.04	9.41	85.31	0.46	3.77	1.00	0.04
9.42	83.48	0.45	3.85	1.00	0.04	9.43	21.27	2.00	0.00	1.00	0.00
9.44	19.61	2.00	0.00	1.00	0.00	9.45	18.28	2.00	0.00	1.00	0.00
9.46	14.98	2.00	0.00	1.00	0.00	9.47	13.87	2.00	0.00	1.00	0.00
9.48	12.54	2.00	0.00	1.00	0.00	9.49	11.77	2.00	0.00	1.00	0.00
9.50	10.88	2.00	0.00	1.00	0.00	9.51	10.55	2.00	0.00	1.00	0.00
9.52	10.32	2.00	0.00	1.00	0.00	9.53	10.20	2.00	0.00	1.00	0.00
9.54	10.31	2.00	0.00	1.00	0.00	9.55	10.41	2.00	0.00	1.00	0.00
9.56	10.52	2.00	0.00	1.00	0.00	9.57	10.18	2.00	0.00	1.00	0.00
9.58	10.07	2.00	0.00	1.00	0.00	9.59	10.28	2.00	0.00	1.00	0.00
9.60	10.28	2.00	0.00	1.00	0.00	9.61	10.49	2.00	0.00	1.00	0.00
9.62	10.70	2.00	0.00	1.00	0.00	9.63	10.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	11.14	2.00	0.00	1.00	0.00	9.65	11.24	2.00	0.00	1.00	0.00
9.66	11.24	2.00	0.00	1.00	0.00	9.67	11.23	2.00	0.00	1.00	0.00
9.68	10.90	2.00	0.00	1.00	0.00	9.69	10.78	2.00	0.00	1.00	0.00
9.70	10.56	2.00	0.00	1.00	0.00	9.71	10.44	2.00	0.00	1.00	0.00
9.72	10.22	2.00	0.00	1.00	0.00	9.73	10.22	2.00	0.00	1.00	0.00
9.74	10.32	2.00	0.00	1.00	0.00	9.75	10.43	2.00	0.00	1.00	0.00
9.76	10.53	2.00	0.00	1.00	0.00	9.77	10.52	2.00	0.00	1.00	0.00
9.78	10.52	2.00	0.00	1.00	0.00	9.79	10.51	2.00	0.00	1.00	0.00
9.80	10.51	2.00	0.00	1.00	0.00	9.81	10.50	2.00	0.00	1.00	0.00
9.82	10.61	2.00	0.00	1.00	0.00	9.83	10.60	2.00	0.00	1.00	0.00
9.84	10.60	2.00	0.00	1.00	0.00	9.85	10.59	2.00	0.00	1.00	0.00
9.86	10.70	2.00	0.00	1.00	0.00	9.87	10.58	2.00	0.00	1.00	0.00
9.88	10.47	2.00	0.00	1.00	0.00	9.89	10.36	2.00	0.00	1.00	0.00
9.90	10.14	2.00	0.00	1.00	0.00	9.91	10.13	2.00	0.00	1.00	0.00
9.92	10.13	2.00	0.00	1.00	0.00	9.93	11.42	2.00	0.00	1.00	0.00
9.94	11.85	2.00	0.00	1.00	0.00	9.95	11.95	2.00	0.00	1.00	0.00
9.96	11.94	2.00	0.00	1.00	0.00	9.97	11.83	2.00	0.00	1.00	0.00
9.98	11.83	2.00	0.00	1.00	0.00	9.99	11.82	2.00	0.00	1.00	0.00
10.00	11.92	2.00	0.00	1.00	0.00	10.01	12.13	2.00	0.00	1.00	0.00
10.02	12.13	2.00	0.00	1.00	0.00	10.03	12.12	2.00	0.00	1.00	0.00
10.04	12.11	2.00	0.00	1.00	0.00	10.05	12.11	2.00	0.00	1.00	0.00
10.06	12.10	2.00	0.00	1.00	0.00	10.07	12.10	2.00	0.00	1.00	0.00
10.08	12.09	2.00	0.00	1.00	0.00	10.09	12.09	2.00	0.00	1.00	0.00
10.10	12.29	2.00	0.00	1.00	0.00	10.11	12.39	2.00	0.00	1.00	0.00
10.12	12.39	2.00	0.00	1.00	0.00	10.13	12.49	2.00	0.00	1.00	0.00
10.14	12.48	2.00	0.00	1.00	0.00	10.15	12.48	2.00	0.00	1.00	0.00
10.16	12.47	2.00	0.00	1.00	0.00	10.17	12.47	2.00	0.00	1.00	0.00
10.18	12.57	2.00	0.00	1.00	0.00	10.19	12.56	2.00	0.00	1.00	0.00
10.20	12.45	2.00	0.00	1.00	0.00	10.21	12.44	2.00	0.00	1.00	0.00
10.22	12.33	2.00	0.00	1.00	0.00	10.23	12.22	2.00	0.00	1.00	0.00
10.24	12.10	2.00	0.00	1.00	0.00	10.25	11.67	2.00	0.00	1.00	0.00
10.26	11.56	2.00	0.00	1.00	0.00	10.27	11.45	2.00	0.00	1.00	0.00
10.28	11.34	2.00	0.00	1.00	0.00	10.29	11.22	2.00	0.00	1.00	0.00
10.30	11.11	2.00	0.00	1.00	0.00	10.31	11.00	2.00	0.00	1.00	0.00
10.32	11.00	2.00	0.00	1.00	0.00	10.33	10.99	2.00	0.00	1.00	0.00
10.34	10.88	2.00	0.00	1.00	0.00	10.35	10.77	2.00	0.00	1.00	0.00
10.36	10.66	2.00	0.00	1.00	0.00	10.37	10.44	2.00	0.00	1.00	0.00
10.38	10.33	2.00	0.00	1.00	0.00	10.39	10.22	2.00	0.00	1.00	0.00
10.40	10.21	2.00	0.00	1.00	0.00	10.41	10.21	2.00	0.00	1.00	0.00
10.42	10.10	2.00	0.00	1.00	0.00	10.43	9.99	2.00	0.00	1.00	0.00
10.44	9.88	2.00	0.00	1.00	0.00	10.45	9.87	2.00	0.00	1.00	0.00
10.46	9.76	2.00	0.00	1.00	0.00	10.47	9.65	2.00	0.00	1.00	0.00
10.48	9.54	2.00	0.00	1.00	0.00	10.49	9.54	2.00	0.00	1.00	0.00
10.50	9.64	2.00	0.00	1.00	0.00	10.51	9.74	2.00	0.00	1.00	0.00
10.52	9.84	2.00	0.00	1.00	0.00	10.53	9.73	2.00	0.00	1.00	0.00
10.54	9.73	2.00	0.00	1.00	0.00	10.55	9.72	2.00	0.00	1.00	0.00
10.56	9.61	2.00	0.00	1.00	0.00	10.57	9.61	2.00	0.00	1.00	0.00
10.58	9.71	2.00	0.00	1.00	0.00	10.59	9.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	10.02	2.00	0.00	1.00	0.00	10.61	10.12	2.00	0.00	1.00	0.00
10.62	10.22	2.00	0.00	1.00	0.00	10.63	10.32	2.00	0.00	1.00	0.00
10.64	10.42	2.00	0.00	1.00	0.00	10.65	10.52	2.00	0.00	1.00	0.00
10.66	10.51	2.00	0.00	1.00	0.00	10.67	10.61	2.00	0.00	1.00	0.00
10.68	10.82	2.00	0.00	1.00	0.00	10.69	10.81	2.00	0.00	1.00	0.00
10.70	10.81	2.00	0.00	1.00	0.00	10.71	10.80	2.00	0.00	1.00	0.00
10.72	10.80	2.00	0.00	1.00	0.00	10.73	10.59	2.00	0.00	1.00	0.00
10.74	10.58	2.00	0.00	1.00	0.00	10.75	10.58	2.00	0.00	1.00	0.00
10.76	10.57	2.00	0.00	1.00	0.00	10.77	10.57	2.00	0.00	1.00	0.00
10.78	10.56	2.00	0.00	1.00	0.00	10.79	10.45	2.00	0.00	1.00	0.00
10.80	10.45	2.00	0.00	1.00	0.00	10.81	10.44	2.00	0.00	1.00	0.00
10.82	10.54	2.00	0.00	1.00	0.00	10.83	10.54	2.00	0.00	1.00	0.00
10.84	10.43	2.00	0.00	1.00	0.00	10.85	10.42	2.00	0.00	1.00	0.00
10.86	10.42	2.00	0.00	1.00	0.00	10.87	10.41	2.00	0.00	1.00	0.00
10.88	10.41	2.00	0.00	1.00	0.00	10.89	10.40	2.00	0.00	1.00	0.00
10.90	10.40	2.00	0.00	1.00	0.00	10.91	10.39	2.00	0.00	1.00	0.00
10.92	10.39	2.00	0.00	1.00	0.00	10.93	10.28	2.00	0.00	1.00	0.00
10.94	10.48	2.00	0.00	1.00	0.00	10.95	10.48	2.00	0.00	1.00	0.00
10.96	10.47	2.00	0.00	1.00	0.00	10.97	10.47	2.00	0.00	1.00	0.00
10.98	10.36	2.00	0.00	1.00	0.00	10.99	10.15	2.00	0.00	1.00	0.00
11.00	10.04	2.00	0.00	1.00	0.00	11.01	9.83	2.00	0.00	1.00	0.00
11.02	9.82	2.00	0.00	1.00	0.00	11.03	9.92	2.00	0.00	1.00	0.00
11.04	10.02	2.00	0.00	1.00	0.00	11.05	10.22	2.00	0.00	1.00	0.00
11.06	10.22	2.00	0.00	1.00	0.00	11.07	10.21	2.00	0.00	1.00	0.00
11.08	10.31	2.00	0.00	1.00	0.00	11.09	10.31	2.00	0.00	1.00	0.00
11.10	10.40	2.00	0.00	1.00	0.00	11.11	10.40	2.00	0.00	1.00	0.00
11.12	10.29	2.00	0.00	1.00	0.00	11.13	10.19	2.00	0.00	1.00	0.00
11.14	10.08	2.00	0.00	1.00	0.00	11.15	9.87	2.00	0.00	1.00	0.00
11.16	9.76	2.00	0.00	1.00	0.00	11.17	9.55	2.00	0.00	1.00	0.00
11.18	9.34	2.00	0.00	1.00	0.00	11.19	9.03	2.00	0.00	1.00	0.00
11.20	8.82	2.00	0.00	1.00	0.00	11.21	8.61	2.00	0.00	1.00	0.00
11.22	8.41	2.00	0.00	1.00	0.00	11.23	8.30	2.00	0.00	1.00	0.00
11.24	8.30	2.00	0.00	1.00	0.00	11.25	8.19	2.00	0.00	1.00	0.00
11.26	8.09	2.00	0.00	1.00	0.00	11.27	8.08	2.00	0.00	1.00	0.00
11.28	8.08	2.00	0.00	1.00	0.00	11.29	7.87	2.00	0.00	1.00	0.00
11.30	7.76	2.00	0.00	1.00	0.00	11.31	7.76	2.00	0.00	1.00	0.00
11.32	7.76	2.00	0.00	1.00	0.00	11.33	7.75	2.00	0.00	1.00	0.00
11.34	7.95	2.00	0.00	1.00	0.00	11.35	8.05	2.00	0.00	1.00	0.00
11.36	8.15	2.00	0.00	1.00	0.00	11.37	8.25	2.00	0.00	1.00	0.00
11.38	8.45	2.00	0.00	1.00	0.00	11.39	8.85	2.00	0.00	1.00	0.00
11.40	9.15	2.00	0.00	1.00	0.00	11.41	9.55	2.00	0.00	1.00	0.00
11.42	9.75	2.00	0.00	1.00	0.00	11.43	9.95	2.00	0.00	1.00	0.00
11.44	10.15	2.00	0.00	1.00	0.00	11.45	10.55	2.00	0.00	1.00	0.00
11.46	10.85	2.00	0.00	1.00	0.00	11.47	11.05	2.00	0.00	1.00	0.00
11.48	11.25	2.00	0.00	1.00	0.00	11.49	11.64	2.00	0.00	1.00	0.00
11.50	11.84	2.00	0.00	1.00	0.00	11.51	12.04	2.00	0.00	1.00	0.00
11.52	12.24	2.00	0.00	1.00	0.00	11.53	12.43	2.00	0.00	1.00	0.00
11.54	12.63	2.00	0.00	1.00	0.00	11.55	13.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	13.22	2.00	0.00	1.00	0.00	11.57	13.22	2.00	0.00	1.00	0.00
11.58	13.51	2.00	0.00	1.00	0.00	11.59	13.61	2.00	0.00	1.00	0.00
11.60	13.50	2.00	0.00	1.00	0.00	11.61	13.39	2.00	0.00	1.00	0.00
11.62	13.39	2.00	0.00	1.00	0.00	11.63	13.48	2.00	0.00	1.00	0.00
11.64	13.68	2.00	0.00	1.00	0.00	11.65	13.67	2.00	0.00	1.00	0.00
11.66	13.66	2.00	0.00	1.00	0.00	11.67	13.86	2.00	0.00	1.00	0.00
11.68	13.95	2.00	0.00	1.00	0.00	11.69	13.94	2.00	0.00	1.00	0.00
11.70	13.94	2.00	0.00	1.00	0.00	11.71	14.03	2.00	0.00	1.00	0.00
11.72	14.12	2.00	0.00	1.00	0.00	11.73	14.32	2.00	0.00	1.00	0.00
11.74	14.71	2.00	0.00	1.00	0.00	11.75	14.90	2.00	0.00	1.00	0.00
11.76	15.20	2.00	0.00	1.00	0.00	11.77	15.39	2.00	0.00	1.00	0.00
11.78	15.58	2.00	0.00	1.00	0.00	11.79	15.87	2.00	0.00	1.00	0.00
11.80	15.87	2.00	0.00	1.00	0.00	11.81	15.96	2.00	0.00	1.00	0.00
11.82	16.15	2.00	0.00	1.00	0.00	11.83	16.24	2.00	0.00	1.00	0.00
11.84	16.14	2.00	0.00	1.00	0.00	11.85	16.03	2.00	0.00	1.00	0.00
11.86	15.72	2.00	0.00	1.00	0.00	11.87	15.52	2.00	0.00	1.00	0.00
11.88	15.51	2.00	0.00	1.00	0.00	11.89	15.20	2.00	0.00	1.00	0.00
11.90	15.10	2.00	0.00	1.00	0.00	11.91	15.09	2.00	0.00	1.00	0.00
11.92	15.08	2.00	0.00	1.00	0.00	11.93	14.98	2.00	0.00	1.00	0.00
11.94	14.97	2.00	0.00	1.00	0.00	11.95	14.77	2.00	0.00	1.00	0.00
11.96	14.36	2.00	0.00	1.00	0.00	11.97	14.26	2.00	0.00	1.00	0.00
11.98	14.15	2.00	0.00	1.00	0.00	11.99	14.14	2.00	0.00	1.00	0.00
12.00	14.14	2.00	0.00	1.00	0.00	12.01	13.84	2.00	0.00	1.00	0.00
12.02	13.73	2.00	0.00	1.00	0.00	12.03	13.53	2.00	0.00	1.00	0.00
12.04	13.22	2.00	0.00	1.00	0.00	12.05	13.12	2.00	0.00	1.00	0.00
12.06	13.01	2.00	0.00	1.00	0.00	12.07	12.91	2.00	0.00	1.00	0.00
12.08	12.90	2.00	0.00	1.00	0.00	12.09	12.90	2.00	0.00	1.00	0.00
12.10	12.89	2.00	0.00	1.00	0.00	12.11	12.79	2.00	0.00	1.00	0.00
12.12	12.68	2.00	0.00	1.00	0.00	12.13	12.68	2.00	0.00	1.00	0.00
12.14	12.57	2.00	0.00	1.00	0.00	12.15	12.47	2.00	0.00	1.00	0.00
12.16	12.36	2.00	0.00	1.00	0.00	12.17	12.36	2.00	0.00	1.00	0.00
12.18	12.16	2.00	0.00	1.00	0.00	12.19	11.86	2.00	0.00	1.00	0.00
12.20	11.75	2.00	0.00	1.00	0.00	12.21	11.36	2.00	0.00	1.00	0.00
12.22	11.35	2.00	0.00	1.00	0.00	12.23	11.25	2.00	0.00	1.00	0.00
12.24	11.24	2.00	0.00	1.00	0.00	12.25	11.14	2.00	0.00	1.00	0.00
12.26	11.04	2.00	0.00	1.00	0.00	12.27	11.03	2.00	0.00	1.00	0.00
12.28	10.83	2.00	0.00	1.00	0.00	12.29	10.73	2.00	0.00	1.00	0.00
12.30	10.63	2.00	0.00	1.00	0.00	12.31	10.43	2.00	0.00	1.00	0.00
12.32	10.42	2.00	0.00	1.00	0.00	12.33	10.32	2.00	0.00	1.00	0.00
12.34	10.03	2.00	0.00	1.00	0.00	12.35	10.02	2.00	0.00	1.00	0.00
12.36	10.02	2.00	0.00	1.00	0.00	12.37	10.01	2.00	0.00	1.00	0.00
12.38	10.01	2.00	0.00	1.00	0.00	12.39	10.10	2.00	0.00	1.00	0.00
12.40	10.10	2.00	0.00	1.00	0.00	12.41	10.00	2.00	0.00	1.00	0.00
12.42	9.70	2.00	0.00	1.00	0.00	12.43	9.60	2.00	0.00	1.00	0.00
12.44	9.50	2.00	0.00	1.00	0.00	12.45	9.40	2.00	0.00	1.00	0.00
12.46	9.39	2.00	0.00	1.00	0.00	12.47	9.39	2.00	0.00	1.00	0.00
12.48	9.58	2.00	0.00	1.00	0.00	12.49	9.67	2.00	0.00	1.00	0.00
12.50	9.67	2.00	0.00	1.00	0.00	12.51	9.66	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	9.76	2.00	0.00	1.00	0.00	12.53	9.85	2.00	0.00	1.00	0.00
12.54	9.94	2.00	0.00	1.00	0.00	12.55	10.03	2.00	0.00	1.00	0.00
12.56	10.13	2.00	0.00	1.00	0.00	12.57	10.32	2.00	0.00	1.00	0.00
12.58	10.41	2.00	0.00	1.00	0.00	12.59	10.50	2.00	0.00	1.00	0.00
12.60	10.59	2.00	0.00	1.00	0.00	12.61	10.69	2.00	0.00	1.00	0.00
12.62	10.87	2.00	0.00	1.00	0.00	12.63	10.97	2.00	0.00	1.00	0.00
12.64	10.96	2.00	0.00	1.00	0.00	12.65	11.05	2.00	0.00	1.00	0.00
12.66	10.95	2.00	0.00	1.00	0.00	12.67	10.95	2.00	0.00	1.00	0.00
12.68	10.94	2.00	0.00	1.00	0.00	12.69	10.94	2.00	0.00	1.00	0.00
12.70	11.03	2.00	0.00	1.00	0.00	12.71	11.03	2.00	0.00	1.00	0.00
12.72	10.92	2.00	0.00	1.00	0.00	12.73	10.82	2.00	0.00	1.00	0.00
12.74	10.82	2.00	0.00	1.00	0.00	12.75	10.82	2.00	0.00	1.00	0.00
12.76	10.71	2.00	0.00	1.00	0.00	12.77	10.71	2.00	0.00	1.00	0.00
12.78	10.51	2.00	0.00	1.00	0.00	12.79	10.51	2.00	0.00	1.00	0.00
12.80	10.51	2.00	0.00	1.00	0.00	12.81	10.50	2.00	0.00	1.00	0.00
12.82	10.59	2.00	0.00	1.00	0.00	12.83	10.59	2.00	0.00	1.00	0.00
12.84	10.68	2.00	0.00	1.00	0.00	12.85	10.77	2.00	0.00	1.00	0.00
12.86	10.77	2.00	0.00	1.00	0.00	12.87	10.86	2.00	0.00	1.00	0.00
12.88	11.14	2.00	0.00	1.00	0.00	12.89	11.23	2.00	0.00	1.00	0.00
12.90	11.42	2.00	0.00	1.00	0.00	12.91	11.41	2.00	0.00	1.00	0.00
12.92	11.41	2.00	0.00	1.00	0.00	12.93	11.40	2.00	0.00	1.00	0.00
12.94	12.35	2.00	0.00	1.00	0.00	12.95	12.54	2.00	0.00	1.00	0.00
12.96	12.72	2.00	0.00	1.00	0.00	12.97	13.00	2.00	0.00	1.00	0.00
12.98	13.19	2.00	0.00	1.00	0.00	12.99	13.47	2.00	0.00	1.00	0.00
13.00	13.84	2.00	0.00	1.00	0.00	13.01	14.12	2.00	0.00	1.00	0.00
13.02	14.21	2.00	0.00	1.00	0.00	13.03	14.30	2.00	0.00	1.00	0.00
13.04	14.20	2.00	0.00	1.00	0.00	13.05	14.10	2.00	0.00	1.00	0.00
13.06	13.90	2.00	0.00	1.00	0.00	13.07	13.80	2.00	0.00	1.00	0.00
13.08	13.42	2.00	0.00	1.00	0.00	13.09	13.22	2.00	0.00	1.00	0.00
13.10	12.93	2.00	0.00	1.00	0.00	13.11	12.93	2.00	0.00	1.00	0.00
13.12	12.83	2.00	0.00	1.00	0.00	13.13	12.63	2.00	0.00	1.00	0.00
13.14	12.53	2.00	0.00	1.00	0.00	13.15	12.34	2.00	0.00	1.00	0.00
13.16	12.05	2.00	0.00	1.00	0.00	13.17	11.85	2.00	0.00	1.00	0.00
13.18	11.75	2.00	0.00	1.00	0.00	13.19	11.65	2.00	0.00	1.00	0.00
13.20	11.74	2.00	0.00	1.00	0.00	13.21	11.74	2.00	0.00	1.00	0.00
13.22	12.02	2.00	0.00	1.00	0.00	13.23	12.11	2.00	0.00	1.00	0.00
13.24	12.10	2.00	0.00	1.00	0.00	13.25	12.10	2.00	0.00	1.00	0.00
13.26	12.09	2.00	0.00	1.00	0.00	13.27	12.27	2.00	0.00	1.00	0.00
13.28	12.36	2.00	0.00	1.00	0.00	13.29	12.36	2.00	0.00	1.00	0.00
13.30	12.45	2.00	0.00	1.00	0.00	13.31	12.54	2.00	0.00	1.00	0.00
13.32	12.62	2.00	0.00	1.00	0.00	13.33	12.81	2.00	0.00	1.00	0.00
13.34	12.99	2.00	0.00	1.00	0.00	13.35	13.36	2.00	0.00	1.00	0.00
13.36	13.45	2.00	0.00	1.00	0.00	13.37	13.63	2.00	0.00	1.00	0.00
13.38	13.91	2.00	0.00	1.00	0.00	13.39	13.99	2.00	0.00	1.00	0.00
13.40	14.18	2.00	0.00	1.00	0.00	13.41	14.26	2.00	0.00	1.00	0.00
13.42	14.35	2.00	0.00	1.00	0.00	13.43	14.53	2.00	0.00	1.00	0.00
13.44	14.71	2.00	0.00	1.00	0.00	13.45	14.80	2.00	0.00	1.00	0.00
13.46	14.89	2.00	0.00	1.00	0.00	13.47	14.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	14.78	2.00	0.00	1.00	0.00	13.49	14.50	2.00	0.00	1.00	0.00
13.50	14.40	2.00	0.00	1.00	0.00	13.51	14.21	2.00	0.00	1.00	0.00
13.52	13.83	2.00	0.00	1.00	0.00	13.53	13.73	2.00	0.00	1.00	0.00
13.54	13.63	2.00	0.00	1.00	0.00	13.55	13.72	2.00	0.00	1.00	0.00
13.56	13.80	2.00	0.00	1.00	0.00	13.57	13.71	2.00	0.00	1.00	0.00
13.58	13.61	2.00	0.00	1.00	0.00	13.59	13.51	2.00	0.00	1.00	0.00
13.60	13.50	2.00	0.00	1.00	0.00	13.61	13.40	2.00	0.00	1.00	0.00
13.62	13.40	2.00	0.00	1.00	0.00	13.63	13.49	2.00	0.00	1.00	0.00
13.64	13.48	2.00	0.00	1.00	0.00	13.65	13.57	2.00	0.00	1.00	0.00
13.66	13.56	2.00	0.00	1.00	0.00	13.67	13.65	2.00	0.00	1.00	0.00
13.68	13.83	2.00	0.00	1.00	0.00	13.69	14.01	2.00	0.00	1.00	0.00
13.70	14.28	2.00	0.00	1.00	0.00	13.71	14.65	2.00	0.00	1.00	0.00
13.72	14.64	2.00	0.00	1.00	0.00	13.73	14.63	2.00	0.00	1.00	0.00
13.74	14.53	2.00	0.00	1.00	0.00	13.75	14.34	2.00	0.00	1.00	0.00
13.76	13.78	2.00	0.00	1.00	0.00	13.77	13.50	2.00	0.00	1.00	0.00
13.78	13.12	2.00	0.00	1.00	0.00	13.79	13.03	2.00	0.00	1.00	0.00
13.80	13.02	2.00	0.00	1.00	0.00	13.81	12.83	2.00	0.00	1.00	0.00
13.82	12.73	2.00	0.00	1.00	0.00	13.83	12.54	2.00	0.00	1.00	0.00
13.84	12.45	2.00	0.00	1.00	0.00	13.85	12.35	2.00	0.00	1.00	0.00
13.86	12.35	2.00	0.00	1.00	0.00	13.87	12.34	2.00	0.00	1.00	0.00
13.88	12.34	2.00	0.00	1.00	0.00	13.89	12.33	2.00	0.00	1.00	0.00
13.90	12.42	2.00	0.00	1.00	0.00	13.91	12.41	2.00	0.00	1.00	0.00
13.92	12.41	2.00	0.00	1.00	0.00	13.93	12.04	2.00	0.00	1.00	0.00
13.94	12.95	2.00	0.00	1.00	0.00	13.95	12.94	2.00	0.00	1.00	0.00
13.96	12.75	2.00	0.00	1.00	0.00	13.97	12.75	2.00	0.00	1.00	0.00
13.98	12.74	2.00	0.00	1.00	0.00	13.99	12.74	2.00	0.00	1.00	0.00
14.00	12.73	2.00	0.00	1.00	0.00	14.01	12.36	2.00	0.00	1.00	0.00
14.02	12.27	2.00	0.00	1.00	0.00	14.03	12.08	2.00	0.00	1.00	0.00
14.04	12.07	2.00	0.00	1.00	0.00	14.05	11.98	2.00	0.00	1.00	0.00
14.06	11.88	2.00	0.00	1.00	0.00	14.07	11.79	2.00	0.00	1.00	0.00
14.08	11.78	2.00	0.00	1.00	0.00	14.09	12.05	2.00	0.00	1.00	0.00
14.10	12.14	2.00	0.00	1.00	0.00	14.11	12.31	2.00	0.00	1.00	0.00
14.12	12.49	2.00	0.00	1.00	0.00	14.13	12.76	2.00	0.00	1.00	0.00
14.14	13.30	2.00	0.00	1.00	0.00	14.15	13.48	2.00	0.00	1.00	0.00
14.16	13.66	2.00	0.00	1.00	0.00	14.17	13.65	2.00	0.00	1.00	0.00
14.18	13.46	2.00	0.00	1.00	0.00	14.19	13.00	2.00	0.00	1.00	0.00
14.20	12.72	2.00	0.00	1.00	0.00	14.21	12.45	2.00	0.00	1.00	0.00
14.22	12.08	2.00	0.00	1.00	0.00	14.23	11.98	2.00	0.00	1.00	0.00
14.24	11.89	2.00	0.00	1.00	0.00	14.25	11.79	2.00	0.00	1.00	0.00
14.26	11.79	2.00	0.00	1.00	0.00	14.27	11.51	2.00	0.00	1.00	0.00
14.28	11.42	2.00	0.00	1.00	0.00	14.29	11.32	2.00	0.00	1.00	0.00
14.30	11.14	2.00	0.00	1.00	0.00	14.31	10.95	2.00	0.00	1.00	0.00
14.32	10.59	2.00	0.00	1.00	0.00	14.33	10.40	2.00	0.00	1.00	0.00
14.34	10.31	2.00	0.00	1.00	0.00	14.35	10.21	2.00	0.00	1.00	0.00
14.36	10.21	2.00	0.00	1.00	0.00	14.37	10.11	2.00	0.00	1.00	0.00
14.38	10.20	2.00	0.00	1.00	0.00	14.39	10.29	2.00	0.00	1.00	0.00
14.40	10.46	2.00	0.00	1.00	0.00	14.41	10.64	2.00	0.00	1.00	0.00
14.42	10.81	2.00	0.00	1.00	0.00	14.43	10.99	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	11.08	2.00	0.00	1.00	0.00	14.45	10.98	2.00	0.00	1.00	0.00
14.46	10.98	2.00	0.00	1.00	0.00	14.47	10.88	2.00	0.00	1.00	0.00
14.48	10.79	2.00	0.00	1.00	0.00	14.49	10.79	2.00	0.00	1.00	0.00
14.50	10.96	2.00	0.00	1.00	0.00	14.51	10.96	2.00	0.00	1.00	0.00
14.52	11.04	2.00	0.00	1.00	0.00	14.53	11.04	2.00	0.00	1.00	0.00
14.54	10.95	2.00	0.00	1.00	0.00	14.55	11.12	2.00	0.00	1.00	0.00
14.56	11.12	2.00	0.00	1.00	0.00	14.57	11.11	2.00	0.00	1.00	0.00
14.58	11.20	2.00	0.00	1.00	0.00	14.59	11.19	2.00	0.00	1.00	0.00
14.60	11.19	2.00	0.00	1.00	0.00	14.61	11.28	2.00	0.00	1.00	0.00
14.62	11.36	2.00	0.00	1.00	0.00	14.63	11.45	2.00	0.00	1.00	0.00
14.64	11.53	2.00	0.00	1.00	0.00	14.65	11.62	2.00	0.00	1.00	0.00
14.66	11.61	2.00	0.00	1.00	0.00	14.67	11.61	2.00	0.00	1.00	0.00
14.68	11.60	2.00	0.00	1.00	0.00	14.69	11.60	2.00	0.00	1.00	0.00
14.70	11.59	2.00	0.00	1.00	0.00	14.71	11.68	2.00	0.00	1.00	0.00
14.72	11.68	2.00	0.00	1.00	0.00	14.73	11.49	2.00	0.00	1.00	0.00
14.74	11.40	2.00	0.00	1.00	0.00	14.75	11.22	2.00	0.00	1.00	0.00
14.76	11.21	2.00	0.00	1.00	0.00	14.77	11.39	2.00	0.00	1.00	0.00
14.78	11.47	2.00	0.00	1.00	0.00	14.79	11.47	2.00	0.00	1.00	0.00
14.80	11.37	2.00	0.00	1.00	0.00	14.81	11.28	2.00	0.00	1.00	0.00
14.82	11.19	2.00	0.00	1.00	0.00	14.83	11.18	2.00	0.00	1.00	0.00
14.84	11.18	2.00	0.00	1.00	0.00	14.85	11.35	2.00	0.00	1.00	0.00
14.86	11.61	2.00	0.00	1.00	0.00	14.87	11.70	2.00	0.00	1.00	0.00
14.88	11.96	2.00	0.00	1.00	0.00	14.89	11.96	2.00	0.00	1.00	0.00
14.90	11.95	2.00	0.00	1.00	0.00	14.91	11.95	2.00	0.00	1.00	0.00
14.92	11.94	2.00	0.00	1.00	0.00	14.93	11.58	2.00	0.00	1.00	0.00
14.94	11.93	2.00	0.00	1.00	0.00	14.95	11.66	2.00	0.00	1.00	0.00
14.96	11.48	2.00	0.00	1.00	0.00	14.97	10.95	2.00	0.00	1.00	0.00
14.98	10.77	2.00	0.00	1.00	0.00	14.99	10.50	2.00	0.00	1.00	0.00
15.00	10.41	2.00	0.00	1.00	0.00	15.01	10.58	2.00	0.00	1.00	0.00
15.02	10.66	2.00	0.00	1.00	0.00	15.03	10.57	2.00	0.00	1.00	0.00
15.04	10.57	2.00	0.00	1.00	0.00	15.05	10.65	2.00	0.00	1.00	0.00
15.06	10.65	2.00	0.00	1.00	0.00	15.07	10.47	2.00	0.00	1.00	0.00
15.08	10.38	2.00	0.00	1.00	0.00	15.09	10.02	2.00	0.00	1.00	0.00
15.10	9.84	2.00	0.00	1.00	0.00	15.11	9.66	2.00	0.00	1.00	0.00
15.12	9.66	2.00	0.00	1.00	0.00	15.13	9.66	2.00	0.00	1.00	0.00
15.14	9.65	2.00	0.00	1.00	0.00	15.15	9.74	2.00	0.00	1.00	0.00
15.16	9.73	2.00	0.00	1.00	0.00	15.17	9.55	2.00	0.00	1.00	0.00
15.18	9.46	2.00	0.00	1.00	0.00	15.19	9.46	2.00	0.00	1.00	0.00
15.20	9.54	2.00	0.00	1.00	0.00	15.21	9.63	2.00	0.00	1.00	0.00
15.22	9.71	2.00	0.00	1.00	0.00	15.23	9.62	2.00	0.00	1.00	0.00
15.24	9.62	2.00	0.00	1.00	0.00	15.25	9.44	2.00	0.00	1.00	0.00
15.26	9.44	2.00	0.00	1.00	0.00	15.27	9.43	2.00	0.00	1.00	0.00
15.28	9.43	2.00	0.00	1.00	0.00	15.29	9.43	2.00	0.00	1.00	0.00
15.30	9.42	2.00	0.00	1.00	0.00	15.31	9.51	2.00	0.00	1.00	0.00
15.32	9.51	2.00	0.00	1.00	0.00	15.33	9.59	2.00	0.00	1.00	0.00
15.34	9.59	2.00	0.00	1.00	0.00	15.35	9.76	2.00	0.00	1.00	0.00
15.36	9.75	2.00	0.00	1.00	0.00	15.37	9.84	2.00	0.00	1.00	0.00
15.38	9.92	2.00	0.00	1.00	0.00	15.39	9.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

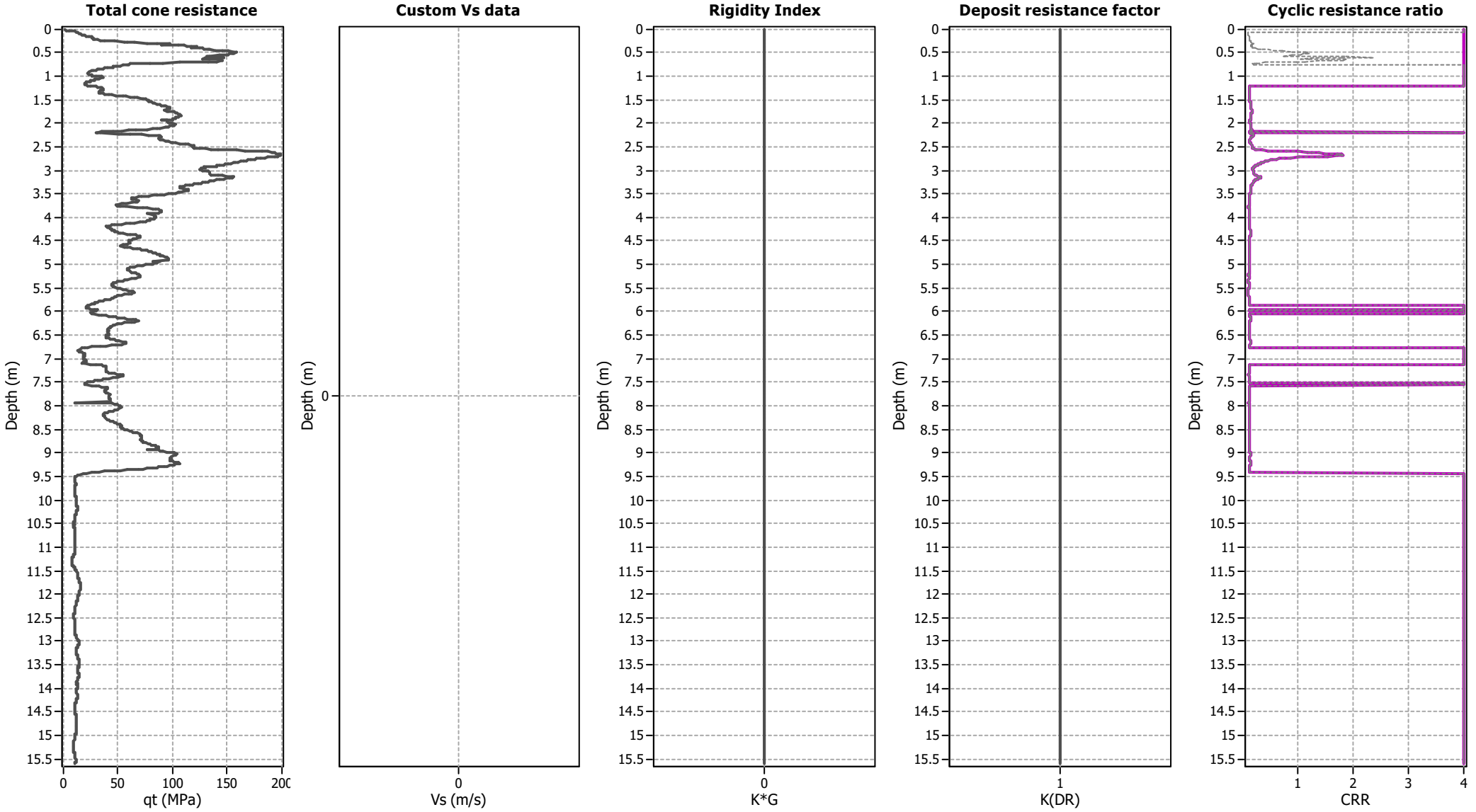
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	10.00	2.00	0.00	1.00	0.00	15.41	10.00	2.00	0.00	1.00	0.00
15.42	10.00	2.00	0.00	1.00	0.00	15.43	10.17	2.00	0.00	1.00	0.00
15.44	10.42	2.00	0.00	1.00	0.00	15.45	10.77	2.00	0.00	1.00	0.00
15.46	10.85	2.00	0.00	1.00	0.00	15.47	11.02	2.00	0.00	1.00	0.00
15.48	11.10	2.00	0.00	1.00	0.00	15.49	11.10	2.00	0.00	1.00	0.00
15.50	11.44	2.00	0.00	1.00	0.00	15.51	11.44	2.00	0.00	1.00	0.00
15.52	11.61	2.00	0.00	1.00	0.00	15.53	11.78	2.00	0.00	1.00	0.00
15.54	11.78	2.00	0.00	1.00	0.00	15.55	11.68	2.00	0.00	1.00	0.00
15.56	11.59	2.00	0.00	1.00	0.00	15.57	11.42	2.00	0.00	1.00	0.00
15.58	11.07	2.00	0.00	1.00	0.00	15.59	10.89	2.00	0.00	1.00	0.00
15.60	10.54	2.00	0.00	1.00	0.00						

Total estimated settlement: 24.59

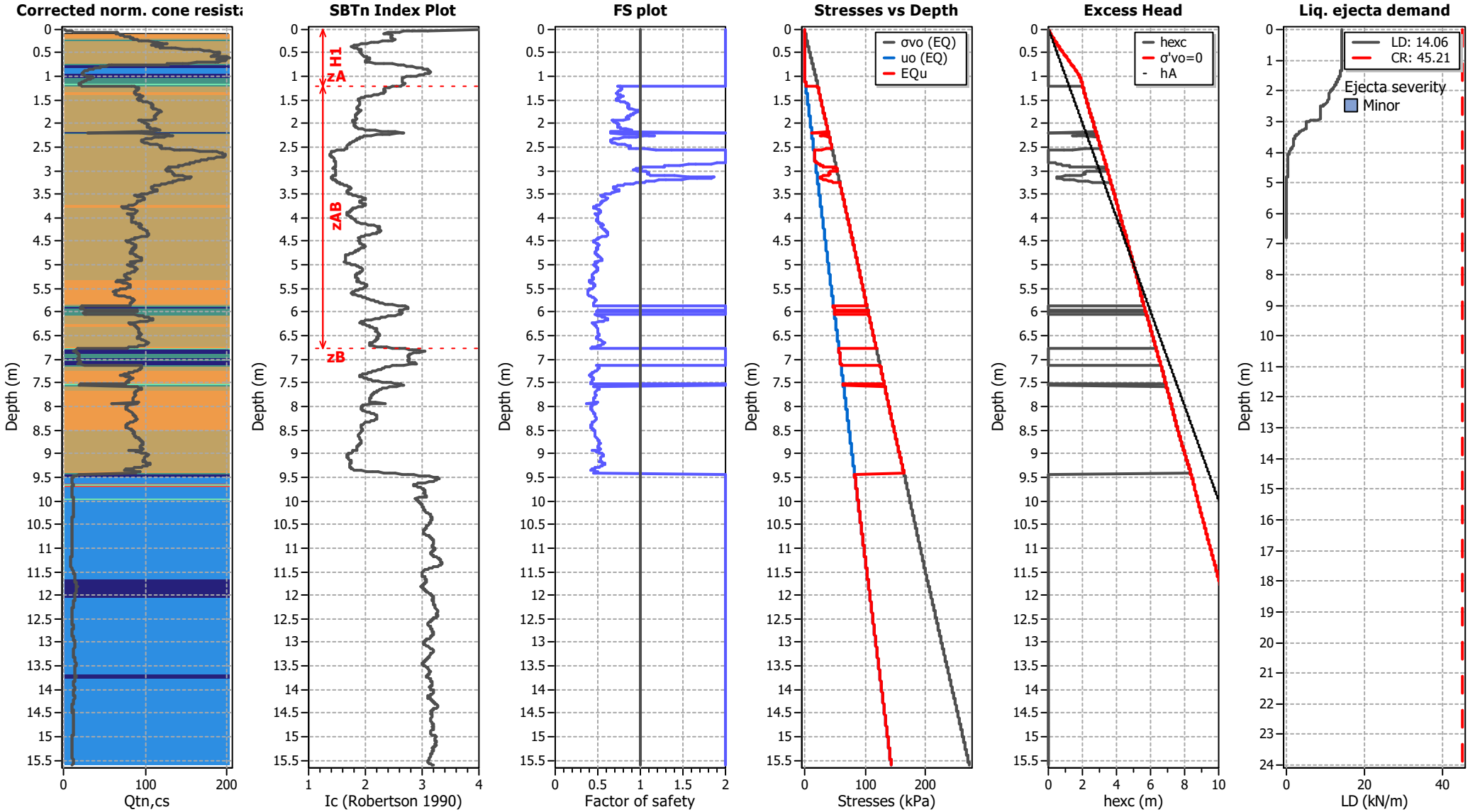
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



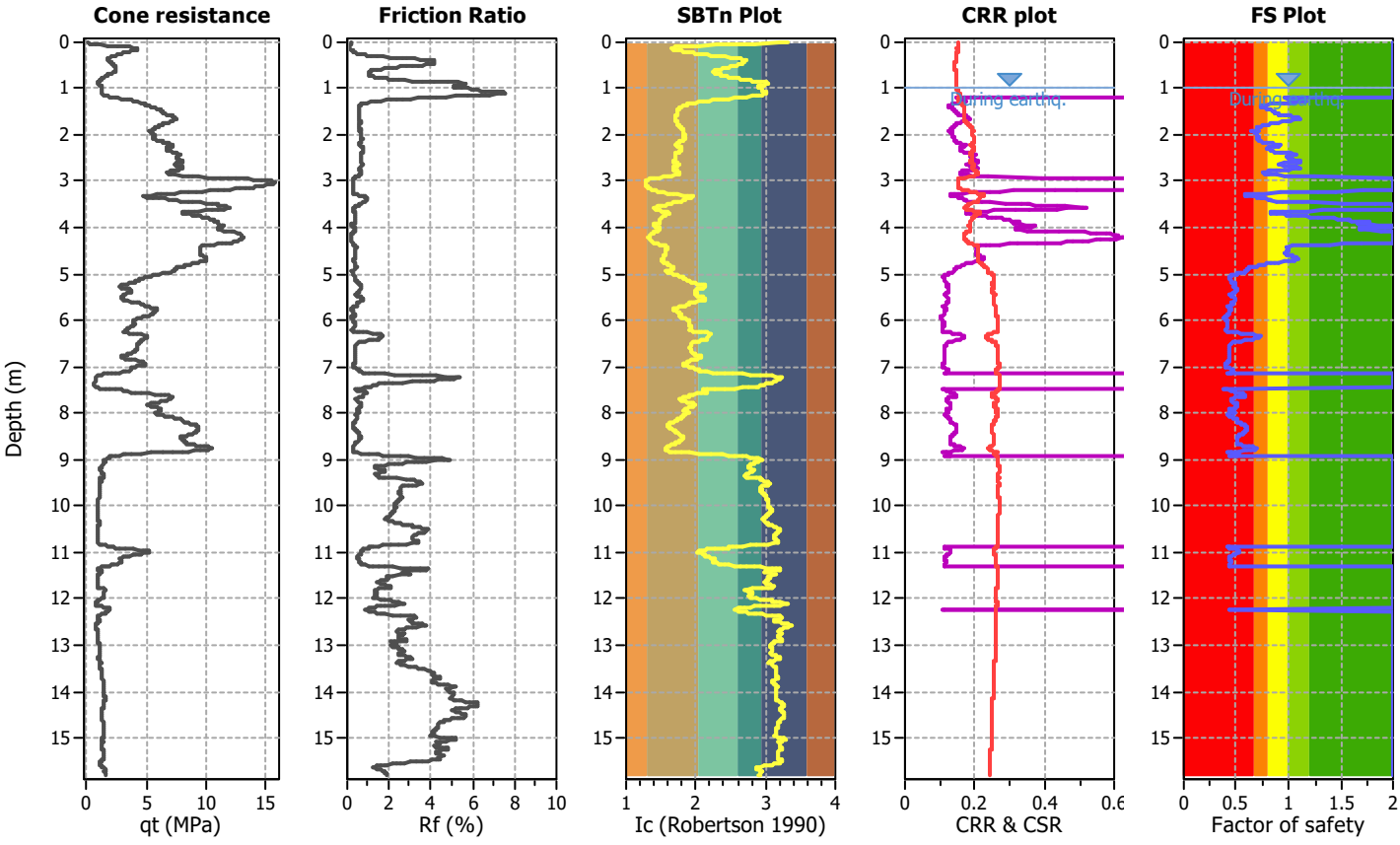
LIQUEFACTION ANALYSIS REPORT

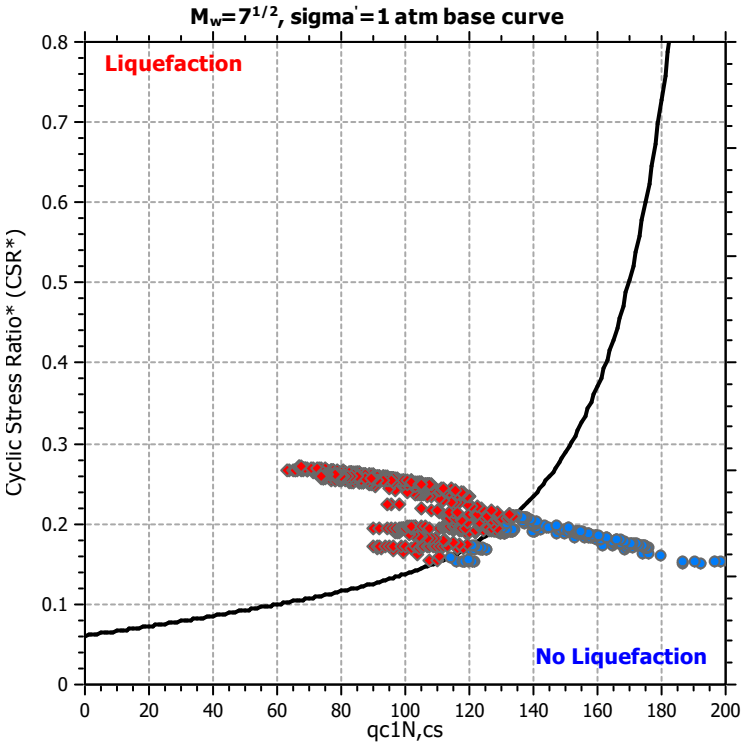
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

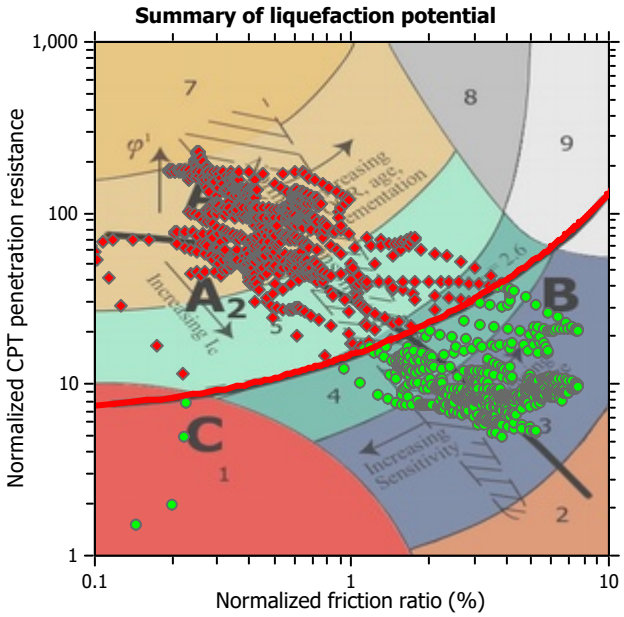
CPT file : 040008P1003CPTU1004

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

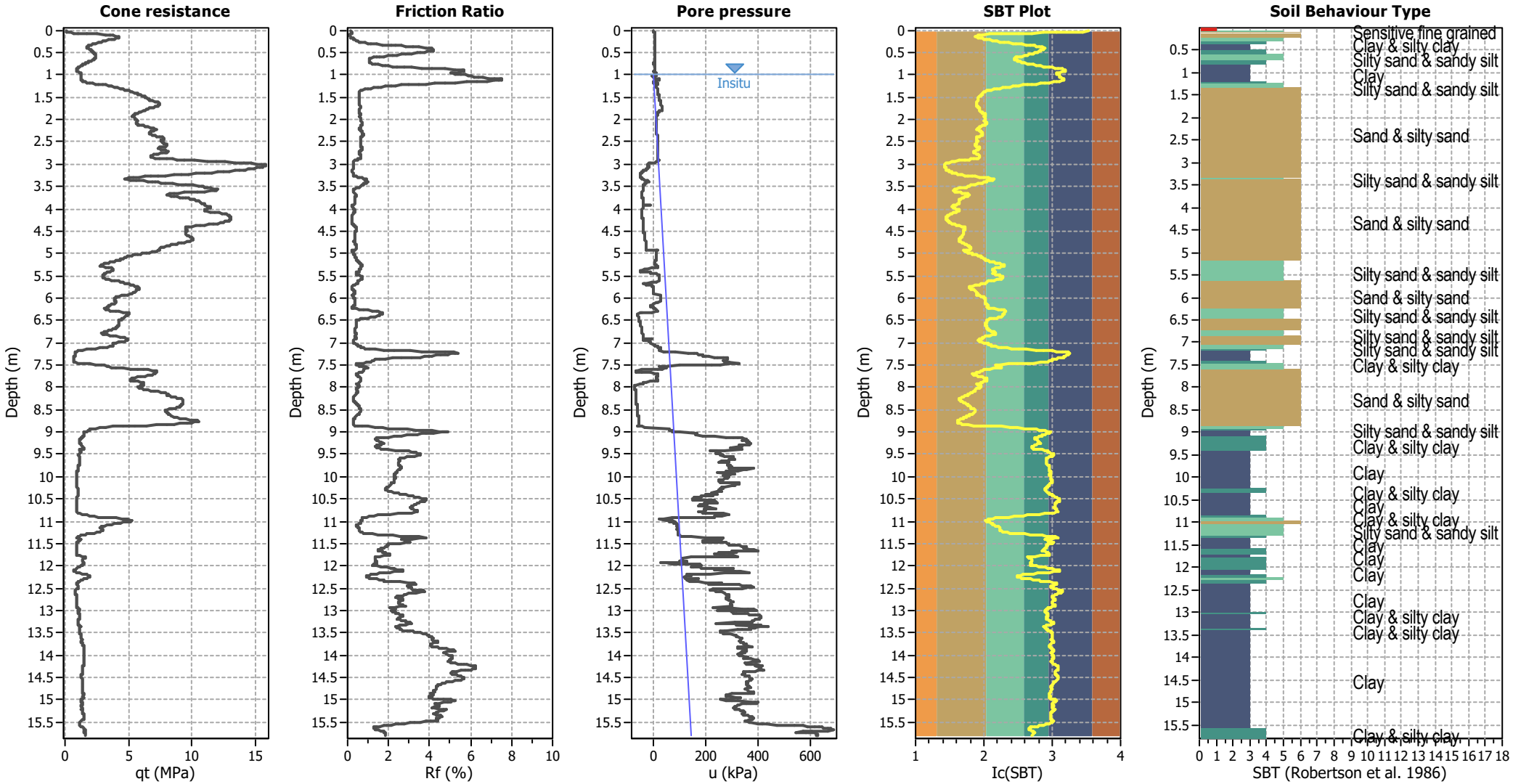






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



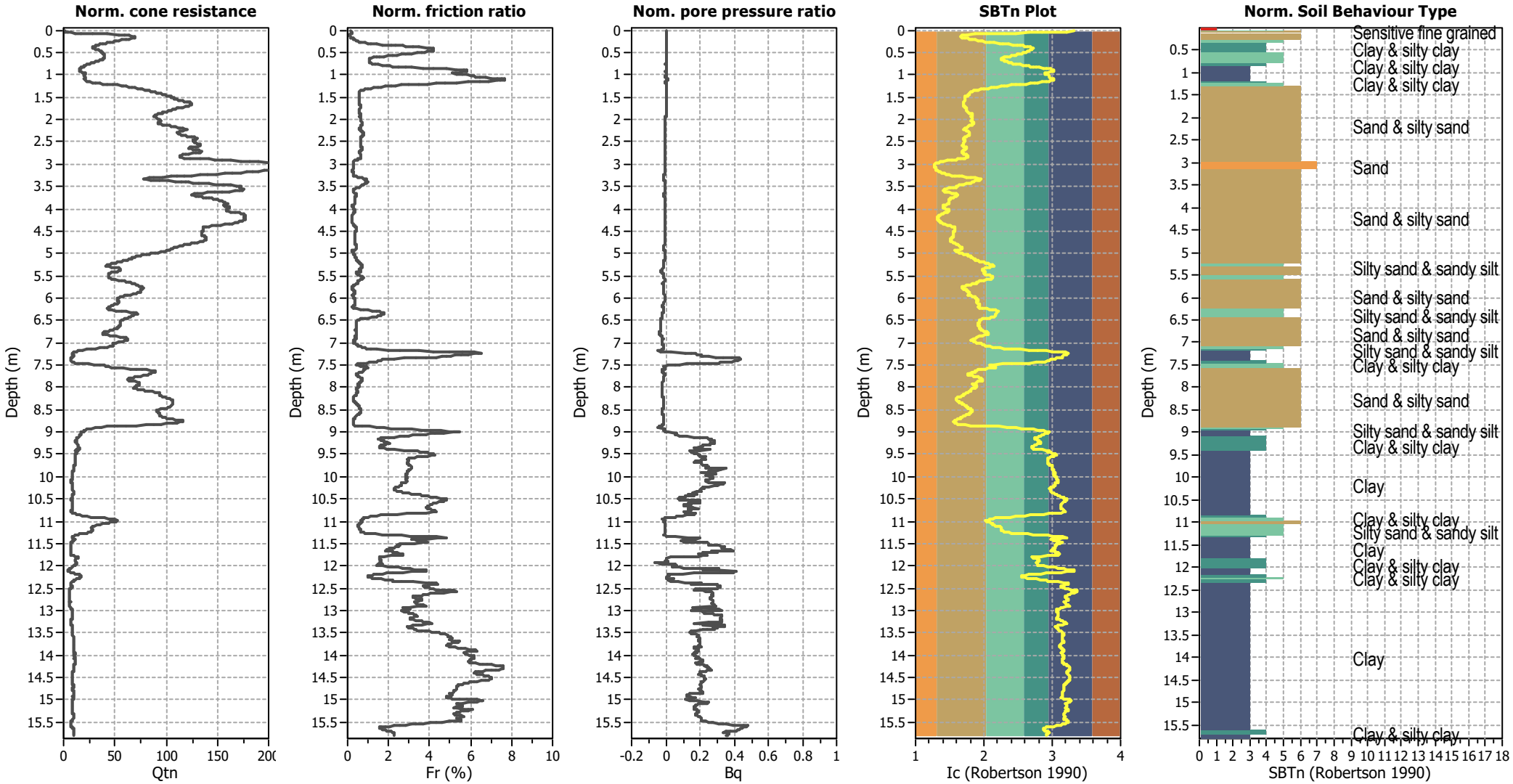
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



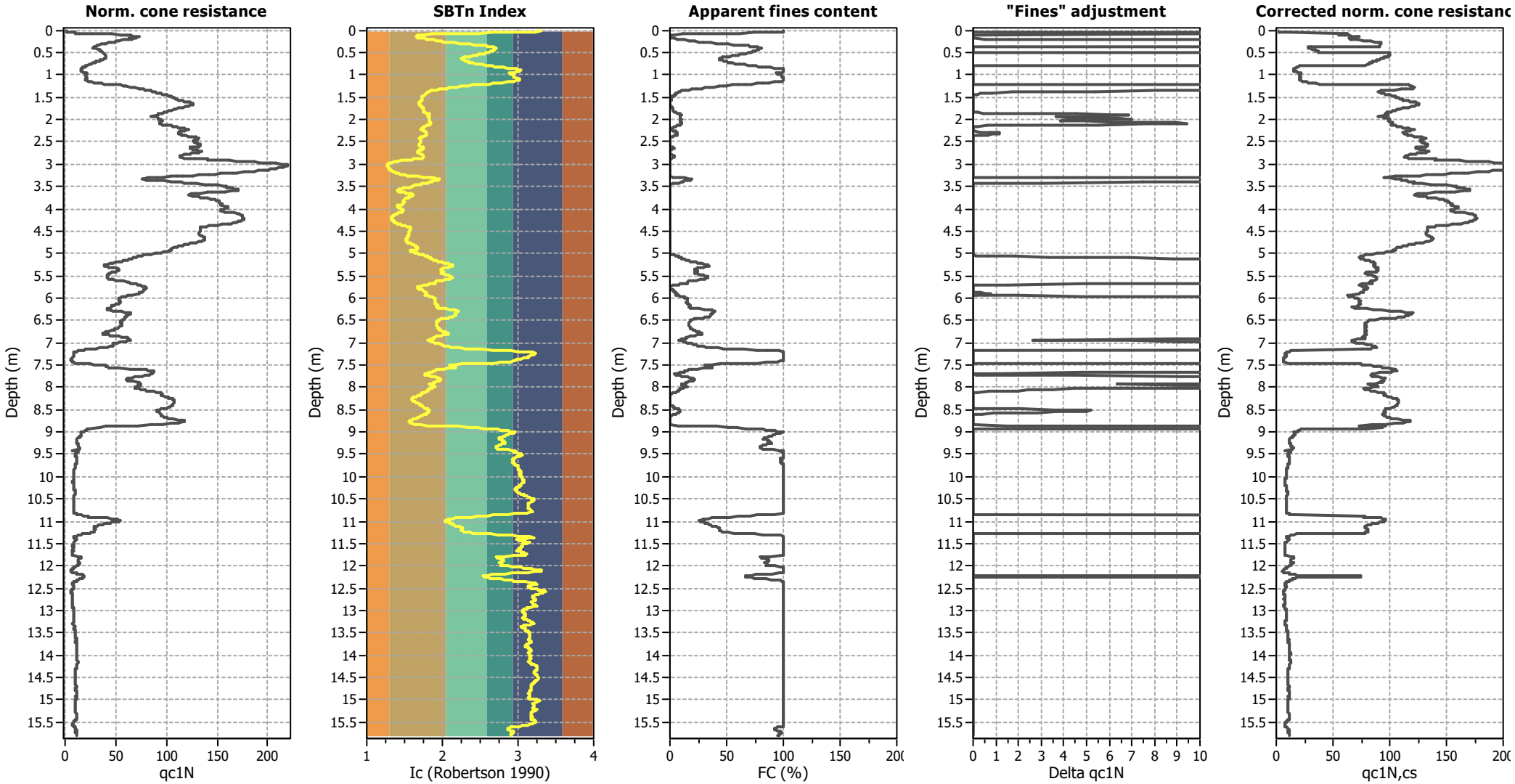
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

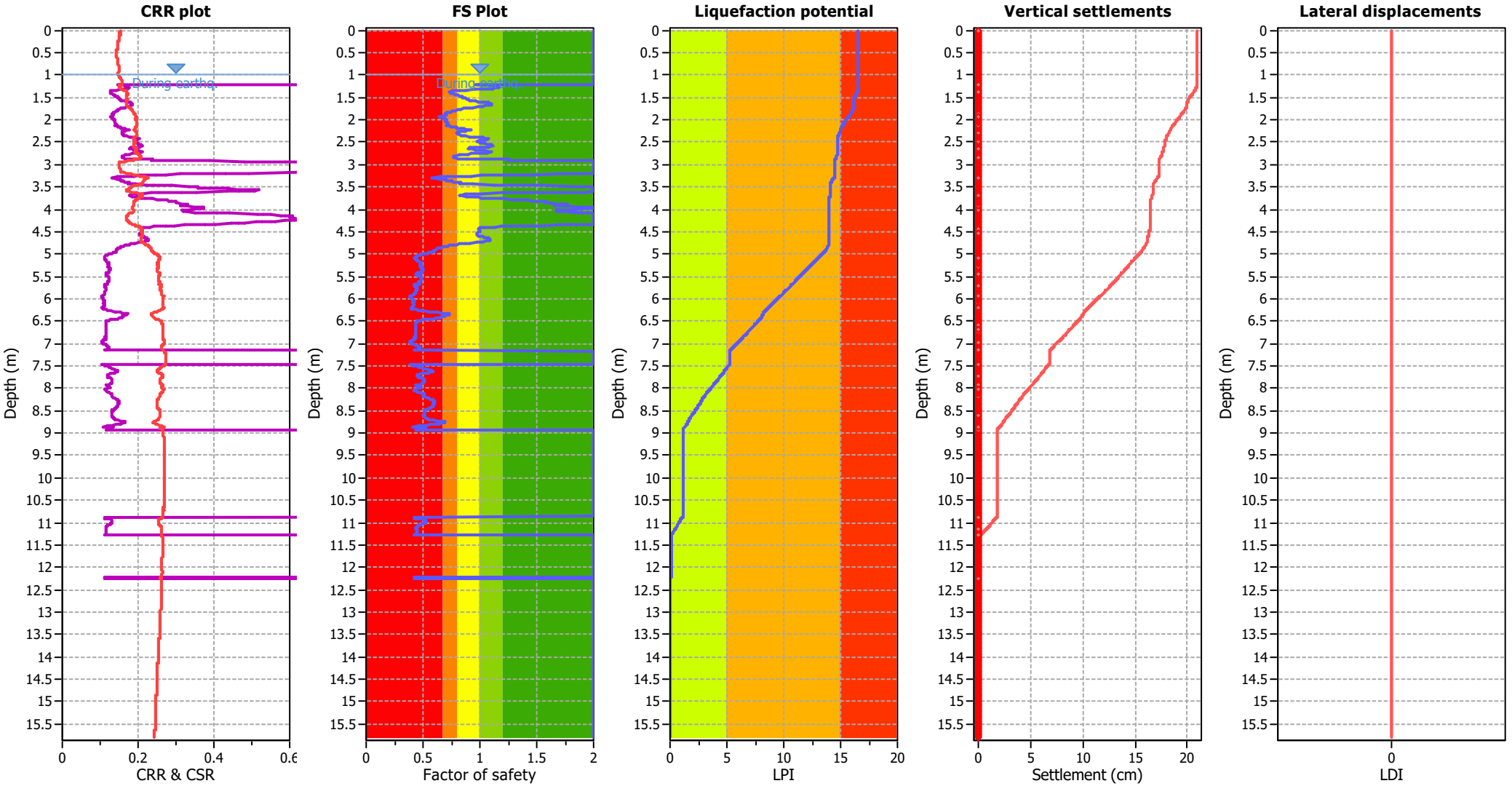
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

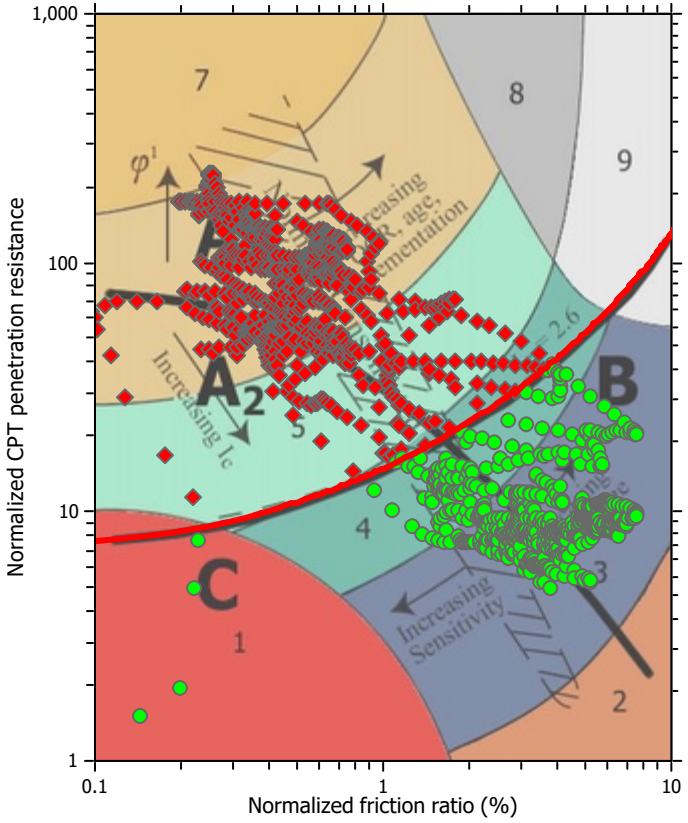
F.S. color scheme

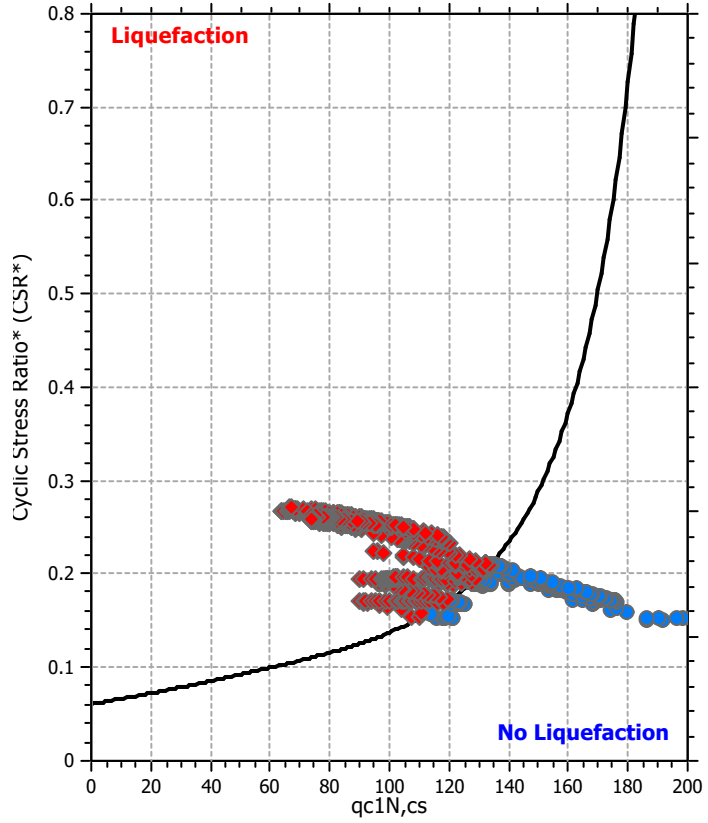
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

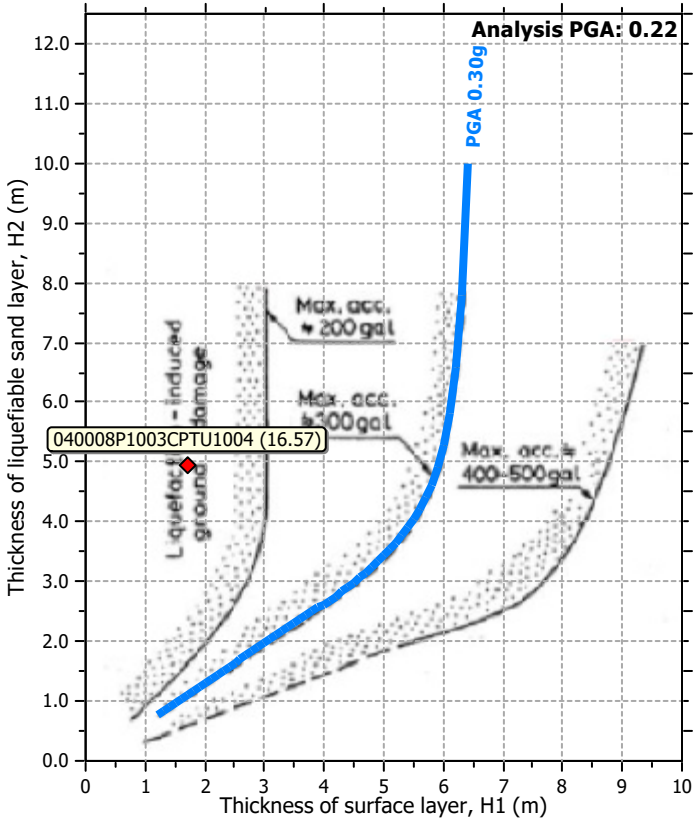
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



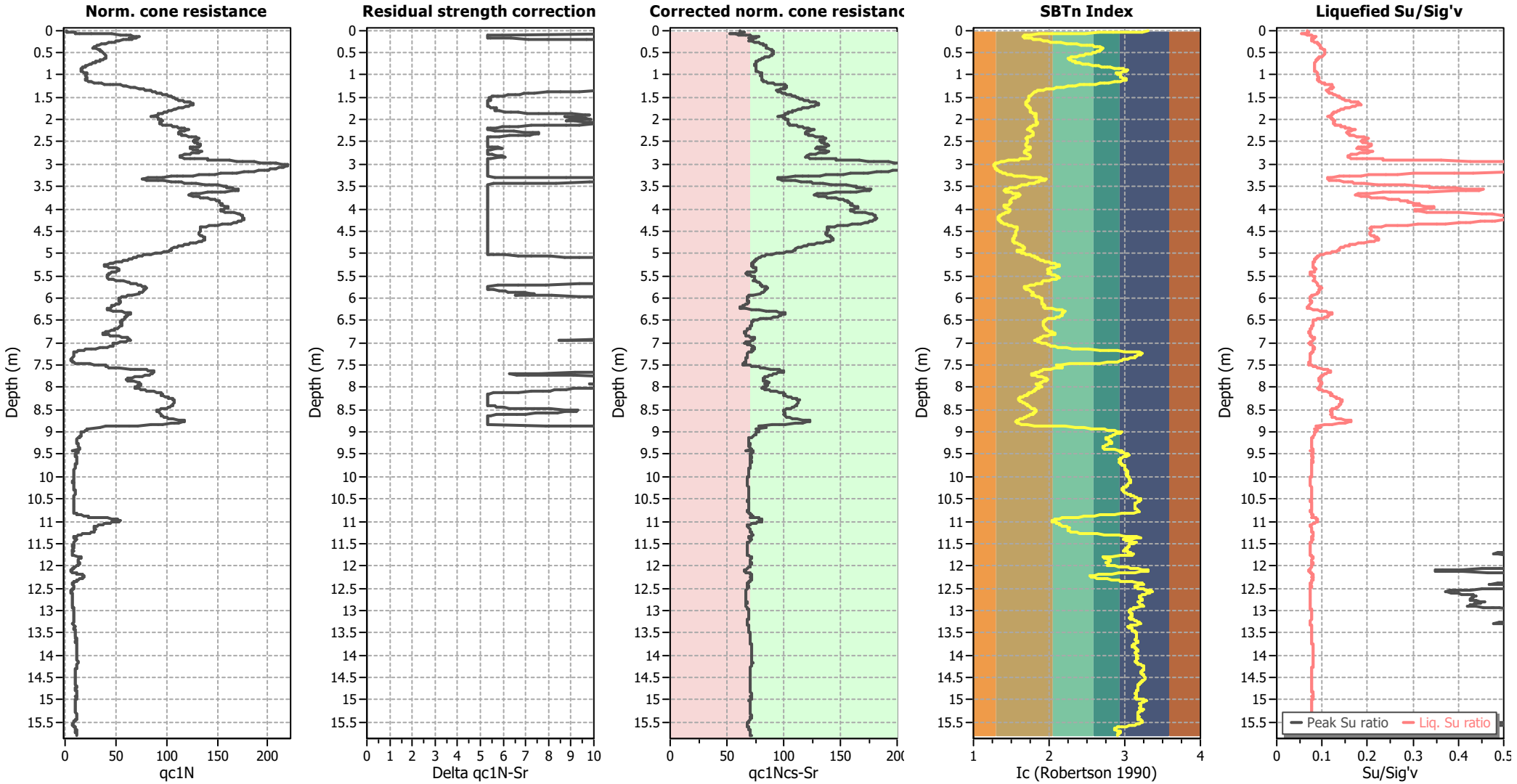




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	2.00	0.00	0.00	0.01	0.00
1.07	2.00	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	2.00	0.00	0.00	0.01	0.00	1.10	2.00	0.00	0.00	0.01	0.00
1.11	2.00	0.00	0.00	0.01	0.00	1.12	2.00	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	2.00	0.00	0.00	0.01	0.00	1.16	2.00	0.00	0.00	0.01	0.00
1.17	2.00	0.00	0.00	0.01	0.00	1.18	2.00	0.00	0.00	0.01	0.00
1.19	2.00	0.00	0.00	0.01	0.00	1.20	2.00	0.00	0.00	0.01	0.00
1.21	0.96	0.00	0.00	0.01	0.00	1.22	0.99	0.00	0.00	0.01	0.00
1.23	1.08	0.00	0.00	0.01	0.00	1.24	1.10	0.00	0.00	0.01	0.00
1.25	1.12	0.00	0.00	0.01	0.00	1.26	1.12	0.00	0.00	0.01	0.00
1.27	1.16	0.00	0.00	0.01	0.00	1.28	1.15	0.00	0.00	0.01	0.00
1.29	1.12	0.00	0.00	0.01	0.00	1.30	1.12	0.00	0.00	0.01	0.00
1.31	1.02	0.00	0.00	0.01	0.00	1.32	0.96	0.00	0.00	0.01	0.00
1.33	0.88	0.00	0.00	0.01	0.01	1.34	0.83	0.17	2.07	0.01	0.02
1.35	0.80	0.20	1.63	0.01	0.02	1.36	0.76	0.24	1.28	0.01	0.02
1.37	0.75	0.25	1.17	0.01	0.02	1.38	0.73	0.27	1.09	0.01	0.02
1.39	0.74	0.26	1.14	0.01	0.02	1.40	0.74	0.26	1.15	0.01	0.02
1.41	0.76	0.24	1.26	0.01	0.02	1.42	0.77	0.23	1.33	0.01	0.02
1.43	0.78	0.22	1.40	0.01	0.02	1.44	0.79	0.21	1.59	0.01	0.02
1.45	0.80	0.20	1.72	0.01	0.02	1.46	0.82	0.18	2.02	0.01	0.02
1.47	0.83	0.17	2.10	0.01	0.02	1.48	0.84	0.16	2.41	0.01	0.01
1.49	0.85	0.00	0.00	0.01	0.01	1.50	0.85	0.00	0.00	0.01	0.01
1.51	0.86	0.00	0.00	0.01	0.01	1.52	0.87	0.00	0.00	0.01	0.01
1.53	0.88	0.00	0.00	0.01	0.01	1.54	0.88	0.00	0.00	0.01	0.01
1.55	0.90	0.00	0.00	0.01	0.01	1.56	0.91	0.00	0.00	0.01	0.01
1.57	0.92	0.00	0.00	0.01	0.01	1.58	0.97	0.00	0.00	0.01	0.00
1.59	0.99	0.00	0.00	0.01	0.00	1.60	1.03	0.00	0.00	0.01	0.00
1.61	1.05	0.00	0.00	0.01	0.00	1.62	1.07	0.00	0.00	0.01	0.00
1.63	1.08	0.00	0.00	0.01	0.00	1.64	1.09	0.00	0.00	0.01	0.00
1.65	1.11	0.00	0.00	0.01	0.00	1.66	1.11	0.00	0.00	0.01	0.00
1.67	1.08	0.00	0.00	0.01	0.00	1.68	1.05	0.00	0.00	0.01	0.00
1.69	1.02	0.00	0.00	0.01	0.00	1.70	1.01	0.00	0.00	0.01	0.00
1.71	0.98	0.00	0.00	0.01	0.00	1.72	0.94	0.00	0.00	0.01	0.01
1.73	0.91	0.00	0.00	0.01	0.01	1.74	0.88	0.00	0.00	0.01	0.01
1.75	0.86	0.00	0.00	0.01	0.01	1.76	0.84	0.16	2.30	0.01	0.01
1.77	0.82	0.18	1.99	0.01	0.02	1.78	0.81	0.19	1.75	0.01	0.02
1.79	0.78	0.22	1.48	0.01	0.02	1.80	0.77	0.23	1.38	0.01	0.02
1.81	0.76	0.24	1.22	0.01	0.02	1.82	0.74	0.26	1.13	0.01	0.02
1.83	0.72	0.28	1.00	0.01	0.03	1.84	0.71	0.29	0.96	0.01	0.03
1.85	0.70	0.30	0.93	0.01	0.03	1.86	0.69	0.31	0.90	0.01	0.03
1.87	0.70	0.30	0.92	0.01	0.03	1.88	0.70	0.30	0.91	0.01	0.03
1.89	0.70	0.30	0.94	0.01	0.03	1.90	0.71	0.29	0.95	0.01	0.03
1.91	0.70	0.30	0.93	0.01	0.03	1.92	0.64	0.36	0.73	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.65	0.35	0.75	0.01	0.03	1.94	0.67	0.33	0.80	0.01	0.03
1.95	0.68	0.32	0.83	0.01	0.03	1.96	0.69	0.31	0.88	0.01	0.03
1.97	0.70	0.30	0.91	0.01	0.03	1.98	0.70	0.30	0.93	0.01	0.03
1.99	0.70	0.30	0.93	0.01	0.03	2.00	0.70	0.30	0.91	0.01	0.03
2.01	0.70	0.30	0.93	0.01	0.03	2.02	0.70	0.30	0.92	0.01	0.03
2.03	0.70	0.30	0.91	0.01	0.03	2.04	0.70	0.30	0.94	0.01	0.03
2.05	0.70	0.30	0.94	0.01	0.03	2.06	0.71	0.29	0.98	0.01	0.03
2.07	0.72	0.28	0.99	0.01	0.03	2.08	0.72	0.28	1.02	0.01	0.02
2.09	0.72	0.28	0.99	0.01	0.03	2.10	0.72	0.28	1.02	0.01	0.02
2.11	0.71	0.29	0.95	0.01	0.03	2.12	0.72	0.28	1.00	0.01	0.03
2.13	0.71	0.29	0.97	0.01	0.03	2.14	0.74	0.26	1.10	0.01	0.02
2.15	0.74	0.26	1.15	0.01	0.02	2.16	0.76	0.24	1.26	0.01	0.02
2.17	0.79	0.21	1.53	0.01	0.02	2.18	0.80	0.20	1.67	0.01	0.02
2.19	0.84	0.16	2.39	0.01	0.01	2.20	0.86	0.00	0.00	0.01	0.01
2.21	0.89	0.00	0.00	0.01	0.01	2.22	0.93	0.00	0.00	0.01	0.01
2.23	0.93	0.00	0.00	0.01	0.01	2.24	0.90	0.00	0.00	0.01	0.01
2.25	0.87	0.00	0.00	0.01	0.01	2.26	0.83	0.17	2.11	0.01	0.02
2.27	0.81	0.19	1.82	0.01	0.02	2.28	0.80	0.20	1.70	0.01	0.02
2.29	0.79	0.21	1.58	0.01	0.02	2.30	0.80	0.20	1.60	0.01	0.02
2.31	0.80	0.20	1.71	0.01	0.02	2.32	0.81	0.19	1.78	0.01	0.02
2.33	0.82	0.18	2.00	0.01	0.02	2.34	0.83	0.17	2.13	0.01	0.02
2.35	0.84	0.00	0.00	0.01	0.01	2.36	0.85	0.00	0.00	0.01	0.01
2.37	0.87	0.00	0.00	0.01	0.01	2.38	0.92	0.00	0.00	0.01	0.01
2.39	0.95	0.00	0.00	0.01	0.00	2.40	1.03	0.00	0.00	0.01	0.00
2.41	1.06	0.00	0.00	0.01	0.00	2.42	1.08	0.00	0.00	0.01	0.00
2.43	1.07	0.00	0.00	0.01	0.00	2.44	1.05	0.00	0.00	0.01	0.00
2.45	1.01	0.00	0.00	0.01	0.00	2.46	0.99	0.00	0.00	0.01	0.00
2.47	0.98	0.00	0.00	0.01	0.00	2.48	0.98	0.00	0.00	0.01	0.00
2.49	0.99	0.00	0.00	0.01	0.00	2.50	1.00	0.00	0.00	0.01	0.00
2.51	1.00	0.00	0.00	0.01	0.00	2.52	1.03	0.00	0.00	0.01	0.00
2.53	1.04	0.00	0.00	0.01	0.00	2.54	1.06	0.00	0.00	0.01	0.00
2.55	1.09	0.00	0.00	0.01	0.00	2.56	1.11	0.00	0.00	0.01	0.00
2.57	1.12	0.00	0.00	0.01	0.00	2.58	1.12	0.00	0.00	0.01	0.00
2.59	1.10	0.00	0.00	0.01	0.00	2.60	1.07	0.00	0.00	0.01	0.00
2.61	1.00	0.00	0.00	0.01	0.00	2.62	0.96	0.00	0.00	0.01	0.00
2.63	0.91	0.00	0.00	0.01	0.01	2.64	0.90	0.00	0.00	0.01	0.01
2.65	0.90	0.00	0.00	0.01	0.01	2.66	0.93	0.00	0.00	0.01	0.01
2.67	0.96	0.00	0.00	0.01	0.00	2.68	1.02	0.00	0.00	0.01	0.00
2.69	1.04	0.00	0.00	0.01	0.00	2.70	1.07	0.00	0.00	0.01	0.00
2.71	1.11	0.00	0.00	0.01	0.00	2.72	1.10	0.00	0.00	0.01	0.00
2.73	1.06	0.00	0.00	0.01	0.00	2.74	1.03	0.00	0.00	0.01	0.00
2.75	0.99	0.00	0.00	0.01	0.00	2.76	0.92	0.00	0.00	0.01	0.01
2.77	0.89	0.00	0.00	0.01	0.01	2.78	0.84	0.16	2.31	0.01	0.01
2.79	0.81	0.19	1.87	0.01	0.02	2.80	0.79	0.21	1.50	0.01	0.02
2.81	0.78	0.22	1.42	0.01	0.02	2.82	0.77	0.23	1.34	0.01	0.02
2.83	0.76	0.24	1.29	0.01	0.02	2.84	0.76	0.24	1.30	0.01	0.02
2.85	0.79	0.21	1.49	0.01	0.02	2.86	0.81	0.19	1.75	0.01	0.02
2.87	0.89	0.00	0.00	0.01	0.01	2.88	0.96	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.25	0.00	0.00	0.01	0.00	2.90	1.25	0.00	0.00	0.01	0.00
2.91	1.24	0.00	0.00	0.01	0.00	2.92	2.00	0.00	0.00	0.01	0.00
2.93	2.00	0.00	0.00	0.01	0.00	2.94	2.00	0.00	0.00	0.01	0.00
2.95	2.00	0.00	0.00	0.01	0.00	2.96	2.00	0.00	0.00	0.01	0.00
2.97	2.00	0.00	0.00	0.01	0.00	2.98	2.00	0.00	0.00	0.01	0.00
2.99	2.00	0.00	0.00	0.01	0.00	3.00	2.00	0.00	0.00	0.01	0.00
3.01	2.00	0.00	0.00	0.01	0.00	3.02	2.00	0.00	0.00	0.01	0.00
3.03	2.00	0.00	0.00	0.01	0.00	3.04	2.00	0.00	0.00	0.01	0.00
3.05	2.00	0.00	0.00	0.01	0.00	3.06	2.00	0.00	0.00	0.01	0.00
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	1.72	0.00	0.00	0.01	0.00	3.22	1.46	0.00	0.00	0.01	0.00
3.23	1.27	0.00	0.00	0.01	0.00	3.24	1.02	0.00	0.00	0.01	0.00
3.25	0.92	0.00	0.00	0.01	0.01	3.26	0.77	0.23	1.33	0.01	0.02
3.27	0.71	0.29	0.97	0.01	0.02	3.28	0.66	0.34	0.77	0.01	0.03
3.29	0.59	0.41	0.61	0.01	0.03	3.30	0.58	0.42	0.59	0.01	0.04
3.31	0.60	0.40	0.64	0.01	0.03	3.32	0.66	0.34	0.77	0.01	0.03
3.33	0.69	0.31	0.86	0.01	0.03	3.34	0.71	0.29	0.95	0.01	0.02
3.35	0.70	0.30	0.94	0.01	0.02	3.36	0.75	0.25	1.19	0.01	0.02
3.37	0.74	0.26	1.11	0.01	0.02	3.38	0.77	0.23	1.33	0.01	0.02
3.39	0.81	0.19	1.87	0.01	0.02	3.40	0.84	0.16	2.38	0.01	0.01
3.41	0.84	0.16	2.34	0.01	0.01	3.42	0.82	0.18	1.88	0.01	0.02
3.43	0.88	0.00	0.00	0.01	0.01	3.44	0.94	0.00	0.00	0.01	0.00
3.45	1.13	0.00	0.00	0.01	0.00	3.46	1.23	0.00	0.00	0.01	0.00
3.47	1.54	0.00	0.00	0.01	0.00	3.48	1.84	0.00	0.00	0.01	0.00
3.49	1.93	0.00	0.00	0.01	0.00	3.50	1.98	0.00	0.00	0.01	0.00
3.51	1.98	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	1.94	0.00	0.00	0.01	0.00	3.62	1.69	0.00	0.00	0.01	0.00
3.63	1.31	0.00	0.00	0.01	0.00	3.64	1.19	0.00	0.00	0.01	0.00
3.65	1.01	0.00	0.00	0.01	0.00	3.66	0.95	0.00	0.00	0.01	0.00
3.67	0.87	0.00	0.00	0.01	0.01	3.68	0.83	0.17	2.11	0.01	0.01
3.69	0.82	0.18	2.05	0.01	0.01	3.70	0.83	0.17	2.23	0.01	0.01
3.71	0.88	0.00	0.00	0.01	0.01	3.72	0.96	0.00	0.00	0.01	0.00
3.73	0.99	0.00	0.00	0.01	0.00	3.74	1.02	0.00	0.00	0.01	0.00
3.75	1.10	0.00	0.00	0.01	0.00	3.76	1.18	0.00	0.00	0.01	0.00
3.77	1.20	0.00	0.00	0.01	0.00	3.78	1.28	0.00	0.00	0.01	0.00
3.79	1.32	0.00	0.00	0.01	0.00	3.80	1.43	0.00	0.00	0.01	0.00
3.81	1.46	0.00	0.00	0.01	0.00	3.82	1.51	0.00	0.00	0.01	0.00
3.83	1.57	0.00	0.00	0.01	0.00	3.84	1.59	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	1.57	0.00	0.00	0.01	0.00	3.86	1.61	0.00	0.00	0.01	0.00
3.87	1.68	0.00	0.00	0.01	0.00	3.88	1.71	0.00	0.00	0.01	0.00
3.89	1.77	0.00	0.00	0.01	0.00	3.90	1.76	0.00	0.00	0.01	0.00
3.91	1.75	0.00	0.00	0.01	0.00	3.92	1.66	0.00	0.00	0.01	0.00
3.93	1.75	0.00	0.00	0.01	0.00	3.94	1.86	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	1.98	0.00	0.00	0.01	0.00
3.99	1.93	0.00	0.00	0.01	0.00	4.00	1.79	0.00	0.00	0.01	0.00
4.01	1.69	0.00	0.00	0.01	0.00	4.02	1.68	0.00	0.00	0.01	0.00
4.03	1.67	0.00	0.00	0.01	0.00	4.04	1.68	0.00	0.00	0.01	0.00
4.05	1.69	0.00	0.00	0.01	0.00	4.06	1.75	0.00	0.00	0.01	0.00
4.07	1.88	0.00	0.00	0.01	0.00	4.08	2.00	0.00	0.00	0.01	0.00
4.09	2.00	0.00	0.00	0.01	0.00	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	2.00	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	2.00	0.00	0.00	0.01	0.00	4.18	2.00	0.00	0.00	0.01	0.00
4.19	2.00	0.00	0.00	0.01	0.00	4.20	2.00	0.00	0.00	0.01	0.00
4.21	2.00	0.00	0.00	0.01	0.00	4.22	2.00	0.00	0.00	0.01	0.00
4.23	2.00	0.00	0.00	0.01	0.00	4.24	2.00	0.00	0.00	0.01	0.00
4.25	2.00	0.00	0.00	0.01	0.00	4.26	2.00	0.00	0.00	0.01	0.00
4.27	2.00	0.00	0.00	0.01	0.00	4.28	2.00	0.00	0.00	0.01	0.00
4.29	2.00	0.00	0.00	0.01	0.00	4.30	2.00	0.00	0.00	0.01	0.00
4.31	2.00	0.00	0.00	0.01	0.00	4.32	2.00	0.00	0.00	0.01	0.00
4.33	2.00	0.00	0.00	0.01	0.00	4.34	2.00	0.00	0.00	0.01	0.00
4.35	1.70	0.00	0.00	0.01	0.00	4.36	1.53	0.00	0.00	0.01	0.00
4.37	1.39	0.00	0.00	0.01	0.00	4.38	1.19	0.00	0.00	0.01	0.00
4.39	1.13	0.00	0.00	0.01	0.00	4.40	1.04	0.00	0.00	0.01	0.00
4.41	1.01	0.00	0.00	0.01	0.00	4.42	1.00	0.00	0.00	0.01	0.00
4.43	0.99	0.00	0.00	0.01	0.00	4.44	0.98	0.00	0.00	0.01	0.00
4.45	0.99	0.00	0.00	0.01	0.00	4.46	1.00	0.00	0.00	0.01	0.00
4.47	1.01	0.00	0.00	0.01	0.00	4.48	1.00	0.00	0.00	0.01	0.00
4.49	1.00	0.00	0.00	0.01	0.00	4.50	1.00	0.00	0.00	0.01	0.00
4.51	0.99	0.00	0.00	0.01	0.00	4.52	0.98	0.00	0.00	0.01	0.00
4.53	0.97	0.00	0.00	0.01	0.00	4.54	0.97	0.00	0.00	0.01	0.00
4.55	0.97	0.00	0.00	0.01	0.00	4.56	0.97	0.00	0.00	0.01	0.00
4.57	0.97	0.00	0.00	0.01	0.00	4.58	0.97	0.00	0.00	0.01	0.00
4.59	0.99	0.00	0.00	0.01	0.00	4.60	1.00	0.00	0.00	0.01	0.00
4.61	1.03	0.00	0.00	0.01	0.00	4.62	1.04	0.00	0.00	0.01	0.00
4.63	1.06	0.00	0.00	0.01	0.00	4.64	1.07	0.00	0.00	0.01	0.00
4.65	1.08	0.00	0.00	0.01	0.00	4.66	1.09	0.00	0.00	0.01	0.00
4.67	1.09	0.00	0.00	0.01	0.00	4.68	1.09	0.00	0.00	0.01	0.00
4.69	1.09	0.00	0.00	0.01	0.00	4.70	1.08	0.00	0.00	0.01	0.00
4.71	1.06	0.00	0.00	0.01	0.00	4.72	1.03	0.00	0.00	0.01	0.00
4.73	1.00	0.00	0.00	0.01	0.00	4.74	0.97	0.00	0.00	0.01	0.00
4.75	0.91	0.00	0.00	0.01	0.01	4.76	0.87	0.00	0.00	0.01	0.01
4.77	0.82	0.18	1.98	0.01	0.01	4.78	0.80	0.20	1.65	0.01	0.02
4.79	0.77	0.23	1.38	0.01	0.02	4.80	0.76	0.24	1.25	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.73	0.27	1.07	0.01	0.02	4.82	0.72	0.28	0.99	0.01	0.02
4.83	0.70	0.30	0.93	0.01	0.02	4.84	0.68	0.32	0.83	0.01	0.02
4.85	0.66	0.34	0.78	0.01	0.03	4.86	0.64	0.36	0.72	0.01	0.03
4.87	0.63	0.37	0.69	0.01	0.03	4.88	0.61	0.39	0.66	0.01	0.03
4.89	0.61	0.39	0.65	0.01	0.03	4.90	0.61	0.39	0.65	0.01	0.03
4.91	0.61	0.39	0.65	0.01	0.03	4.92	0.60	0.40	0.62	0.01	0.03
4.93	0.60	0.40	0.64	0.01	0.03	4.94	0.60	0.40	0.63	0.01	0.03
4.95	0.59	0.41	0.61	0.01	0.03	4.96	0.58	0.42	0.59	0.01	0.03
4.97	0.55	0.45	0.55	0.01	0.03	4.98	0.54	0.46	0.53	0.01	0.03
4.99	0.51	0.49	0.49	0.01	0.04	5.00	0.50	0.50	0.48	0.01	0.04
5.01	0.48	0.52	0.45	0.01	0.04	5.02	0.47	0.53	0.45	0.01	0.04
5.03	0.45	0.55	0.43	0.01	0.04	5.04	0.45	0.55	0.43	0.01	0.04
5.05	0.44	0.56	0.42	0.01	0.04	5.06	0.43	0.57	0.41	0.01	0.04
5.07	0.43	0.57	0.41	0.01	0.04	5.08	0.43	0.57	0.41	0.01	0.04
5.09	0.43	0.57	0.41	0.01	0.04	5.10	0.43	0.57	0.41	0.01	0.04
5.11	0.43	0.57	0.41	0.01	0.04	5.12	0.44	0.56	0.42	0.01	0.04
5.13	0.44	0.56	0.42	0.01	0.04	5.14	0.45	0.55	0.43	0.01	0.04
5.15	0.45	0.55	0.43	0.01	0.04	5.16	0.46	0.54	0.43	0.01	0.04
5.17	0.46	0.54	0.44	0.01	0.04	5.18	0.47	0.53	0.45	0.01	0.04
5.19	0.47	0.53	0.45	0.01	0.04	5.20	0.48	0.52	0.46	0.01	0.04
5.21	0.48	0.52	0.46	0.01	0.04	5.22	0.49	0.51	0.46	0.01	0.04
5.23	0.49	0.51	0.47	0.01	0.04	5.24	0.48	0.52	0.46	0.01	0.04
5.25	0.49	0.51	0.46	0.01	0.04	5.26	0.48	0.52	0.46	0.01	0.04
5.27	0.48	0.52	0.46	0.01	0.04	5.28	0.48	0.52	0.46	0.01	0.04
5.29	0.48	0.52	0.46	0.01	0.04	5.30	0.49	0.51	0.46	0.01	0.04
5.31	0.49	0.51	0.46	0.01	0.04	5.32	0.50	0.50	0.48	0.01	0.04
5.33	0.50	0.50	0.47	0.01	0.04	5.34	0.50	0.50	0.48	0.01	0.04
5.35	0.49	0.51	0.47	0.01	0.04	5.36	0.49	0.51	0.47	0.01	0.04
5.37	0.49	0.51	0.47	0.01	0.04	5.38	0.49	0.51	0.47	0.01	0.04
5.39	0.50	0.50	0.48	0.01	0.04	5.40	0.49	0.51	0.47	0.01	0.04
5.41	0.48	0.52	0.46	0.01	0.04	5.42	0.46	0.54	0.44	0.01	0.04
5.43	0.45	0.55	0.43	0.01	0.04	5.44	0.45	0.55	0.42	0.01	0.04
5.45	0.44	0.56	0.42	0.01	0.04	5.46	0.45	0.55	0.42	0.01	0.04
5.47	0.45	0.55	0.43	0.01	0.04	5.48	0.46	0.54	0.44	0.01	0.04
5.49	0.47	0.53	0.45	0.01	0.04	5.50	0.48	0.52	0.45	0.01	0.04
5.51	0.48	0.52	0.46	0.01	0.04	5.52	0.49	0.51	0.46	0.01	0.04
5.53	0.49	0.51	0.47	0.01	0.04	5.54	0.49	0.51	0.47	0.01	0.04
5.55	0.49	0.51	0.47	0.01	0.04	5.56	0.49	0.51	0.47	0.01	0.04
5.57	0.49	0.51	0.47	0.01	0.04	5.58	0.49	0.51	0.47	0.01	0.04
5.59	0.49	0.51	0.47	0.01	0.04	5.60	0.48	0.52	0.45	0.01	0.04
5.61	0.48	0.52	0.46	0.01	0.04	5.62	0.46	0.54	0.44	0.01	0.04
5.63	0.46	0.54	0.44	0.01	0.04	5.64	0.46	0.54	0.44	0.01	0.04
5.65	0.47	0.53	0.44	0.01	0.04	5.66	0.47	0.53	0.45	0.01	0.04
5.67	0.46	0.54	0.44	0.01	0.04	5.68	0.44	0.56	0.42	0.01	0.04
5.69	0.43	0.57	0.41	0.01	0.04	5.70	0.42	0.58	0.40	0.01	0.04
5.71	0.42	0.58	0.40	0.01	0.04	5.72	0.43	0.57	0.41	0.01	0.04
5.73	0.43	0.57	0.41	0.01	0.04	5.74	0.44	0.56	0.42	0.01	0.04
5.75	0.44	0.56	0.42	0.01	0.04	5.76	0.45	0.55	0.43	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.45	0.55	0.43	0.01	0.04	5.78	0.45	0.55	0.43	0.01	0.04
5.79	0.45	0.55	0.42	0.01	0.04	5.80	0.44	0.56	0.42	0.01	0.04
5.81	0.44	0.56	0.42	0.01	0.04	5.82	0.44	0.56	0.41	0.01	0.04
5.83	0.43	0.57	0.41	0.01	0.04	5.84	0.43	0.57	0.41	0.01	0.04
5.85	0.43	0.57	0.41	0.01	0.04	5.86	0.43	0.57	0.41	0.01	0.04
5.87	0.43	0.57	0.41	0.01	0.04	5.88	0.42	0.58	0.40	0.01	0.04
5.89	0.42	0.58	0.40	0.01	0.04	5.90	0.42	0.58	0.40	0.01	0.04
5.91	0.42	0.58	0.40	0.01	0.04	5.92	0.39	0.61	0.38	0.01	0.04
5.93	0.39	0.61	0.38	0.01	0.04	5.94	0.38	0.62	0.37	0.01	0.04
5.95	0.38	0.62	0.37	0.01	0.04	5.96	0.39	0.61	0.38	0.01	0.04
5.97	0.39	0.61	0.38	0.01	0.04	5.98	0.40	0.60	0.38	0.01	0.04
5.99	0.40	0.60	0.39	0.01	0.04	6.00	0.41	0.59	0.39	0.01	0.04
6.01	0.41	0.59	0.39	0.01	0.04	6.02	0.41	0.59	0.40	0.01	0.04
6.03	0.41	0.59	0.40	0.01	0.04	6.04	0.42	0.58	0.40	0.01	0.04
6.05	0.42	0.58	0.40	0.01	0.04	6.06	0.42	0.58	0.40	0.01	0.04
6.07	0.42	0.58	0.40	0.01	0.04	6.08	0.42	0.58	0.40	0.01	0.04
6.09	0.41	0.59	0.40	0.01	0.04	6.10	0.41	0.59	0.40	0.01	0.04
6.11	0.42	0.58	0.40	0.01	0.04	6.12	0.42	0.58	0.40	0.01	0.04
6.13	0.42	0.58	0.40	0.01	0.04	6.14	0.42	0.58	0.40	0.01	0.04
6.15	0.42	0.58	0.40	0.01	0.04	6.16	0.42	0.58	0.40	0.01	0.04
6.17	0.41	0.59	0.39	0.01	0.04	6.18	0.41	0.59	0.39	0.01	0.04
6.19	0.40	0.60	0.39	0.01	0.04	6.20	0.39	0.61	0.38	0.01	0.04
6.21	0.39	0.61	0.38	0.01	0.04	6.22	0.40	0.60	0.39	0.01	0.04
6.23	0.41	0.59	0.40	0.01	0.04	6.24	0.44	0.56	0.42	0.01	0.04
6.25	0.47	0.53	0.44	0.01	0.04	6.26	0.49	0.51	0.47	0.01	0.04
6.27	0.51	0.49	0.49	0.01	0.03	6.28	0.55	0.45	0.54	0.01	0.03
6.29	0.57	0.43	0.58	0.01	0.03	6.30	0.63	0.37	0.71	0.01	0.03
6.31	0.66	0.34	0.78	0.01	0.02	6.32	0.70	0.30	0.93	0.01	0.02
6.33	0.72	0.28	1.00	0.01	0.02	6.34	0.74	0.26	1.10	0.01	0.02
6.35	0.73	0.27	1.07	0.01	0.02	6.36	0.72	0.28	1.02	0.01	0.02
6.37	0.70	0.30	0.92	0.01	0.02	6.38	0.69	0.31	0.87	0.01	0.02
6.39	0.68	0.32	0.83	0.01	0.02	6.40	0.66	0.34	0.79	0.01	0.02
6.41	0.65	0.35	0.75	0.01	0.02	6.42	0.63	0.37	0.70	0.01	0.02
6.43	0.61	0.39	0.66	0.01	0.03	6.44	0.59	0.41	0.61	0.01	0.03
6.45	0.55	0.45	0.55	0.01	0.03	6.46	0.52	0.48	0.51	0.01	0.03
6.47	0.50	0.50	0.48	0.01	0.03	6.48	0.47	0.53	0.45	0.01	0.04
6.49	0.46	0.54	0.43	0.01	0.04	6.50	0.45	0.55	0.43	0.01	0.04
6.51	0.45	0.55	0.42	0.01	0.04	6.52	0.44	0.56	0.42	0.01	0.04
6.53	0.44	0.56	0.42	0.01	0.04	6.54	0.44	0.56	0.42	0.01	0.04
6.55	0.44	0.56	0.42	0.01	0.04	6.56	0.44	0.56	0.42	0.01	0.04
6.57	0.44	0.56	0.41	0.01	0.04	6.58	0.43	0.57	0.41	0.01	0.04
6.59	0.43	0.57	0.41	0.01	0.04	6.60	0.43	0.57	0.41	0.01	0.04
6.61	0.43	0.57	0.41	0.01	0.04	6.62	0.44	0.56	0.41	0.01	0.04
6.63	0.43	0.57	0.41	0.01	0.04	6.64	0.44	0.56	0.41	0.01	0.04
6.65	0.43	0.57	0.41	0.01	0.04	6.66	0.43	0.57	0.41	0.01	0.04
6.67	0.43	0.57	0.41	0.01	0.04	6.68	0.43	0.57	0.41	0.01	0.04
6.69	0.43	0.57	0.41	0.01	0.04	6.70	0.43	0.57	0.41	0.01	0.04
6.71	0.43	0.57	0.41	0.01	0.04	6.72	0.43	0.57	0.41	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.44	0.56	0.41	0.01	0.04	6.74	0.43	0.57	0.41	0.01	0.04
6.75	0.44	0.56	0.41	0.01	0.04	6.76	0.43	0.57	0.41	0.01	0.04
6.77	0.43	0.57	0.41	0.01	0.04	6.78	0.43	0.57	0.41	0.01	0.04
6.79	0.43	0.57	0.41	0.01	0.04	6.80	0.43	0.57	0.41	0.01	0.04
6.81	0.44	0.56	0.42	0.01	0.04	6.82	0.43	0.57	0.41	0.01	0.04
6.83	0.44	0.56	0.42	0.01	0.04	6.84	0.43	0.57	0.41	0.01	0.04
6.85	0.43	0.57	0.41	0.01	0.04	6.86	0.43	0.57	0.41	0.01	0.04
6.87	0.42	0.58	0.40	0.01	0.04	6.88	0.43	0.57	0.41	0.01	0.04
6.89	0.43	0.57	0.41	0.01	0.04	6.90	0.43	0.57	0.41	0.01	0.04
6.91	0.42	0.58	0.40	0.01	0.04	6.92	0.40	0.60	0.39	0.01	0.04
6.93	0.39	0.61	0.38	0.01	0.04	6.94	0.39	0.61	0.38	0.01	0.04
6.95	0.39	0.61	0.38	0.01	0.04	6.96	0.39	0.61	0.38	0.01	0.04
6.97	0.40	0.60	0.38	0.01	0.04	6.98	0.39	0.61	0.38	0.01	0.04
6.99	0.39	0.61	0.38	0.01	0.04	7.00	0.40	0.60	0.39	0.01	0.04
7.01	0.41	0.59	0.39	0.01	0.04	7.02	0.43	0.57	0.41	0.01	0.04
7.03	0.44	0.56	0.41	0.01	0.04	7.04	0.44	0.56	0.42	0.01	0.04
7.05	0.45	0.55	0.43	0.01	0.04	7.06	0.46	0.54	0.44	0.01	0.03
7.07	0.47	0.53	0.45	0.01	0.03	7.08	0.47	0.53	0.45	0.01	0.03
7.09	0.47	0.53	0.45	0.01	0.03	7.10	0.48	0.52	0.45	0.01	0.03
7.11	0.46	0.54	0.44	0.01	0.03	7.12	0.46	0.54	0.44	0.01	0.03
7.13	0.45	0.55	0.43	0.01	0.04	7.14	0.44	0.56	0.42	0.01	0.04
7.15	0.42	0.58	0.40	0.01	0.04	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	0.39	0.61	0.37	0.01	0.04
7.47	0.39	0.61	0.38	0.01	0.04	7.48	0.41	0.59	0.39	0.01	0.04
7.49	0.42	0.58	0.40	0.01	0.04	7.50	0.42	0.58	0.40	0.01	0.04
7.51	0.45	0.55	0.43	0.01	0.03	7.52	0.46	0.54	0.44	0.01	0.03
7.53	0.48	0.52	0.45	0.01	0.03	7.54	0.49	0.51	0.47	0.01	0.03
7.55	0.50	0.50	0.48	0.01	0.03	7.56	0.53	0.47	0.52	0.01	0.03
7.57	0.53	0.47	0.52	0.01	0.03	7.58	0.57	0.43	0.57	0.01	0.03
7.59	0.55	0.45	0.55	0.01	0.03	7.60	0.55	0.45	0.55	0.01	0.03
7.61	0.58	0.42	0.59	0.01	0.03	7.62	0.57	0.43	0.58	0.01	0.03
7.63	0.59	0.41	0.61	0.01	0.03	7.64	0.57	0.43	0.58	0.01	0.03
7.65	0.55	0.45	0.55	0.01	0.03	7.66	0.52	0.48	0.51	0.01	0.03
7.67	0.49	0.51	0.46	0.01	0.03	7.68	0.47	0.53	0.44	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.46	0.54	0.43	0.01	0.03	7.70	0.46	0.54	0.43	0.01	0.03
7.71	0.45	0.55	0.43	0.01	0.03	7.72	0.45	0.55	0.43	0.01	0.03
7.73	0.45	0.55	0.43	0.01	0.03	7.74	0.45	0.55	0.42	0.01	0.03
7.75	0.46	0.54	0.43	0.01	0.03	7.76	0.48	0.52	0.45	0.01	0.03
7.77	0.48	0.52	0.46	0.01	0.03	7.78	0.50	0.50	0.48	0.01	0.03
7.79	0.51	0.49	0.49	0.01	0.03	7.80	0.51	0.49	0.49	0.01	0.03
7.81	0.51	0.49	0.49	0.01	0.03	7.82	0.51	0.49	0.49	0.01	0.03
7.83	0.51	0.49	0.49	0.01	0.03	7.84	0.51	0.49	0.49	0.01	0.03
7.85	0.51	0.49	0.49	0.01	0.03	7.86	0.51	0.49	0.49	0.01	0.03
7.87	0.50	0.50	0.48	0.01	0.03	7.88	0.50	0.50	0.48	0.01	0.03
7.89	0.49	0.51	0.47	0.01	0.03	7.90	0.49	0.51	0.47	0.01	0.03
7.91	0.47	0.53	0.44	0.01	0.03	7.92	0.44	0.56	0.42	0.01	0.03
7.93	0.44	0.56	0.42	0.01	0.03	7.94	0.45	0.55	0.43	0.01	0.03
7.95	0.47	0.53	0.44	0.01	0.03	7.96	0.47	0.53	0.45	0.01	0.03
7.97	0.48	0.52	0.45	0.01	0.03	7.98	0.48	0.52	0.46	0.01	0.03
7.99	0.48	0.52	0.46	0.01	0.03	8.00	0.46	0.54	0.44	0.01	0.03
8.01	0.44	0.56	0.42	0.01	0.03	8.02	0.42	0.58	0.40	0.01	0.03
8.03	0.42	0.58	0.40	0.01	0.03	8.04	0.43	0.57	0.41	0.01	0.03
8.05	0.43	0.57	0.41	0.01	0.03	8.06	0.44	0.56	0.42	0.01	0.03
8.07	0.45	0.55	0.43	0.01	0.03	8.08	0.46	0.54	0.44	0.01	0.03
8.09	0.46	0.54	0.44	0.01	0.03	8.10	0.47	0.53	0.45	0.01	0.03
8.11	0.48	0.52	0.46	0.01	0.03	8.12	0.49	0.51	0.47	0.01	0.03
8.13	0.51	0.49	0.49	0.01	0.03	8.14	0.51	0.49	0.49	0.01	0.03
8.15	0.51	0.49	0.49	0.01	0.03	8.16	0.51	0.49	0.49	0.01	0.03
8.17	0.51	0.49	0.49	0.01	0.03	8.18	0.51	0.49	0.49	0.01	0.03
8.19	0.52	0.48	0.50	0.01	0.03	8.20	0.54	0.46	0.52	0.01	0.03
8.21	0.54	0.46	0.53	0.01	0.03	8.22	0.54	0.46	0.53	0.01	0.03
8.23	0.55	0.45	0.55	0.01	0.03	8.24	0.56	0.44	0.56	0.01	0.03
8.25	0.57	0.43	0.58	0.01	0.03	8.26	0.58	0.42	0.60	0.01	0.02
8.27	0.59	0.41	0.61	0.01	0.02	8.28	0.60	0.40	0.63	0.01	0.02
8.29	0.60	0.40	0.62	0.01	0.02	8.30	0.59	0.41	0.62	0.01	0.02
8.31	0.60	0.40	0.63	0.01	0.02	8.32	0.60	0.40	0.63	0.01	0.02
8.33	0.60	0.40	0.62	0.01	0.02	8.34	0.60	0.40	0.62	0.01	0.02
8.35	0.60	0.40	0.62	0.01	0.02	8.36	0.59	0.41	0.62	0.01	0.02
8.37	0.59	0.41	0.61	0.01	0.02	8.38	0.59	0.41	0.60	0.01	0.02
8.39	0.58	0.42	0.60	0.01	0.02	8.40	0.58	0.42	0.60	0.01	0.02
8.41	0.58	0.42	0.59	0.01	0.02	8.42	0.57	0.43	0.58	0.01	0.02
8.43	0.56	0.44	0.57	0.01	0.03	8.44	0.56	0.44	0.56	0.01	0.03
8.45	0.55	0.45	0.55	0.01	0.03	8.46	0.54	0.46	0.53	0.01	0.03
8.47	0.53	0.47	0.52	0.01	0.03	8.48	0.53	0.47	0.51	0.01	0.03
8.49	0.52	0.48	0.50	0.01	0.03	8.50	0.52	0.48	0.50	0.01	0.03
8.51	0.52	0.48	0.50	0.01	0.03	8.52	0.52	0.48	0.50	0.01	0.03
8.53	0.51	0.49	0.50	0.01	0.03	8.54	0.52	0.48	0.50	0.01	0.03
8.55	0.51	0.49	0.49	0.01	0.03	8.56	0.51	0.49	0.50	0.01	0.03
8.57	0.51	0.49	0.49	0.01	0.03	8.58	0.51	0.49	0.49	0.01	0.03
8.59	0.51	0.49	0.49	0.01	0.03	8.60	0.51	0.49	0.49	0.01	0.03
8.61	0.51	0.49	0.49	0.01	0.03	8.62	0.51	0.49	0.49	0.01	0.03
8.63	0.51	0.49	0.49	0.01	0.03	8.64	0.51	0.49	0.49	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	0.52	0.48	0.50	0.01	0.03	8.66	0.52	0.48	0.51	0.01	0.03
8.67	0.54	0.46	0.53	0.01	0.03	8.68	0.54	0.46	0.54	0.01	0.03
8.69	0.55	0.45	0.55	0.01	0.03	8.70	0.57	0.43	0.58	0.01	0.02
8.71	0.59	0.41	0.61	0.01	0.02	8.72	0.63	0.37	0.70	0.01	0.02
8.73	0.66	0.34	0.77	0.01	0.02	8.74	0.67	0.33	0.82	0.01	0.02
8.75	0.69	0.31	0.88	0.01	0.02	8.76	0.70	0.30	0.90	0.01	0.02
8.77	0.69	0.31	0.89	0.01	0.02	8.78	0.67	0.33	0.82	0.01	0.02
8.79	0.63	0.37	0.71	0.01	0.02	8.80	0.60	0.40	0.63	0.01	0.02
8.81	0.58	0.42	0.59	0.01	0.02	8.82	0.52	0.48	0.50	0.01	0.03
8.83	0.49	0.51	0.47	0.01	0.03	8.84	0.46	0.54	0.44	0.01	0.03
8.85	0.41	0.59	0.39	0.01	0.03	8.86	0.46	0.54	0.43	0.01	0.03
8.87	0.52	0.48	0.50	0.01	0.03	8.88	0.49	0.51	0.47	0.01	0.03
8.89	0.49	0.51	0.46	0.01	0.03	8.90	0.49	0.51	0.47	0.01	0.03
8.91	0.50	0.50	0.48	0.01	0.03	8.92	0.44	0.56	0.42	0.01	0.03
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	0.42	0.58	0.40	0.01	0.03	10.88	0.43	0.57	0.41	0.01	0.03
10.89	0.44	0.56	0.42	0.01	0.03	10.90	0.44	0.56	0.42	0.01	0.03
10.91	0.43	0.57	0.41	0.01	0.03	10.92	0.48	0.52	0.45	0.01	0.02
10.93	0.50	0.50	0.48	0.01	0.02	10.94	0.51	0.49	0.49	0.01	0.02
10.95	0.52	0.48	0.50	0.01	0.02	10.96	0.52	0.48	0.51	0.01	0.02
10.97	0.52	0.48	0.51	0.01	0.02	10.98	0.52	0.48	0.50	0.01	0.02
10.99	0.51	0.49	0.50	0.01	0.02	11.00	0.52	0.48	0.50	0.01	0.02
11.01	0.50	0.50	0.48	0.01	0.02	11.02	0.51	0.49	0.49	0.01	0.02
11.03	0.50	0.50	0.48	0.01	0.02	11.04	0.49	0.51	0.47	0.01	0.02
11.05	0.49	0.51	0.46	0.01	0.02	11.06	0.47	0.53	0.44	0.01	0.02
11.07	0.46	0.54	0.44	0.01	0.02	11.08	0.45	0.55	0.43	0.01	0.02
11.09	0.45	0.55	0.42	0.01	0.02	11.10	0.44	0.56	0.42	0.01	0.02
11.11	0.44	0.56	0.42	0.01	0.02	11.12	0.44	0.56	0.42	0.01	0.02
11.13	0.44	0.56	0.42	0.01	0.02	11.14	0.44	0.56	0.42	0.01	0.02
11.15	0.44	0.56	0.42	0.01	0.02	11.16	0.44	0.56	0.42	0.01	0.02
11.17	0.45	0.55	0.42	0.01	0.02	11.18	0.45	0.55	0.42	0.01	0.02
11.19	0.45	0.55	0.43	0.01	0.02	11.20	0.45	0.55	0.42	0.01	0.02
11.21	0.45	0.55	0.42	0.01	0.02	11.22	0.45	0.55	0.42	0.01	0.02
11.23	0.45	0.55	0.42	0.01	0.02	11.24	0.44	0.56	0.42	0.01	0.02
11.25	0.44	0.56	0.42	0.01	0.02	11.26	0.44	0.56	0.42	0.01	0.02
11.27	0.43	0.57	0.41	0.01	0.02	11.28	0.42	0.58	0.41	0.01	0.03
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	0.43	0.57	0.41	0.01	0.02
12.23	0.43	0.57	0.41	0.01	0.02	12.24	0.43	0.57	0.41	0.01	0.02
12.25	0.42	0.58	0.41	0.01	0.02	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00

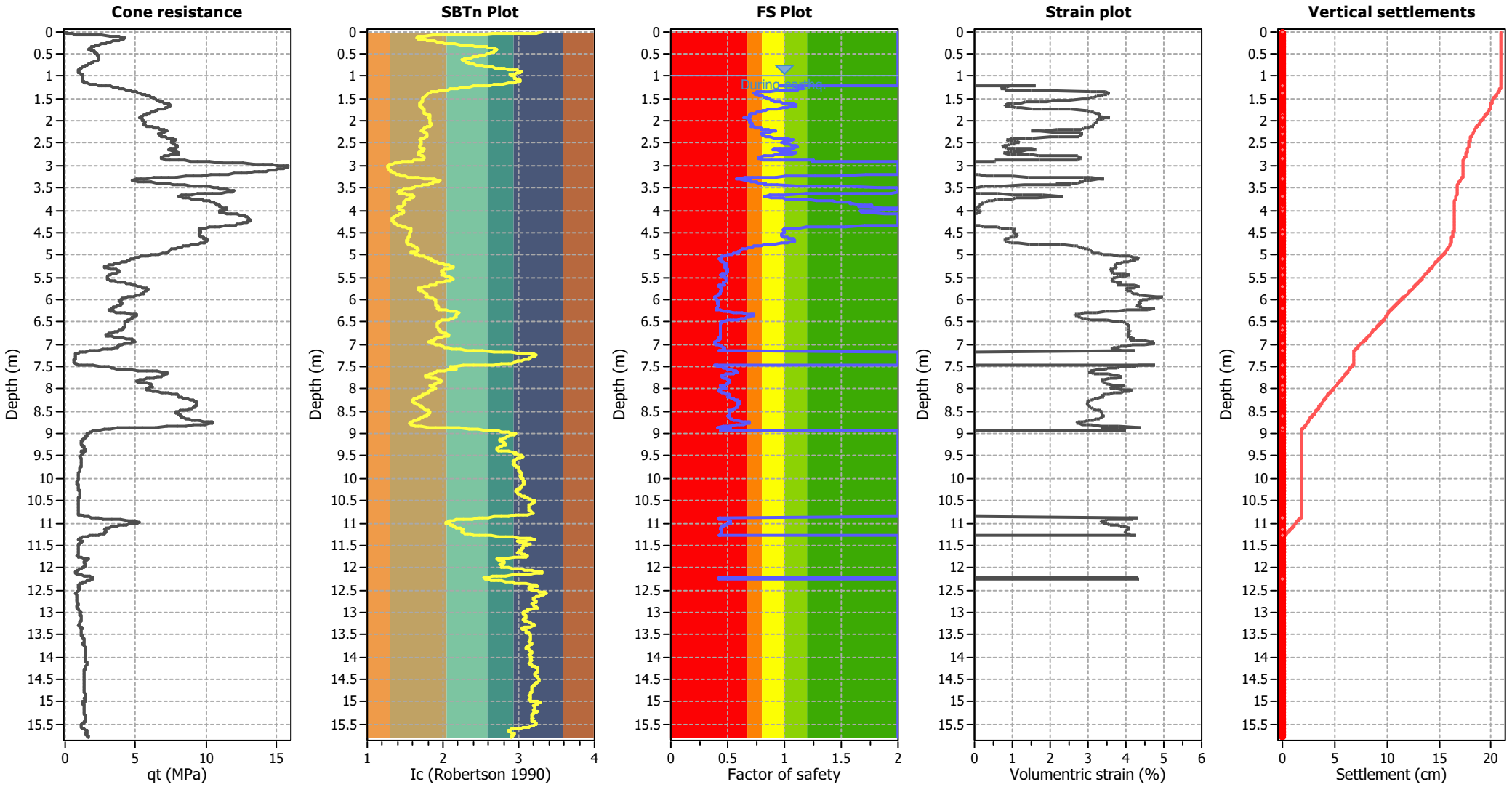
Overall liquefaction potential: 16.57

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	20.47	2.00	0.00	1.00	0.00	1.01	20.13	2.00	0.00	1.00	0.00
1.02	20.47	2.00	0.00	1.00	0.00	1.03	20.80	2.00	0.00	1.00	0.00
1.04	21.14	2.00	0.00	1.00	0.00	1.05	21.31	2.00	0.00	1.00	0.00
1.06	21.14	2.00	0.00	1.00	0.00	1.07	21.14	2.00	0.00	1.00	0.00
1.08	20.64	2.00	0.00	1.00	0.00	1.09	20.64	2.00	0.00	1.00	0.00
1.10	20.47	2.00	0.00	1.00	0.00	1.11	20.64	2.00	0.00	1.00	0.00
1.12	21.14	2.00	0.00	1.00	0.00	1.13	21.81	2.00	0.00	1.00	0.00
1.14	22.48	2.00	0.00	1.00	0.00	1.15	24.83	2.00	0.00	1.00	0.00
1.16	26.34	2.00	0.00	1.00	0.00	1.17	28.19	2.00	0.00	1.00	0.00
1.18	32.55	2.00	0.00	1.00	0.00	1.19	35.23	2.00	0.00	1.00	0.00
1.20	38.09	2.00	0.00	1.00	0.00	1.21	107.26	0.96	1.60	1.00	0.02
1.22	109.94	0.99	1.33	1.00	0.01	1.23	116.08	1.08	0.91	1.00	0.01
1.24	117.87	1.10	0.83	1.00	0.01	1.25	118.90	1.12	0.79	1.00	0.01
1.26	119.00	1.12	0.80	1.00	0.01	1.27	121.64	1.16	0.69	1.00	0.01
1.28	121.16	1.15	0.72	1.00	0.01	1.29	119.77	1.12	0.79	1.00	0.01
1.30	120.00	1.12	0.79	1.00	0.01	1.31	114.23	1.02	1.14	1.00	0.01
1.32	110.67	0.96	1.49	1.00	0.01	1.33	103.77	0.88	3.09	1.00	0.03
1.34	99.15	0.83	3.24	1.00	0.03	1.35	96.52	0.80	3.33	1.00	0.03
1.36	92.71	0.76	3.47	1.00	0.03	1.37	91.11	0.75	3.53	1.00	0.04
1.38	89.82	0.73	3.58	1.00	0.04	1.39	91.16	0.74	3.53	1.00	0.04
1.40	91.79	0.74	3.50	1.00	0.04	1.41	93.96	0.76	3.42	1.00	0.03
1.42	95.28	0.77	3.37	1.00	0.03	1.43	96.50	0.78	3.33	1.00	0.03
1.44	98.76	0.79	3.25	1.00	0.03	1.45	100.02	0.80	3.21	1.00	0.03
1.46	102.18	0.82	3.14	1.00	0.03	1.47	102.85	0.83	3.12	1.00	0.03
1.48	104.36	0.84	3.08	1.00	0.03	1.49	105.03	0.85	3.06	1.00	0.03
1.50	105.70	0.85	3.03	1.00	0.03	1.51	107.04	0.86	3.00	1.00	0.03
1.52	107.71	0.87	2.85	1.00	0.03	1.53	108.89	0.88	2.51	1.00	0.03
1.54	109.39	0.88	2.41	1.00	0.02	1.55	110.90	0.90	2.08	1.00	0.02
1.56	111.91	0.91	1.92	1.00	0.02	1.57	113.25	0.92	1.73	1.00	0.02
1.58	116.44	0.97	1.37	1.00	0.01	1.59	118.11	0.99	1.23	1.00	0.01
1.60	120.63	1.03	1.05	1.00	0.01	1.61	121.81	1.05	0.98	1.00	0.01
1.62	123.48	1.07	0.89	1.00	0.01	1.63	124.15	1.08	0.86	1.00	0.01
1.64	124.66	1.09	0.84	1.00	0.01	1.65	125.66	1.11	0.80	1.00	0.01
1.66	125.83	1.11	0.80	1.00	0.01	1.67	124.32	1.08	0.88	1.00	0.01
1.68	123.32	1.05	0.95	1.00	0.01	1.69	121.64	1.02	1.06	1.00	0.01
1.70	120.97	1.01	1.12	1.00	0.01	1.71	119.46	0.98	1.25	1.00	0.01
1.72	116.60	0.94	1.54	1.00	0.02	1.73	114.93	0.91	1.79	1.00	0.02
1.74	112.58	0.88	2.25	1.00	0.02	1.75	111.57	0.86	2.54	1.00	0.03
1.76	109.39	0.84	2.93	1.00	0.03	1.77	108.22	0.82	2.96	1.00	0.03
1.78	107.04	0.81	3.00	1.00	0.03	1.79	105.03	0.78	3.06	1.00	0.03
1.80	104.19	0.77	3.08	1.00	0.03	1.81	102.34	0.76	3.14	1.00	0.03
1.82	101.01	0.74	3.18	1.00	0.03	1.83	98.36	0.72	3.27	1.00	0.03
1.84	97.48	0.71	3.30	1.00	0.03	1.85	96.95	0.70	3.32	1.00	0.03
1.86	96.08	0.69	3.35	1.00	0.03	1.87	96.97	0.70	3.32	1.00	0.03
1.88	96.97	0.70	3.32	1.00	0.03	1.89	97.87	0.70	3.28	1.00	0.03
1.90	98.46	0.71	3.26	1.00	0.03	1.91	97.87	0.70	3.28	1.00	0.03
1.92	90.24	0.64	3.56	1.00	0.04	1.93	91.58	0.65	3.51	1.00	0.04
1.94	94.09	0.67	3.42	1.00	0.03	1.95	95.42	0.68	3.37	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	97.15	0.69	3.31	1.00	0.03	1.97	98.28	0.70	3.27	1.00	0.03
1.98	98.96	0.70	3.25	1.00	0.03	1.99	99.30	0.70	3.24	1.00	0.03
2.00	98.87	0.70	3.25	1.00	0.03	2.01	99.65	0.70	3.22	1.00	0.03
2.02	99.33	0.70	3.24	1.00	0.03	2.03	99.35	0.70	3.23	1.00	0.03
2.04	100.21	0.70	3.21	1.00	0.03	2.05	100.39	0.70	3.20	1.00	0.03
2.06	101.64	0.71	3.16	1.00	0.03	2.07	102.02	0.72	3.15	1.00	0.03
2.08	102.71	0.72	3.13	1.00	0.03	2.09	102.25	0.72	3.14	1.00	0.03
2.10	102.93	0.72	3.12	1.00	0.03	2.11	101.47	0.71	3.17	1.00	0.03
2.12	102.82	0.72	3.12	1.00	0.03	2.13	102.16	0.71	3.14	1.00	0.03
2.14	105.02	0.74	3.06	1.00	0.03	2.15	106.03	0.74	3.03	1.00	0.03
2.16	107.75	0.76	2.98	1.00	0.03	2.17	110.57	0.79	2.90	1.00	0.03
2.18	111.74	0.80	2.86	1.00	0.03	2.19	115.09	0.84	2.63	1.00	0.03
2.20	116.94	0.86	2.18	1.00	0.02	2.21	118.79	0.89	1.86	1.00	0.02
2.22	121.64	0.93	1.49	1.00	0.01	2.23	121.64	0.93	1.50	1.00	0.01
2.24	119.79	0.90	1.74	1.00	0.02	2.25	117.78	0.87	2.08	1.00	0.02
2.26	114.76	0.83	2.78	1.00	0.03	2.27	113.50	0.81	2.82	1.00	0.03
2.28	112.93	0.80	2.83	1.00	0.03	2.29	112.17	0.79	2.85	1.00	0.03
2.30	112.40	0.80	2.85	1.00	0.03	2.31	113.25	0.80	2.82	1.00	0.03
2.32	113.78	0.81	2.81	1.00	0.03	2.33	114.94	0.82	2.78	1.00	0.03
2.34	115.55	0.83	2.76	1.00	0.03	2.35	116.84	0.84	2.42	1.00	0.02
2.36	117.63	0.85	2.25	1.00	0.02	2.37	118.99	0.87	1.99	1.00	0.02
2.38	122.14	0.92	1.55	1.00	0.02	2.39	124.15	0.95	1.34	1.00	0.01
2.40	128.68	1.03	0.99	1.00	0.01	2.41	130.19	1.06	0.90	1.00	0.01
2.42	131.54	1.08	0.83	1.00	0.01	2.43	131.20	1.07	0.85	1.00	0.01
2.44	130.03	1.05	0.92	1.00	0.01	2.45	128.01	1.01	1.06	1.00	0.01
2.46	127.34	0.99	1.11	1.00	0.01	2.47	126.50	0.98	1.18	1.00	0.01
2.48	126.67	0.98	1.17	1.00	0.01	2.49	127.01	0.99	1.14	1.00	0.01
2.50	127.85	1.00	1.09	1.00	0.01	2.51	128.01	1.00	1.08	1.00	0.01
2.52	129.36	1.03	0.99	1.00	0.01	2.53	130.19	1.04	0.94	1.00	0.01
2.54	131.20	1.06	0.89	1.00	0.01	2.55	132.71	1.09	0.81	1.00	0.01
2.56	133.38	1.11	0.77	1.00	0.01	2.57	133.93	1.12	0.75	1.00	0.01
2.58	133.95	1.12	0.75	1.00	0.01	2.59	133.17	1.10	0.79	1.00	0.01
2.60	132.12	1.07	0.85	1.00	0.01	2.61	128.52	1.00	1.08	1.00	0.01
2.62	126.50	0.96	1.23	1.00	0.01	2.63	123.32	0.91	1.56	1.00	0.02
2.64	122.82	0.90	1.62	1.00	0.02	2.65	122.98	0.90	1.61	1.00	0.02
2.66	124.99	0.93	1.39	1.00	0.01	2.67	126.84	0.96	1.23	1.00	0.01
2.68	129.74	1.02	1.01	1.00	0.01	2.69	131.09	1.04	0.93	1.00	0.01
2.70	132.56	1.07	0.85	1.00	0.01	2.71	134.16	1.11	0.77	1.00	0.01
2.72	133.91	1.10	0.78	1.00	0.01	2.73	132.09	1.06	0.88	1.00	0.01
2.74	130.66	1.03	0.97	1.00	0.01	2.75	128.83	0.99	1.10	1.00	0.01
2.76	124.86	0.92	1.45	1.00	0.01	2.77	122.88	0.89	1.68	1.00	0.02
2.78	119.12	0.84	2.36	1.00	0.02	2.79	117.44	0.81	2.72	1.00	0.03
2.80	115.26	0.79	2.77	1.00	0.03	2.81	114.59	0.78	2.79	1.00	0.03
2.82	113.92	0.77	2.81	1.00	0.03	2.83	113.43	0.76	2.82	1.00	0.03
2.84	113.59	0.76	2.81	1.00	0.03	2.85	115.43	0.79	2.77	1.00	0.03
2.86	117.23	0.81	2.72	1.00	0.03	2.87	123.03	0.89	1.72	1.00	0.02
2.88	127.69	0.96	1.22	1.00	0.01	2.89	140.48	1.25	0.52	1.00	0.01
2.90	140.36	1.25	0.53	1.00	0.01	2.91	140.24	1.24	0.53	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	161.67	2.00	0.00	1.00	0.00	2.93	168.51	2.00	0.00	1.00	0.00
2.94	174.46	2.00	0.00	1.00	0.00	2.95	186.60	2.00	0.00	1.00	0.00
2.96	192.22	2.00	0.00	1.00	0.00	2.97	202.75	2.00	0.00	1.00	0.00
2.98	207.23	2.00	0.00	1.00	0.00	2.99	213.81	2.00	0.00	1.00	0.00
3.00	215.91	2.00	0.00	1.00	0.00	3.01	219.38	2.00	0.00	1.00	0.00
3.02	219.36	2.00	0.00	1.00	0.00	3.03	219.02	2.00	0.00	1.00	0.00
3.04	218.14	2.00	0.00	1.00	0.00	3.05	217.48	2.00	0.00	1.00	0.00
3.06	215.44	2.00	0.00	1.00	0.00	3.07	214.14	2.00	0.00	1.00	0.00
3.08	210.70	2.00	0.00	1.00	0.00	3.09	207.43	2.00	0.00	1.00	0.00
3.10	205.78	2.00	0.00	1.00	0.00	3.11	202.59	2.00	0.00	1.00	0.00
3.12	201.37	2.00	0.00	1.00	0.00	3.13	198.82	2.00	0.00	1.00	0.00
3.14	196.60	2.00	0.00	1.00	0.00	3.15	190.59	2.00	0.00	1.00	0.00
3.16	186.66	2.00	0.00	1.00	0.00	3.17	179.99	2.00	0.00	1.00	0.00
3.18	176.34	2.00	0.00	1.00	0.00	3.19	169.20	2.00	0.00	1.00	0.00
3.20	165.13	2.00	0.00	1.00	0.00	3.21	153.42	1.72	0.13	1.00	0.00
3.22	147.61	1.46	0.30	1.00	0.00	3.23	142.22	1.27	0.49	1.00	0.00
3.24	131.84	1.02	1.00	1.00	0.01	3.25	126.76	0.92	1.42	1.00	0.01
3.26	115.99	0.77	2.75	1.00	0.03	3.27	110.78	0.71	2.89	1.00	0.03
3.28	104.92	0.66	3.06	1.00	0.03	3.29	95.80	0.59	3.36	1.00	0.03
3.30	94.31	0.58	3.41	1.00	0.03	3.31	98.09	0.60	3.28	1.00	0.03
3.32	104.97	0.66	3.06	1.00	0.03	3.33	108.34	0.69	2.96	1.00	0.03
3.34	110.47	0.71	2.90	1.00	0.03	3.35	110.31	0.70	2.90	1.00	0.03
3.36	114.76	0.75	2.78	1.00	0.03	3.37	113.72	0.74	2.81	1.00	0.03
3.38	116.41	0.77	2.74	1.00	0.03	3.39	120.15	0.81	2.58	1.00	0.03
3.40	121.99	0.84	2.15	1.00	0.02	3.41	121.90	0.84	2.18	1.00	0.02
3.42	120.29	0.82	2.56	1.00	0.03	3.43	125.12	0.88	1.66	1.00	0.02
3.44	128.56	0.94	1.30	1.00	0.01	3.45	137.38	1.13	0.72	1.00	0.01
3.46	141.36	1.23	0.55	1.00	0.01	3.47	150.04	1.54	0.25	1.00	0.00
3.48	156.24	1.84	0.07	1.00	0.00	3.49	157.75	1.93	0.03	1.00	0.00
3.50	158.67	1.98	0.01	1.00	0.00	3.51	158.67	1.98	0.01	1.00	0.00
3.52	159.95	2.00	0.00	1.00	0.00	3.53	161.56	2.00	0.00	1.00	0.00
3.54	165.34	2.00	0.00	1.00	0.00	3.55	166.93	2.00	0.00	1.00	0.00
3.56	170.19	2.00	0.00	1.00	0.00	3.57	170.99	2.00	0.00	1.00	0.00
3.58	170.20	2.00	0.00	1.00	0.00	3.59	167.64	2.00	0.00	1.00	0.00
3.60	165.27	2.00	0.00	1.00	0.00	3.61	158.19	1.94	0.02	1.00	0.00
3.62	153.58	1.69	0.15	1.00	0.00	3.63	144.34	1.31	0.44	1.00	0.00
3.64	140.20	1.19	0.61	1.00	0.01	3.65	132.77	1.01	1.00	1.00	0.01
3.66	129.40	0.95	1.26	1.00	0.01	3.67	124.52	0.87	1.81	1.00	0.02
3.68	121.96	0.83	2.28	1.00	0.02	3.69	121.74	0.82	2.33	1.00	0.02
3.70	122.39	0.83	2.20	1.00	0.02	3.71	125.87	0.88	1.64	1.00	0.02
3.72	130.05	0.96	1.22	1.00	0.01	3.73	131.65	0.99	1.09	1.00	0.01
3.74	133.25	1.02	0.99	1.00	0.01	3.75	136.76	1.10	0.78	1.00	0.01
3.76	140.00	1.18	0.63	1.00	0.01	3.77	140.97	1.20	0.59	1.00	0.01
3.78	143.59	1.28	0.48	1.00	0.00	3.79	144.90	1.32	0.43	1.00	0.00
3.80	147.85	1.43	0.33	1.00	0.00	3.81	148.80	1.46	0.30	1.00	0.00
3.82	150.10	1.51	0.26	1.00	0.00	3.83	151.51	1.57	0.22	1.00	0.00
3.84	151.87	1.59	0.21	1.00	0.00	3.85	151.54	1.57	0.22	1.00	0.00
3.86	152.25	1.61	0.20	1.00	0.00	3.87	153.88	1.68	0.15	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	154.35	1.71	0.14	1.00	0.00	3.89	155.52	1.77	0.11	1.00	0.00
3.90	155.42	1.76	0.11	1.00	0.00	3.91	155.32	1.75	0.11	1.00	0.00
3.92	153.39	1.66	0.17	1.00	0.00	3.93	155.25	1.75	0.11	1.00	0.00
3.94	157.21	1.86	0.06	1.00	0.00	3.95	159.85	2.00	0.00	1.00	0.00
3.96	159.98	2.00	0.00	1.00	0.00	3.97	160.00	2.00	0.00	1.00	0.00
3.98	159.22	1.98	0.01	1.00	0.00	3.99	158.44	1.93	0.03	1.00	0.00
4.00	156.18	1.79	0.09	1.00	0.00	4.01	154.14	1.69	0.15	1.00	0.00
4.02	153.93	1.68	0.16	1.00	0.00	4.03	153.83	1.67	0.16	1.00	0.00
4.04	154.07	1.68	0.15	1.00	0.00	4.05	154.32	1.69	0.14	1.00	0.00
4.06	155.36	1.75	0.12	1.00	0.00	4.07	157.77	1.88	0.05	1.00	0.00
4.08	163.32	2.00	0.00	1.00	0.00	4.09	166.02	2.00	0.00	1.00	0.00
4.10	170.71	2.00	0.00	1.00	0.00	4.11	171.61	2.00	0.00	1.00	0.00
4.12	172.62	2.00	0.00	1.00	0.00	4.13	173.96	2.00	0.00	1.00	0.00
4.14	174.53	2.00	0.00	1.00	0.00	4.15	174.87	2.00	0.00	1.00	0.00
4.16	175.33	2.00	0.00	1.00	0.00	4.17	175.01	2.00	0.00	1.00	0.00
4.18	175.25	2.00	0.00	1.00	0.00	4.19	175.37	2.00	0.00	1.00	0.00
4.20	175.61	2.00	0.00	1.00	0.00	4.21	175.74	2.00	0.00	1.00	0.00
4.22	176.30	2.00	0.00	1.00	0.00	4.23	175.88	2.00	0.00	1.00	0.00
4.24	175.13	2.00	0.00	1.00	0.00	4.25	174.48	2.00	0.00	1.00	0.00
4.26	173.07	2.00	0.00	1.00	0.00	4.27	172.54	2.00	0.00	1.00	0.00
4.28	171.23	2.00	0.00	1.00	0.00	4.29	170.48	2.00	0.00	1.00	0.00
4.30	168.61	2.00	0.00	1.00	0.00	4.31	167.52	2.00	0.00	1.00	0.00
4.32	166.32	2.00	0.00	1.00	0.00	4.33	162.89	2.00	0.00	1.00	0.00
4.34	160.67	2.00	0.00	1.00	0.00	4.35	154.84	1.70	0.14	1.00	0.00
4.36	151.23	1.53	0.25	1.00	0.00	4.37	147.60	1.39	0.37	1.00	0.00
4.38	141.53	1.19	0.60	1.00	0.01	4.39	139.24	1.13	0.71	1.00	0.01
4.40	135.43	1.04	0.91	1.00	0.01	4.41	133.94	1.01	1.01	1.00	0.01
4.42	133.38	1.00	1.04	1.00	0.01	4.43	132.83	0.99	1.08	1.00	0.01
4.44	132.74	0.98	1.09	1.00	0.01	4.45	133.24	0.99	1.06	1.00	0.01
4.46	133.38	1.00	1.05	1.00	0.01	4.47	133.88	1.01	1.01	1.00	0.01
4.48	133.68	1.00	1.03	1.00	0.01	4.49	133.47	1.00	1.04	1.00	0.01
4.50	133.50	1.00	1.04	1.00	0.01	4.51	133.30	0.99	1.06	1.00	0.01
4.52	132.63	0.98	1.11	1.00	0.01	4.53	132.31	0.97	1.13	1.00	0.01
4.54	132.34	0.97	1.13	1.00	0.01	4.55	132.26	0.97	1.14	1.00	0.01
4.56	132.29	0.97	1.13	1.00	0.01	4.57	132.32	0.97	1.13	1.00	0.01
4.58	132.35	0.97	1.13	1.00	0.01	4.59	133.32	0.99	1.06	1.00	0.01
4.60	133.70	1.00	1.04	1.00	0.01	4.61	135.24	1.03	0.94	1.00	0.01
4.62	135.73	1.04	0.91	1.00	0.01	4.63	136.34	1.06	0.87	1.00	0.01
4.64	137.18	1.07	0.82	1.00	0.01	4.65	137.44	1.08	0.81	1.00	0.01
4.66	137.70	1.09	0.80	1.00	0.01	4.67	137.84	1.09	0.79	1.00	0.01
4.68	137.88	1.09	0.79	1.00	0.01	4.69	137.79	1.09	0.79	1.00	0.01
4.70	137.25	1.08	0.82	1.00	0.01	4.71	136.59	1.06	0.86	1.00	0.01
4.72	135.12	1.03	0.95	1.00	0.01	4.73	133.89	1.00	1.03	1.00	0.01
4.74	132.42	0.97	1.14	1.00	0.01	4.75	128.85	0.91	1.46	1.00	0.01
4.76	126.90	0.87	1.69	1.00	0.02	4.77	123.66	0.82	2.25	1.00	0.02
4.78	122.21	0.80	2.60	1.00	0.03	4.79	120.35	0.77	2.65	1.00	0.03
4.80	119.19	0.76	2.67	1.00	0.03	4.81	116.97	0.73	2.73	1.00	0.03
4.82	115.69	0.72	2.76	1.00	0.03	4.83	114.42	0.70	2.79	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	112.06	0.68	2.86	1.00	0.03	4.85	110.53	0.66	2.90	1.00	0.03
4.86	108.04	0.64	2.97	1.00	0.03	4.87	106.88	0.63	3.00	1.00	0.03
4.88	105.34	0.61	3.05	1.00	0.03	4.89	104.79	0.61	3.06	1.00	0.03
4.90	104.71	0.61	3.06	1.00	0.03	4.91	104.65	0.61	3.07	1.00	0.03
4.92	103.12	0.60	3.11	1.00	0.03	4.93	104.03	0.60	3.09	1.00	0.03
4.94	103.35	0.60	3.11	1.00	0.03	4.95	102.46	0.59	3.13	1.00	0.03
4.96	100.86	0.58	3.19	1.00	0.03	4.97	96.99	0.55	3.31	1.00	0.03
4.98	94.77	0.54	3.39	1.00	0.03	4.99	90.37	0.51	3.56	1.00	0.04
5.00	88.69	0.50	3.63	1.00	0.04	5.01	83.99	0.48	3.82	1.00	0.04
5.02	82.55	0.47	3.89	1.00	0.04	5.03	79.46	0.45	4.04	1.00	0.04
5.04	78.01	0.45	4.11	1.00	0.04	5.05	76.66	0.44	4.18	1.00	0.04
5.06	74.48	0.43	4.29	1.00	0.04	5.07	74.23	0.43	4.31	1.00	0.04
5.08	73.60	0.43	4.34	1.00	0.04	5.09	74.15	0.43	4.31	1.00	0.04
5.10	74.99	0.43	4.26	1.00	0.04	5.11	74.66	0.43	4.28	1.00	0.04
5.12	76.56	0.44	4.18	1.00	0.04	5.13	77.34	0.44	4.14	1.00	0.04
5.14	78.35	0.45	4.09	1.00	0.04	5.15	79.77	0.45	4.02	1.00	0.04
5.16	79.96	0.46	4.01	1.00	0.04	5.17	81.45	0.46	3.94	1.00	0.04
5.18	83.35	0.47	3.85	1.00	0.04	5.19	83.68	0.47	3.84	1.00	0.04
5.20	85.79	0.48	3.75	1.00	0.04	5.21	85.36	0.48	3.76	1.00	0.04
5.22	86.54	0.49	3.71	1.00	0.04	5.23	87.10	0.49	3.69	1.00	0.04
5.24	86.00	0.48	3.74	1.00	0.04	5.25	86.86	0.49	3.70	1.00	0.04
5.26	85.58	0.48	3.75	1.00	0.04	5.27	85.84	0.48	3.74	1.00	0.04
5.28	85.36	0.48	3.76	1.00	0.04	5.29	86.16	0.48	3.73	1.00	0.04
5.30	86.69	0.49	3.71	1.00	0.04	5.31	86.96	0.49	3.70	1.00	0.04
5.32	89.61	0.50	3.59	1.00	0.04	5.33	88.85	0.50	3.62	1.00	0.04
5.34	89.79	0.50	3.58	1.00	0.04	5.35	88.55	0.49	3.63	1.00	0.04
5.36	88.00	0.49	3.65	1.00	0.04	5.37	87.93	0.49	3.66	1.00	0.04
5.38	88.53	0.49	3.63	1.00	0.04	5.39	89.30	0.50	3.60	1.00	0.04
5.40	88.08	0.49	3.65	1.00	0.04	5.41	86.57	0.48	3.71	1.00	0.04
5.42	82.56	0.46	3.89	1.00	0.04	5.43	80.01	0.45	4.01	1.00	0.04
5.44	78.72	0.45	4.07	1.00	0.04	5.45	77.82	0.44	4.12	1.00	0.04
5.46	78.85	0.45	4.07	1.00	0.04	5.47	80.70	0.45	3.98	1.00	0.04
5.48	82.24	0.46	3.90	1.00	0.04	5.49	84.48	0.47	3.80	1.00	0.04
5.50	85.71	0.48	3.75	1.00	0.04	5.51	87.02	0.48	3.69	1.00	0.04
5.52	87.62	0.49	3.67	1.00	0.04	5.53	88.26	0.49	3.64	1.00	0.04
5.54	88.56	0.49	3.63	1.00	0.04	5.55	88.87	0.49	3.62	1.00	0.04
5.56	88.70	0.49	3.62	1.00	0.04	5.57	88.31	0.49	3.64	1.00	0.04
5.58	88.98	0.49	3.61	1.00	0.04	5.59	88.06	0.49	3.65	1.00	0.04
5.60	86.00	0.48	3.74	1.00	0.04	5.61	86.36	0.48	3.72	1.00	0.04
5.62	82.75	0.46	3.88	1.00	0.04	5.63	83.26	0.46	3.86	1.00	0.04
5.64	82.59	0.46	3.89	1.00	0.04	5.65	83.57	0.47	3.84	1.00	0.04
5.66	84.85	0.47	3.79	1.00	0.04	5.67	82.66	0.46	3.88	1.00	0.04
5.68	78.46	0.44	4.08	1.00	0.04	5.69	75.35	0.43	4.24	1.00	0.04
5.70	73.30	0.42	4.36	1.00	0.04	5.71	73.75	0.42	4.33	1.00	0.04
5.72	74.70	0.43	4.28	1.00	0.04	5.73	75.89	0.43	4.22	1.00	0.04
5.74	78.31	0.44	4.09	1.00	0.04	5.75	79.25	0.44	4.05	1.00	0.04
5.76	80.42	0.45	3.99	1.00	0.04	5.77	80.38	0.45	3.99	1.00	0.04
5.78	80.45	0.45	3.99	1.00	0.04	5.79	79.55	0.45	4.03	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	79.01	0.44	4.06	1.00	0.04	5.81	78.23	0.44	4.10	1.00	0.04
5.82	77.32	0.44	4.14	1.00	0.04	5.83	77.15	0.43	4.15	1.00	0.04
5.84	76.98	0.43	4.16	1.00	0.04	5.85	76.81	0.43	4.17	1.00	0.04
5.86	76.29	0.43	4.20	1.00	0.04	5.87	75.69	0.43	4.23	1.00	0.04
5.88	74.09	0.42	4.31	1.00	0.04	5.89	73.34	0.42	4.35	1.00	0.04
5.90	73.42	0.42	4.35	1.00	0.04	5.91	73.01	0.42	4.37	1.00	0.04
5.92	66.00	0.39	4.80	1.00	0.05	5.93	65.42	0.39	4.84	1.00	0.05
5.94	63.53	0.38	4.97	1.00	0.05	5.95	63.43	0.38	4.98	1.00	0.05
5.96	64.70	0.39	4.89	1.00	0.05	5.97	65.44	0.39	4.84	1.00	0.05
5.98	68.42	0.40	4.65	1.00	0.05	5.99	69.64	0.40	4.57	1.00	0.05
6.00	71.54	0.41	4.46	1.00	0.04	6.01	71.83	0.41	4.44	1.00	0.04
6.02	72.55	0.41	4.40	1.00	0.04	6.03	72.77	0.41	4.39	1.00	0.04
6.04	73.37	0.42	4.35	1.00	0.04	6.05	73.69	0.42	4.34	1.00	0.04
6.06	73.89	0.42	4.32	1.00	0.04	6.07	73.36	0.42	4.35	1.00	0.04
6.08	72.97	0.42	4.38	1.00	0.04	6.09	72.72	0.41	4.39	1.00	0.04
6.10	72.69	0.41	4.39	1.00	0.04	6.11	73.35	0.42	4.35	1.00	0.04
6.12	73.55	0.42	4.34	1.00	0.04	6.13	74.28	0.42	4.30	1.00	0.04
6.14	74.69	0.42	4.28	1.00	0.04	6.15	73.49	0.42	4.35	1.00	0.04
6.16	73.55	0.42	4.34	1.00	0.04	6.17	72.33	0.41	4.41	1.00	0.04
6.18	71.44	0.41	4.46	1.00	0.04	6.19	69.55	0.40	4.58	1.00	0.05
6.20	67.69	0.39	4.69	1.00	0.05	6.21	66.76	0.39	4.75	1.00	0.05
6.22	69.40	0.40	4.59	1.00	0.05	6.23	72.87	0.41	4.38	1.00	0.04
6.24	79.91	0.44	4.01	1.00	0.04	6.25	85.47	0.47	3.76	1.00	0.04
6.26	89.68	0.49	3.59	1.00	0.04	6.27	92.83	0.51	3.46	1.00	0.03
6.28	99.60	0.55	3.23	1.00	0.03	6.29	103.16	0.57	3.11	1.00	0.03
6.30	110.61	0.63	2.89	1.00	0.03	6.31	113.54	0.66	2.82	1.00	0.03
6.32	117.48	0.70	2.72	1.00	0.03	6.33	118.77	0.72	2.68	1.00	0.03
6.34	120.31	0.74	2.65	1.00	0.03	6.35	119.82	0.73	2.66	1.00	0.03
6.36	119.10	0.72	2.68	1.00	0.03	6.37	117.19	0.70	2.72	1.00	0.03
6.38	116.14	0.69	2.75	1.00	0.03	6.39	115.16	0.68	2.77	1.00	0.03
6.40	113.87	0.66	2.81	1.00	0.03	6.41	112.51	0.65	2.84	1.00	0.03
6.42	110.57	0.63	2.90	1.00	0.03	6.43	108.29	0.61	2.96	1.00	0.03
6.44	105.21	0.59	3.05	1.00	0.03	6.45	100.73	0.55	3.19	1.00	0.03
6.46	96.16	0.52	3.34	1.00	0.03	6.47	91.96	0.50	3.50	1.00	0.03
6.48	87.07	0.47	3.69	1.00	0.04	6.49	83.58	0.46	3.84	1.00	0.04
6.50	81.50	0.45	3.94	1.00	0.04	6.51	81.22	0.45	3.95	1.00	0.04
6.52	80.70	0.44	3.98	1.00	0.04	6.53	80.22	0.44	4.00	1.00	0.04
6.54	79.64	0.44	4.03	1.00	0.04	6.55	79.28	0.44	4.04	1.00	0.04
6.56	79.15	0.44	4.05	1.00	0.04	6.57	78.65	0.44	4.07	1.00	0.04
6.58	78.39	0.43	4.09	1.00	0.04	6.59	78.23	0.43	4.10	1.00	0.04
6.60	78.24	0.43	4.10	1.00	0.04	6.61	78.43	0.43	4.09	1.00	0.04
6.62	78.86	0.44	4.06	1.00	0.04	6.63	78.73	0.43	4.07	1.00	0.04
6.64	78.96	0.44	4.06	1.00	0.04	6.65	78.67	0.43	4.07	1.00	0.04
6.66	78.58	0.43	4.08	1.00	0.04	6.67	78.47	0.43	4.08	1.00	0.04
6.68	77.95	0.43	4.11	1.00	0.04	6.69	78.31	0.43	4.09	1.00	0.04
6.70	77.75	0.43	4.12	1.00	0.04	6.71	78.14	0.43	4.10	1.00	0.04
6.72	78.43	0.43	4.09	1.00	0.04	6.73	79.06	0.44	4.05	1.00	0.04
6.74	78.06	0.43	4.10	1.00	0.04	6.75	79.05	0.44	4.06	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	78.17	0.43	4.10	1.00	0.04	6.77	78.72	0.43	4.07	1.00	0.04
6.78	78.40	0.43	4.09	1.00	0.04	6.79	78.72	0.43	4.07	1.00	0.04
6.80	78.85	0.43	4.06	1.00	0.04	6.81	79.41	0.44	4.04	1.00	0.04
6.82	78.76	0.43	4.07	1.00	0.04	6.83	79.75	0.44	4.02	1.00	0.04
6.84	78.64	0.43	4.08	1.00	0.04	6.85	76.80	0.43	4.17	1.00	0.04
6.86	77.65	0.43	4.13	1.00	0.04	6.87	75.46	0.42	4.24	1.00	0.04
6.88	77.49	0.43	4.13	1.00	0.04	6.89	77.84	0.43	4.12	1.00	0.04
6.90	77.71	0.43	4.12	1.00	0.04	6.91	74.80	0.42	4.27	1.00	0.04
6.92	71.42	0.40	4.46	1.00	0.04	6.93	68.13	0.39	4.66	1.00	0.05
6.94	67.26	0.39	4.72	1.00	0.05	6.95	67.98	0.39	4.67	1.00	0.05
6.96	68.46	0.39	4.64	1.00	0.05	6.97	69.22	0.40	4.60	1.00	0.05
6.98	68.46	0.39	4.64	1.00	0.05	6.99	66.72	0.39	4.76	1.00	0.05
7.00	70.82	0.40	4.50	1.00	0.04	7.01	73.08	0.41	4.37	1.00	0.04
7.02	77.29	0.43	4.14	1.00	0.04	7.03	79.36	0.44	4.04	1.00	0.04
7.04	81.41	0.44	3.94	1.00	0.04	7.05	83.61	0.45	3.84	1.00	0.04
7.06	85.21	0.46	3.77	1.00	0.04	7.07	86.83	0.47	3.70	1.00	0.04
7.08	87.33	0.47	3.68	1.00	0.04	7.09	87.65	0.47	3.67	1.00	0.04
7.10	88.48	0.48	3.63	1.00	0.04	7.11	85.47	0.46	3.76	1.00	0.04
7.12	84.87	0.46	3.79	1.00	0.04	7.13	82.90	0.45	3.87	1.00	0.04
7.14	81.02	0.44	3.96	1.00	0.04	7.15	75.61	0.42	4.23	1.00	0.04
7.16	18.00	2.00	0.00	1.00	0.00	7.17	14.50	2.00	0.00	1.00	0.00
7.18	13.23	2.00	0.00	1.00	0.00	7.19	11.47	2.00	0.00	1.00	0.00
7.20	10.84	2.00	0.00	1.00	0.00	7.21	10.08	2.00	0.00	1.00	0.00
7.22	8.82	2.00	0.00	1.00	0.00	7.23	8.56	2.00	0.00	1.00	0.00
7.24	8.43	2.00	0.00	1.00	0.00	7.25	8.30	2.00	0.00	1.00	0.00
7.26	8.29	2.00	0.00	1.00	0.00	7.27	8.29	2.00	0.00	1.00	0.00
7.28	8.41	2.00	0.00	1.00	0.00	7.29	8.40	2.00	0.00	1.00	0.00
7.30	8.40	2.00	0.00	1.00	0.00	7.31	8.02	2.00	0.00	1.00	0.00
7.32	7.64	2.00	0.00	1.00	0.00	7.33	7.25	2.00	0.00	1.00	0.00
7.34	6.75	2.00	0.00	1.00	0.00	7.35	6.62	2.00	0.00	1.00	0.00
7.36	6.49	2.00	0.00	1.00	0.00	7.37	6.49	2.00	0.00	1.00	0.00
7.38	6.48	2.00	0.00	1.00	0.00	7.39	6.48	2.00	0.00	1.00	0.00
7.40	6.60	2.00	0.00	1.00	0.00	7.41	6.73	2.00	0.00	1.00	0.00
7.42	6.85	2.00	0.00	1.00	0.00	7.43	7.48	2.00	0.00	1.00	0.00
7.44	8.23	2.00	0.00	1.00	0.00	7.45	10.72	2.00	0.00	1.00	0.00
7.46	66.66	0.39	4.76	1.00	0.05	7.47	67.41	0.39	4.71	1.00	0.05
7.48	73.95	0.41	4.32	1.00	0.04	7.49	75.03	0.42	4.26	1.00	0.04
7.50	77.10	0.42	4.15	1.00	0.04	7.51	83.29	0.45	3.86	1.00	0.04
7.52	85.63	0.46	3.75	1.00	0.04	7.53	88.90	0.48	3.62	1.00	0.04
7.54	91.83	0.49	3.50	1.00	0.04	7.55	93.16	0.50	3.45	1.00	0.03
7.56	98.31	0.53	3.27	1.00	0.03	7.57	98.38	0.53	3.27	1.00	0.03
7.58	103.91	0.57	3.09	1.00	0.03	7.59	101.71	0.55	3.16	1.00	0.03
7.60	101.64	0.55	3.16	1.00	0.03	7.61	105.62	0.58	3.04	1.00	0.03
7.62	104.76	0.57	3.06	1.00	0.03	7.63	106.76	0.59	3.00	1.00	0.03
7.64	104.21	0.57	3.08	1.00	0.03	7.65	101.80	0.55	3.15	1.00	0.03
7.66	97.28	0.52	3.30	1.00	0.03	7.67	90.90	0.49	3.54	1.00	0.04
7.68	87.01	0.47	3.69	1.00	0.04	7.69	84.87	0.46	3.79	1.00	0.04
7.70	84.43	0.46	3.81	1.00	0.04	7.71	83.34	0.45	3.85	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	82.94	0.45	3.87	1.00	0.04	7.73	83.30	0.45	3.86	1.00	0.04
7.74	82.72	0.45	3.88	1.00	0.04	7.75	84.90	0.46	3.78	1.00	0.04
7.76	88.68	0.48	3.63	1.00	0.04	7.77	90.28	0.48	3.56	1.00	0.04
7.78	93.93	0.50	3.42	1.00	0.03	7.79	95.55	0.51	3.37	1.00	0.03
7.80	94.82	0.51	3.39	1.00	0.03	7.81	95.14	0.51	3.38	1.00	0.03
7.82	94.86	0.51	3.39	1.00	0.03	7.83	95.00	0.51	3.38	1.00	0.03
7.84	94.54	0.51	3.40	1.00	0.03	7.85	95.29	0.51	3.37	1.00	0.03
7.86	94.28	0.51	3.41	1.00	0.03	7.87	92.90	0.50	3.46	1.00	0.03
7.88	93.18	0.50	3.45	1.00	0.03	7.89	92.17	0.49	3.49	1.00	0.03
7.90	91.37	0.49	3.52	1.00	0.04	7.91	87.20	0.47	3.69	1.00	0.04
7.92	81.48	0.44	3.94	1.00	0.04	7.93	80.91	0.44	3.97	1.00	0.04
7.94	83.69	0.45	3.84	1.00	0.04	7.95	86.57	0.47	3.71	1.00	0.04
7.96	87.77	0.47	3.66	1.00	0.04	7.97	88.67	0.48	3.63	1.00	0.04
7.98	89.91	0.48	3.58	1.00	0.04	7.99	89.63	0.48	3.59	1.00	0.04
8.00	86.12	0.46	3.73	1.00	0.04	8.01	81.42	0.44	3.94	1.00	0.04
8.02	76.84	0.42	4.17	1.00	0.04	8.03	77.17	0.42	4.15	1.00	0.04
8.04	77.71	0.43	4.12	1.00	0.04	8.05	78.65	0.43	4.08	1.00	0.04
8.06	81.44	0.44	3.94	1.00	0.04	8.07	82.77	0.45	3.88	1.00	0.04
8.08	85.34	0.46	3.77	1.00	0.04	8.09	86.23	0.46	3.73	1.00	0.04
8.10	87.59	0.47	3.67	1.00	0.04	8.11	90.26	0.48	3.56	1.00	0.04
8.12	92.03	0.49	3.49	1.00	0.03	8.13	94.61	0.51	3.40	1.00	0.03
8.14	95.00	0.51	3.38	1.00	0.03	8.15	95.62	0.51	3.36	1.00	0.03
8.16	95.36	0.51	3.37	1.00	0.03	8.17	94.30	0.51	3.41	1.00	0.03
8.18	94.58	0.51	3.40	1.00	0.03	8.19	95.97	0.52	3.35	1.00	0.03
8.20	99.17	0.54	3.24	1.00	0.03	8.21	99.44	0.54	3.23	1.00	0.03
8.22	99.93	0.54	3.22	1.00	0.03	8.23	101.61	0.55	3.16	1.00	0.03
8.24	102.53	0.56	3.13	1.00	0.03	8.25	104.77	0.57	3.06	1.00	0.03
8.26	106.01	0.58	3.03	1.00	0.03	8.27	106.82	0.59	3.00	1.00	0.03
8.28	108.28	0.60	2.96	1.00	0.03	8.29	107.47	0.60	2.98	1.00	0.03
8.30	107.10	0.59	2.99	1.00	0.03	8.31	107.80	0.60	2.97	1.00	0.03
8.32	107.96	0.60	2.97	1.00	0.03	8.33	107.48	0.60	2.98	1.00	0.03
8.34	107.64	0.60	2.98	1.00	0.03	8.35	107.48	0.60	2.98	1.00	0.03
8.36	107.42	0.59	2.98	1.00	0.03	8.37	106.83	0.59	3.00	1.00	0.03
8.38	106.24	0.59	3.02	1.00	0.03	8.39	106.08	0.58	3.02	1.00	0.03
8.40	106.03	0.58	3.03	1.00	0.03	8.41	105.11	0.58	3.05	1.00	0.03
8.42	104.63	0.57	3.07	1.00	0.03	8.43	103.37	0.56	3.11	1.00	0.03
8.44	102.78	0.56	3.12	1.00	0.03	8.45	101.98	0.55	3.15	1.00	0.03
8.46	100.14	0.54	3.21	1.00	0.03	8.47	98.76	0.53	3.25	1.00	0.03
8.48	97.88	0.53	3.28	1.00	0.03	8.49	96.06	0.52	3.35	1.00	0.03
8.50	96.15	0.52	3.34	1.00	0.03	8.51	96.28	0.52	3.34	1.00	0.03
8.52	95.86	0.52	3.35	1.00	0.03	8.53	95.72	0.51	3.36	1.00	0.03
8.54	96.19	0.52	3.34	1.00	0.03	8.55	95.44	0.51	3.37	1.00	0.03
8.56	95.55	0.51	3.36	1.00	0.03	8.57	94.89	0.51	3.39	1.00	0.03
8.58	94.49	0.51	3.40	1.00	0.03	8.59	94.51	0.51	3.40	1.00	0.03
8.60	94.11	0.51	3.42	1.00	0.03	8.61	94.29	0.51	3.41	1.00	0.03
8.62	94.98	0.51	3.39	1.00	0.03	8.63	95.27	0.51	3.37	1.00	0.03
8.64	95.33	0.51	3.37	1.00	0.03	8.65	96.24	0.52	3.34	1.00	0.03
8.66	97.05	0.52	3.31	1.00	0.03	8.67	99.24	0.54	3.24	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	100.37	0.54	3.20	1.00	0.03	8.69	101.81	0.55	3.15	1.00	0.03
8.70	104.54	0.57	3.07	1.00	0.03	8.71	106.62	0.59	3.01	1.00	0.03
8.72	111.34	0.63	2.87	1.00	0.03	8.73	114.36	0.66	2.79	1.00	0.03
8.74	115.89	0.67	2.76	1.00	0.03	8.75	117.52	0.69	2.71	1.00	0.03
8.76	118.00	0.70	2.70	1.00	0.03	8.77	117.63	0.69	2.71	1.00	0.03
8.78	115.78	0.67	2.76	1.00	0.03	8.79	111.93	0.63	2.86	1.00	0.03
8.80	107.76	0.60	2.97	1.00	0.03	8.81	104.85	0.58	3.06	1.00	0.03
8.82	95.76	0.52	3.36	1.00	0.03	8.83	91.21	0.49	3.53	1.00	0.04
8.84	84.73	0.46	3.79	1.00	0.04	8.85	72.68	0.41	4.39	1.00	0.04
8.86	84.01	0.46	3.82	1.00	0.04	8.87	96.34	0.52	3.34	1.00	0.03
8.88	91.74	0.49	3.51	1.00	0.04	8.89	90.50	0.49	3.55	1.00	0.04
8.90	91.55	0.49	3.51	1.00	0.04	8.91	93.20	0.50	3.45	1.00	0.03
8.92	80.02	0.44	4.01	1.00	0.04	8.93	22.36	2.00	0.00	1.00	0.00
8.94	21.67	2.00	0.00	1.00	0.00	8.95	20.98	2.00	0.00	1.00	0.00
8.96	20.41	2.00	0.00	1.00	0.00	8.97	19.83	2.00	0.00	1.00	0.00
8.98	18.59	2.00	0.00	1.00	0.00	8.99	17.80	2.00	0.00	1.00	0.00
9.00	17.12	2.00	0.00	1.00	0.00	9.01	15.99	2.00	0.00	1.00	0.00
9.02	16.32	2.00	0.00	1.00	0.00	9.03	16.31	2.00	0.00	1.00	0.00
9.04	16.41	2.00	0.00	1.00	0.00	9.05	16.30	2.00	0.00	1.00	0.00
9.06	16.18	2.00	0.00	1.00	0.00	9.07	15.95	2.00	0.00	1.00	0.00
9.08	15.16	2.00	0.00	1.00	0.00	9.09	14.93	2.00	0.00	1.00	0.00
9.10	14.59	2.00	0.00	1.00	0.00	9.11	13.91	2.00	0.00	1.00	0.00
9.12	13.46	2.00	0.00	1.00	0.00	9.13	13.12	2.00	0.00	1.00	0.00
9.14	12.33	2.00	0.00	1.00	0.00	9.15	12.10	2.00	0.00	1.00	0.00
9.16	11.87	2.00	0.00	1.00	0.00	9.17	11.42	2.00	0.00	1.00	0.00
9.18	11.30	2.00	0.00	1.00	0.00	9.19	11.07	2.00	0.00	1.00	0.00
9.20	11.06	2.00	0.00	1.00	0.00	9.21	11.06	2.00	0.00	1.00	0.00
9.22	11.05	2.00	0.00	1.00	0.00	9.23	11.16	2.00	0.00	1.00	0.00
9.24	11.38	2.00	0.00	1.00	0.00	9.25	11.59	2.00	0.00	1.00	0.00
9.26	12.26	2.00	0.00	1.00	0.00	9.27	12.48	2.00	0.00	1.00	0.00
9.28	12.58	2.00	0.00	1.00	0.00	9.29	12.80	2.00	0.00	1.00	0.00
9.30	12.90	2.00	0.00	1.00	0.00	9.31	13.12	2.00	0.00	1.00	0.00
9.32	13.45	2.00	0.00	1.00	0.00	9.33	13.67	2.00	0.00	1.00	0.00
9.34	13.99	2.00	0.00	1.00	0.00	9.35	14.21	2.00	0.00	1.00	0.00
9.36	14.53	2.00	0.00	1.00	0.00	9.37	14.74	2.00	0.00	1.00	0.00
9.38	14.62	2.00	0.00	1.00	0.00	9.39	13.95	2.00	0.00	1.00	0.00
9.40	13.50	2.00	0.00	1.00	0.00	9.41	7.17	2.00	0.00	1.00	0.00
9.42	13.37	2.00	0.00	1.00	0.00	9.43	13.25	2.00	0.00	1.00	0.00
9.44	13.03	2.00	0.00	1.00	0.00	9.45	12.47	2.00	0.00	1.00	0.00
9.46	12.24	2.00	0.00	1.00	0.00	9.47	11.90	2.00	0.00	1.00	0.00
9.48	11.35	2.00	0.00	1.00	0.00	9.49	11.12	2.00	0.00	1.00	0.00
9.50	10.67	2.00	0.00	1.00	0.00	9.51	10.56	2.00	0.00	1.00	0.00
9.52	10.44	2.00	0.00	1.00	0.00	9.53	10.44	2.00	0.00	1.00	0.00
9.54	10.65	2.00	0.00	1.00	0.00	9.55	10.98	2.00	0.00	1.00	0.00
9.56	11.19	2.00	0.00	1.00	0.00	9.57	11.29	2.00	0.00	1.00	0.00
9.58	11.40	2.00	0.00	1.00	0.00	9.59	11.39	2.00	0.00	1.00	0.00
9.60	11.28	2.00	0.00	1.00	0.00	9.61	11.27	2.00	0.00	1.00	0.00
9.62	11.27	2.00	0.00	1.00	0.00	9.63	11.26	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	11.26	2.00	0.00	1.00	0.00	9.65	11.36	2.00	0.00	1.00	0.00
9.66	11.46	2.00	0.00	1.00	0.00	9.67	11.57	2.00	0.00	1.00	0.00
9.68	11.45	2.00	0.00	1.00	0.00	9.69	11.34	2.00	0.00	1.00	0.00
9.70	11.11	2.00	0.00	1.00	0.00	9.71	10.89	2.00	0.00	1.00	0.00
9.72	10.78	2.00	0.00	1.00	0.00	9.73	10.55	2.00	0.00	1.00	0.00
9.74	10.44	2.00	0.00	1.00	0.00	9.75	10.22	2.00	0.00	1.00	0.00
9.76	10.10	2.00	0.00	1.00	0.00	9.77	9.99	2.00	0.00	1.00	0.00
9.78	9.98	2.00	0.00	1.00	0.00	9.79	9.98	2.00	0.00	1.00	0.00
9.80	9.97	2.00	0.00	1.00	0.00	9.81	9.75	2.00	0.00	1.00	0.00
9.82	9.53	2.00	0.00	1.00	0.00	9.83	9.31	2.00	0.00	1.00	0.00
9.84	9.19	2.00	0.00	1.00	0.00	9.85	9.19	2.00	0.00	1.00	0.00
9.86	9.08	2.00	0.00	1.00	0.00	9.87	9.07	2.00	0.00	1.00	0.00
9.88	8.96	2.00	0.00	1.00	0.00	9.89	8.96	2.00	0.00	1.00	0.00
9.90	8.95	2.00	0.00	1.00	0.00	9.91	8.95	2.00	0.00	1.00	0.00
9.92	8.73	2.00	0.00	1.00	0.00	9.93	8.72	2.00	0.00	1.00	0.00
9.94	8.72	2.00	0.00	1.00	0.00	9.95	8.82	2.00	0.00	1.00	0.00
9.96	8.82	2.00	0.00	1.00	0.00	9.97	8.81	2.00	0.00	1.00	0.00
9.98	8.70	2.00	0.00	1.00	0.00	9.99	8.59	2.00	0.00	1.00	0.00
10.00	8.48	2.00	0.00	1.00	0.00	10.01	8.37	2.00	0.00	1.00	0.00
10.02	8.36	2.00	0.00	1.00	0.00	10.03	8.36	2.00	0.00	1.00	0.00
10.04	8.25	2.00	0.00	1.00	0.00	10.05	8.24	2.00	0.00	1.00	0.00
10.06	8.13	2.00	0.00	1.00	0.00	10.07	8.13	2.00	0.00	1.00	0.00
10.08	8.02	2.00	0.00	1.00	0.00	10.09	7.91	2.00	0.00	1.00	0.00
10.10	7.90	2.00	0.00	1.00	0.00	10.11	8.01	2.00	0.00	1.00	0.00
10.12	8.00	2.00	0.00	1.00	0.00	10.13	8.00	2.00	0.00	1.00	0.00
10.14	7.89	2.00	0.00	1.00	0.00	10.15	7.99	2.00	0.00	1.00	0.00
10.16	7.99	2.00	0.00	1.00	0.00	10.17	8.09	2.00	0.00	1.00	0.00
10.18	8.20	2.00	0.00	1.00	0.00	10.19	8.19	2.00	0.00	1.00	0.00
10.20	8.30	2.00	0.00	1.00	0.00	10.21	8.40	2.00	0.00	1.00	0.00
10.22	8.61	2.00	0.00	1.00	0.00	10.23	8.82	2.00	0.00	1.00	0.00
10.24	8.92	2.00	0.00	1.00	0.00	10.25	9.13	2.00	0.00	1.00	0.00
10.26	9.24	2.00	0.00	1.00	0.00	10.27	9.23	2.00	0.00	1.00	0.00
10.28	9.23	2.00	0.00	1.00	0.00	10.29	9.33	2.00	0.00	1.00	0.00
10.30	9.33	2.00	0.00	1.00	0.00	10.31	9.43	2.00	0.00	1.00	0.00
10.32	9.53	2.00	0.00	1.00	0.00	10.33	9.64	2.00	0.00	1.00	0.00
10.34	9.74	2.00	0.00	1.00	0.00	10.35	9.73	2.00	0.00	1.00	0.00
10.36	9.84	2.00	0.00	1.00	0.00	10.37	9.72	2.00	0.00	1.00	0.00
10.38	9.72	2.00	0.00	1.00	0.00	10.39	9.72	2.00	0.00	1.00	0.00
10.40	9.71	2.00	0.00	1.00	0.00	10.41	9.71	2.00	0.00	1.00	0.00
10.42	9.38	2.00	0.00	1.00	0.00	10.43	9.38	2.00	0.00	1.00	0.00
10.44	9.38	2.00	0.00	1.00	0.00	10.45	9.27	2.00	0.00	1.00	0.00
10.46	9.05	2.00	0.00	1.00	0.00	10.47	8.94	2.00	0.00	1.00	0.00
10.48	8.93	2.00	0.00	1.00	0.00	10.49	8.72	2.00	0.00	1.00	0.00
10.50	8.61	2.00	0.00	1.00	0.00	10.51	8.60	2.00	0.00	1.00	0.00
10.52	8.60	2.00	0.00	1.00	0.00	10.53	8.49	2.00	0.00	1.00	0.00
10.54	8.49	2.00	0.00	1.00	0.00	10.55	8.48	2.00	0.00	1.00	0.00
10.56	8.58	2.00	0.00	1.00	0.00	10.57	8.69	2.00	0.00	1.00	0.00
10.58	8.89	2.00	0.00	1.00	0.00	10.59	8.99	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	9.10	2.00	0.00	1.00	0.00	10.61	9.09	2.00	0.00	1.00	0.00
10.62	9.09	2.00	0.00	1.00	0.00	10.63	9.08	2.00	0.00	1.00	0.00
10.64	9.08	2.00	0.00	1.00	0.00	10.65	9.18	2.00	0.00	1.00	0.00
10.66	9.07	2.00	0.00	1.00	0.00	10.67	8.96	2.00	0.00	1.00	0.00
10.68	8.96	2.00	0.00	1.00	0.00	10.69	8.95	2.00	0.00	1.00	0.00
10.70	8.95	2.00	0.00	1.00	0.00	10.71	8.84	2.00	0.00	1.00	0.00
10.72	8.63	2.00	0.00	1.00	0.00	10.73	8.62	2.00	0.00	1.00	0.00
10.74	8.62	2.00	0.00	1.00	0.00	10.75	8.51	2.00	0.00	1.00	0.00
10.76	8.51	2.00	0.00	1.00	0.00	10.77	8.50	2.00	0.00	1.00	0.00
10.78	8.39	2.00	0.00	1.00	0.00	10.79	8.60	2.00	0.00	1.00	0.00
10.80	8.70	2.00	0.00	1.00	0.00	10.81	8.90	2.00	0.00	1.00	0.00
10.82	10.05	2.00	0.00	1.00	0.00	10.83	10.98	2.00	0.00	1.00	0.00
10.84	12.12	2.00	0.00	1.00	0.00	10.85	14.82	2.00	0.00	1.00	0.00
10.86	16.38	2.00	0.00	1.00	0.00	10.87	74.16	0.42	4.31	1.00	0.04
10.88	77.05	0.43	4.16	1.00	0.04	10.89	78.71	0.44	4.07	1.00	0.04
10.90	78.43	0.44	4.09	1.00	0.04	10.91	76.44	0.43	4.19	1.00	0.04
10.92	87.31	0.48	3.68	1.00	0.04	10.93	91.83	0.50	3.50	1.00	0.04
10.94	93.10	0.51	3.45	1.00	0.03	10.95	95.41	0.52	3.37	1.00	0.03
10.96	95.71	0.52	3.36	1.00	0.03	10.97	96.15	0.52	3.34	1.00	0.03
10.98	94.92	0.52	3.39	1.00	0.03	10.99	94.43	0.51	3.41	1.00	0.03
11.00	95.37	0.52	3.37	1.00	0.03	11.01	92.19	0.50	3.49	1.00	0.03
11.02	93.18	0.51	3.45	1.00	0.03	11.03	91.40	0.50	3.52	1.00	0.04
11.04	90.31	0.49	3.56	1.00	0.04	11.05	89.07	0.49	3.61	1.00	0.04
11.06	84.77	0.47	3.79	1.00	0.04	11.07	83.42	0.46	3.85	1.00	0.04
11.08	81.63	0.45	3.93	1.00	0.04	11.09	80.59	0.45	3.98	1.00	0.04
11.10	78.72	0.44	4.07	1.00	0.04	11.11	78.64	0.44	4.08	1.00	0.04
11.12	78.65	0.44	4.08	1.00	0.04	11.13	78.38	0.44	4.09	1.00	0.04
11.14	78.81	0.44	4.07	1.00	0.04	11.15	79.13	0.44	4.05	1.00	0.04
11.16	79.45	0.44	4.04	1.00	0.04	11.17	80.10	0.45	4.00	1.00	0.04
11.18	80.35	0.45	3.99	1.00	0.04	11.19	80.73	0.45	3.97	1.00	0.04
11.20	80.46	0.45	3.99	1.00	0.04	11.21	80.35	0.45	3.99	1.00	0.04
11.22	80.19	0.45	4.00	1.00	0.04	11.23	80.14	0.45	4.00	1.00	0.04
11.24	78.97	0.44	4.06	1.00	0.04	11.25	78.61	0.44	4.08	1.00	0.04
11.26	78.18	0.44	4.10	1.00	0.04	11.27	75.71	0.43	4.23	1.00	0.04
11.28	74.85	0.42	4.27	1.00	0.04	11.29	17.40	2.00	0.00	1.00	0.00
11.30	15.86	2.00	0.00	1.00	0.00	11.31	13.20	2.00	0.00	1.00	0.00
11.32	12.28	2.00	0.00	1.00	0.00	11.33	11.25	2.00	0.00	1.00	0.00
11.34	10.53	2.00	0.00	1.00	0.00	11.35	9.10	2.00	0.00	1.00	0.00
11.36	8.69	2.00	0.00	1.00	0.00	11.37	8.58	2.00	0.00	1.00	0.00
11.38	8.88	2.00	0.00	1.00	0.00	11.39	10.20	2.00	0.00	1.00	0.00
11.40	11.01	2.00	0.00	1.00	0.00	11.41	11.62	2.00	0.00	1.00	0.00
11.42	11.92	2.00	0.00	1.00	0.00	11.43	10.70	2.00	0.00	1.00	0.00
11.44	10.28	2.00	0.00	1.00	0.00	11.45	9.87	2.00	0.00	1.00	0.00
11.46	9.36	2.00	0.00	1.00	0.00	11.47	8.34	2.00	0.00	1.00	0.00
11.48	8.14	2.00	0.00	1.00	0.00	11.49	8.23	2.00	0.00	1.00	0.00
11.50	8.33	2.00	0.00	1.00	0.00	11.51	8.33	2.00	0.00	1.00	0.00
11.52	8.22	2.00	0.00	1.00	0.00	11.53	8.12	2.00	0.00	1.00	0.00
11.54	7.91	2.00	0.00	1.00	0.00	11.55	8.01	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	8.01	2.00	0.00	1.00	0.00	11.57	8.01	2.00	0.00	1.00	0.00
11.58	7.90	2.00	0.00	1.00	0.00	11.59	8.00	2.00	0.00	1.00	0.00
11.60	8.00	2.00	0.00	1.00	0.00	11.61	7.99	2.00	0.00	1.00	0.00
11.62	7.89	2.00	0.00	1.00	0.00	11.63	7.78	2.00	0.00	1.00	0.00
11.64	7.78	2.00	0.00	1.00	0.00	11.65	7.88	2.00	0.00	1.00	0.00
11.66	7.98	2.00	0.00	1.00	0.00	11.67	7.97	2.00	0.00	1.00	0.00
11.68	7.87	2.00	0.00	1.00	0.00	11.69	7.87	2.00	0.00	1.00	0.00
11.70	7.76	2.00	0.00	1.00	0.00	11.71	7.66	2.00	0.00	1.00	0.00
11.72	7.56	2.00	0.00	1.00	0.00	11.73	7.55	2.00	0.00	1.00	0.00
11.74	7.65	2.00	0.00	1.00	0.00	11.75	7.85	2.00	0.00	1.00	0.00
11.76	8.25	2.00	0.00	1.00	0.00	11.77	9.25	2.00	0.00	1.00	0.00
11.78	12.66	2.00	0.00	1.00	0.00	11.79	14.66	2.00	0.00	1.00	0.00
11.80	15.66	2.00	0.00	1.00	0.00	11.81	15.75	2.00	0.00	1.00	0.00
11.82	15.24	2.00	0.00	1.00	0.00	11.83	14.74	2.00	0.00	1.00	0.00
11.84	14.13	2.00	0.00	1.00	0.00	11.85	13.32	2.00	0.00	1.00	0.00
11.86	13.02	2.00	0.00	1.00	0.00	11.87	12.91	2.00	0.00	1.00	0.00
11.88	13.21	2.00	0.00	1.00	0.00	11.89	13.20	2.00	0.00	1.00	0.00
11.90	13.20	2.00	0.00	1.00	0.00	11.91	13.19	2.00	0.00	1.00	0.00
11.92	14.79	2.00	0.00	1.00	0.00	11.93	14.68	2.00	0.00	1.00	0.00
11.94	14.38	2.00	0.00	1.00	0.00	11.95	13.87	2.00	0.00	1.00	0.00
11.96	13.07	2.00	0.00	1.00	0.00	11.97	12.76	2.00	0.00	1.00	0.00
11.98	12.56	2.00	0.00	1.00	0.00	11.99	12.26	2.00	0.00	1.00	0.00
12.00	11.36	2.00	0.00	1.00	0.00	12.01	10.46	2.00	0.00	1.00	0.00
12.02	9.95	2.00	0.00	1.00	0.00	12.03	9.06	2.00	0.00	1.00	0.00
12.04	8.46	2.00	0.00	1.00	0.00	12.05	8.15	2.00	0.00	1.00	0.00
12.06	7.85	2.00	0.00	1.00	0.00	12.07	7.35	2.00	0.00	1.00	0.00
12.08	6.56	2.00	0.00	1.00	0.00	12.09	6.06	2.00	0.00	1.00	0.00
12.10	5.86	2.00	0.00	1.00	0.00	12.11	5.56	2.00	0.00	1.00	0.00
12.12	5.75	2.00	0.00	1.00	0.00	12.13	6.44	2.00	0.00	1.00	0.00
12.14	6.94	2.00	0.00	1.00	0.00	12.15	7.83	2.00	0.00	1.00	0.00
12.16	11.09	2.00	0.00	1.00	0.00	12.17	11.88	2.00	0.00	1.00	0.00
12.18	13.26	2.00	0.00	1.00	0.00	12.19	14.93	2.00	0.00	1.00	0.00
12.20	17.00	2.00	0.00	1.00	0.00	12.21	17.79	2.00	0.00	1.00	0.00
12.22	74.05	0.43	4.32	1.00	0.04	12.23	74.74	0.43	4.28	1.00	0.04
12.24	74.38	0.43	4.30	1.00	0.04	12.25	73.49	0.42	4.35	1.00	0.04
12.26	17.36	2.00	0.00	1.00	0.00	12.27	16.86	2.00	0.00	1.00	0.00
12.28	15.77	2.00	0.00	1.00	0.00	12.29	14.58	2.00	0.00	1.00	0.00
12.30	14.08	2.00	0.00	1.00	0.00	12.31	13.59	2.00	0.00	1.00	0.00
12.32	11.91	2.00	0.00	1.00	0.00	12.33	11.51	2.00	0.00	1.00	0.00
12.34	11.01	2.00	0.00	1.00	0.00	12.35	10.52	2.00	0.00	1.00	0.00
12.36	9.24	2.00	0.00	1.00	0.00	12.37	8.64	2.00	0.00	1.00	0.00
12.38	8.15	2.00	0.00	1.00	0.00	12.39	7.85	2.00	0.00	1.00	0.00
12.40	7.75	2.00	0.00	1.00	0.00	12.41	7.75	2.00	0.00	1.00	0.00
12.42	7.74	2.00	0.00	1.00	0.00	12.43	7.84	2.00	0.00	1.00	0.00
12.44	8.03	2.00	0.00	1.00	0.00	12.45	8.32	2.00	0.00	1.00	0.00
12.46	8.71	2.00	0.00	1.00	0.00	12.47	8.90	2.00	0.00	1.00	0.00
12.48	8.70	2.00	0.00	1.00	0.00	12.49	8.40	2.00	0.00	1.00	0.00
12.50	8.11	2.00	0.00	1.00	0.00	12.51	7.81	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	7.42	2.00	0.00	1.00	0.00	12.53	7.22	2.00	0.00	1.00	0.00
12.54	7.02	2.00	0.00	1.00	0.00	12.55	6.82	2.00	0.00	1.00	0.00
12.56	6.43	2.00	0.00	1.00	0.00	12.57	6.43	2.00	0.00	1.00	0.00
12.58	6.33	2.00	0.00	1.00	0.00	12.59	6.33	2.00	0.00	1.00	0.00
12.60	6.42	2.00	0.00	1.00	0.00	12.61	6.61	2.00	0.00	1.00	0.00
12.62	6.61	2.00	0.00	1.00	0.00	12.63	6.71	2.00	0.00	1.00	0.00
12.64	6.99	2.00	0.00	1.00	0.00	12.65	7.09	2.00	0.00	1.00	0.00
12.66	7.09	2.00	0.00	1.00	0.00	12.67	7.18	2.00	0.00	1.00	0.00
12.68	7.18	2.00	0.00	1.00	0.00	12.69	7.18	2.00	0.00	1.00	0.00
12.70	7.08	2.00	0.00	1.00	0.00	12.71	7.07	2.00	0.00	1.00	0.00
12.72	7.07	2.00	0.00	1.00	0.00	12.73	7.07	2.00	0.00	1.00	0.00
12.74	7.06	2.00	0.00	1.00	0.00	12.75	6.97	2.00	0.00	1.00	0.00
12.76	7.06	2.00	0.00	1.00	0.00	12.77	7.06	2.00	0.00	1.00	0.00
12.78	7.15	2.00	0.00	1.00	0.00	12.79	7.24	2.00	0.00	1.00	0.00
12.80	7.53	2.00	0.00	1.00	0.00	12.81	7.43	2.00	0.00	1.00	0.00
12.82	7.33	2.00	0.00	1.00	0.00	12.83	7.33	2.00	0.00	1.00	0.00
12.84	7.23	2.00	0.00	1.00	0.00	12.85	7.13	2.00	0.00	1.00	0.00
12.86	7.13	2.00	0.00	1.00	0.00	12.87	7.13	2.00	0.00	1.00	0.00
12.88	7.03	2.00	0.00	1.00	0.00	12.89	6.93	2.00	0.00	1.00	0.00
12.90	6.93	2.00	0.00	1.00	0.00	12.91	6.92	2.00	0.00	1.00	0.00
12.92	7.98	2.00	0.00	1.00	0.00	12.93	7.98	2.00	0.00	1.00	0.00
12.94	7.88	2.00	0.00	1.00	0.00	12.95	7.87	2.00	0.00	1.00	0.00
12.96	8.16	2.00	0.00	1.00	0.00	12.97	8.54	2.00	0.00	1.00	0.00
12.98	8.73	2.00	0.00	1.00	0.00	12.99	8.92	2.00	0.00	1.00	0.00
13.00	9.20	2.00	0.00	1.00	0.00	13.01	9.01	2.00	0.00	1.00	0.00
13.02	9.01	2.00	0.00	1.00	0.00	13.03	8.91	2.00	0.00	1.00	0.00
13.04	8.90	2.00	0.00	1.00	0.00	13.05	8.90	2.00	0.00	1.00	0.00
13.06	8.90	2.00	0.00	1.00	0.00	13.07	8.89	2.00	0.00	1.00	0.00
13.08	8.98	2.00	0.00	1.00	0.00	13.09	8.98	2.00	0.00	1.00	0.00
13.10	8.98	2.00	0.00	1.00	0.00	13.11	9.07	2.00	0.00	1.00	0.00
13.12	9.07	2.00	0.00	1.00	0.00	13.13	9.06	2.00	0.00	1.00	0.00
13.14	9.06	2.00	0.00	1.00	0.00	13.15	9.15	2.00	0.00	1.00	0.00
13.16	9.15	2.00	0.00	1.00	0.00	13.17	9.14	2.00	0.00	1.00	0.00
13.18	9.05	2.00	0.00	1.00	0.00	13.19	8.85	2.00	0.00	1.00	0.00
13.20	8.66	2.00	0.00	1.00	0.00	13.21	8.56	2.00	0.00	1.00	0.00
13.22	8.36	2.00	0.00	1.00	0.00	13.23	8.17	2.00	0.00	1.00	0.00
13.24	8.17	2.00	0.00	1.00	0.00	13.25	8.07	2.00	0.00	1.00	0.00
13.26	8.07	2.00	0.00	1.00	0.00	13.27	8.06	2.00	0.00	1.00	0.00
13.28	7.87	2.00	0.00	1.00	0.00	13.29	7.77	2.00	0.00	1.00	0.00
13.30	7.86	2.00	0.00	1.00	0.00	13.31	8.15	2.00	0.00	1.00	0.00
13.32	8.52	2.00	0.00	1.00	0.00	13.33	8.80	2.00	0.00	1.00	0.00
13.34	9.08	2.00	0.00	1.00	0.00	13.35	9.46	2.00	0.00	1.00	0.00
13.36	9.55	2.00	0.00	1.00	0.00	13.37	9.55	2.00	0.00	1.00	0.00
13.38	9.17	2.00	0.00	1.00	0.00	13.39	9.16	2.00	0.00	1.00	0.00
13.40	9.06	2.00	0.00	1.00	0.00	13.41	8.97	2.00	0.00	1.00	0.00
13.42	9.25	2.00	0.00	1.00	0.00	13.43	9.43	2.00	0.00	1.00	0.00
13.44	9.52	2.00	0.00	1.00	0.00	13.45	9.61	2.00	0.00	1.00	0.00
13.46	9.61	2.00	0.00	1.00	0.00	13.47	9.70	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	9.79	2.00	0.00	1.00	0.00	13.49	9.88	2.00	0.00	1.00	0.00
13.50	9.88	2.00	0.00	1.00	0.00	13.51	9.97	2.00	0.00	1.00	0.00
13.52	10.06	2.00	0.00	1.00	0.00	13.53	10.05	2.00	0.00	1.00	0.00
13.54	10.14	2.00	0.00	1.00	0.00	13.55	10.24	2.00	0.00	1.00	0.00
13.56	10.42	2.00	0.00	1.00	0.00	13.57	10.70	2.00	0.00	1.00	0.00
13.58	10.69	2.00	0.00	1.00	0.00	13.59	10.69	2.00	0.00	1.00	0.00
13.60	10.78	2.00	0.00	1.00	0.00	13.61	10.87	2.00	0.00	1.00	0.00
13.62	10.77	2.00	0.00	1.00	0.00	13.63	10.77	2.00	0.00	1.00	0.00
13.64	10.85	2.00	0.00	1.00	0.00	13.65	10.94	2.00	0.00	1.00	0.00
13.66	10.85	2.00	0.00	1.00	0.00	13.67	10.84	2.00	0.00	1.00	0.00
13.68	10.74	2.00	0.00	1.00	0.00	13.69	10.64	2.00	0.00	1.00	0.00
13.70	10.55	2.00	0.00	1.00	0.00	13.71	10.64	2.00	0.00	1.00	0.00
13.72	10.73	2.00	0.00	1.00	0.00	13.73	10.91	2.00	0.00	1.00	0.00
13.74	11.00	2.00	0.00	1.00	0.00	13.75	11.18	2.00	0.00	1.00	0.00
13.76	11.46	2.00	0.00	1.00	0.00	13.77	11.54	2.00	0.00	1.00	0.00
13.78	11.82	2.00	0.00	1.00	0.00	13.79	11.91	2.00	0.00	1.00	0.00
13.80	11.90	2.00	0.00	1.00	0.00	13.81	11.81	2.00	0.00	1.00	0.00
13.82	11.80	2.00	0.00	1.00	0.00	13.83	11.89	2.00	0.00	1.00	0.00
13.84	11.98	2.00	0.00	1.00	0.00	13.85	11.88	2.00	0.00	1.00	0.00
13.86	11.97	2.00	0.00	1.00	0.00	13.87	11.87	2.00	0.00	1.00	0.00
13.88	11.86	2.00	0.00	1.00	0.00	13.89	11.77	2.00	0.00	1.00	0.00
13.90	11.76	2.00	0.00	1.00	0.00	13.91	11.76	2.00	0.00	1.00	0.00
13.92	11.84	2.00	0.00	1.00	0.00	13.93	12.03	2.00	0.00	1.00	0.00
13.94	12.11	2.00	0.00	1.00	0.00	13.95	12.20	2.00	0.00	1.00	0.00
13.96	12.20	2.00	0.00	1.00	0.00	13.97	12.19	2.00	0.00	1.00	0.00
13.98	12.09	2.00	0.00	1.00	0.00	13.99	12.18	2.00	0.00	1.00	0.00
14.00	12.18	2.00	0.00	1.00	0.00	14.01	11.99	2.00	0.00	1.00	0.00
14.02	12.07	2.00	0.00	1.00	0.00	14.03	12.07	2.00	0.00	1.00	0.00
14.04	12.16	2.00	0.00	1.00	0.00	14.05	12.06	2.00	0.00	1.00	0.00
14.06	12.05	2.00	0.00	1.00	0.00	14.07	12.05	2.00	0.00	1.00	0.00
14.08	12.14	2.00	0.00	1.00	0.00	14.09	12.13	2.00	0.00	1.00	0.00
14.10	12.13	2.00	0.00	1.00	0.00	14.11	12.21	2.00	0.00	1.00	0.00
14.12	12.12	2.00	0.00	1.00	0.00	14.13	12.29	2.00	0.00	1.00	0.00
14.14	12.29	2.00	0.00	1.00	0.00	14.15	12.38	2.00	0.00	1.00	0.00
14.16	12.46	2.00	0.00	1.00	0.00	14.17	12.37	2.00	0.00	1.00	0.00
14.18	12.27	2.00	0.00	1.00	0.00	14.19	12.17	2.00	0.00	1.00	0.00
14.20	11.98	2.00	0.00	1.00	0.00	14.21	11.89	2.00	0.00	1.00	0.00
14.22	11.79	2.00	0.00	1.00	0.00	14.23	11.51	2.00	0.00	1.00	0.00
14.24	11.32	2.00	0.00	1.00	0.00	14.25	11.22	2.00	0.00	1.00	0.00
14.26	11.13	2.00	0.00	1.00	0.00	14.27	11.03	2.00	0.00	1.00	0.00
14.28	10.93	2.00	0.00	1.00	0.00	14.29	10.93	2.00	0.00	1.00	0.00
14.30	10.74	2.00	0.00	1.00	0.00	14.31	10.65	2.00	0.00	1.00	0.00
14.32	10.64	2.00	0.00	1.00	0.00	14.33	10.64	2.00	0.00	1.00	0.00
14.34	10.63	2.00	0.00	1.00	0.00	14.35	10.63	2.00	0.00	1.00	0.00
14.36	10.71	2.00	0.00	1.00	0.00	14.37	10.71	2.00	0.00	1.00	0.00
14.38	10.61	2.00	0.00	1.00	0.00	14.39	10.70	2.00	0.00	1.00	0.00
14.40	10.70	2.00	0.00	1.00	0.00	14.41	10.60	2.00	0.00	1.00	0.00
14.42	10.60	2.00	0.00	1.00	0.00	14.43	10.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	10.32	2.00	0.00	1.00	0.00	14.45	10.31	2.00	0.00	1.00	0.00
14.46	10.31	2.00	0.00	1.00	0.00	14.47	10.30	2.00	0.00	1.00	0.00
14.48	10.21	2.00	0.00	1.00	0.00	14.49	10.20	2.00	0.00	1.00	0.00
14.50	10.20	2.00	0.00	1.00	0.00	14.51	10.29	2.00	0.00	1.00	0.00
14.52	10.28	2.00	0.00	1.00	0.00	14.53	10.28	2.00	0.00	1.00	0.00
14.54	10.27	2.00	0.00	1.00	0.00	14.55	10.27	2.00	0.00	1.00	0.00
14.56	10.27	2.00	0.00	1.00	0.00	14.57	10.35	2.00	0.00	1.00	0.00
14.58	10.44	2.00	0.00	1.00	0.00	14.59	10.43	2.00	0.00	1.00	0.00
14.60	10.43	2.00	0.00	1.00	0.00	14.61	10.43	2.00	0.00	1.00	0.00
14.62	10.51	2.00	0.00	1.00	0.00	14.63	10.51	2.00	0.00	1.00	0.00
14.64	10.69	2.00	0.00	1.00	0.00	14.65	10.68	2.00	0.00	1.00	0.00
14.66	10.77	2.00	0.00	1.00	0.00	14.67	10.76	2.00	0.00	1.00	0.00
14.68	10.94	2.00	0.00	1.00	0.00	14.69	10.94	2.00	0.00	1.00	0.00
14.70	10.93	2.00	0.00	1.00	0.00	14.71	10.93	2.00	0.00	1.00	0.00
14.72	11.01	2.00	0.00	1.00	0.00	14.73	10.92	2.00	0.00	1.00	0.00
14.74	10.82	2.00	0.00	1.00	0.00	14.75	10.73	2.00	0.00	1.00	0.00
14.76	10.73	2.00	0.00	1.00	0.00	14.77	10.72	2.00	0.00	1.00	0.00
14.78	10.72	2.00	0.00	1.00	0.00	14.79	10.89	2.00	0.00	1.00	0.00
14.80	10.98	2.00	0.00	1.00	0.00	14.81	11.06	2.00	0.00	1.00	0.00
14.82	11.06	2.00	0.00	1.00	0.00	14.83	11.06	2.00	0.00	1.00	0.00
14.84	11.14	2.00	0.00	1.00	0.00	14.85	11.23	2.00	0.00	1.00	0.00
14.86	11.40	2.00	0.00	1.00	0.00	14.87	11.40	2.00	0.00	1.00	0.00
14.88	11.48	2.00	0.00	1.00	0.00	14.89	11.57	2.00	0.00	1.00	0.00
14.90	11.56	2.00	0.00	1.00	0.00	14.91	11.56	2.00	0.00	1.00	0.00
14.92	10.57	2.00	0.00	1.00	0.00	14.93	11.37	2.00	0.00	1.00	0.00
14.94	11.37	2.00	0.00	1.00	0.00	14.95	11.36	2.00	0.00	1.00	0.00
14.96	11.27	2.00	0.00	1.00	0.00	14.97	11.18	2.00	0.00	1.00	0.00
14.98	11.17	2.00	0.00	1.00	0.00	14.99	10.63	2.00	0.00	1.00	0.00
15.00	10.36	2.00	0.00	1.00	0.00	15.01	9.82	2.00	0.00	1.00	0.00
15.02	9.73	2.00	0.00	1.00	0.00	15.03	9.90	2.00	0.00	1.00	0.00
15.04	9.99	2.00	0.00	1.00	0.00	15.05	9.89	2.00	0.00	1.00	0.00
15.06	9.89	2.00	0.00	1.00	0.00	15.07	10.33	2.00	0.00	1.00	0.00
15.08	10.42	2.00	0.00	1.00	0.00	15.09	10.50	2.00	0.00	1.00	0.00
15.10	10.50	2.00	0.00	1.00	0.00	15.11	10.40	2.00	0.00	1.00	0.00
15.12	10.31	2.00	0.00	1.00	0.00	15.13	10.22	2.00	0.00	1.00	0.00
15.14	10.13	2.00	0.00	1.00	0.00	15.15	10.12	2.00	0.00	1.00	0.00
15.16	10.21	2.00	0.00	1.00	0.00	15.17	10.29	2.00	0.00	1.00	0.00
15.18	10.29	2.00	0.00	1.00	0.00	15.19	10.28	2.00	0.00	1.00	0.00
15.20	10.28	2.00	0.00	1.00	0.00	15.21	10.19	2.00	0.00	1.00	0.00
15.22	10.18	2.00	0.00	1.00	0.00	15.23	10.18	2.00	0.00	1.00	0.00
15.24	10.27	2.00	0.00	1.00	0.00	15.25	10.53	2.00	0.00	1.00	0.00
15.26	10.61	2.00	0.00	1.00	0.00	15.27	10.70	2.00	0.00	1.00	0.00
15.28	10.78	2.00	0.00	1.00	0.00	15.29	10.78	2.00	0.00	1.00	0.00
15.30	10.95	2.00	0.00	1.00	0.00	15.31	11.12	2.00	0.00	1.00	0.00
15.32	11.12	2.00	0.00	1.00	0.00	15.33	11.20	2.00	0.00	1.00	0.00
15.34	11.20	2.00	0.00	1.00	0.00	15.35	11.28	2.00	0.00	1.00	0.00
15.36	11.28	2.00	0.00	1.00	0.00	15.37	11.27	2.00	0.00	1.00	0.00
15.38	11.18	2.00	0.00	1.00	0.00	15.39	11.09	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

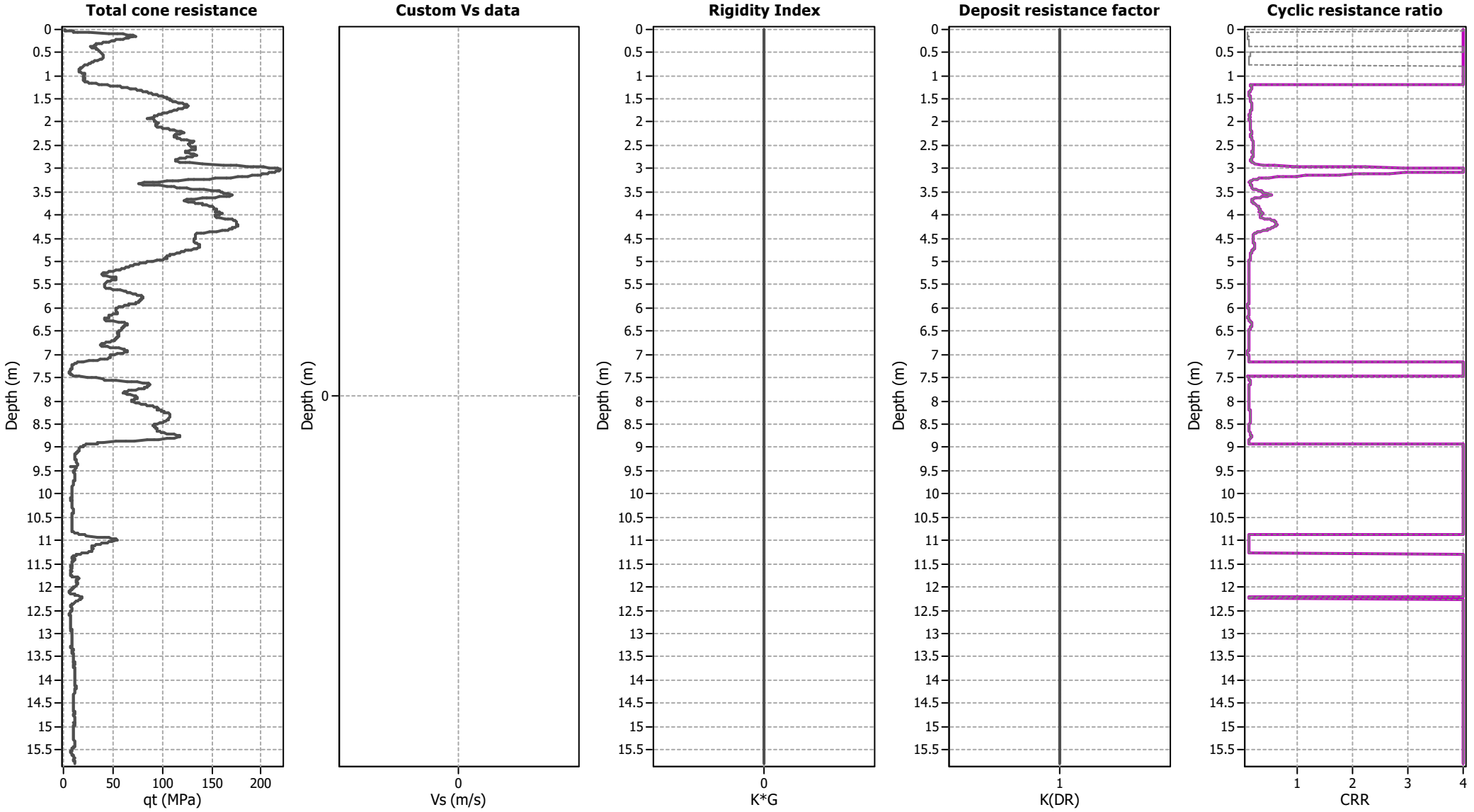
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	11.17	2.00	0.00	1.00	0.00	15.41	11.26	2.00	0.00	1.00	0.00
15.42	11.08	2.00	0.00	1.00	0.00	15.43	10.98	2.00	0.00	1.00	0.00
15.44	10.80	2.00	0.00	1.00	0.00	15.45	10.45	2.00	0.00	1.00	0.00
15.46	9.83	2.00	0.00	1.00	0.00	15.47	9.56	2.00	0.00	1.00	0.00
15.48	9.30	2.00	0.00	1.00	0.00	15.49	9.03	2.00	0.00	1.00	0.00
15.50	8.68	2.00	0.00	1.00	0.00	15.51	8.41	2.00	0.00	1.00	0.00
15.52	8.23	2.00	0.00	1.00	0.00	15.53	7.88	2.00	0.00	1.00	0.00
15.54	7.88	2.00	0.00	1.00	0.00	15.55	7.88	2.00	0.00	1.00	0.00
15.56	7.88	2.00	0.00	1.00	0.00	15.57	7.96	2.00	0.00	1.00	0.00
15.58	8.13	2.00	0.00	1.00	0.00	15.59	8.22	2.00	0.00	1.00	0.00
15.60	8.82	2.00	0.00	1.00	0.00	15.61	9.17	2.00	0.00	1.00	0.00
15.62	9.51	2.00	0.00	1.00	0.00	15.63	9.77	2.00	0.00	1.00	0.00
15.64	10.20	2.00	0.00	1.00	0.00	15.65	10.46	2.00	0.00	1.00	0.00
15.66	10.63	2.00	0.00	1.00	0.00	15.67	10.89	2.00	0.00	1.00	0.00
15.68	11.15	2.00	0.00	1.00	0.00	15.69	10.97	2.00	0.00	1.00	0.00
15.70	10.80	2.00	0.00	1.00	0.00	15.71	10.71	2.00	0.00	1.00	0.00
15.72	10.62	2.00	0.00	1.00	0.00	15.73	10.61	2.00	0.00	1.00	0.00
15.74	10.87	2.00	0.00	1.00	0.00	15.75	11.13	2.00	0.00	1.00	0.00
15.76	11.21	2.00	0.00	1.00	0.00	15.77	11.38	2.00	0.00	1.00	0.00
15.78	11.46	2.00	0.00	1.00	0.00	15.79	11.72	2.00	0.00	1.00	0.00
15.80	11.89	2.00	0.00	1.00	0.00						

Total estimated settlement: 20.93

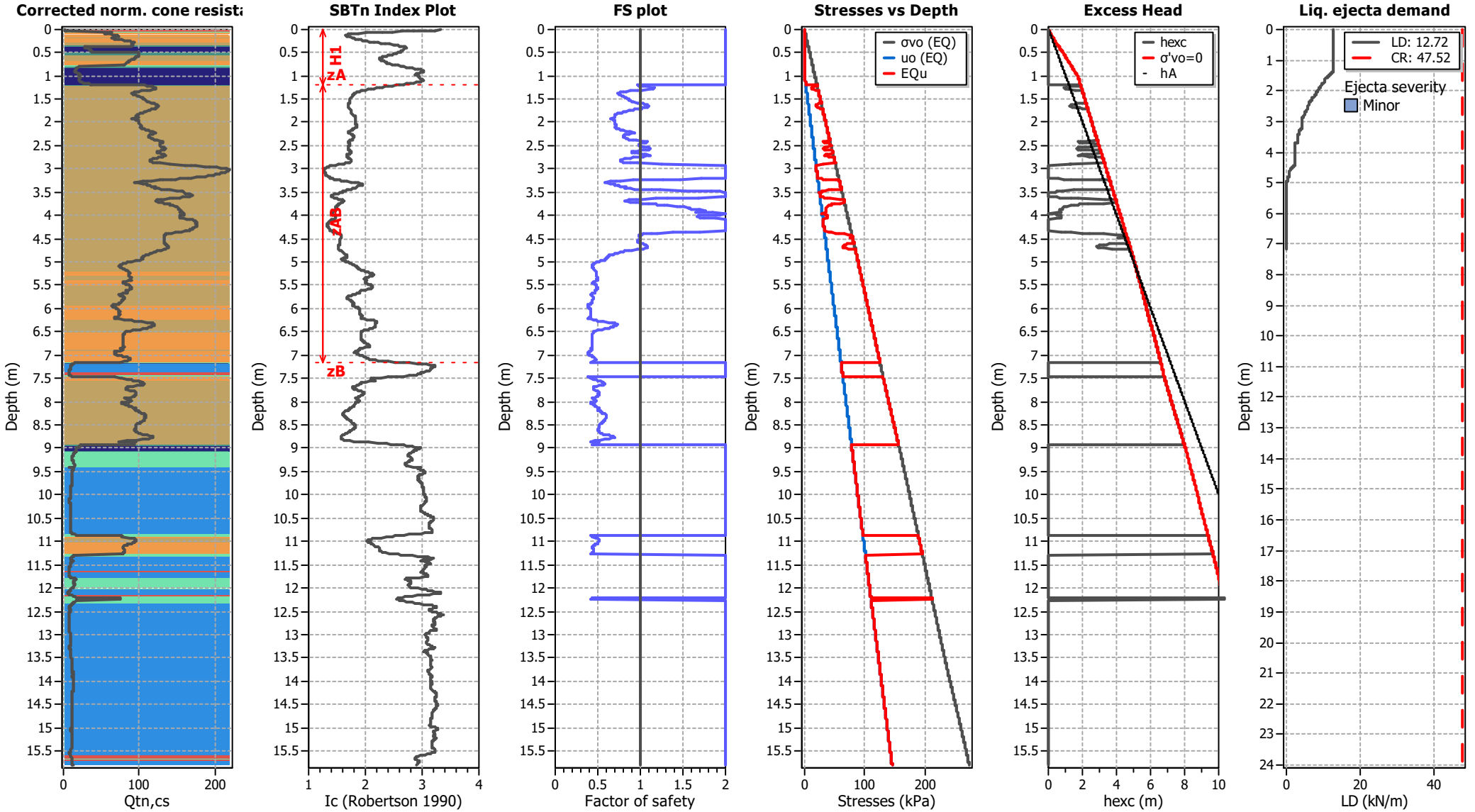
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



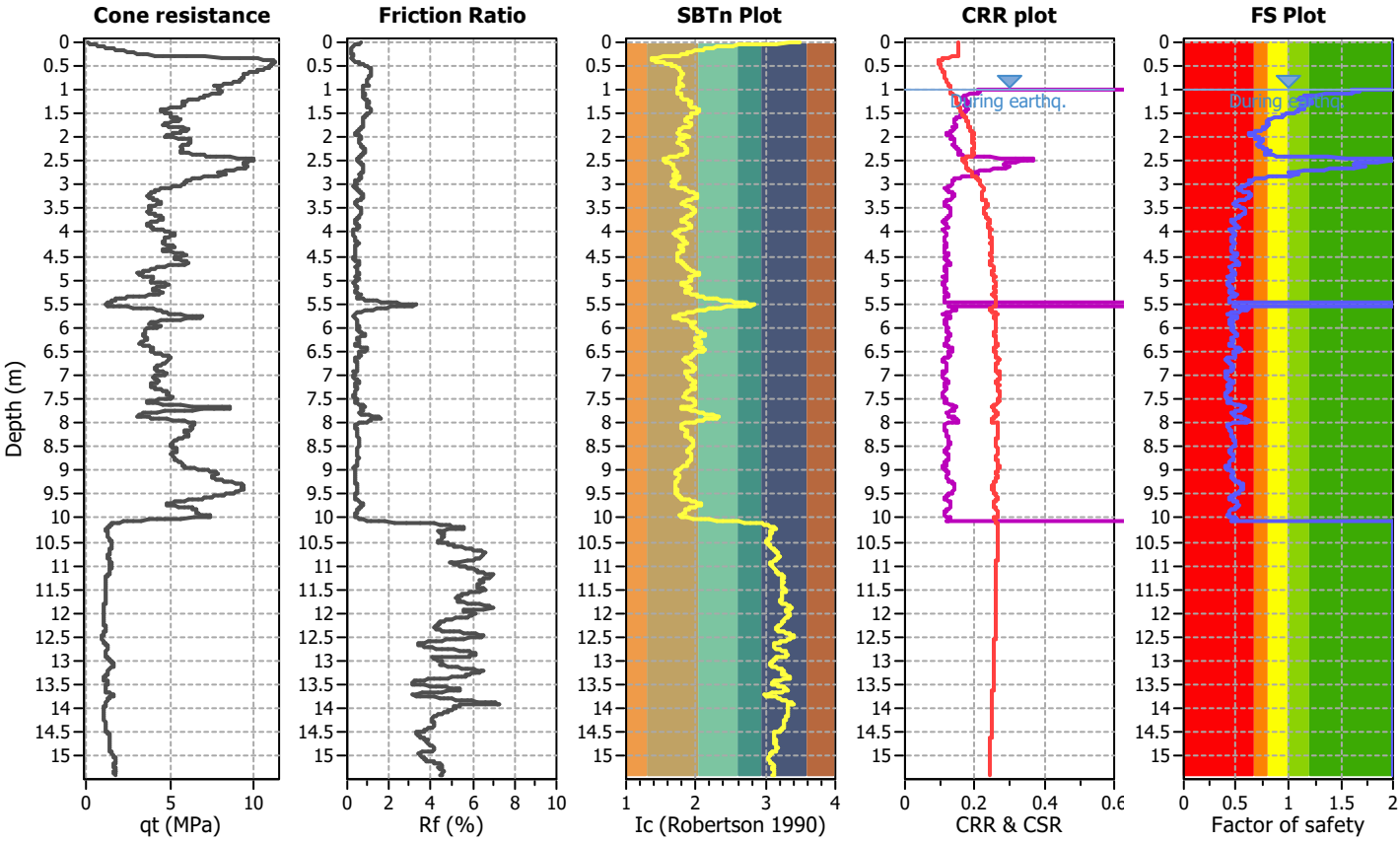
LIQUEFACTION ANALYSIS REPORT

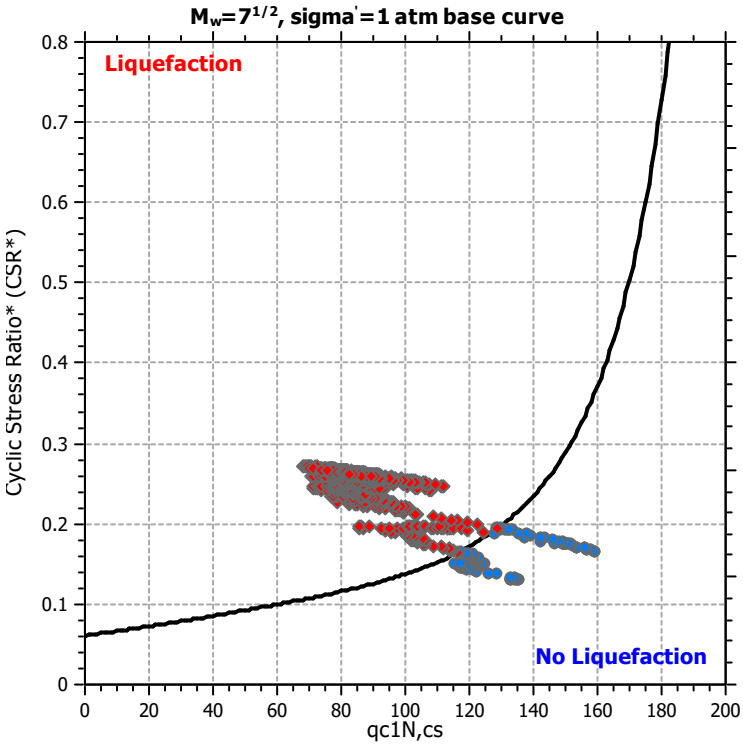
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

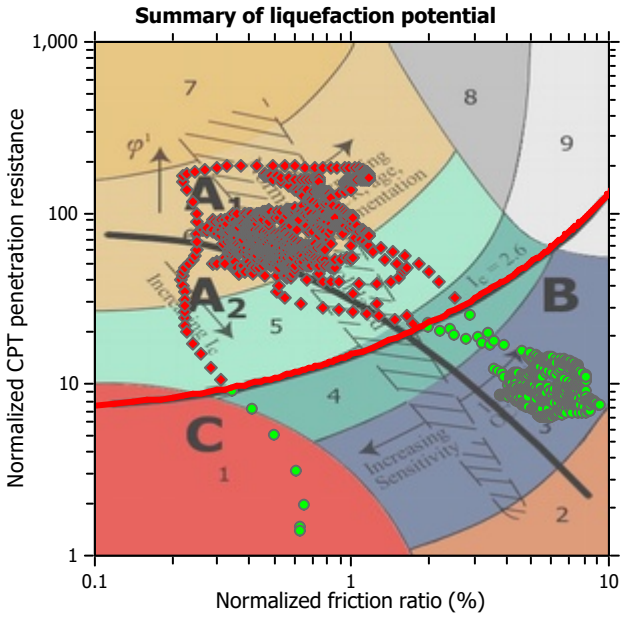
CPT file : 040008P1005CPTU1006

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

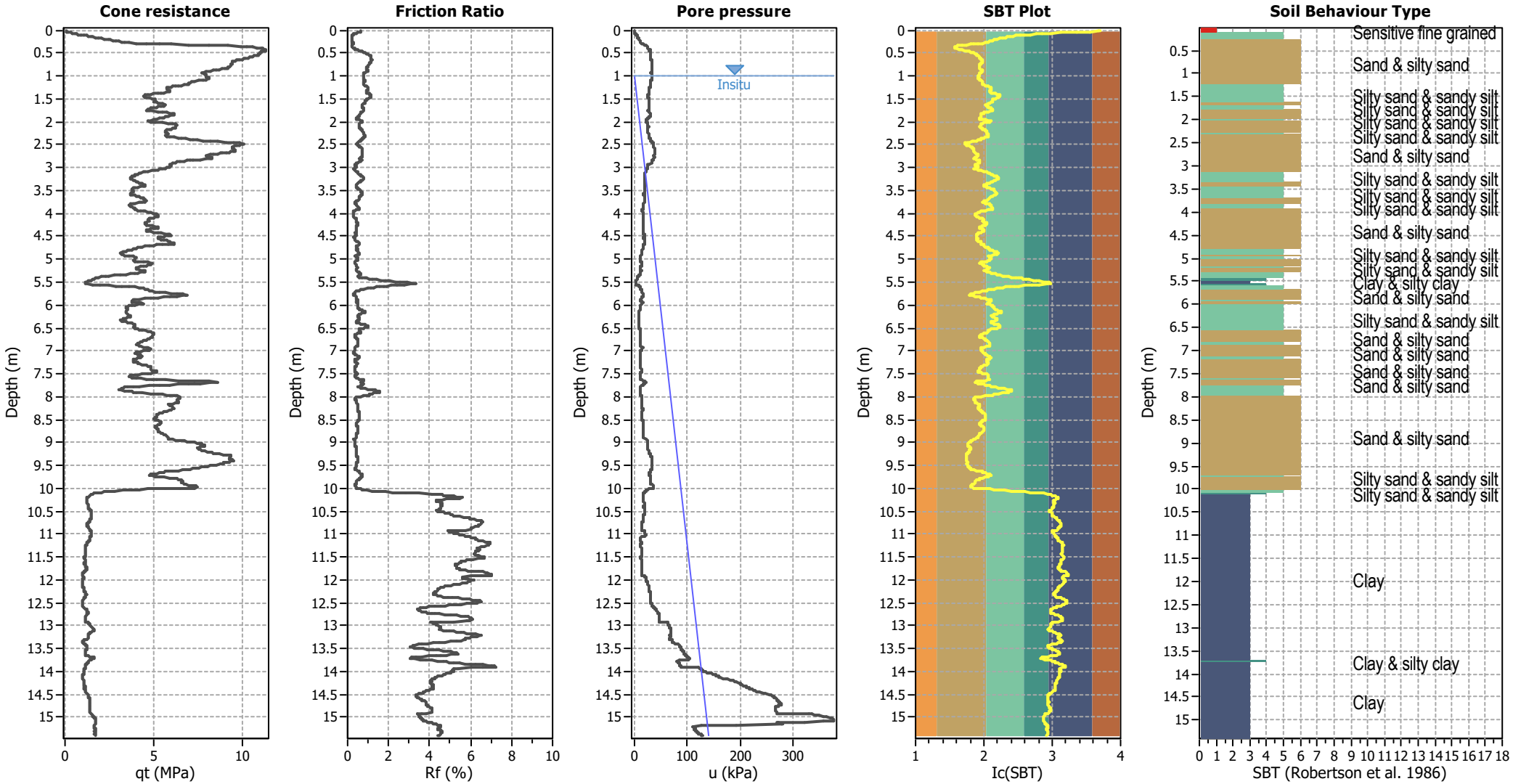






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



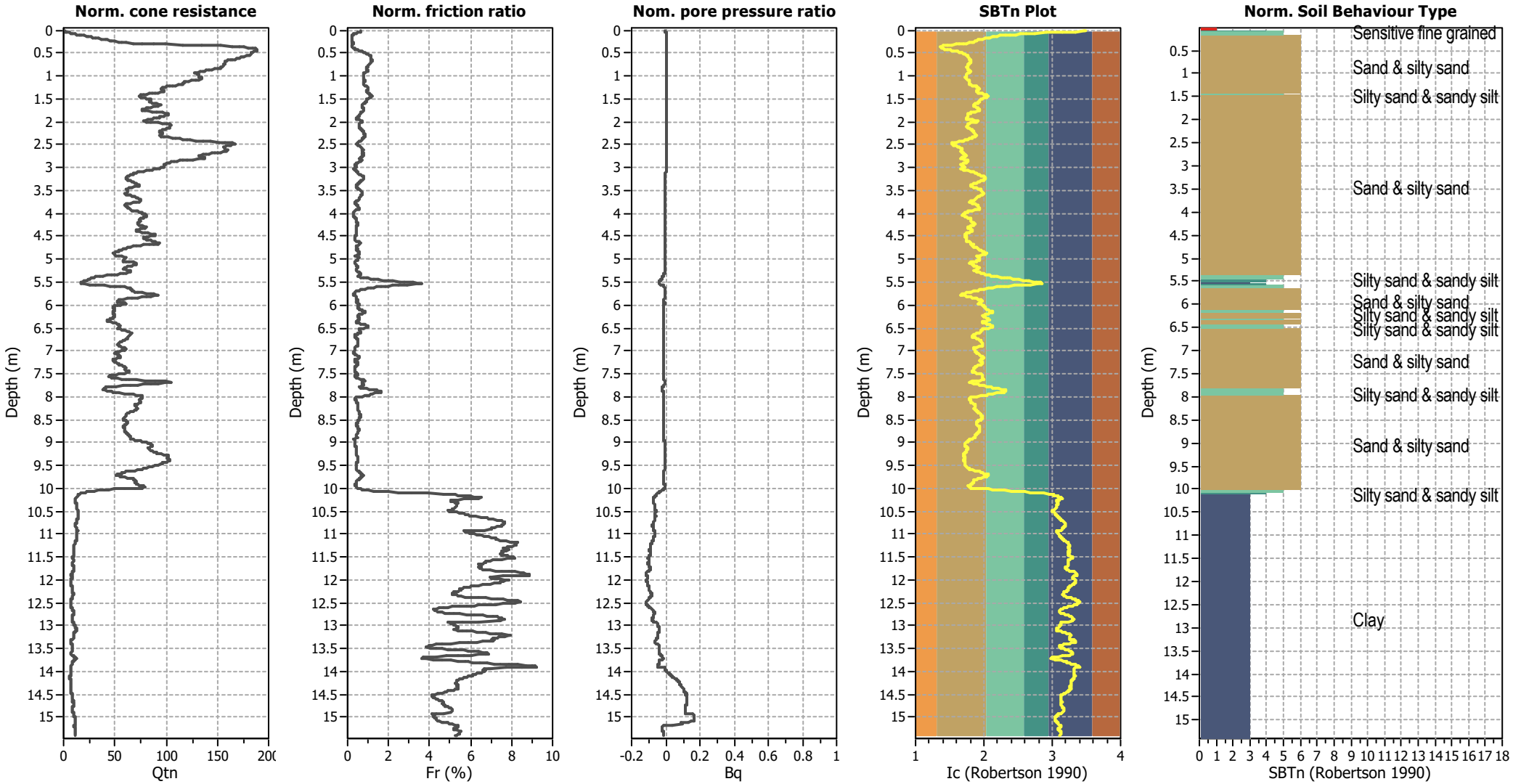
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



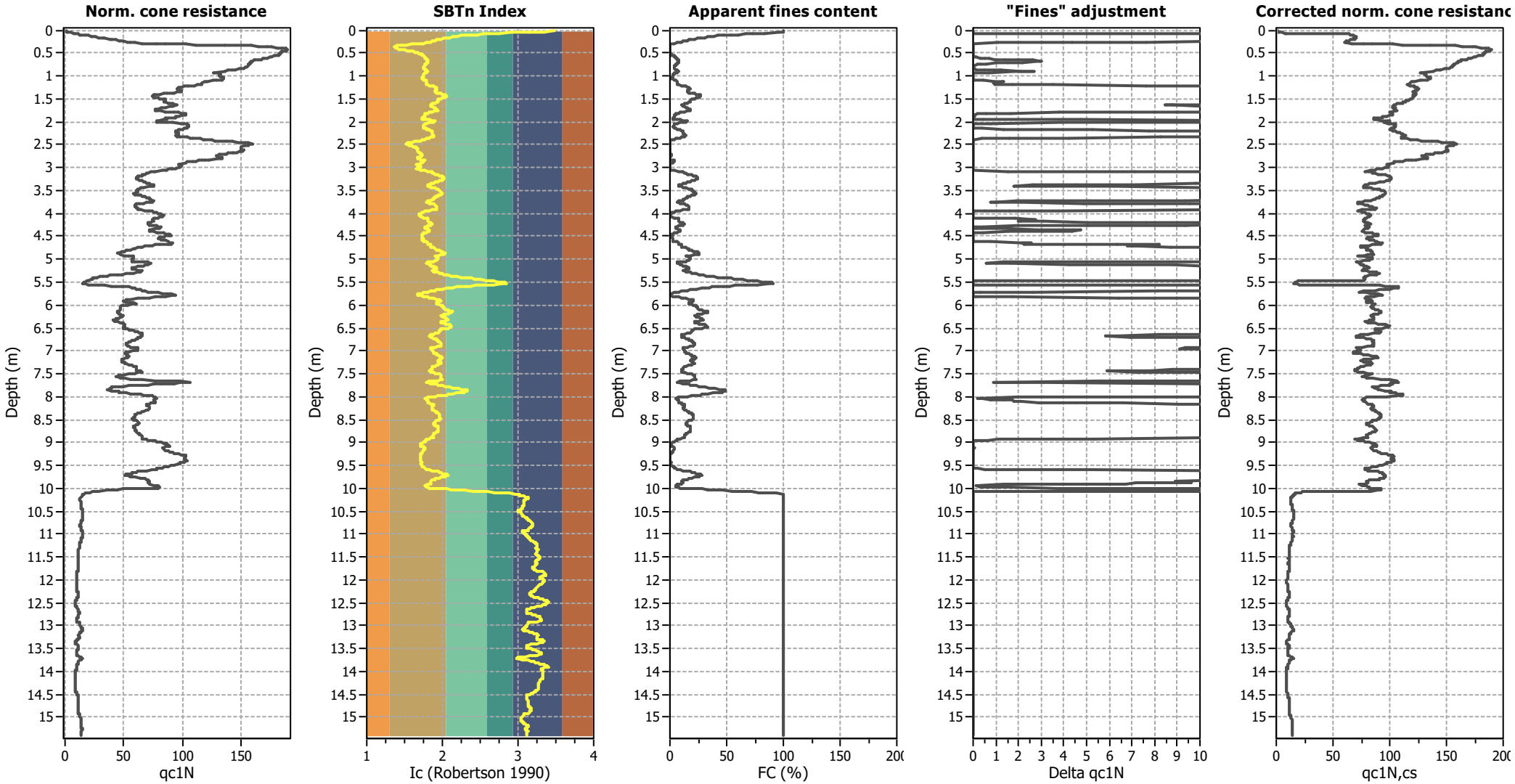
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

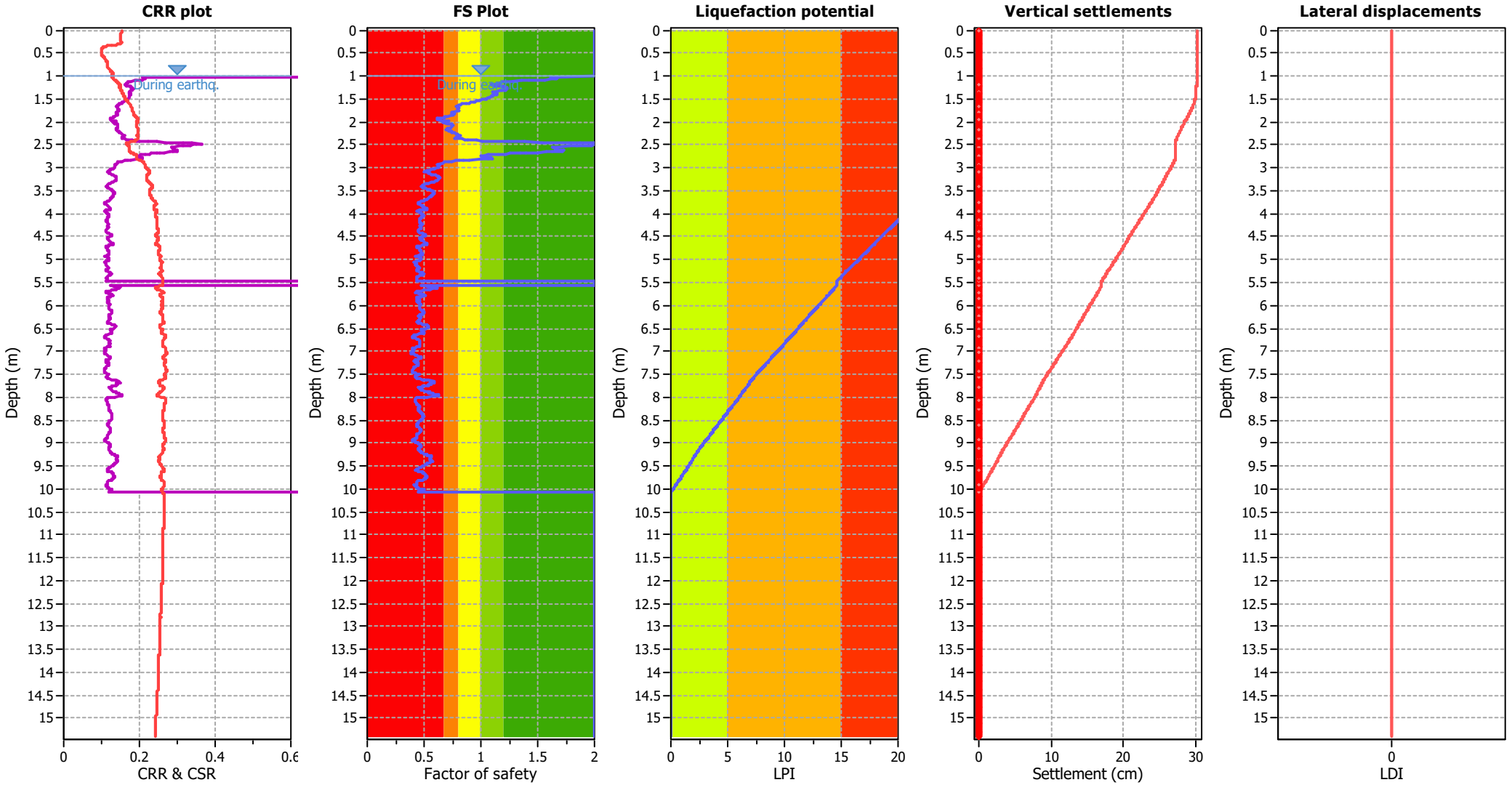
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

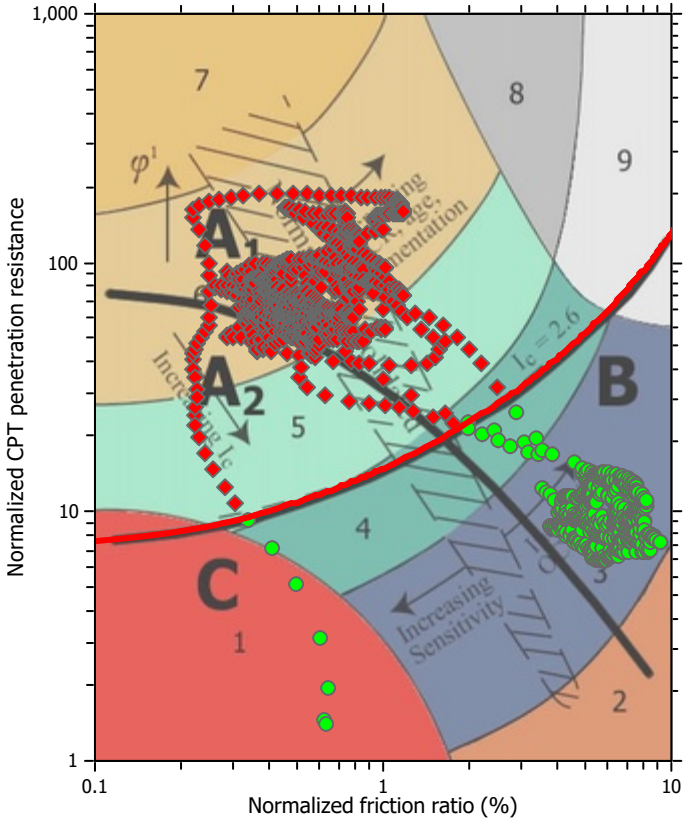
F.S. color scheme

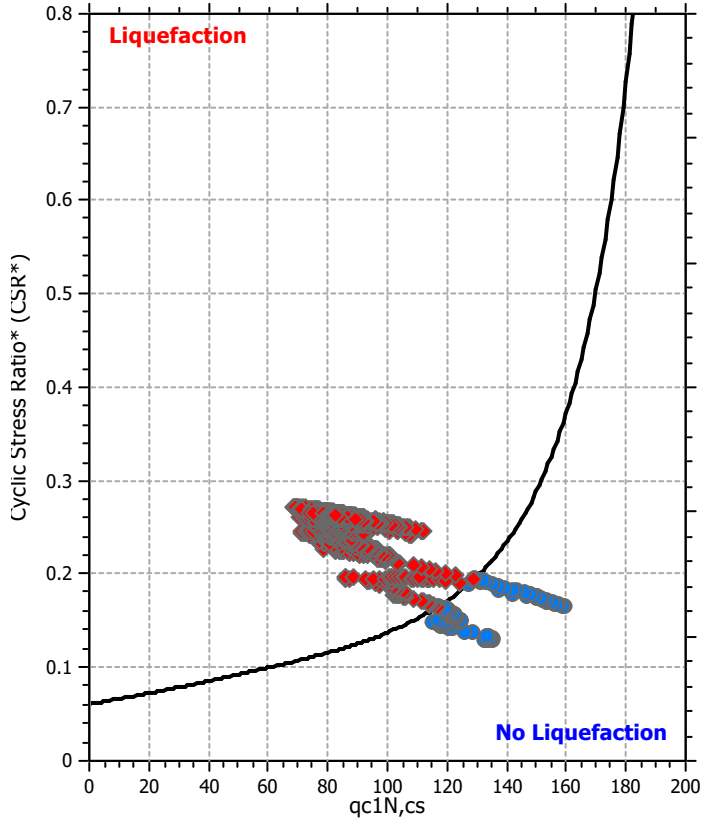
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

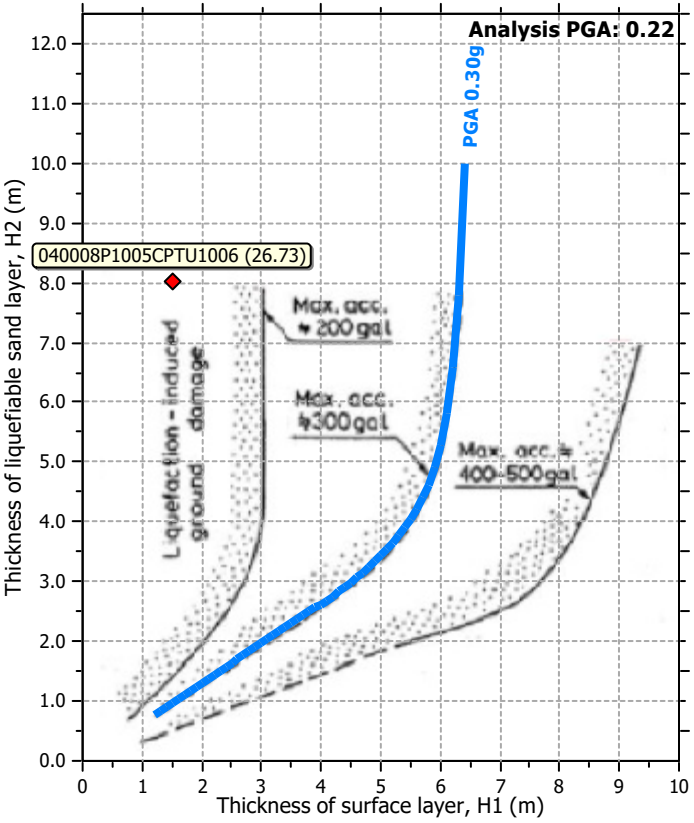
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



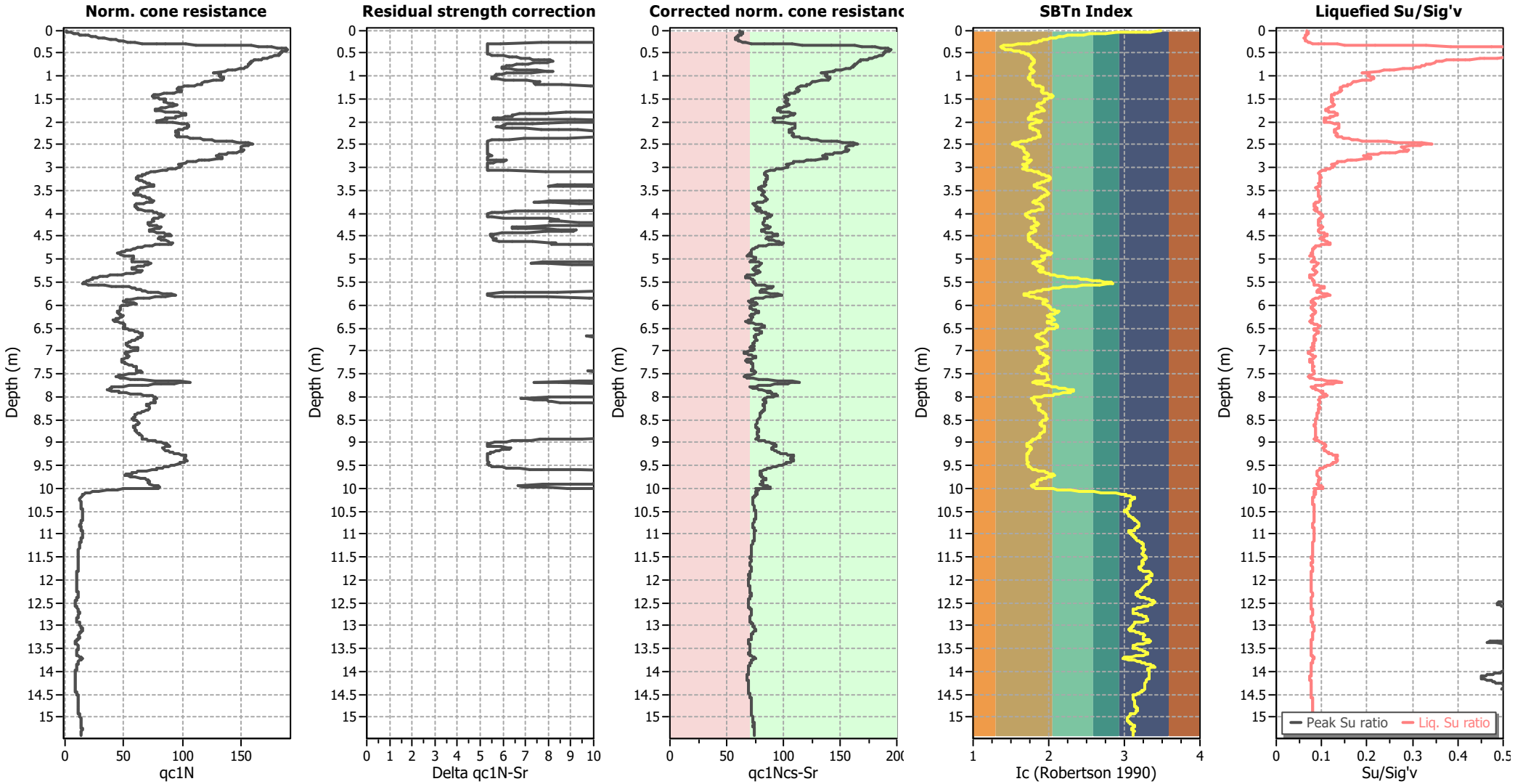




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.61	0.00	0.00	0.01	0.00	1.02	1.61	0.00	0.00	0.01	0.00
1.03	1.64	0.00	0.00	0.01	0.00	1.04	1.68	0.00	0.00	0.01	0.00
1.05	1.67	0.00	0.00	0.01	0.00	1.06	1.65	0.00	0.00	0.01	0.00
1.07	1.61	0.00	0.00	0.01	0.00	1.08	1.56	0.00	0.00	0.01	0.00
1.09	1.43	0.00	0.00	0.01	0.00	1.10	1.36	0.00	0.00	0.01	0.00
1.11	1.26	0.00	0.00	0.01	0.00	1.12	1.23	0.00	0.00	0.01	0.00
1.13	1.19	0.00	0.00	0.01	0.00	1.14	1.16	0.00	0.00	0.01	0.00
1.15	1.15	0.00	0.00	0.01	0.00	1.16	1.14	0.00	0.00	0.01	0.00
1.17	1.13	0.00	0.00	0.01	0.00	1.18	1.12	0.00	0.00	0.01	0.00
1.19	1.10	0.00	0.00	0.01	0.00	1.20	1.12	0.00	0.00	0.01	0.00
1.21	1.12	0.00	0.00	0.01	0.00	1.22	1.16	0.00	0.00	0.01	0.00
1.23	1.20	0.00	0.00	0.01	0.00	1.24	1.19	0.00	0.00	0.01	0.00
1.25	1.22	0.00	0.00	0.01	0.00	1.26	1.23	0.00	0.00	0.01	0.00
1.27	1.23	0.00	0.00	0.01	0.00	1.28	1.23	0.00	0.00	0.01	0.00
1.29	1.22	0.00	0.00	0.01	0.00	1.30	1.21	0.00	0.00	0.01	0.00
1.31	1.18	0.00	0.00	0.01	0.00	1.32	1.16	0.00	0.00	0.01	0.00
1.33	1.13	0.00	0.00	0.01	0.00	1.34	1.14	0.00	0.00	0.01	0.00
1.35	1.11	0.00	0.00	0.01	0.00	1.36	1.12	0.00	0.00	0.01	0.00
1.37	1.15	0.00	0.00	0.01	0.00	1.38	1.12	0.00	0.00	0.01	0.00
1.39	1.14	0.00	0.00	0.01	0.00	1.40	1.14	0.00	0.00	0.01	0.00
1.41	1.10	0.00	0.00	0.01	0.00	1.42	1.11	0.00	0.00	0.01	0.00
1.43	1.10	0.00	0.00	0.01	0.00	1.44	1.09	0.00	0.00	0.01	0.00
1.45	1.09	0.00	0.00	0.01	0.00	1.46	1.07	0.00	0.00	0.01	0.00
1.47	1.08	0.00	0.00	0.01	0.00	1.48	1.06	0.00	0.00	0.01	0.00
1.49	1.04	0.00	0.00	0.01	0.00	1.50	1.05	0.00	0.00	0.01	0.00
1.51	1.01	0.00	0.00	0.01	0.00	1.52	0.99	0.00	0.00	0.01	0.00
1.53	0.97	0.00	0.00	0.01	0.00	1.54	0.96	0.00	0.00	0.01	0.00
1.55	0.95	0.00	0.00	0.01	0.00	1.56	0.94	0.00	0.00	0.01	0.01
1.57	0.94	0.00	0.00	0.01	0.01	1.58	0.91	0.00	0.00	0.01	0.01
1.59	0.90	0.00	0.00	0.01	0.01	1.60	0.87	0.00	0.00	0.01	0.01
1.61	0.83	0.17	2.27	0.01	0.02	1.62	0.83	0.17	2.07	0.01	0.02
1.63	0.81	0.19	1.74	0.01	0.02	1.64	0.80	0.20	1.71	0.01	0.02
1.65	0.79	0.21	1.50	0.01	0.02	1.66	0.79	0.21	1.56	0.01	0.02
1.67	0.80	0.20	1.65	0.01	0.02	1.68	0.79	0.21	1.54	0.01	0.02
1.69	0.80	0.20	1.65	0.01	0.02	1.70	0.80	0.20	1.71	0.01	0.02
1.71	0.79	0.21	1.59	0.01	0.02	1.72	0.80	0.20	1.62	0.01	0.02
1.73	0.80	0.20	1.67	0.01	0.02	1.74	0.80	0.20	1.73	0.01	0.02
1.75	0.81	0.19	1.81	0.01	0.02	1.76	0.80	0.20	1.60	0.01	0.02
1.77	0.80	0.20	1.64	0.01	0.02	1.78	0.76	0.24	1.22	0.01	0.02
1.79	0.76	0.24	1.28	0.01	0.02	1.80	0.75	0.25	1.16	0.01	0.02
1.81	0.75	0.25	1.18	0.01	0.02	1.82	0.76	0.24	1.23	0.01	0.02
1.83	0.77	0.23	1.31	0.01	0.02	1.84	0.76	0.24	1.28	0.01	0.02
1.85	0.75	0.25	1.22	0.01	0.02	1.86	0.74	0.26	1.11	0.01	0.02
1.87	0.71	0.29	0.95	0.01	0.03	1.88	0.69	0.31	0.90	0.01	0.03
1.89	0.68	0.32	0.83	0.01	0.03	1.90	0.68	0.32	0.83	0.01	0.03
1.91	0.67	0.33	0.82	0.01	0.03	1.92	0.62	0.38	0.68	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.63	0.37	0.69	0.01	0.03	1.94	0.62	0.38	0.67	0.01	0.03
1.95	0.62	0.38	0.67	0.01	0.03	1.96	0.63	0.37	0.70	0.01	0.03
1.97	0.66	0.34	0.77	0.01	0.03	1.98	0.70	0.30	0.93	0.01	0.03
1.99	0.72	0.28	1.00	0.01	0.03	2.00	0.69	0.31	0.89	0.01	0.03
2.01	0.71	0.29	0.97	0.01	0.03	2.02	0.67	0.33	0.81	0.01	0.03
2.03	0.70	0.30	0.93	0.01	0.03	2.04	0.72	0.28	1.01	0.01	0.03
2.05	0.75	0.25	1.17	0.01	0.02	2.06	0.75	0.25	1.19	0.01	0.02
2.07	0.75	0.25	1.17	0.01	0.02	2.08	0.74	0.26	1.13	0.01	0.02
2.09	0.74	0.26	1.11	0.01	0.02	2.10	0.74	0.26	1.12	0.01	0.02
2.11	0.74	0.26	1.15	0.01	0.02	2.12	0.74	0.26	1.12	0.01	0.02
2.13	0.73	0.27	1.09	0.01	0.02	2.14	0.72	0.28	1.00	0.01	0.03
2.15	0.71	0.29	0.97	0.01	0.03	2.16	0.71	0.29	0.95	0.01	0.03
2.17	0.70	0.30	0.91	0.01	0.03	2.18	0.71	0.29	0.94	0.01	0.03
2.19	0.72	0.28	1.00	0.01	0.03	2.20	0.73	0.27	1.04	0.01	0.02
2.21	0.74	0.26	1.12	0.01	0.02	2.22	0.75	0.25	1.16	0.01	0.02
2.23	0.76	0.24	1.26	0.01	0.02	2.24	0.77	0.23	1.33	0.01	0.02
2.25	0.78	0.22	1.47	0.01	0.02	2.26	0.79	0.21	1.58	0.01	0.02
2.27	0.80	0.20	1.66	0.01	0.02	2.28	0.81	0.19	1.84	0.01	0.02
2.29	0.82	0.18	1.90	0.01	0.02	2.30	0.82	0.18	2.03	0.01	0.02
2.31	0.82	0.18	1.93	0.01	0.02	2.32	0.81	0.19	1.82	0.01	0.02
2.33	0.78	0.22	1.43	0.01	0.02	2.34	0.79	0.21	1.54	0.01	0.02
2.35	0.77	0.23	1.38	0.01	0.02	2.36	0.77	0.23	1.38	0.01	0.02
2.37	0.83	0.17	2.10	0.01	0.02	2.38	0.86	0.00	0.00	0.01	0.01
2.39	0.88	0.00	0.00	0.01	0.01	2.40	0.96	0.00	0.00	0.01	0.00
2.41	1.02	0.00	0.00	0.01	0.00	2.42	1.24	0.00	0.00	0.01	0.00
2.43	1.38	0.00	0.00	0.01	0.00	2.44	1.54	0.00	0.00	0.01	0.00
2.45	1.87	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	1.98	0.00	0.00	0.01	0.00	2.52	1.84	0.00	0.00	0.01	0.00
2.53	1.78	0.00	0.00	0.01	0.00	2.54	1.67	0.00	0.00	0.01	0.00
2.55	1.64	0.00	0.00	0.01	0.00	2.56	1.63	0.00	0.00	0.01	0.00
2.57	1.66	0.00	0.00	0.01	0.00	2.58	1.67	0.00	0.00	0.01	0.00
2.59	1.66	0.00	0.00	0.01	0.00	2.60	1.66	0.00	0.00	0.01	0.00
2.61	1.68	0.00	0.00	0.01	0.00	2.62	1.74	0.00	0.00	0.01	0.00
2.63	1.72	0.00	0.00	0.01	0.00	2.64	1.63	0.00	0.00	0.01	0.00
2.65	1.58	0.00	0.00	0.01	0.00	2.66	1.49	0.00	0.00	0.01	0.00
2.67	1.40	0.00	0.00	0.01	0.00	2.68	1.34	0.00	0.00	0.01	0.00
2.69	1.25	0.00	0.00	0.01	0.00	2.70	1.21	0.00	0.00	0.01	0.00
2.71	1.16	0.00	0.00	0.01	0.00	2.72	1.06	0.00	0.00	0.01	0.00
2.73	1.03	0.00	0.00	0.01	0.00	2.74	1.00	0.00	0.00	0.01	0.00
2.75	1.00	0.00	0.00	0.01	0.00	2.76	1.05	0.00	0.00	0.01	0.00
2.77	1.07	0.00	0.00	0.01	0.00	2.78	1.09	0.00	0.00	0.01	0.00
2.79	1.10	0.00	0.00	0.01	0.00	2.80	1.07	0.00	0.00	0.01	0.00
2.81	1.01	0.00	0.00	0.01	0.00	2.82	0.89	0.00	0.00	0.01	0.01
2.83	0.84	0.00	0.00	0.01	0.01	2.84	0.80	0.20	1.71	0.01	0.02
2.85	0.78	0.22	1.43	0.01	0.02	2.86	0.75	0.25	1.17	0.01	0.02
2.87	0.72	0.28	1.01	0.01	0.02	2.88	0.67	0.33	0.82	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.67	0.33	0.81	0.01	0.03	2.90	0.67	0.33	0.81	0.01	0.03
2.91	0.67	0.33	0.80	0.01	0.03	2.92	0.62	0.38	0.67	0.01	0.03
2.93	0.64	0.36	0.72	0.01	0.03	2.94	0.64	0.36	0.71	0.01	0.03
2.95	0.63	0.37	0.70	0.01	0.03	2.96	0.63	0.37	0.70	0.01	0.03
2.97	0.63	0.37	0.69	0.01	0.03	2.98	0.63	0.37	0.69	0.01	0.03
2.99	0.62	0.38	0.67	0.01	0.03	3.00	0.61	0.39	0.66	0.01	0.03
3.01	0.59	0.41	0.61	0.01	0.03	3.02	0.58	0.42	0.60	0.01	0.04
3.03	0.57	0.43	0.58	0.01	0.04	3.04	0.56	0.44	0.56	0.01	0.04
3.05	0.55	0.45	0.54	0.01	0.04	3.06	0.54	0.46	0.53	0.01	0.04
3.07	0.53	0.47	0.51	0.01	0.04	3.08	0.50	0.50	0.48	0.01	0.04
3.09	0.52	0.48	0.51	0.01	0.04	3.10	0.53	0.47	0.52	0.01	0.04
3.11	0.53	0.47	0.52	0.01	0.04	3.12	0.54	0.46	0.53	0.01	0.04
3.13	0.55	0.45	0.54	0.01	0.04	3.14	0.56	0.44	0.56	0.01	0.04
3.15	0.58	0.42	0.59	0.01	0.04	3.16	0.60	0.40	0.63	0.01	0.03
3.17	0.62	0.38	0.66	0.01	0.03	3.18	0.62	0.38	0.68	0.01	0.03
3.19	0.63	0.37	0.70	0.01	0.03	3.20	0.63	0.37	0.71	0.01	0.03
3.21	0.63	0.37	0.71	0.01	0.03	3.22	0.63	0.37	0.70	0.01	0.03
3.23	0.63	0.37	0.70	0.01	0.03	3.24	0.63	0.37	0.70	0.01	0.03
3.25	0.63	0.37	0.69	0.01	0.03	3.26	0.63	0.37	0.69	0.01	0.03
3.27	0.62	0.38	0.68	0.01	0.03	3.28	0.61	0.39	0.66	0.01	0.03
3.29	0.60	0.40	0.63	0.01	0.03	3.30	0.59	0.41	0.61	0.01	0.03
3.31	0.57	0.43	0.58	0.01	0.04	3.32	0.56	0.44	0.56	0.01	0.04
3.33	0.54	0.46	0.53	0.01	0.04	3.34	0.52	0.48	0.51	0.01	0.04
3.35	0.51	0.49	0.49	0.01	0.04	3.36	0.50	0.50	0.48	0.01	0.04
3.37	0.49	0.51	0.47	0.01	0.04	3.38	0.49	0.51	0.47	0.01	0.04
3.39	0.48	0.52	0.46	0.01	0.04	3.40	0.48	0.52	0.46	0.01	0.04
3.41	0.48	0.52	0.46	0.01	0.04	3.42	0.48	0.52	0.46	0.01	0.04
3.43	0.48	0.52	0.46	0.01	0.04	3.44	0.50	0.50	0.47	0.01	0.04
3.45	0.51	0.49	0.49	0.01	0.04	3.46	0.53	0.47	0.51	0.01	0.04
3.47	0.54	0.46	0.54	0.01	0.04	3.48	0.56	0.44	0.55	0.01	0.04
3.49	0.56	0.44	0.57	0.01	0.04	3.50	0.57	0.43	0.58	0.01	0.04
3.51	0.58	0.42	0.59	0.01	0.03	3.52	0.58	0.42	0.60	0.01	0.03
3.53	0.59	0.41	0.60	0.01	0.03	3.54	0.59	0.41	0.60	0.01	0.03
3.55	0.59	0.41	0.61	0.01	0.03	3.56	0.58	0.42	0.60	0.01	0.03
3.57	0.58	0.42	0.60	0.01	0.03	3.58	0.58	0.42	0.59	0.01	0.03
3.59	0.58	0.42	0.59	0.01	0.03	3.60	0.57	0.43	0.58	0.01	0.04
3.61	0.57	0.43	0.57	0.01	0.04	3.62	0.56	0.44	0.56	0.01	0.04
3.63	0.55	0.45	0.55	0.01	0.04	3.64	0.55	0.45	0.55	0.01	0.04
3.65	0.54	0.46	0.54	0.01	0.04	3.66	0.54	0.46	0.53	0.01	0.04
3.67	0.53	0.47	0.52	0.01	0.04	3.68	0.53	0.47	0.51	0.01	0.04
3.69	0.52	0.48	0.51	0.01	0.04	3.70	0.52	0.48	0.50	0.01	0.04
3.71	0.50	0.50	0.48	0.01	0.04	3.72	0.49	0.51	0.46	0.01	0.04
3.73	0.47	0.53	0.45	0.01	0.04	3.74	0.46	0.54	0.44	0.01	0.04
3.75	0.46	0.54	0.43	0.01	0.04	3.76	0.45	0.55	0.43	0.01	0.04
3.77	0.44	0.56	0.42	0.01	0.05	3.78	0.45	0.55	0.42	0.01	0.05
3.79	0.45	0.55	0.42	0.01	0.04	3.80	0.46	0.54	0.44	0.01	0.04
3.81	0.47	0.53	0.45	0.01	0.04	3.82	0.48	0.52	0.46	0.01	0.04
3.83	0.49	0.51	0.46	0.01	0.04	3.84	0.49	0.51	0.47	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.50	0.50	0.48	0.01	0.04	3.86	0.50	0.50	0.48	0.01	0.04
3.87	0.51	0.49	0.49	0.01	0.04	3.88	0.52	0.48	0.50	0.01	0.04
3.89	0.52	0.48	0.50	0.01	0.04	3.90	0.52	0.48	0.50	0.01	0.04
3.91	0.49	0.51	0.47	0.01	0.04	3.92	0.46	0.54	0.44	0.01	0.04
3.93	0.44	0.56	0.42	0.01	0.05	3.94	0.44	0.56	0.42	0.01	0.04
3.95	0.45	0.55	0.42	0.01	0.04	3.96	0.45	0.55	0.43	0.01	0.04
3.97	0.46	0.54	0.43	0.01	0.04	3.98	0.47	0.53	0.44	0.01	0.04
3.99	0.47	0.53	0.45	0.01	0.04	4.00	0.47	0.53	0.45	0.01	0.04
4.01	0.48	0.52	0.46	0.01	0.04	4.02	0.48	0.52	0.46	0.01	0.04
4.03	0.49	0.51	0.47	0.01	0.04	4.04	0.49	0.51	0.47	0.01	0.04
4.05	0.49	0.51	0.47	0.01	0.04	4.06	0.49	0.51	0.46	0.01	0.04
4.07	0.48	0.52	0.46	0.01	0.04	4.08	0.48	0.52	0.45	0.01	0.04
4.09	0.47	0.53	0.45	0.01	0.04	4.10	0.46	0.54	0.44	0.01	0.04
4.11	0.46	0.54	0.44	0.01	0.04	4.12	0.46	0.54	0.44	0.01	0.04
4.13	0.46	0.54	0.44	0.01	0.04	4.14	0.46	0.54	0.44	0.01	0.04
4.15	0.46	0.54	0.44	0.01	0.04	4.16	0.46	0.54	0.44	0.01	0.04
4.17	0.46	0.54	0.44	0.01	0.04	4.18	0.46	0.54	0.44	0.01	0.04
4.19	0.46	0.54	0.44	0.01	0.04	4.20	0.47	0.53	0.44	0.01	0.04
4.21	0.48	0.52	0.45	0.01	0.04	4.22	0.48	0.52	0.46	0.01	0.04
4.23	0.49	0.51	0.46	0.01	0.04	4.24	0.48	0.52	0.46	0.01	0.04
4.25	0.48	0.52	0.45	0.01	0.04	4.26	0.46	0.54	0.44	0.01	0.04
4.27	0.47	0.53	0.44	0.01	0.04	4.28	0.47	0.53	0.45	0.01	0.04
4.29	0.48	0.52	0.45	0.01	0.04	4.30	0.48	0.52	0.45	0.01	0.04
4.31	0.47	0.53	0.45	0.01	0.04	4.32	0.47	0.53	0.44	0.01	0.04
4.33	0.46	0.54	0.44	0.01	0.04	4.34	0.46	0.54	0.43	0.01	0.04
4.35	0.45	0.55	0.43	0.01	0.04	4.36	0.45	0.55	0.43	0.01	0.04
4.37	0.45	0.55	0.43	0.01	0.04	4.38	0.45	0.55	0.43	0.01	0.04
4.39	0.45	0.55	0.42	0.01	0.04	4.40	0.45	0.55	0.43	0.01	0.04
4.41	0.46	0.54	0.43	0.01	0.04	4.42	0.46	0.54	0.44	0.01	0.04
4.43	0.48	0.52	0.46	0.01	0.04	4.44	0.49	0.51	0.47	0.01	0.04
4.45	0.50	0.50	0.48	0.01	0.04	4.46	0.51	0.49	0.50	0.01	0.04
4.47	0.52	0.48	0.50	0.01	0.04	4.48	0.51	0.49	0.49	0.01	0.04
4.49	0.50	0.50	0.48	0.01	0.04	4.50	0.49	0.51	0.47	0.01	0.04
4.51	0.49	0.51	0.46	0.01	0.04	4.52	0.47	0.53	0.45	0.01	0.04
4.53	0.46	0.54	0.44	0.01	0.04	4.54	0.46	0.54	0.44	0.01	0.04
4.55	0.46	0.54	0.44	0.01	0.04	4.56	0.47	0.53	0.44	0.01	0.04
4.57	0.47	0.53	0.45	0.01	0.04	4.58	0.48	0.52	0.46	0.01	0.04
4.59	0.49	0.51	0.47	0.01	0.04	4.60	0.50	0.50	0.48	0.01	0.04
4.61	0.50	0.50	0.48	0.01	0.04	4.62	0.51	0.49	0.49	0.01	0.04
4.63	0.52	0.48	0.50	0.01	0.04	4.64	0.53	0.47	0.51	0.01	0.04
4.65	0.53	0.47	0.52	0.01	0.04	4.66	0.53	0.47	0.51	0.01	0.04
4.67	0.52	0.48	0.51	0.01	0.04	4.68	0.49	0.51	0.47	0.01	0.04
4.69	0.48	0.52	0.46	0.01	0.04	4.70	0.47	0.53	0.44	0.01	0.04
4.71	0.45	0.55	0.43	0.01	0.04	4.72	0.44	0.56	0.42	0.01	0.04
4.73	0.44	0.56	0.42	0.01	0.04	4.74	0.45	0.55	0.43	0.01	0.04
4.75	0.45	0.55	0.43	0.01	0.04	4.76	0.46	0.54	0.44	0.01	0.04
4.77	0.46	0.54	0.44	0.01	0.04	4.78	0.46	0.54	0.43	0.01	0.04
4.79	0.46	0.54	0.43	0.01	0.04	4.80	0.46	0.54	0.44	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.47	0.53	0.45	0.01	0.04	4.82	0.47	0.53	0.45	0.01	0.04
4.83	0.48	0.52	0.45	0.01	0.04	4.84	0.48	0.52	0.46	0.01	0.04
4.85	0.48	0.52	0.45	0.01	0.04	4.86	0.48	0.52	0.46	0.01	0.04
4.87	0.48	0.52	0.46	0.01	0.04	4.88	0.48	0.52	0.46	0.01	0.04
4.89	0.48	0.52	0.46	0.01	0.04	4.90	0.48	0.52	0.46	0.01	0.04
4.91	0.46	0.54	0.43	0.01	0.04	4.92	0.44	0.56	0.42	0.01	0.04
4.93	0.42	0.58	0.40	0.01	0.04	4.94	0.44	0.56	0.42	0.01	0.04
4.95	0.46	0.54	0.43	0.01	0.04	4.96	0.47	0.53	0.45	0.01	0.04
4.97	0.48	0.52	0.46	0.01	0.04	4.98	0.48	0.52	0.46	0.01	0.04
4.99	0.47	0.53	0.45	0.01	0.04	5.00	0.47	0.53	0.45	0.01	0.04
5.01	0.46	0.54	0.44	0.01	0.04	5.02	0.45	0.55	0.43	0.01	0.04
5.03	0.44	0.56	0.42	0.01	0.04	5.04	0.43	0.57	0.41	0.01	0.04
5.05	0.41	0.59	0.40	0.01	0.04	5.06	0.42	0.58	0.40	0.01	0.04
5.07	0.42	0.58	0.40	0.01	0.04	5.08	0.42	0.58	0.40	0.01	0.04
5.09	0.43	0.57	0.41	0.01	0.04	5.10	0.43	0.57	0.41	0.01	0.04
5.11	0.43	0.57	0.41	0.01	0.04	5.12	0.44	0.56	0.41	0.01	0.04
5.13	0.44	0.56	0.42	0.01	0.04	5.14	0.44	0.56	0.42	0.01	0.04
5.15	0.45	0.55	0.42	0.01	0.04	5.16	0.45	0.55	0.43	0.01	0.04
5.17	0.46	0.54	0.44	0.01	0.04	5.18	0.46	0.54	0.44	0.01	0.04
5.19	0.46	0.54	0.44	0.01	0.04	5.20	0.45	0.55	0.43	0.01	0.04
5.21	0.44	0.56	0.42	0.01	0.04	5.22	0.44	0.56	0.41	0.01	0.04
5.23	0.43	0.57	0.41	0.01	0.04	5.24	0.43	0.57	0.41	0.01	0.04
5.25	0.44	0.56	0.42	0.01	0.04	5.26	0.45	0.55	0.42	0.01	0.04
5.27	0.46	0.54	0.43	0.01	0.04	5.28	0.47	0.53	0.45	0.01	0.04
5.29	0.49	0.51	0.47	0.01	0.04	5.30	0.49	0.51	0.47	0.01	0.04
5.31	0.50	0.50	0.48	0.01	0.04	5.32	0.50	0.50	0.48	0.01	0.04
5.33	0.49	0.51	0.47	0.01	0.04	5.34	0.48	0.52	0.46	0.01	0.04
5.35	0.46	0.54	0.43	0.01	0.04	5.36	0.45	0.55	0.43	0.01	0.04
5.37	0.44	0.56	0.42	0.01	0.04	5.38	0.44	0.56	0.42	0.01	0.04
5.39	0.43	0.57	0.41	0.01	0.04	5.40	0.44	0.56	0.42	0.01	0.04
5.41	0.44	0.56	0.42	0.01	0.04	5.42	0.44	0.56	0.42	0.01	0.04
5.43	0.44	0.56	0.42	0.01	0.04	5.44	0.44	0.56	0.42	0.01	0.04
5.45	0.44	0.56	0.42	0.01	0.04	5.46	0.43	0.57	0.41	0.01	0.04
5.47	2.00	0.00	0.00	0.01	0.00	5.48	2.00	0.00	0.00	0.01	0.00
5.49	2.00	0.00	0.00	0.01	0.00	5.50	2.00	0.00	0.00	0.01	0.00
5.51	2.00	0.00	0.00	0.01	0.00	5.52	2.00	0.00	0.00	0.01	0.00
5.53	2.00	0.00	0.00	0.01	0.00	5.54	2.00	0.00	0.00	0.01	0.00
5.55	2.00	0.00	0.00	0.01	0.00	5.56	0.48	0.52	0.46	0.01	0.04
5.57	0.50	0.50	0.48	0.01	0.04	5.58	0.53	0.47	0.52	0.01	0.03
5.59	0.56	0.44	0.56	0.01	0.03	5.60	0.58	0.42	0.59	0.01	0.03
5.61	0.62	0.38	0.67	0.01	0.03	5.62	0.61	0.39	0.65	0.01	0.03
5.63	0.60	0.40	0.63	0.01	0.03	5.64	0.58	0.42	0.59	0.01	0.03
5.65	0.55	0.45	0.55	0.01	0.03	5.66	0.53	0.47	0.51	0.01	0.03
5.67	0.50	0.50	0.48	0.01	0.04	5.68	0.48	0.52	0.46	0.01	0.04
5.69	0.45	0.55	0.43	0.01	0.04	5.70	0.43	0.57	0.41	0.01	0.04
5.71	0.42	0.58	0.40	0.01	0.04	5.72	0.42	0.58	0.40	0.01	0.04
5.73	0.44	0.56	0.42	0.01	0.04	5.74	0.46	0.54	0.44	0.01	0.04
5.75	0.48	0.52	0.45	0.01	0.04	5.76	0.49	0.51	0.47	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.51	0.49	0.49	0.01	0.03	5.78	0.51	0.49	0.50	0.01	0.03
5.79	0.51	0.49	0.49	0.01	0.03	5.80	0.50	0.50	0.48	0.01	0.04
5.81	0.47	0.53	0.45	0.01	0.04	5.82	0.45	0.55	0.43	0.01	0.04
5.83	0.44	0.56	0.42	0.01	0.04	5.84	0.44	0.56	0.41	0.01	0.04
5.85	0.44	0.56	0.42	0.01	0.04	5.86	0.44	0.56	0.42	0.01	0.04
5.87	0.44	0.56	0.42	0.01	0.04	5.88	0.45	0.55	0.43	0.01	0.04
5.89	0.46	0.54	0.43	0.01	0.04	5.90	0.46	0.54	0.44	0.01	0.04
5.91	0.46	0.54	0.44	0.01	0.04	5.92	0.44	0.56	0.42	0.01	0.04
5.93	0.44	0.56	0.42	0.01	0.04	5.94	0.45	0.55	0.43	0.01	0.04
5.95	0.46	0.54	0.44	0.01	0.04	5.96	0.46	0.54	0.44	0.01	0.04
5.97	0.47	0.53	0.44	0.01	0.04	5.98	0.47	0.53	0.45	0.01	0.04
5.99	0.47	0.53	0.45	0.01	0.04	6.00	0.47	0.53	0.44	0.01	0.04
6.01	0.46	0.54	0.44	0.01	0.04	6.02	0.46	0.54	0.44	0.01	0.04
6.03	0.46	0.54	0.44	0.01	0.04	6.04	0.46	0.54	0.43	0.01	0.04
6.05	0.46	0.54	0.43	0.01	0.04	6.06	0.46	0.54	0.44	0.01	0.04
6.07	0.46	0.54	0.44	0.01	0.04	6.08	0.47	0.53	0.44	0.01	0.04
6.09	0.47	0.53	0.45	0.01	0.04	6.10	0.48	0.52	0.46	0.01	0.04
6.11	0.49	0.51	0.47	0.01	0.04	6.12	0.49	0.51	0.47	0.01	0.04
6.13	0.50	0.50	0.48	0.01	0.03	6.14	0.50	0.50	0.48	0.01	0.03
6.15	0.50	0.50	0.48	0.01	0.03	6.16	0.50	0.50	0.48	0.01	0.03
6.17	0.50	0.50	0.48	0.01	0.03	6.18	0.49	0.51	0.47	0.01	0.04
6.19	0.48	0.52	0.46	0.01	0.04	6.20	0.47	0.53	0.45	0.01	0.04
6.21	0.47	0.53	0.44	0.01	0.04	6.22	0.46	0.54	0.43	0.01	0.04
6.23	0.45	0.55	0.43	0.01	0.04	6.24	0.45	0.55	0.43	0.01	0.04
6.25	0.46	0.54	0.44	0.01	0.04	6.26	0.47	0.53	0.44	0.01	0.04
6.27	0.47	0.53	0.44	0.01	0.04	6.28	0.47	0.53	0.44	0.01	0.04
6.29	0.46	0.54	0.44	0.01	0.04	6.30	0.47	0.53	0.44	0.01	0.04
6.31	0.46	0.54	0.44	0.01	0.04	6.32	0.46	0.54	0.44	0.01	0.04
6.33	0.46	0.54	0.43	0.01	0.04	6.34	0.45	0.55	0.43	0.01	0.04
6.35	0.44	0.56	0.42	0.01	0.04	6.36	0.43	0.57	0.41	0.01	0.04
6.37	0.43	0.57	0.41	0.01	0.04	6.38	0.44	0.56	0.42	0.01	0.04
6.39	0.45	0.55	0.43	0.01	0.04	6.40	0.47	0.53	0.45	0.01	0.04
6.41	0.49	0.51	0.46	0.01	0.03	6.42	0.50	0.50	0.48	0.01	0.03
6.43	0.52	0.48	0.51	0.01	0.03	6.44	0.53	0.47	0.52	0.01	0.03
6.45	0.54	0.46	0.53	0.01	0.03	6.46	0.54	0.46	0.53	0.01	0.03
6.47	0.54	0.46	0.53	0.01	0.03	6.48	0.53	0.47	0.52	0.01	0.03
6.49	0.52	0.48	0.51	0.01	0.03	6.50	0.51	0.49	0.49	0.01	0.03
6.51	0.49	0.51	0.47	0.01	0.03	6.52	0.48	0.52	0.45	0.01	0.04
6.53	0.47	0.53	0.45	0.01	0.04	6.54	0.47	0.53	0.45	0.01	0.04
6.55	0.47	0.53	0.45	0.01	0.04	6.56	0.48	0.52	0.46	0.01	0.03
6.57	0.49	0.51	0.46	0.01	0.03	6.58	0.49	0.51	0.47	0.01	0.03
6.59	0.50	0.50	0.48	0.01	0.03	6.60	0.49	0.51	0.47	0.01	0.03
6.61	0.48	0.52	0.46	0.01	0.03	6.62	0.46	0.54	0.44	0.01	0.04
6.63	0.44	0.56	0.42	0.01	0.04	6.64	0.42	0.58	0.40	0.01	0.04
6.65	0.41	0.59	0.40	0.01	0.04	6.66	0.40	0.60	0.39	0.01	0.04
6.67	0.40	0.60	0.39	0.01	0.04	6.68	0.40	0.60	0.39	0.01	0.04
6.69	0.40	0.60	0.39	0.01	0.04	6.70	0.41	0.59	0.39	0.01	0.04
6.71	0.41	0.59	0.40	0.01	0.04	6.72	0.42	0.58	0.40	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.43	0.57	0.41	0.01	0.04	6.74	0.44	0.56	0.42	0.01	0.04
6.75	0.45	0.55	0.43	0.01	0.04	6.76	0.46	0.54	0.43	0.01	0.04
6.77	0.46	0.54	0.44	0.01	0.04	6.78	0.46	0.54	0.44	0.01	0.04
6.79	0.46	0.54	0.44	0.01	0.04	6.80	0.46	0.54	0.44	0.01	0.04
6.81	0.46	0.54	0.44	0.01	0.04	6.82	0.46	0.54	0.44	0.01	0.04
6.83	0.46	0.54	0.44	0.01	0.04	6.84	0.46	0.54	0.44	0.01	0.04
6.85	0.46	0.54	0.44	0.01	0.04	6.86	0.46	0.54	0.44	0.01	0.04
6.87	0.46	0.54	0.43	0.01	0.04	6.88	0.46	0.54	0.44	0.01	0.04
6.89	0.46	0.54	0.44	0.01	0.04	6.90	0.46	0.54	0.44	0.01	0.04
6.91	0.44	0.56	0.42	0.01	0.04	6.92	0.42	0.58	0.40	0.01	0.04
6.93	0.40	0.60	0.38	0.01	0.04	6.94	0.40	0.60	0.39	0.01	0.04
6.95	0.40	0.60	0.39	0.01	0.04	6.96	0.40	0.60	0.39	0.01	0.04
6.97	0.41	0.59	0.39	0.01	0.04	6.98	0.41	0.59	0.39	0.01	0.04
6.99	0.41	0.59	0.39	0.01	0.04	7.00	0.40	0.60	0.39	0.01	0.04
7.01	0.39	0.61	0.38	0.01	0.04	7.02	0.39	0.61	0.38	0.01	0.04
7.03	0.39	0.61	0.38	0.01	0.04	7.04	0.39	0.61	0.38	0.01	0.04
7.05	0.40	0.60	0.38	0.01	0.04	7.06	0.40	0.60	0.39	0.01	0.04
7.07	0.41	0.59	0.39	0.01	0.04	7.08	0.42	0.58	0.40	0.01	0.04
7.09	0.43	0.57	0.41	0.01	0.04	7.10	0.44	0.56	0.42	0.01	0.04
7.11	0.45	0.55	0.43	0.01	0.04	7.12	0.47	0.53	0.44	0.01	0.03
7.13	0.48	0.52	0.45	0.01	0.03	7.14	0.48	0.52	0.45	0.01	0.03
7.15	0.47	0.53	0.45	0.01	0.03	7.16	0.47	0.53	0.44	0.01	0.03
7.17	0.45	0.55	0.43	0.01	0.04	7.18	0.43	0.57	0.41	0.01	0.04
7.19	0.42	0.58	0.40	0.01	0.04	7.20	0.42	0.58	0.40	0.01	0.04
7.21	0.41	0.59	0.40	0.01	0.04	7.22	0.42	0.58	0.40	0.01	0.04
7.23	0.42	0.58	0.40	0.01	0.04	7.24	0.43	0.57	0.41	0.01	0.04
7.25	0.44	0.56	0.42	0.01	0.04	7.26	0.45	0.55	0.42	0.01	0.04
7.27	0.45	0.55	0.43	0.01	0.03	7.28	0.45	0.55	0.43	0.01	0.03
7.29	0.45	0.55	0.43	0.01	0.03	7.30	0.45	0.55	0.43	0.01	0.04
7.31	0.44	0.56	0.42	0.01	0.04	7.32	0.43	0.57	0.41	0.01	0.04
7.33	0.42	0.58	0.40	0.01	0.04	7.34	0.42	0.58	0.40	0.01	0.04
7.35	0.41	0.59	0.39	0.01	0.04	7.36	0.41	0.59	0.39	0.01	0.04
7.37	0.40	0.60	0.39	0.01	0.04	7.38	0.40	0.60	0.39	0.01	0.04
7.39	0.40	0.60	0.39	0.01	0.04	7.40	0.40	0.60	0.38	0.01	0.04
7.41	0.39	0.61	0.38	0.01	0.04	7.42	0.39	0.61	0.38	0.01	0.04
7.43	0.39	0.61	0.38	0.01	0.04	7.44	0.40	0.60	0.38	0.01	0.04
7.45	0.40	0.60	0.38	0.01	0.04	7.46	0.40	0.60	0.39	0.01	0.04
7.47	0.41	0.59	0.40	0.01	0.04	7.48	0.42	0.58	0.40	0.01	0.04
7.49	0.44	0.56	0.41	0.01	0.04	7.50	0.45	0.55	0.42	0.01	0.03
7.51	0.46	0.54	0.43	0.01	0.03	7.52	0.44	0.56	0.42	0.01	0.03
7.53	0.43	0.57	0.41	0.01	0.04	7.54	0.43	0.57	0.41	0.01	0.04
7.55	0.42	0.58	0.40	0.01	0.04	7.56	0.42	0.58	0.40	0.01	0.04
7.57	0.42	0.58	0.40	0.01	0.04	7.58	0.43	0.57	0.41	0.01	0.04
7.59	0.44	0.56	0.42	0.01	0.03	7.60	0.46	0.54	0.43	0.01	0.03
7.61	0.49	0.51	0.47	0.01	0.03	7.62	0.51	0.49	0.49	0.01	0.03
7.63	0.53	0.47	0.52	0.01	0.03	7.64	0.54	0.46	0.53	0.01	0.03
7.65	0.58	0.42	0.60	0.01	0.03	7.66	0.58	0.42	0.59	0.01	0.03
7.67	0.57	0.43	0.57	0.01	0.03	7.68	0.59	0.41	0.62	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.57	0.43	0.57	0.01	0.03	7.70	0.55	0.45	0.54	0.01	0.03
7.71	0.56	0.44	0.56	0.01	0.03	7.72	0.54	0.46	0.53	0.01	0.03
7.73	0.55	0.45	0.55	0.01	0.03	7.74	0.54	0.46	0.53	0.01	0.03
7.75	0.54	0.46	0.53	0.01	0.03	7.76	0.49	0.51	0.47	0.01	0.03
7.77	0.48	0.52	0.46	0.01	0.03	7.78	0.46	0.54	0.44	0.01	0.03
7.79	0.45	0.55	0.43	0.01	0.03	7.80	0.45	0.55	0.43	0.01	0.03
7.81	0.46	0.54	0.44	0.01	0.03	7.82	0.47	0.53	0.45	0.01	0.03
7.83	0.48	0.52	0.45	0.01	0.03	7.84	0.48	0.52	0.46	0.01	0.03
7.85	0.48	0.52	0.46	0.01	0.03	7.86	0.49	0.51	0.47	0.01	0.03
7.87	0.51	0.49	0.49	0.01	0.03	7.88	0.53	0.47	0.51	0.01	0.03
7.89	0.55	0.45	0.55	0.01	0.03	7.90	0.55	0.45	0.54	0.01	0.03
7.91	0.54	0.46	0.53	0.01	0.03	7.92	0.58	0.42	0.59	0.01	0.03
7.93	0.59	0.41	0.60	0.01	0.02	7.94	0.63	0.37	0.69	0.01	0.02
7.95	0.63	0.37	0.70	0.01	0.02	7.96	0.63	0.37	0.69	0.01	0.02
7.97	0.63	0.37	0.70	0.01	0.02	7.98	0.61	0.39	0.65	0.01	0.02
7.99	0.58	0.42	0.60	0.01	0.03	8.00	0.52	0.48	0.50	0.01	0.03
8.01	0.47	0.53	0.44	0.01	0.03	8.02	0.43	0.57	0.41	0.01	0.03
8.03	0.43	0.57	0.41	0.01	0.03	8.04	0.42	0.58	0.40	0.01	0.03
8.05	0.42	0.58	0.40	0.01	0.03	8.06	0.42	0.58	0.40	0.01	0.03
8.07	0.42	0.58	0.40	0.01	0.03	8.08	0.42	0.58	0.40	0.01	0.03
8.09	0.42	0.58	0.40	0.01	0.03	8.10	0.43	0.57	0.41	0.01	0.03
8.11	0.43	0.57	0.41	0.01	0.03	8.12	0.43	0.57	0.41	0.01	0.03
8.13	0.43	0.57	0.41	0.01	0.03	8.14	0.43	0.57	0.41	0.01	0.03
8.15	0.44	0.56	0.42	0.01	0.03	8.16	0.44	0.56	0.42	0.01	0.03
8.17	0.45	0.55	0.43	0.01	0.03	8.18	0.45	0.55	0.43	0.01	0.03
8.19	0.46	0.54	0.43	0.01	0.03	8.20	0.46	0.54	0.43	0.01	0.03
8.21	0.46	0.54	0.43	0.01	0.03	8.22	0.46	0.54	0.43	0.01	0.03
8.23	0.45	0.55	0.43	0.01	0.03	8.24	0.45	0.55	0.43	0.01	0.03
8.25	0.45	0.55	0.43	0.01	0.03	8.26	0.45	0.55	0.43	0.01	0.03
8.27	0.45	0.55	0.43	0.01	0.03	8.28	0.45	0.55	0.43	0.01	0.03
8.29	0.46	0.54	0.43	0.01	0.03	8.30	0.46	0.54	0.44	0.01	0.03
8.31	0.46	0.54	0.44	0.01	0.03	8.32	0.47	0.53	0.45	0.01	0.03
8.33	0.47	0.53	0.45	0.01	0.03	8.34	0.48	0.52	0.46	0.01	0.03
8.35	0.48	0.52	0.46	0.01	0.03	8.36	0.48	0.52	0.46	0.01	0.03
8.37	0.48	0.52	0.46	0.01	0.03	8.38	0.49	0.51	0.46	0.01	0.03
8.39	0.49	0.51	0.47	0.01	0.03	8.40	0.49	0.51	0.47	0.01	0.03
8.41	0.49	0.51	0.47	0.01	0.03	8.42	0.49	0.51	0.47	0.01	0.03
8.43	0.49	0.51	0.47	0.01	0.03	8.44	0.49	0.51	0.47	0.01	0.03
8.45	0.49	0.51	0.47	0.01	0.03	8.46	0.49	0.51	0.47	0.01	0.03
8.47	0.49	0.51	0.46	0.01	0.03	8.48	0.48	0.52	0.46	0.01	0.03
8.49	0.48	0.52	0.46	0.01	0.03	8.50	0.47	0.53	0.45	0.01	0.03
8.51	0.47	0.53	0.45	0.01	0.03	8.52	0.46	0.54	0.44	0.01	0.03
8.53	0.46	0.54	0.43	0.01	0.03	8.54	0.45	0.55	0.43	0.01	0.03
8.55	0.45	0.55	0.43	0.01	0.03	8.56	0.45	0.55	0.42	0.01	0.03
8.57	0.44	0.56	0.42	0.01	0.03	8.58	0.44	0.56	0.41	0.01	0.03
8.59	0.43	0.57	0.41	0.01	0.03	8.60	0.44	0.56	0.41	0.01	0.03
8.61	0.43	0.57	0.41	0.01	0.03	8.62	0.44	0.56	0.42	0.01	0.03
8.63	0.44	0.56	0.42	0.01	0.03	8.64	0.45	0.55	0.43	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	0.45	0.55	0.43	0.01	0.03	8.66	0.46	0.54	0.44	0.01	0.03
8.67	0.46	0.54	0.44	0.01	0.03	8.68	0.46	0.54	0.44	0.01	0.03
8.69	0.47	0.53	0.44	0.01	0.03	8.70	0.47	0.53	0.44	0.01	0.03
8.71	0.47	0.53	0.44	0.01	0.03	8.72	0.47	0.53	0.44	0.01	0.03
8.73	0.47	0.53	0.45	0.01	0.03	8.74	0.47	0.53	0.45	0.01	0.03
8.75	0.47	0.53	0.45	0.01	0.03	8.76	0.47	0.53	0.44	0.01	0.03
8.77	0.46	0.54	0.44	0.01	0.03	8.78	0.46	0.54	0.43	0.01	0.03
8.79	0.45	0.55	0.43	0.01	0.03	8.80	0.45	0.55	0.42	0.01	0.03
8.81	0.44	0.56	0.42	0.01	0.03	8.82	0.44	0.56	0.42	0.01	0.03
8.83	0.44	0.56	0.42	0.01	0.03	8.84	0.43	0.57	0.41	0.01	0.03
8.85	0.43	0.57	0.41	0.01	0.03	8.86	0.43	0.57	0.41	0.01	0.03
8.87	0.43	0.57	0.41	0.01	0.03	8.88	0.44	0.56	0.42	0.01	0.03
8.89	0.44	0.56	0.42	0.01	0.03	8.90	0.44	0.56	0.42	0.01	0.03
8.91	0.42	0.58	0.40	0.01	0.03	8.92	0.40	0.60	0.39	0.01	0.03
8.93	0.39	0.61	0.38	0.01	0.03	8.94	0.40	0.60	0.38	0.01	0.03
8.95	0.40	0.60	0.39	0.01	0.03	8.96	0.41	0.59	0.40	0.01	0.03
8.97	0.42	0.58	0.40	0.01	0.03	8.98	0.43	0.57	0.41	0.01	0.03
8.99	0.44	0.56	0.42	0.01	0.03	9.00	0.44	0.56	0.42	0.01	0.03
9.01	0.45	0.55	0.43	0.01	0.03	9.02	0.46	0.54	0.44	0.01	0.03
9.03	0.47	0.53	0.44	0.01	0.03	9.04	0.47	0.53	0.45	0.01	0.03
9.05	0.47	0.53	0.45	0.01	0.03	9.06	0.47	0.53	0.45	0.01	0.03
9.07	0.48	0.52	0.45	0.01	0.03	9.08	0.47	0.53	0.45	0.01	0.03
9.09	0.47	0.53	0.45	0.01	0.03	9.10	0.46	0.54	0.44	0.01	0.03
9.11	0.45	0.55	0.43	0.01	0.03	9.12	0.45	0.55	0.43	0.01	0.03
9.13	0.45	0.55	0.43	0.01	0.03	9.14	0.45	0.55	0.43	0.01	0.03
9.15	0.46	0.54	0.43	0.01	0.03	9.16	0.46	0.54	0.43	0.01	0.03
9.17	0.46	0.54	0.44	0.01	0.03	9.18	0.47	0.53	0.44	0.01	0.03
9.19	0.47	0.53	0.45	0.01	0.03	9.20	0.48	0.52	0.46	0.01	0.03
9.21	0.49	0.51	0.47	0.01	0.03	9.22	0.49	0.51	0.47	0.01	0.03
9.23	0.50	0.50	0.47	0.01	0.03	9.24	0.50	0.50	0.48	0.01	0.03
9.25	0.52	0.48	0.50	0.01	0.03	9.26	0.53	0.47	0.52	0.01	0.03
9.27	0.54	0.46	0.53	0.01	0.02	9.28	0.56	0.44	0.56	0.01	0.02
9.29	0.56	0.44	0.56	0.01	0.02	9.30	0.56	0.44	0.57	0.01	0.02
9.31	0.56	0.44	0.56	0.01	0.02	9.32	0.56	0.44	0.56	0.01	0.02
9.33	0.56	0.44	0.55	0.01	0.02	9.34	0.55	0.45	0.55	0.01	0.02
9.35	0.55	0.45	0.55	0.01	0.02	9.36	0.55	0.45	0.55	0.01	0.02
9.37	0.56	0.44	0.56	0.01	0.02	9.38	0.56	0.44	0.57	0.01	0.02
9.39	0.57	0.43	0.58	0.01	0.02	9.40	0.57	0.43	0.57	0.01	0.02
9.41	0.56	0.44	0.56	0.01	0.02	9.42	0.55	0.45	0.55	0.01	0.02
9.43	0.54	0.46	0.53	0.01	0.02	9.44	0.53	0.47	0.51	0.01	0.02
9.45	0.53	0.47	0.51	0.01	0.02	9.46	0.53	0.47	0.51	0.01	0.02
9.47	0.52	0.48	0.51	0.01	0.03	9.48	0.52	0.48	0.50	0.01	0.03
9.49	0.50	0.50	0.48	0.01	0.03	9.50	0.49	0.51	0.47	0.01	0.03
9.51	0.49	0.51	0.46	0.01	0.03	9.52	0.47	0.53	0.45	0.01	0.03
9.53	0.47	0.53	0.44	0.01	0.03	9.54	0.46	0.54	0.43	0.01	0.03
9.55	0.45	0.55	0.43	0.01	0.03	9.56	0.44	0.56	0.42	0.01	0.03
9.57	0.43	0.57	0.41	0.01	0.03	9.58	0.43	0.57	0.41	0.01	0.03
9.59	0.43	0.57	0.41	0.01	0.03	9.60	0.44	0.56	0.41	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	0.44	0.56	0.42	0.01	0.03	9.62	0.46	0.54	0.44	0.01	0.03
9.63	0.47	0.53	0.45	0.01	0.03	9.64	0.48	0.52	0.46	0.01	0.03
9.65	0.49	0.51	0.47	0.01	0.03	9.66	0.49	0.51	0.47	0.01	0.03
9.67	0.50	0.50	0.48	0.01	0.03	9.68	0.51	0.49	0.49	0.01	0.03
9.69	0.51	0.49	0.50	0.01	0.03	9.70	0.51	0.49	0.49	0.01	0.03
9.71	0.51	0.49	0.49	0.01	0.03	9.72	0.52	0.48	0.50	0.01	0.02
9.73	0.52	0.48	0.50	0.01	0.02	9.74	0.52	0.48	0.50	0.01	0.02
9.75	0.52	0.48	0.50	0.01	0.02	9.76	0.51	0.49	0.49	0.01	0.02
9.77	0.51	0.49	0.50	0.01	0.02	9.78	0.50	0.50	0.48	0.01	0.03
9.79	0.49	0.51	0.47	0.01	0.03	9.80	0.49	0.51	0.47	0.01	0.03
9.81	0.48	0.52	0.45	0.01	0.03	9.82	0.46	0.54	0.44	0.01	0.03
9.83	0.45	0.55	0.43	0.01	0.03	9.84	0.44	0.56	0.42	0.01	0.03
9.85	0.44	0.56	0.42	0.01	0.03	9.86	0.44	0.56	0.42	0.01	0.03
9.87	0.44	0.56	0.42	0.01	0.03	9.88	0.44	0.56	0.42	0.01	0.03
9.89	0.44	0.56	0.42	0.01	0.03	9.90	0.44	0.56	0.41	0.01	0.03
9.91	0.42	0.58	0.40	0.01	0.03	9.92	0.41	0.59	0.40	0.01	0.03
9.93	0.42	0.58	0.40	0.01	0.03	9.94	0.43	0.57	0.41	0.01	0.03
9.95	0.44	0.56	0.42	0.01	0.03	9.96	0.44	0.56	0.42	0.01	0.03
9.97	0.44	0.56	0.42	0.01	0.03	9.98	0.45	0.55	0.43	0.01	0.03
9.99	0.45	0.55	0.43	0.01	0.03	10.00	0.49	0.51	0.47	0.01	0.03
10.01	0.47	0.53	0.44	0.01	0.03	10.02	0.50	0.50	0.48	0.01	0.02
10.03	0.50	0.50	0.48	0.01	0.03	10.04	0.49	0.51	0.47	0.01	0.03
10.05	0.48	0.52	0.46	0.01	0.03	10.06	0.46	0.54	0.43	0.01	0.03
10.07	0.45	0.55	0.43	0.01	0.03	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00

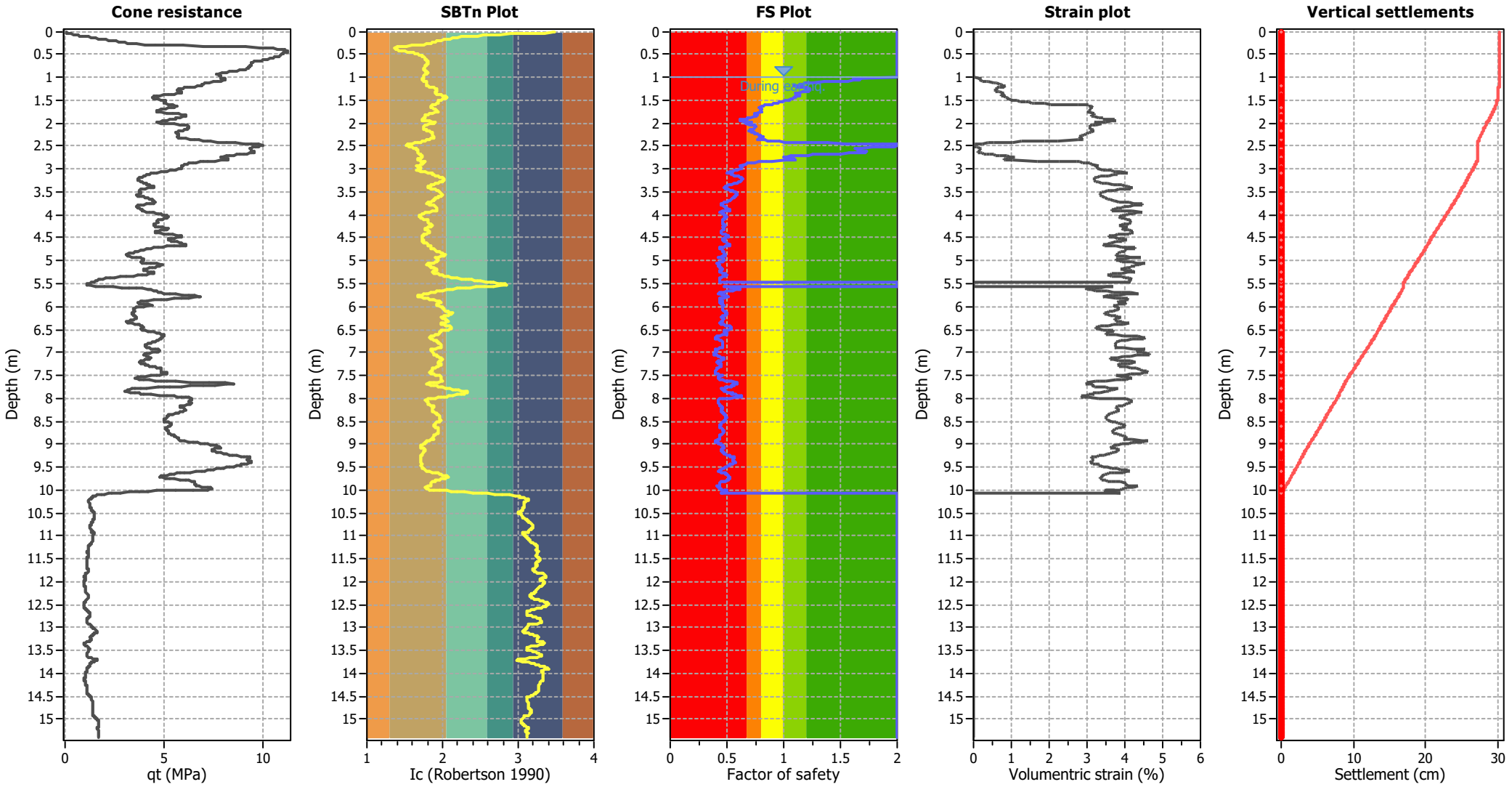
Overall liquefaction potential: 26.73

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	131.70	2.00	0.00	1.00	0.00	1.01	132.88	1.61	0.19	1.00	0.00
1.02	133.21	1.61	0.19	1.00	0.00	1.03	134.22	1.64	0.17	1.00	0.00
1.04	135.56	1.68	0.15	1.00	0.00	1.05	135.56	1.67	0.16	1.00	0.00
1.06	135.23	1.65	0.17	1.00	0.00	1.07	134.39	1.61	0.19	1.00	0.00
1.08	133.22	1.56	0.22	1.00	0.00	1.09	128.77	1.43	0.33	1.00	0.00
1.10	126.31	1.36	0.40	1.00	0.00	1.11	122.28	1.26	0.52	1.00	0.01
1.12	120.98	1.23	0.57	1.00	0.01	1.13	119.60	1.19	0.63	1.00	0.01
1.14	118.12	1.16	0.70	1.00	0.01	1.15	117.58	1.15	0.73	1.00	0.01
1.16	117.48	1.14	0.74	1.00	0.01	1.17	117.22	1.13	0.77	1.00	0.01
1.18	116.83	1.12	0.80	1.00	0.01	1.19	115.76	1.10	0.86	1.00	0.01
1.20	117.69	1.12	0.78	1.00	0.01	1.21	117.74	1.12	0.79	1.00	0.01
1.22	120.39	1.16	0.69	1.00	0.01	1.23	122.42	1.20	0.62	1.00	0.01
1.24	122.15	1.19	0.64	1.00	0.01	1.25	123.74	1.22	0.59	1.00	0.01
1.26	124.68	1.23	0.56	1.00	0.01	1.27	124.65	1.23	0.57	1.00	0.01
1.28	125.07	1.23	0.56	1.00	0.01	1.29	124.51	1.22	0.59	1.00	0.01
1.30	124.55	1.21	0.60	1.00	0.01	1.31	123.22	1.18	0.65	1.00	0.01
1.32	122.50	1.16	0.69	1.00	0.01	1.33	121.11	1.13	0.76	1.00	0.01
1.34	121.54	1.14	0.75	1.00	0.01	1.35	120.19	1.11	0.82	1.00	0.01
1.36	121.29	1.12	0.77	1.00	0.01	1.37	122.69	1.15	0.72	1.00	0.01
1.38	121.32	1.12	0.79	1.00	0.01	1.39	122.58	1.14	0.74	1.00	0.01
1.40	123.10	1.14	0.73	1.00	0.01	1.41	121.05	1.10	0.83	1.00	0.01
1.42	121.72	1.11	0.81	1.00	0.01	1.43	121.30	1.10	0.83	1.00	0.01
1.44	120.79	1.09	0.87	1.00	0.01	1.45	120.92	1.09	0.87	1.00	0.01
1.46	120.31	1.07	0.91	1.00	0.01	1.47	121.04	1.08	0.88	1.00	0.01
1.48	120.27	1.06	0.93	1.00	0.01	1.49	119.00	1.04	1.02	1.00	0.01
1.50	119.52	1.05	1.00	1.00	0.01	1.51	117.47	1.01	1.15	1.00	0.01
1.52	116.45	0.99	1.24	1.00	0.01	1.53	115.12	0.97	1.38	1.00	0.01
1.54	114.43	0.96	1.47	1.00	0.01	1.55	114.03	0.95	1.53	1.00	0.02
1.56	113.89	0.94	1.57	1.00	0.02	1.57	113.62	0.94	1.62	1.00	0.02
1.58	111.99	0.91	1.88	1.00	0.02	1.59	111.35	0.90	2.02	1.00	0.02
1.60	108.67	0.87	2.76	1.00	0.03	1.61	106.00	0.83	3.03	1.00	0.03
1.62	105.34	0.83	3.05	1.00	0.03	1.63	103.62	0.81	3.10	1.00	0.03
1.64	103.60	0.80	3.10	1.00	0.03	1.65	102.07	0.79	3.15	1.00	0.03
1.66	102.76	0.79	3.12	1.00	0.03	1.67	103.73	0.80	3.09	1.00	0.03
1.68	102.97	0.79	3.12	1.00	0.03	1.69	104.14	0.80	3.08	1.00	0.03
1.70	104.72	0.80	3.06	1.00	0.03	1.71	104.04	0.79	3.09	1.00	0.03
1.72	104.46	0.80	3.07	1.00	0.03	1.73	104.99	0.80	3.06	1.00	0.03
1.74	105.56	0.80	3.04	1.00	0.03	1.75	106.30	0.81	3.02	1.00	0.03
1.76	105.00	0.80	3.06	1.00	0.03	1.77	105.46	0.80	3.04	1.00	0.03
1.78	101.13	0.76	3.18	1.00	0.03	1.79	102.18	0.76	3.14	1.00	0.03
1.80	100.43	0.75	3.20	1.00	0.03	1.81	101.02	0.75	3.18	1.00	0.03
1.82	101.91	0.76	3.15	1.00	0.03	1.83	103.20	0.77	3.11	1.00	0.03
1.84	102.92	0.76	3.12	1.00	0.03	1.85	102.24	0.75	3.14	1.00	0.03
1.86	100.56	0.74	3.19	1.00	0.03	1.87	97.03	0.71	3.31	1.00	0.03
1.88	95.66	0.69	3.36	1.00	0.03	1.89	93.63	0.68	3.43	1.00	0.03
1.90	93.62	0.68	3.43	1.00	0.03	1.91	93.62	0.67	3.43	1.00	0.03
1.92	85.90	0.62	3.74	1.00	0.04	1.93	87.08	0.63	3.69	1.00	0.04
1.94	86.07	0.62	3.73	1.00	0.04	1.95	85.68	0.62	3.75	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	88.44	0.63	3.64	1.00	0.04	1.97	92.32	0.66	3.48	1.00	0.03
1.98	98.47	0.70	3.26	1.00	0.03	1.99	100.43	0.72	3.20	1.00	0.03
2.00	97.52	0.69	3.30	1.00	0.03	2.01	99.79	0.71	3.22	1.00	0.03
2.02	95.00	0.67	3.38	1.00	0.03	2.03	99.23	0.70	3.24	1.00	0.03
2.04	101.39	0.72	3.17	1.00	0.03	2.05	104.54	0.75	3.07	1.00	0.03
2.06	104.87	0.75	3.06	1.00	0.03	2.07	104.70	0.75	3.06	1.00	0.03
2.08	104.19	0.74	3.08	1.00	0.03	2.09	104.02	0.74	3.09	1.00	0.03
2.10	104.36	0.74	3.08	1.00	0.03	2.11	104.86	0.74	3.06	1.00	0.03
2.12	104.53	0.74	3.07	1.00	0.03	2.13	104.03	0.73	3.09	1.00	0.03
2.14	102.41	0.72	3.14	1.00	0.03	2.15	101.74	0.71	3.16	1.00	0.03
2.16	101.52	0.71	3.16	1.00	0.03	2.17	100.48	0.70	3.20	1.00	0.03
2.18	101.40	0.71	3.17	1.00	0.03	2.19	102.91	0.72	3.12	1.00	0.03
2.20	103.89	0.73	3.09	1.00	0.03	2.21	105.62	0.74	3.04	1.00	0.03
2.22	106.30	0.75	3.02	1.00	0.03	2.23	107.87	0.76	2.97	1.00	0.03
2.24	108.78	0.77	2.95	1.00	0.03	2.25	110.27	0.78	2.90	1.00	0.03
2.26	111.29	0.79	2.88	1.00	0.03	2.27	112.00	0.80	2.86	1.00	0.03
2.28	113.14	0.81	2.83	1.00	0.03	2.29	113.53	0.82	2.82	1.00	0.03
2.30	114.25	0.82	2.80	1.00	0.03	2.31	113.85	0.82	2.81	1.00	0.03
2.32	113.38	0.81	2.82	1.00	0.03	2.33	110.71	0.78	2.89	1.00	0.03
2.34	111.77	0.79	2.86	1.00	0.03	2.35	110.44	0.77	2.90	1.00	0.03
2.36	110.51	0.77	2.90	1.00	0.03	2.37	115.12	0.83	2.78	1.00	0.03
2.38	117.48	0.86	2.22	1.00	0.02	2.39	119.46	0.88	1.87	1.00	0.02
2.40	124.49	0.96	1.28	1.00	0.01	2.41	127.85	1.02	1.03	1.00	0.01
2.42	137.59	1.24	0.54	1.00	0.01	2.43	142.47	1.38	0.37	1.00	0.00
2.44	146.77	1.54	0.24	1.00	0.00	2.45	153.85	1.87	0.05	1.00	0.00
2.46	156.63	2.00	0.00	1.00	0.00	2.47	159.50	2.00	0.00	1.00	0.00
2.48	159.37	2.00	0.00	1.00	0.00	2.49	157.91	2.00	0.00	1.00	0.00
2.50	156.93	2.00	0.00	1.00	0.00	2.51	155.95	1.98	0.01	1.00	0.00
2.52	153.63	1.84	0.07	1.00	0.00	2.53	152.40	1.78	0.10	1.00	0.00
2.54	150.31	1.67	0.16	1.00	0.00	2.55	149.68	1.64	0.17	1.00	0.00
2.56	149.42	1.63	0.18	1.00	0.00	2.57	150.14	1.66	0.16	1.00	0.00
2.58	150.37	1.67	0.16	1.00	0.00	2.59	150.23	1.66	0.16	1.00	0.00
2.60	150.09	1.66	0.17	1.00	0.00	2.61	150.57	1.68	0.16	1.00	0.00
2.62	151.89	1.74	0.12	1.00	0.00	2.63	151.51	1.72	0.13	1.00	0.00
2.64	149.67	1.63	0.18	1.00	0.00	2.65	148.44	1.58	0.22	1.00	0.00
2.66	146.46	1.49	0.28	1.00	0.00	2.67	143.87	1.40	0.36	1.00	0.00
2.68	142.25	1.34	0.42	1.00	0.00	2.69	139.26	1.25	0.52	1.00	0.01
2.70	137.89	1.21	0.58	1.00	0.01	2.71	135.75	1.16	0.67	1.00	0.01
2.72	131.79	1.06	0.87	1.00	0.01	2.73	130.23	1.03	0.97	1.00	0.01
2.74	128.67	1.00	1.08	1.00	0.01	2.75	128.69	1.00	1.08	1.00	0.01
2.76	131.21	1.05	0.92	1.00	0.01	2.77	132.23	1.07	0.86	1.00	0.01
2.78	133.37	1.09	0.80	1.00	0.01	2.79	133.63	1.10	0.79	1.00	0.01
2.80	132.38	1.07	0.86	1.00	0.01	2.81	129.73	1.01	1.02	1.00	0.01
2.82	122.64	0.89	1.69	1.00	0.02	2.83	119.20	0.84	2.29	1.00	0.02
2.84	116.29	0.80	2.75	1.00	0.03	2.85	114.30	0.78	2.80	1.00	0.03
2.86	111.41	0.75	2.87	1.00	0.03	2.87	108.72	0.72	2.95	1.00	0.03
2.88	103.85	0.67	3.09	1.00	0.03	2.89	103.35	0.67	3.11	1.00	0.03
2.90	103.35	0.67	3.11	1.00	0.03	2.91	103.35	0.67	3.11	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	96.98	0.62	3.32	1.00	0.03	2.93	99.66	0.64	3.22	1.00	0.03
2.94	99.66	0.64	3.22	1.00	0.03	2.95	99.16	0.63	3.24	1.00	0.03
2.96	98.82	0.63	3.25	1.00	0.03	2.97	98.49	0.63	3.26	1.00	0.03
2.98	98.32	0.63	3.27	1.00	0.03	2.99	97.65	0.62	3.29	1.00	0.03
3.00	96.64	0.61	3.33	1.00	0.03	3.01	93.62	0.59	3.43	1.00	0.03
3.02	92.11	0.58	3.49	1.00	0.03	3.03	90.94	0.57	3.54	1.00	0.04
3.04	88.42	0.56	3.64	1.00	0.04	3.05	87.08	0.55	3.69	1.00	0.04
3.06	85.06	0.54	3.78	1.00	0.04	3.07	82.73	0.53	3.88	1.00	0.04
3.08	78.72	0.50	4.07	1.00	0.04	3.09	82.26	0.52	3.90	1.00	0.04
3.10	84.13	0.53	3.82	1.00	0.04	3.11	84.26	0.53	3.81	1.00	0.04
3.12	85.26	0.54	3.77	1.00	0.04	3.13	86.85	0.55	3.70	1.00	0.04
3.14	89.78	0.56	3.58	1.00	0.04	3.15	92.36	0.58	3.48	1.00	0.03
3.16	95.60	0.60	3.36	1.00	0.03	3.17	98.31	0.62	3.27	1.00	0.03
3.18	99.22	0.62	3.24	1.00	0.03	3.19	100.45	0.63	3.20	1.00	0.03
3.20	101.12	0.63	3.18	1.00	0.03	3.21	101.17	0.63	3.18	1.00	0.03
3.22	100.97	0.63	3.18	1.00	0.03	3.23	100.92	0.63	3.18	1.00	0.03
3.24	100.95	0.63	3.18	1.00	0.03	3.25	100.45	0.63	3.20	1.00	0.03
3.26	100.48	0.63	3.20	1.00	0.03	3.27	99.72	0.62	3.22	1.00	0.03
3.28	98.81	0.61	3.25	1.00	0.03	3.29	97.08	0.60	3.31	1.00	0.03
3.30	95.23	0.59	3.38	1.00	0.03	3.31	92.85	0.57	3.46	1.00	0.03
3.32	90.66	0.56	3.55	1.00	0.04	3.33	87.50	0.54	3.67	1.00	0.04
3.34	84.50	0.52	3.80	1.00	0.04	3.35	81.62	0.51	3.93	1.00	0.04
3.36	80.36	0.50	3.99	1.00	0.04	3.37	79.03	0.49	4.06	1.00	0.04
3.38	78.31	0.49	4.09	1.00	0.04	3.39	77.27	0.48	4.14	1.00	0.04
3.40	76.65	0.48	4.18	1.00	0.04	3.41	76.68	0.48	4.18	1.00	0.04
3.42	77.69	0.48	4.12	1.00	0.04	3.43	77.45	0.48	4.14	1.00	0.04
3.44	80.33	0.50	3.99	1.00	0.04	3.45	83.58	0.51	3.84	1.00	0.04
3.46	86.27	0.53	3.73	1.00	0.04	3.47	89.28	0.54	3.60	1.00	0.04
3.48	91.20	0.56	3.53	1.00	0.04	3.49	92.68	0.56	3.47	1.00	0.03
3.50	93.80	0.57	3.43	1.00	0.03	3.51	95.28	0.58	3.37	1.00	0.03
3.52	95.81	0.58	3.36	1.00	0.03	3.53	96.04	0.59	3.35	1.00	0.03
3.54	96.26	0.59	3.34	1.00	0.03	3.55	96.41	0.59	3.33	1.00	0.03
3.56	95.75	0.58	3.36	1.00	0.03	3.57	95.70	0.58	3.36	1.00	0.03
3.58	94.98	0.58	3.39	1.00	0.03	3.59	95.33	0.58	3.37	1.00	0.03
3.60	94.37	0.57	3.41	1.00	0.03	3.61	93.75	0.57	3.43	1.00	0.03
3.62	93.02	0.56	3.46	1.00	0.03	3.63	91.57	0.55	3.51	1.00	0.04
3.64	91.43	0.55	3.52	1.00	0.04	3.65	90.44	0.54	3.56	1.00	0.04
3.66	89.44	0.54	3.60	1.00	0.04	3.67	88.74	0.53	3.62	1.00	0.04
3.68	87.46	0.53	3.68	1.00	0.04	3.69	87.06	0.52	3.69	1.00	0.04
3.70	85.95	0.52	3.74	1.00	0.04	3.71	83.47	0.50	3.85	1.00	0.04
3.72	80.38	0.49	3.99	1.00	0.04	3.73	77.64	0.47	4.13	1.00	0.04
3.74	75.36	0.46	4.24	1.00	0.04	3.75	73.83	0.46	4.33	1.00	0.04
3.76	72.75	0.45	4.39	1.00	0.04	3.77	71.40	0.44	4.47	1.00	0.04
3.78	71.66	0.45	4.45	1.00	0.04	3.79	72.24	0.45	4.42	1.00	0.04
3.80	75.86	0.46	4.22	1.00	0.04	3.81	78.09	0.47	4.10	1.00	0.04
3.82	79.95	0.48	4.01	1.00	0.04	3.83	81.11	0.49	3.96	1.00	0.04
3.84	82.15	0.49	3.91	1.00	0.04	3.85	83.71	0.50	3.84	1.00	0.04
3.86	84.87	0.50	3.79	1.00	0.04	3.87	85.87	0.51	3.74	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	87.16	0.52	3.69	1.00	0.04	3.89	87.93	0.52	3.66	1.00	0.04
3.90	87.76	0.52	3.66	1.00	0.04	3.91	82.87	0.49	3.87	1.00	0.04
3.92	76.13	0.46	4.20	1.00	0.04	3.93	71.40	0.44	4.47	1.00	0.04
3.94	72.31	0.44	4.41	1.00	0.04	3.95	72.86	0.45	4.38	1.00	0.04
3.96	73.99	0.45	4.32	1.00	0.04	3.97	75.38	0.46	4.24	1.00	0.04
3.98	77.65	0.47	4.13	1.00	0.04	3.99	78.55	0.47	4.08	1.00	0.04
4.00	79.30	0.47	4.04	1.00	0.04	4.01	80.87	0.48	3.97	1.00	0.04
4.02	81.89	0.48	3.92	1.00	0.04	4.03	83.32	0.49	3.85	1.00	0.04
4.04	83.93	0.49	3.83	1.00	0.04	4.05	83.33	0.49	3.85	1.00	0.04
4.06	82.59	0.49	3.89	1.00	0.04	4.07	81.59	0.48	3.93	1.00	0.04
4.08	80.31	0.48	3.99	1.00	0.04	4.09	79.57	0.47	4.03	1.00	0.04
4.10	77.60	0.46	4.13	1.00	0.04	4.11	77.61	0.46	4.13	1.00	0.04
4.12	77.45	0.46	4.14	1.00	0.04	4.13	77.18	0.46	4.15	1.00	0.04
4.14	77.12	0.46	4.15	1.00	0.04	4.15	77.14	0.46	4.15	1.00	0.04
4.16	77.18	0.46	4.15	1.00	0.04	4.17	77.63	0.46	4.13	1.00	0.04
4.18	77.40	0.46	4.14	1.00	0.04	4.19	78.12	0.46	4.10	1.00	0.04
4.20	79.60	0.47	4.03	1.00	0.04	4.21	81.18	0.48	3.95	1.00	0.04
4.22	82.69	0.48	3.88	1.00	0.04	4.23	83.52	0.49	3.85	1.00	0.04
4.24	82.69	0.48	3.88	1.00	0.04	4.25	81.33	0.48	3.95	1.00	0.04
4.26	78.81	0.46	4.07	1.00	0.04	4.27	79.59	0.47	4.03	1.00	0.04
4.28	80.24	0.47	4.00	1.00	0.04	4.29	81.50	0.48	3.94	1.00	0.04
4.30	82.05	0.48	3.91	1.00	0.04	4.31	81.06	0.47	3.96	1.00	0.04
4.32	80.02	0.47	4.01	1.00	0.04	4.33	78.54	0.46	4.08	1.00	0.04
4.34	77.83	0.46	4.12	1.00	0.04	4.35	76.32	0.45	4.19	1.00	0.04
4.36	76.70	0.45	4.17	1.00	0.04	4.37	76.49	0.45	4.18	1.00	0.04
4.38	76.13	0.45	4.20	1.00	0.04	4.39	75.52	0.45	4.24	1.00	0.04
4.40	76.84	0.45	4.17	1.00	0.04	4.41	77.98	0.46	4.11	1.00	0.04
4.42	79.72	0.46	4.02	1.00	0.04	4.43	84.10	0.48	3.82	1.00	0.04
4.44	86.00	0.49	3.74	1.00	0.04	4.45	88.02	0.50	3.65	1.00	0.04
4.46	89.64	0.51	3.59	1.00	0.04	4.47	89.96	0.52	3.57	1.00	0.04
4.48	88.86	0.51	3.62	1.00	0.04	4.49	87.36	0.50	3.68	1.00	0.04
4.50	86.00	0.49	3.74	1.00	0.04	4.51	84.77	0.49	3.79	1.00	0.04
4.52	81.70	0.47	3.93	1.00	0.04	4.53	80.32	0.46	3.99	1.00	0.04
4.54	79.34	0.46	4.04	1.00	0.04	4.55	79.42	0.46	4.04	1.00	0.04
4.56	80.67	0.47	3.98	1.00	0.04	4.57	82.19	0.47	3.91	1.00	0.04
4.58	83.69	0.48	3.84	1.00	0.04	4.59	85.45	0.49	3.76	1.00	0.04
4.60	87.58	0.50	3.67	1.00	0.04	4.61	88.08	0.50	3.65	1.00	0.04
4.62	88.98	0.51	3.61	1.00	0.04	4.63	90.86	0.52	3.54	1.00	0.04
4.64	92.74	0.53	3.47	1.00	0.03	4.65	93.46	0.53	3.44	1.00	0.03
4.66	92.92	0.53	3.46	1.00	0.03	4.67	91.85	0.52	3.50	1.00	0.04
4.68	86.85	0.49	3.70	1.00	0.04	4.69	85.14	0.48	3.77	1.00	0.04
4.70	81.87	0.47	3.92	1.00	0.04	4.71	78.85	0.45	4.07	1.00	0.04
4.72	74.82	0.44	4.27	1.00	0.04	4.73	74.85	0.44	4.27	1.00	0.04
4.74	77.63	0.45	4.13	1.00	0.04	4.75	79.15	0.45	4.05	1.00	0.04
4.76	80.50	0.46	3.98	1.00	0.04	4.77	80.14	0.46	4.00	1.00	0.04
4.78	79.91	0.46	4.01	1.00	0.04	4.79	79.97	0.46	4.01	1.00	0.04
4.80	81.43	0.46	3.94	1.00	0.04	4.81	82.71	0.47	3.88	1.00	0.04
4.82	83.47	0.47	3.85	1.00	0.04	4.83	84.01	0.48	3.82	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	84.68	0.48	3.79	1.00	0.04	4.85	84.09	0.48	3.82	1.00	0.04
4.86	84.81	0.48	3.79	1.00	0.04	4.87	85.20	0.48	3.77	1.00	0.04
4.88	85.18	0.48	3.77	1.00	0.04	4.89	85.52	0.48	3.76	1.00	0.04
4.90	84.88	0.48	3.78	1.00	0.04	4.91	80.52	0.46	3.98	1.00	0.04
4.92	76.85	0.44	4.17	1.00	0.04	4.93	72.28	0.42	4.41	1.00	0.04
4.94	77.30	0.44	4.14	1.00	0.04	4.95	80.43	0.46	3.99	1.00	0.04
4.96	83.70	0.47	3.84	1.00	0.04	4.97	85.10	0.48	3.78	1.00	0.04
4.98	85.06	0.48	3.78	1.00	0.04	4.99	83.54	0.47	3.84	1.00	0.04
5.00	83.15	0.47	3.86	1.00	0.04	5.01	81.87	0.46	3.92	1.00	0.04
5.02	79.21	0.45	4.05	1.00	0.04	5.03	76.58	0.44	4.18	1.00	0.04
5.04	74.34	0.43	4.30	1.00	0.04	5.05	70.41	0.41	4.52	1.00	0.05
5.06	71.49	0.42	4.46	1.00	0.04	5.07	71.55	0.42	4.46	1.00	0.04
5.08	72.91	0.42	4.38	1.00	0.04	5.09	74.17	0.43	4.31	1.00	0.04
5.10	74.95	0.43	4.27	1.00	0.04	5.11	74.55	0.43	4.29	1.00	0.04
5.12	76.28	0.44	4.20	1.00	0.04	5.13	77.09	0.44	4.15	1.00	0.04
5.14	77.30	0.44	4.14	1.00	0.04	5.15	78.87	0.45	4.06	1.00	0.04
5.16	79.68	0.45	4.02	1.00	0.04	5.17	82.00	0.46	3.91	1.00	0.04
5.18	82.60	0.46	3.89	1.00	0.04	5.19	81.73	0.46	3.93	1.00	0.04
5.20	79.44	0.45	4.04	1.00	0.04	5.21	78.02	0.44	4.11	1.00	0.04
5.22	76.66	0.44	4.18	1.00	0.04	5.23	75.37	0.43	4.24	1.00	0.04
5.24	75.23	0.43	4.25	1.00	0.04	5.25	77.45	0.44	4.14	1.00	0.04
5.26	78.98	0.45	4.06	1.00	0.04	5.27	81.69	0.46	3.93	1.00	0.04
5.28	84.52	0.47	3.80	1.00	0.04	5.29	88.30	0.49	3.64	1.00	0.04
5.30	88.94	0.49	3.61	1.00	0.04	5.31	90.41	0.50	3.56	1.00	0.04
5.32	89.83	0.50	3.58	1.00	0.04	5.33	88.04	0.49	3.65	1.00	0.04
5.34	86.71	0.48	3.71	1.00	0.04	5.35	81.53	0.46	3.94	1.00	0.04
5.36	80.09	0.45	4.00	1.00	0.04	5.37	78.53	0.44	4.08	1.00	0.04
5.38	78.15	0.44	4.10	1.00	0.04	5.39	76.63	0.43	4.18	1.00	0.04
5.40	77.37	0.44	4.14	1.00	0.04	5.41	77.55	0.44	4.13	1.00	0.04
5.42	77.77	0.44	4.12	1.00	0.04	5.43	78.03	0.44	4.11	1.00	0.04
5.44	78.09	0.44	4.10	1.00	0.04	5.45	78.01	0.44	4.11	1.00	0.04
5.46	76.81	0.43	4.17	1.00	0.04	5.47	19.64	2.00	0.00	1.00	0.00
5.48	18.78	2.00	0.00	1.00	0.00	5.49	17.93	2.00	0.00	1.00	0.00
5.50	16.38	2.00	0.00	1.00	0.00	5.51	16.36	2.00	0.00	1.00	0.00
5.52	15.23	2.00	0.00	1.00	0.00	5.53	16.05	2.00	0.00	1.00	0.00
5.54	17.70	2.00	0.00	1.00	0.00	5.55	20.32	2.00	0.00	1.00	0.00
5.56	87.20	0.48	3.69	1.00	0.04	5.57	91.65	0.50	3.51	1.00	0.04
5.58	96.50	0.53	3.33	1.00	0.03	5.59	100.50	0.56	3.20	1.00	0.03
5.60	103.30	0.58	3.11	1.00	0.03	5.61	108.19	0.62	2.96	1.00	0.03
5.62	107.26	0.61	2.99	1.00	0.03	5.63	105.98	0.60	3.03	1.00	0.03
5.64	103.53	0.58	3.10	1.00	0.03	5.65	99.40	0.55	3.23	1.00	0.03
5.66	95.45	0.53	3.37	1.00	0.03	5.67	90.66	0.50	3.55	1.00	0.04
5.68	87.37	0.48	3.68	1.00	0.04	5.69	82.00	0.45	3.91	1.00	0.04
5.70	76.72	0.43	4.17	1.00	0.04	5.71	73.39	0.42	4.35	1.00	0.04
5.72	73.43	0.42	4.35	1.00	0.04	5.73	79.07	0.44	4.05	1.00	0.04
5.74	83.08	0.46	3.87	1.00	0.04	5.75	86.81	0.48	3.70	1.00	0.04
5.76	90.03	0.49	3.57	1.00	0.04	5.77	93.59	0.51	3.44	1.00	0.03
5.78	93.77	0.51	3.43	1.00	0.03	5.79	92.99	0.51	3.46	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	91.49	0.50	3.51	1.00	0.04	5.81	85.62	0.47	3.75	1.00	0.04
5.82	81.88	0.45	3.92	1.00	0.04	5.83	78.98	0.44	4.06	1.00	0.04
5.84	78.28	0.44	4.09	1.00	0.04	5.85	78.75	0.44	4.07	1.00	0.04
5.86	80.16	0.44	4.00	1.00	0.04	5.87	79.04	0.44	4.06	1.00	0.04
5.88	82.25	0.45	3.90	1.00	0.04	5.89	83.31	0.46	3.85	1.00	0.04
5.90	84.56	0.46	3.80	1.00	0.04	5.91	83.59	0.46	3.84	1.00	0.04
5.92	79.52	0.44	4.03	1.00	0.04	5.93	80.09	0.44	4.00	1.00	0.04
5.94	81.22	0.45	3.95	1.00	0.04	5.95	84.18	0.46	3.82	1.00	0.04
5.96	84.16	0.46	3.82	1.00	0.04	5.97	85.02	0.47	3.78	1.00	0.04
5.98	85.79	0.47	3.75	1.00	0.04	5.99	86.88	0.47	3.70	1.00	0.04
6.00	85.53	0.47	3.76	1.00	0.04	6.01	84.17	0.46	3.82	1.00	0.04
6.02	84.25	0.46	3.81	1.00	0.04	6.03	83.87	0.46	3.83	1.00	0.04
6.04	83.68	0.46	3.84	1.00	0.04	6.05	83.47	0.46	3.85	1.00	0.04
6.06	84.06	0.46	3.82	1.00	0.04	6.07	84.77	0.46	3.79	1.00	0.04
6.08	85.52	0.47	3.76	1.00	0.04	6.09	87.13	0.47	3.69	1.00	0.04
6.10	88.52	0.48	3.63	1.00	0.04	6.11	89.95	0.49	3.57	1.00	0.04
6.12	90.68	0.49	3.55	1.00	0.04	6.13	91.50	0.50	3.51	1.00	0.04
6.14	92.15	0.50	3.49	1.00	0.03	6.15	92.42	0.50	3.48	1.00	0.03
6.16	92.49	0.50	3.48	1.00	0.03	6.17	92.11	0.50	3.49	1.00	0.03
6.18	90.80	0.49	3.54	1.00	0.04	6.19	89.21	0.48	3.60	1.00	0.04
6.20	87.23	0.47	3.69	1.00	0.04	6.21	85.52	0.47	3.76	1.00	0.04
6.22	83.97	0.46	3.83	1.00	0.04	6.23	82.81	0.45	3.88	1.00	0.04
6.24	83.07	0.45	3.87	1.00	0.04	6.25	84.19	0.46	3.82	1.00	0.04
6.26	85.71	0.47	3.75	1.00	0.04	6.27	86.19	0.47	3.73	1.00	0.04
6.28	85.74	0.47	3.75	1.00	0.04	6.29	85.54	0.46	3.76	1.00	0.04
6.30	85.60	0.47	3.75	1.00	0.04	6.31	85.50	0.46	3.76	1.00	0.04
6.32	84.91	0.46	3.78	1.00	0.04	6.33	83.71	0.46	3.84	1.00	0.04
6.34	82.08	0.45	3.91	1.00	0.04	6.35	80.86	0.44	3.97	1.00	0.04
6.36	78.79	0.43	4.07	1.00	0.04	6.37	78.07	0.43	4.10	1.00	0.04
6.38	80.88	0.44	3.97	1.00	0.04	6.39	83.45	0.45	3.85	1.00	0.04
6.40	86.87	0.47	3.70	1.00	0.04	6.41	90.18	0.49	3.57	1.00	0.04
6.42	93.13	0.50	3.45	1.00	0.03	6.43	96.30	0.52	3.34	1.00	0.03
6.44	98.22	0.53	3.27	1.00	0.03	6.45	99.00	0.54	3.25	1.00	0.03
6.46	99.44	0.54	3.23	1.00	0.03	6.47	99.08	0.54	3.24	1.00	0.03
6.48	98.26	0.53	3.27	1.00	0.03	6.49	96.70	0.52	3.32	1.00	0.03
6.50	93.88	0.51	3.43	1.00	0.03	6.51	90.93	0.49	3.54	1.00	0.04
6.52	88.15	0.48	3.65	1.00	0.04	6.53	87.02	0.47	3.69	1.00	0.04
6.54	87.05	0.47	3.69	1.00	0.04	6.55	87.20	0.47	3.69	1.00	0.04
6.56	89.47	0.48	3.59	1.00	0.04	6.57	90.39	0.49	3.56	1.00	0.04
6.58	91.52	0.49	3.51	1.00	0.04	6.59	92.20	0.50	3.49	1.00	0.03
6.60	91.55	0.49	3.51	1.00	0.04	6.61	89.82	0.48	3.58	1.00	0.04
6.62	85.55	0.46	3.76	1.00	0.04	6.63	80.73	0.44	3.97	1.00	0.04
6.64	76.69	0.42	4.17	1.00	0.04	6.65	73.81	0.41	4.33	1.00	0.04
6.66	71.63	0.40	4.45	1.00	0.04	6.67	70.83	0.40	4.50	1.00	0.04
6.68	70.43	0.40	4.52	1.00	0.05	6.69	71.03	0.40	4.49	1.00	0.04
6.70	72.51	0.41	4.40	1.00	0.04	6.71	74.41	0.41	4.30	1.00	0.04
6.72	76.51	0.42	4.18	1.00	0.04	6.73	79.26	0.43	4.05	1.00	0.04
6.74	81.06	0.44	3.96	1.00	0.04	6.75	82.94	0.45	3.87	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	84.69	0.46	3.79	1.00	0.04	6.77	84.82	0.46	3.79	1.00	0.04
6.78	85.61	0.46	3.75	1.00	0.04	6.79	85.21	0.46	3.77	1.00	0.04
6.80	85.24	0.46	3.77	1.00	0.04	6.81	85.29	0.46	3.77	1.00	0.04
6.82	85.70	0.46	3.75	1.00	0.04	6.83	85.33	0.46	3.77	1.00	0.04
6.84	85.78	0.46	3.75	1.00	0.04	6.85	85.34	0.46	3.77	1.00	0.04
6.86	85.11	0.46	3.78	1.00	0.04	6.87	84.85	0.46	3.79	1.00	0.04
6.88	85.46	0.46	3.76	1.00	0.04	6.89	85.97	0.46	3.74	1.00	0.04
6.90	85.61	0.46	3.75	1.00	0.04	6.91	80.93	0.44	3.96	1.00	0.04
6.92	75.60	0.42	4.23	1.00	0.04	6.93	69.96	0.40	4.55	1.00	0.05
6.94	70.99	0.40	4.49	1.00	0.04	6.95	71.21	0.40	4.48	1.00	0.04
6.96	72.11	0.40	4.42	1.00	0.04	6.97	73.72	0.41	4.33	1.00	0.04
6.98	73.87	0.41	4.33	1.00	0.04	6.99	72.55	0.41	4.40	1.00	0.04
7.00	71.77	0.40	4.44	1.00	0.04	7.01	69.44	0.39	4.58	1.00	0.05
7.02	68.87	0.39	4.62	1.00	0.05	7.03	68.25	0.39	4.66	1.00	0.05
7.04	68.38	0.39	4.65	1.00	0.05	7.05	70.09	0.40	4.54	1.00	0.05
7.06	71.78	0.40	4.44	1.00	0.04	7.07	74.21	0.41	4.31	1.00	0.04
7.08	77.32	0.42	4.14	1.00	0.04	7.09	79.39	0.43	4.04	1.00	0.04
7.10	81.39	0.44	3.94	1.00	0.04	7.11	84.20	0.45	3.81	1.00	0.04
7.12	87.16	0.47	3.69	1.00	0.04	7.13	88.84	0.48	3.62	1.00	0.04
7.14	89.18	0.48	3.61	1.00	0.04	7.15	88.51	0.47	3.63	1.00	0.04
7.16	87.17	0.47	3.69	1.00	0.04	7.17	83.12	0.45	3.86	1.00	0.04
7.18	79.80	0.43	4.02	1.00	0.04	7.19	77.06	0.42	4.16	1.00	0.04
7.20	75.13	0.42	4.26	1.00	0.04	7.21	74.84	0.41	4.27	1.00	0.04
7.22	75.72	0.42	4.23	1.00	0.04	7.23	76.98	0.42	4.16	1.00	0.04
7.24	78.69	0.43	4.07	1.00	0.04	7.25	80.98	0.44	3.96	1.00	0.04
7.26	82.95	0.45	3.87	1.00	0.04	7.27	84.28	0.45	3.81	1.00	0.04
7.28	84.58	0.45	3.80	1.00	0.04	7.29	83.67	0.45	3.84	1.00	0.04
7.30	83.16	0.45	3.86	1.00	0.04	7.31	81.22	0.44	3.95	1.00	0.04
7.32	79.34	0.43	4.04	1.00	0.04	7.33	76.88	0.42	4.16	1.00	0.04
7.34	75.94	0.42	4.21	1.00	0.04	7.35	73.96	0.41	4.32	1.00	0.04
7.36	73.11	0.41	4.37	1.00	0.04	7.37	72.55	0.40	4.40	1.00	0.04
7.38	72.38	0.40	4.41	1.00	0.04	7.39	71.78	0.40	4.44	1.00	0.04
7.40	70.69	0.40	4.51	1.00	0.05	7.41	69.72	0.39	4.57	1.00	0.05
7.42	68.96	0.39	4.61	1.00	0.05	7.43	69.87	0.39	4.56	1.00	0.05
7.44	69.91	0.40	4.55	1.00	0.05	7.45	70.84	0.40	4.50	1.00	0.04
7.46	72.30	0.40	4.41	1.00	0.04	7.47	75.03	0.41	4.26	1.00	0.04
7.48	76.84	0.42	4.17	1.00	0.04	7.49	80.27	0.44	4.00	1.00	0.04
7.50	83.09	0.45	3.86	1.00	0.04	7.51	84.89	0.46	3.78	1.00	0.04
7.52	81.40	0.44	3.94	1.00	0.04	7.53	80.12	0.43	4.00	1.00	0.04
7.54	77.87	0.43	4.11	1.00	0.04	7.55	76.73	0.42	4.17	1.00	0.04
7.56	76.23	0.42	4.20	1.00	0.04	7.57	77.62	0.42	4.13	1.00	0.04
7.58	79.23	0.43	4.05	1.00	0.04	7.59	81.61	0.44	3.93	1.00	0.04
7.60	84.94	0.46	3.78	1.00	0.04	7.61	91.67	0.49	3.51	1.00	0.04
7.62	95.66	0.51	3.36	1.00	0.03	7.63	98.78	0.53	3.25	1.00	0.03
7.64	99.67	0.54	3.22	1.00	0.03	7.65	106.43	0.58	3.01	1.00	0.03
7.66	105.38	0.58	3.04	1.00	0.03	7.67	103.96	0.57	3.09	1.00	0.03
7.68	107.59	0.59	2.98	1.00	0.03	7.69	103.93	0.57	3.09	1.00	0.03
7.70	101.38	0.55	3.17	1.00	0.03	7.71	102.89	0.56	3.12	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	100.51	0.54	3.20	1.00	0.03	7.73	102.28	0.55	3.14	1.00	0.03
7.74	100.42	0.54	3.20	1.00	0.03	7.75	99.66	0.54	3.22	1.00	0.03
7.76	92.18	0.49	3.49	1.00	0.03	7.77	90.36	0.48	3.56	1.00	0.04
7.78	86.65	0.46	3.71	1.00	0.04	7.79	84.69	0.45	3.79	1.00	0.04
7.80	84.34	0.45	3.81	1.00	0.04	7.81	86.61	0.46	3.71	1.00	0.04
7.82	87.79	0.47	3.66	1.00	0.04	7.83	89.00	0.48	3.61	1.00	0.04
7.84	89.99	0.48	3.57	1.00	0.04	7.85	90.77	0.48	3.54	1.00	0.04
7.86	91.41	0.49	3.52	1.00	0.04	7.87	95.93	0.51	3.35	1.00	0.03
7.88	98.50	0.53	3.26	1.00	0.03	7.89	101.79	0.55	3.16	1.00	0.03
7.90	101.63	0.55	3.16	1.00	0.03	7.91	100.08	0.54	3.21	1.00	0.03
7.92	105.67	0.58	3.04	1.00	0.03	7.93	106.64	0.59	3.01	1.00	0.03
7.94	111.35	0.63	2.87	1.00	0.03	7.95	111.72	0.63	2.86	1.00	0.03
7.96	111.52	0.63	2.87	1.00	0.03	7.97	111.85	0.63	2.86	1.00	0.03
7.98	109.23	0.61	2.93	1.00	0.03	7.99	106.13	0.58	3.02	1.00	0.03
8.00	97.10	0.52	3.31	1.00	0.03	8.01	86.98	0.47	3.70	1.00	0.04
8.02	79.34	0.43	4.04	1.00	0.04	8.03	77.81	0.43	4.12	1.00	0.04
8.04	77.33	0.42	4.14	1.00	0.04	8.05	76.88	0.42	4.16	1.00	0.04
8.06	76.07	0.42	4.21	1.00	0.04	8.07	76.60	0.42	4.18	1.00	0.04
8.08	76.79	0.42	4.17	1.00	0.04	8.09	77.25	0.42	4.15	1.00	0.04
8.10	78.23	0.43	4.10	1.00	0.04	8.11	78.47	0.43	4.08	1.00	0.04
8.12	79.17	0.43	4.05	1.00	0.04	8.13	80.09	0.43	4.00	1.00	0.04
8.14	80.06	0.43	4.01	1.00	0.04	8.15	81.21	0.44	3.95	1.00	0.04
8.16	82.00	0.44	3.91	1.00	0.04	8.17	83.43	0.45	3.85	1.00	0.04
8.18	84.47	0.45	3.80	1.00	0.04	8.19	85.16	0.46	3.77	1.00	0.04
8.20	85.42	0.46	3.76	1.00	0.04	8.21	84.87	0.46	3.79	1.00	0.04
8.22	85.27	0.46	3.77	1.00	0.04	8.23	84.35	0.45	3.81	1.00	0.04
8.24	84.08	0.45	3.82	1.00	0.04	8.25	83.24	0.45	3.86	1.00	0.04
8.26	83.38	0.45	3.85	1.00	0.04	8.27	83.34	0.45	3.85	1.00	0.04
8.28	84.14	0.45	3.82	1.00	0.04	8.29	84.92	0.46	3.78	1.00	0.04
8.30	86.57	0.46	3.71	1.00	0.04	8.31	86.67	0.46	3.71	1.00	0.04
8.32	88.05	0.47	3.65	1.00	0.04	8.33	88.61	0.47	3.63	1.00	0.04
8.34	89.50	0.48	3.59	1.00	0.04	8.35	89.69	0.48	3.59	1.00	0.04
8.36	90.14	0.48	3.57	1.00	0.04	8.37	90.45	0.48	3.56	1.00	0.04
8.38	91.17	0.49	3.53	1.00	0.04	8.39	91.31	0.49	3.52	1.00	0.04
8.40	92.07	0.49	3.49	1.00	0.03	8.41	92.03	0.49	3.49	1.00	0.03
8.42	92.25	0.49	3.49	1.00	0.03	8.43	92.37	0.49	3.48	1.00	0.03
8.44	91.94	0.49	3.50	1.00	0.03	8.45	91.65	0.49	3.51	1.00	0.04
8.46	91.26	0.49	3.52	1.00	0.04	8.47	91.04	0.49	3.53	1.00	0.04
8.48	90.02	0.48	3.57	1.00	0.04	8.49	89.56	0.48	3.59	1.00	0.04
8.50	88.39	0.47	3.64	1.00	0.04	8.51	87.73	0.47	3.66	1.00	0.04
8.52	86.10	0.46	3.73	1.00	0.04	8.53	85.23	0.46	3.77	1.00	0.04
8.54	84.30	0.45	3.81	1.00	0.04	8.55	83.90	0.45	3.83	1.00	0.04
8.56	82.86	0.45	3.88	1.00	0.04	8.57	81.89	0.44	3.92	1.00	0.04
8.58	80.28	0.44	4.00	1.00	0.04	8.59	79.98	0.43	4.01	1.00	0.04
8.60	80.16	0.44	4.00	1.00	0.04	8.61	79.89	0.43	4.01	1.00	0.04
8.62	80.46	0.44	3.99	1.00	0.04	8.63	81.66	0.44	3.93	1.00	0.04
8.64	83.30	0.45	3.86	1.00	0.04	8.65	84.49	0.45	3.80	1.00	0.04
8.66	85.60	0.46	3.75	1.00	0.04	8.67	86.13	0.46	3.73	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	86.34	0.46	3.72	1.00	0.04	8.69	86.80	0.47	3.70	1.00	0.04
8.70	86.82	0.47	3.70	1.00	0.04	8.71	87.29	0.47	3.68	1.00	0.04
8.72	87.40	0.47	3.68	1.00	0.04	8.73	87.84	0.47	3.66	1.00	0.04
8.74	87.69	0.47	3.67	1.00	0.04	8.75	87.42	0.47	3.68	1.00	0.04
8.76	86.92	0.47	3.70	1.00	0.04	8.77	85.84	0.46	3.74	1.00	0.04
8.78	84.64	0.46	3.80	1.00	0.04	8.79	83.11	0.45	3.86	1.00	0.04
8.80	82.46	0.45	3.89	1.00	0.04	8.81	81.59	0.44	3.93	1.00	0.04
8.82	81.08	0.44	3.96	1.00	0.04	8.83	80.28	0.44	4.00	1.00	0.04
8.84	79.62	0.43	4.03	1.00	0.04	8.85	79.42	0.43	4.04	1.00	0.04
8.86	79.53	0.43	4.03	1.00	0.04	8.87	79.87	0.43	4.02	1.00	0.04
8.88	80.30	0.44	3.99	1.00	0.04	8.89	80.87	0.44	3.97	1.00	0.04
8.90	80.91	0.44	3.97	1.00	0.04	8.91	76.57	0.42	4.18	1.00	0.04
8.92	71.16	0.40	4.48	1.00	0.04	8.93	69.17	0.39	4.60	1.00	0.05
8.94	70.28	0.40	4.53	1.00	0.05	8.95	71.21	0.40	4.48	1.00	0.04
8.96	74.72	0.41	4.28	1.00	0.04	8.97	76.45	0.42	4.19	1.00	0.04
8.98	78.11	0.43	4.10	1.00	0.04	8.99	80.65	0.44	3.98	1.00	0.04
9.00	81.90	0.44	3.92	1.00	0.04	9.01	84.12	0.45	3.82	1.00	0.04
9.02	85.69	0.46	3.75	1.00	0.04	9.03	86.62	0.47	3.71	1.00	0.04
9.04	87.32	0.47	3.68	1.00	0.04	9.05	87.39	0.47	3.68	1.00	0.04
9.06	88.20	0.47	3.64	1.00	0.04	9.07	88.59	0.48	3.63	1.00	0.04
9.08	88.54	0.47	3.63	1.00	0.04	9.09	87.96	0.47	3.65	1.00	0.04
9.10	85.24	0.46	3.77	1.00	0.04	9.11	84.25	0.45	3.81	1.00	0.04
9.12	83.91	0.45	3.83	1.00	0.04	9.13	83.55	0.45	3.84	1.00	0.04
9.14	84.13	0.45	3.82	1.00	0.04	9.15	84.82	0.46	3.79	1.00	0.04
9.16	84.67	0.46	3.79	1.00	0.04	9.17	85.90	0.46	3.74	1.00	0.04
9.18	86.82	0.47	3.70	1.00	0.04	9.19	88.27	0.47	3.64	1.00	0.04
9.20	89.19	0.48	3.61	1.00	0.04	9.21	90.95	0.49	3.54	1.00	0.04
9.22	91.22	0.49	3.53	1.00	0.04	9.23	92.56	0.50	3.47	1.00	0.03
9.24	93.47	0.50	3.44	1.00	0.03	9.25	96.82	0.52	3.32	1.00	0.03
9.26	98.56	0.53	3.26	1.00	0.03	9.27	100.09	0.54	3.21	1.00	0.03
9.28	102.46	0.56	3.13	1.00	0.03	9.29	103.04	0.56	3.12	1.00	0.03
9.30	103.41	0.56	3.10	1.00	0.03	9.31	103.04	0.56	3.12	1.00	0.03
9.32	102.36	0.56	3.14	1.00	0.03	9.33	102.10	0.56	3.15	1.00	0.03
9.34	101.53	0.55	3.16	1.00	0.03	9.35	101.69	0.55	3.16	1.00	0.03
9.36	101.64	0.55	3.16	1.00	0.03	9.37	102.43	0.56	3.13	1.00	0.03
9.38	103.32	0.56	3.11	1.00	0.03	9.39	104.23	0.57	3.08	1.00	0.03
9.40	103.65	0.57	3.10	1.00	0.03	9.41	102.96	0.56	3.12	1.00	0.03
9.42	101.35	0.55	3.17	1.00	0.03	9.43	99.31	0.54	3.24	1.00	0.03
9.44	97.58	0.53	3.29	1.00	0.03	9.45	97.75	0.53	3.29	1.00	0.03
9.46	97.59	0.53	3.29	1.00	0.03	9.47	97.23	0.52	3.31	1.00	0.03
9.48	96.03	0.52	3.35	1.00	0.03	9.49	93.46	0.50	3.44	1.00	0.03
9.50	91.31	0.49	3.52	1.00	0.04	9.51	90.63	0.49	3.55	1.00	0.04
9.52	88.06	0.47	3.65	1.00	0.04	9.53	86.54	0.47	3.71	1.00	0.04
9.54	84.49	0.46	3.80	1.00	0.04	9.55	82.45	0.45	3.89	1.00	0.04
9.56	81.31	0.44	3.95	1.00	0.04	9.57	78.84	0.43	4.07	1.00	0.04
9.58	78.16	0.43	4.10	1.00	0.04	9.59	77.81	0.43	4.12	1.00	0.04
9.60	79.28	0.44	4.04	1.00	0.04	9.61	81.12	0.44	3.96	1.00	0.04
9.62	85.97	0.46	3.74	1.00	0.04	9.63	87.98	0.47	3.65	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	89.66	0.48	3.59	1.00	0.04	9.65	91.02	0.49	3.53	1.00	0.04
9.66	91.53	0.49	3.51	1.00	0.04	9.67	93.01	0.50	3.46	1.00	0.03
9.68	94.11	0.51	3.42	1.00	0.03	9.69	95.27	0.51	3.37	1.00	0.03
9.70	94.39	0.51	3.41	1.00	0.03	9.71	95.19	0.51	3.38	1.00	0.03
9.72	95.44	0.52	3.37	1.00	0.03	9.73	96.25	0.52	3.34	1.00	0.03
9.74	96.32	0.52	3.34	1.00	0.03	9.75	96.36	0.52	3.34	1.00	0.03
9.76	95.04	0.51	3.38	1.00	0.03	9.77	95.30	0.51	3.37	1.00	0.03
9.78	92.50	0.50	3.48	1.00	0.03	9.79	91.55	0.49	3.51	1.00	0.04
9.80	90.53	0.49	3.55	1.00	0.04	9.81	88.35	0.48	3.64	1.00	0.04
9.82	85.61	0.46	3.75	1.00	0.04	9.83	82.42	0.45	3.90	1.00	0.04
9.84	80.54	0.44	3.98	1.00	0.04	9.85	80.57	0.44	3.98	1.00	0.04
9.86	79.79	0.44	4.02	1.00	0.04	9.87	80.29	0.44	4.00	1.00	0.04
9.88	79.37	0.44	4.04	1.00	0.04	9.89	79.42	0.44	4.04	1.00	0.04
9.90	78.97	0.44	4.06	1.00	0.04	9.91	76.28	0.42	4.20	1.00	0.04
9.92	73.69	0.41	4.34	1.00	0.04	9.93	75.48	0.42	4.24	1.00	0.04
9.94	78.51	0.43	4.08	1.00	0.04	9.95	79.76	0.44	4.02	1.00	0.04
9.96	80.50	0.44	3.98	1.00	0.04	9.97	81.12	0.44	3.96	1.00	0.04
9.98	81.78	0.45	3.92	1.00	0.04	9.99	82.51	0.45	3.89	1.00	0.04
10.00	91.57	0.49	3.51	1.00	0.04	10.01	86.30	0.47	3.72	1.00	0.04
10.02	92.59	0.50	3.47	1.00	0.03	10.03	92.07	0.50	3.49	1.00	0.03
10.04	90.34	0.49	3.56	1.00	0.04	10.05	89.46	0.48	3.59	1.00	0.04
10.06	83.71	0.46	3.84	1.00	0.04	10.07	82.27	0.45	3.90	1.00	0.04
10.08	23.13	2.00	0.00	1.00	0.00	10.09	21.62	2.00	0.00	1.00	0.00
10.10	19.79	2.00	0.00	1.00	0.00	10.11	17.00	2.00	0.00	1.00	0.00
10.12	16.35	2.00	0.00	1.00	0.00	10.13	15.70	2.00	0.00	1.00	0.00
10.14	15.38	2.00	0.00	1.00	0.00	10.15	15.16	2.00	0.00	1.00	0.00
10.16	15.15	2.00	0.00	1.00	0.00	10.17	14.82	2.00	0.00	1.00	0.00
10.18	14.60	2.00	0.00	1.00	0.00	10.19	14.17	2.00	0.00	1.00	0.00
10.20	13.63	2.00	0.00	1.00	0.00	10.21	13.19	2.00	0.00	1.00	0.00
10.22	12.76	2.00	0.00	1.00	0.00	10.23	12.75	2.00	0.00	1.00	0.00
10.24	12.75	2.00	0.00	1.00	0.00	10.25	12.74	2.00	0.00	1.00	0.00
10.26	12.84	2.00	0.00	1.00	0.00	10.27	12.94	2.00	0.00	1.00	0.00
10.28	13.15	2.00	0.00	1.00	0.00	10.29	13.14	2.00	0.00	1.00	0.00
10.30	13.13	2.00	0.00	1.00	0.00	10.31	13.13	2.00	0.00	1.00	0.00
10.32	13.23	2.00	0.00	1.00	0.00	10.33	13.32	2.00	0.00	1.00	0.00
10.34	13.42	2.00	0.00	1.00	0.00	10.35	13.52	2.00	0.00	1.00	0.00
10.36	13.52	2.00	0.00	1.00	0.00	10.37	13.61	2.00	0.00	1.00	0.00
10.38	13.71	2.00	0.00	1.00	0.00	10.39	13.71	2.00	0.00	1.00	0.00
10.40	13.80	2.00	0.00	1.00	0.00	10.41	13.80	2.00	0.00	1.00	0.00
10.42	13.90	2.00	0.00	1.00	0.00	10.43	14.10	2.00	0.00	1.00	0.00
10.44	14.09	2.00	0.00	1.00	0.00	10.45	14.30	2.00	0.00	1.00	0.00
10.46	14.39	2.00	0.00	1.00	0.00	10.47	14.70	2.00	0.00	1.00	0.00
10.48	15.22	2.00	0.00	1.00	0.00	10.49	15.53	2.00	0.00	1.00	0.00
10.50	15.52	2.00	0.00	1.00	0.00	10.51	15.41	2.00	0.00	1.00	0.00
10.52	15.19	2.00	0.00	1.00	0.00	10.53	15.18	2.00	0.00	1.00	0.00
10.54	15.28	2.00	0.00	1.00	0.00	10.55	15.27	2.00	0.00	1.00	0.00
10.56	15.26	2.00	0.00	1.00	0.00	10.57	15.25	2.00	0.00	1.00	0.00
10.58	15.14	2.00	0.00	1.00	0.00	10.59	15.45	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	15.54	2.00	0.00	1.00	0.00	10.61	15.43	2.00	0.00	1.00	0.00
10.62	15.32	2.00	0.00	1.00	0.00	10.63	15.21	2.00	0.00	1.00	0.00
10.64	14.99	2.00	0.00	1.00	0.00	10.65	14.98	2.00	0.00	1.00	0.00
10.66	14.98	2.00	0.00	1.00	0.00	10.67	14.86	2.00	0.00	1.00	0.00
10.68	14.75	2.00	0.00	1.00	0.00	10.69	14.54	2.00	0.00	1.00	0.00
10.70	14.42	2.00	0.00	1.00	0.00	10.71	14.21	2.00	0.00	1.00	0.00
10.72	14.10	2.00	0.00	1.00	0.00	10.73	13.99	2.00	0.00	1.00	0.00
10.74	13.88	2.00	0.00	1.00	0.00	10.75	13.77	2.00	0.00	1.00	0.00
10.76	13.55	2.00	0.00	1.00	0.00	10.77	13.13	2.00	0.00	1.00	0.00
10.78	13.12	2.00	0.00	1.00	0.00	10.79	13.01	2.00	0.00	1.00	0.00
10.80	13.01	2.00	0.00	1.00	0.00	10.81	13.00	2.00	0.00	1.00	0.00
10.82	12.89	2.00	0.00	1.00	0.00	10.83	12.88	2.00	0.00	1.00	0.00
10.84	13.39	2.00	0.00	1.00	0.00	10.85	13.49	2.00	0.00	1.00	0.00
10.86	13.69	2.00	0.00	1.00	0.00	10.87	13.89	2.00	0.00	1.00	0.00
10.88	14.09	2.00	0.00	1.00	0.00	10.89	14.18	2.00	0.00	1.00	0.00
10.90	14.18	2.00	0.00	1.00	0.00	10.91	14.17	2.00	0.00	1.00	0.00
10.92	13.75	2.00	0.00	1.00	0.00	10.93	14.98	2.00	0.00	1.00	0.00
10.94	14.97	2.00	0.00	1.00	0.00	10.95	14.86	2.00	0.00	1.00	0.00
10.96	14.85	2.00	0.00	1.00	0.00	10.97	14.84	2.00	0.00	1.00	0.00
10.98	14.74	2.00	0.00	1.00	0.00	10.99	14.63	2.00	0.00	1.00	0.00
11.00	14.62	2.00	0.00	1.00	0.00	11.01	14.71	2.00	0.00	1.00	0.00
11.02	14.71	2.00	0.00	1.00	0.00	11.03	14.70	2.00	0.00	1.00	0.00
11.04	14.79	2.00	0.00	1.00	0.00	11.05	14.68	2.00	0.00	1.00	0.00
11.06	14.57	2.00	0.00	1.00	0.00	11.07	14.46	2.00	0.00	1.00	0.00
11.08	14.25	2.00	0.00	1.00	0.00	11.09	14.25	2.00	0.00	1.00	0.00
11.10	14.03	2.00	0.00	1.00	0.00	11.11	14.13	2.00	0.00	1.00	0.00
11.12	14.12	2.00	0.00	1.00	0.00	11.13	14.01	2.00	0.00	1.00	0.00
11.14	13.90	2.00	0.00	1.00	0.00	11.15	13.80	2.00	0.00	1.00	0.00
11.16	13.69	2.00	0.00	1.00	0.00	11.17	13.27	2.00	0.00	1.00	0.00
11.18	12.96	2.00	0.00	1.00	0.00	11.19	12.65	2.00	0.00	1.00	0.00
11.20	12.54	2.00	0.00	1.00	0.00	11.21	12.53	2.00	0.00	1.00	0.00
11.22	12.43	2.00	0.00	1.00	0.00	11.23	12.22	2.00	0.00	1.00	0.00
11.24	12.01	2.00	0.00	1.00	0.00	11.25	12.00	2.00	0.00	1.00	0.00
11.26	12.00	2.00	0.00	1.00	0.00	11.27	11.99	2.00	0.00	1.00	0.00
11.28	11.99	2.00	0.00	1.00	0.00	11.29	11.88	2.00	0.00	1.00	0.00
11.30	11.87	2.00	0.00	1.00	0.00	11.31	11.97	2.00	0.00	1.00	0.00
11.32	11.86	2.00	0.00	1.00	0.00	11.33	11.75	2.00	0.00	1.00	0.00
11.34	11.44	2.00	0.00	1.00	0.00	11.35	11.44	2.00	0.00	1.00	0.00
11.36	11.53	2.00	0.00	1.00	0.00	11.37	11.63	2.00	0.00	1.00	0.00
11.38	11.73	2.00	0.00	1.00	0.00	11.39	11.72	2.00	0.00	1.00	0.00
11.40	11.61	2.00	0.00	1.00	0.00	11.41	11.71	2.00	0.00	1.00	0.00
11.42	11.80	2.00	0.00	1.00	0.00	11.43	11.80	2.00	0.00	1.00	0.00
11.44	11.79	2.00	0.00	1.00	0.00	11.45	11.79	2.00	0.00	1.00	0.00
11.46	11.68	2.00	0.00	1.00	0.00	11.47	11.57	2.00	0.00	1.00	0.00
11.48	11.47	2.00	0.00	1.00	0.00	11.49	11.36	2.00	0.00	1.00	0.00
11.50	11.16	2.00	0.00	1.00	0.00	11.51	10.95	2.00	0.00	1.00	0.00
11.52	10.94	2.00	0.00	1.00	0.00	11.53	10.84	2.00	0.00	1.00	0.00
11.54	10.93	2.00	0.00	1.00	0.00	11.55	11.13	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	11.22	2.00	0.00	1.00	0.00	11.57	11.32	2.00	0.00	1.00	0.00
11.58	11.31	2.00	0.00	1.00	0.00	11.59	11.31	2.00	0.00	1.00	0.00
11.60	11.20	2.00	0.00	1.00	0.00	11.61	11.10	2.00	0.00	1.00	0.00
11.62	10.99	2.00	0.00	1.00	0.00	11.63	10.89	2.00	0.00	1.00	0.00
11.64	10.78	2.00	0.00	1.00	0.00	11.65	10.88	2.00	0.00	1.00	0.00
11.66	10.97	2.00	0.00	1.00	0.00	11.67	10.97	2.00	0.00	1.00	0.00
11.68	10.96	2.00	0.00	1.00	0.00	11.69	10.96	2.00	0.00	1.00	0.00
11.70	11.05	2.00	0.00	1.00	0.00	11.71	11.45	2.00	0.00	1.00	0.00
11.72	11.64	2.00	0.00	1.00	0.00	11.73	11.83	2.00	0.00	1.00	0.00
11.74	11.83	2.00	0.00	1.00	0.00	11.75	11.82	2.00	0.00	1.00	0.00
11.76	11.82	2.00	0.00	1.00	0.00	11.77	11.81	2.00	0.00	1.00	0.00
11.78	11.71	2.00	0.00	1.00	0.00	11.79	11.50	2.00	0.00	1.00	0.00
11.80	11.20	2.00	0.00	1.00	0.00	11.81	10.90	2.00	0.00	1.00	0.00
11.82	10.69	2.00	0.00	1.00	0.00	11.83	10.10	2.00	0.00	1.00	0.00
11.84	10.09	2.00	0.00	1.00	0.00	11.85	10.09	2.00	0.00	1.00	0.00
11.86	9.98	2.00	0.00	1.00	0.00	11.87	9.98	2.00	0.00	1.00	0.00
11.88	9.78	2.00	0.00	1.00	0.00	11.89	9.77	2.00	0.00	1.00	0.00
11.90	9.77	2.00	0.00	1.00	0.00	11.91	9.76	2.00	0.00	1.00	0.00
11.92	9.96	2.00	0.00	1.00	0.00	11.93	10.05	2.00	0.00	1.00	0.00
11.94	10.14	2.00	0.00	1.00	0.00	11.95	10.14	2.00	0.00	1.00	0.00
11.96	10.13	2.00	0.00	1.00	0.00	11.97	9.93	2.00	0.00	1.00	0.00
11.98	9.73	2.00	0.00	1.00	0.00	11.99	9.53	2.00	0.00	1.00	0.00
12.00	9.43	2.00	0.00	1.00	0.00	12.01	9.42	2.00	0.00	1.00	0.00
12.02	9.42	2.00	0.00	1.00	0.00	12.03	9.61	2.00	0.00	1.00	0.00
12.04	9.61	2.00	0.00	1.00	0.00	12.05	9.60	2.00	0.00	1.00	0.00
12.06	9.50	2.00	0.00	1.00	0.00	12.07	9.50	2.00	0.00	1.00	0.00
12.08	9.59	2.00	0.00	1.00	0.00	12.09	9.68	2.00	0.00	1.00	0.00
12.10	9.68	2.00	0.00	1.00	0.00	12.11	9.77	2.00	0.00	1.00	0.00
12.12	9.77	2.00	0.00	1.00	0.00	12.13	9.86	2.00	0.00	1.00	0.00
12.14	9.86	2.00	0.00	1.00	0.00	12.15	9.85	2.00	0.00	1.00	0.00
12.16	9.85	2.00	0.00	1.00	0.00	12.17	9.94	2.00	0.00	1.00	0.00
12.18	10.04	2.00	0.00	1.00	0.00	12.19	10.03	2.00	0.00	1.00	0.00
12.20	10.03	2.00	0.00	1.00	0.00	12.21	10.12	2.00	0.00	1.00	0.00
12.22	10.12	2.00	0.00	1.00	0.00	12.23	10.11	2.00	0.00	1.00	0.00
12.24	10.30	2.00	0.00	1.00	0.00	12.25	10.59	2.00	0.00	1.00	0.00
12.26	10.78	2.00	0.00	1.00	0.00	12.27	10.97	2.00	0.00	1.00	0.00
12.28	11.06	2.00	0.00	1.00	0.00	12.29	11.25	2.00	0.00	1.00	0.00
12.30	11.34	2.00	0.00	1.00	0.00	12.31	11.44	2.00	0.00	1.00	0.00
12.32	11.43	2.00	0.00	1.00	0.00	12.33	11.33	2.00	0.00	1.00	0.00
12.34	11.23	2.00	0.00	1.00	0.00	12.35	11.22	2.00	0.00	1.00	0.00
12.36	11.12	2.00	0.00	1.00	0.00	12.37	11.02	2.00	0.00	1.00	0.00
12.38	10.72	2.00	0.00	1.00	0.00	12.39	10.53	2.00	0.00	1.00	0.00
12.40	10.33	2.00	0.00	1.00	0.00	12.41	10.13	2.00	0.00	1.00	0.00
12.42	9.93	2.00	0.00	1.00	0.00	12.43	9.74	2.00	0.00	1.00	0.00
12.44	9.63	2.00	0.00	1.00	0.00	12.45	9.53	2.00	0.00	1.00	0.00
12.46	9.14	2.00	0.00	1.00	0.00	12.47	9.04	2.00	0.00	1.00	0.00
12.48	9.04	2.00	0.00	1.00	0.00	12.49	8.94	2.00	0.00	1.00	0.00
12.50	8.94	2.00	0.00	1.00	0.00	12.51	8.93	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	8.93	2.00	0.00	1.00	0.00	12.53	8.92	2.00	0.00	1.00	0.00
12.54	8.92	2.00	0.00	1.00	0.00	12.55	9.01	2.00	0.00	1.00	0.00
12.56	9.11	2.00	0.00	1.00	0.00	12.57	9.10	2.00	0.00	1.00	0.00
12.58	9.29	2.00	0.00	1.00	0.00	12.59	9.48	2.00	0.00	1.00	0.00
12.60	9.67	2.00	0.00	1.00	0.00	12.61	9.85	2.00	0.00	1.00	0.00
12.62	10.14	2.00	0.00	1.00	0.00	12.63	10.71	2.00	0.00	1.00	0.00
12.64	10.99	2.00	0.00	1.00	0.00	12.65	11.18	2.00	0.00	1.00	0.00
12.66	11.36	2.00	0.00	1.00	0.00	12.67	11.55	2.00	0.00	1.00	0.00
12.68	11.64	2.00	0.00	1.00	0.00	12.69	11.73	2.00	0.00	1.00	0.00
12.70	11.92	2.00	0.00	1.00	0.00	12.71	11.91	2.00	0.00	1.00	0.00
12.72	12.00	2.00	0.00	1.00	0.00	12.73	12.00	2.00	0.00	1.00	0.00
12.74	11.99	2.00	0.00	1.00	0.00	12.75	11.89	2.00	0.00	1.00	0.00
12.76	11.70	2.00	0.00	1.00	0.00	12.77	11.41	2.00	0.00	1.00	0.00
12.78	11.21	2.00	0.00	1.00	0.00	12.79	11.02	2.00	0.00	1.00	0.00
12.80	10.82	2.00	0.00	1.00	0.00	12.81	10.63	2.00	0.00	1.00	0.00
12.82	10.72	2.00	0.00	1.00	0.00	12.83	10.71	2.00	0.00	1.00	0.00
12.84	10.61	2.00	0.00	1.00	0.00	12.85	10.51	2.00	0.00	1.00	0.00
12.86	10.41	2.00	0.00	1.00	0.00	12.87	10.41	2.00	0.00	1.00	0.00
12.88	10.50	2.00	0.00	1.00	0.00	12.89	10.59	2.00	0.00	1.00	0.00
12.90	10.59	2.00	0.00	1.00	0.00	12.91	10.58	2.00	0.00	1.00	0.00
12.92	11.52	2.00	0.00	1.00	0.00	12.93	11.80	2.00	0.00	1.00	0.00
12.94	11.89	2.00	0.00	1.00	0.00	12.95	11.98	2.00	0.00	1.00	0.00
12.96	12.36	2.00	0.00	1.00	0.00	12.97	12.54	2.00	0.00	1.00	0.00
12.98	12.63	2.00	0.00	1.00	0.00	12.99	12.81	2.00	0.00	1.00	0.00
13.00	13.09	2.00	0.00	1.00	0.00	13.01	13.47	2.00	0.00	1.00	0.00
13.02	13.46	2.00	0.00	1.00	0.00	13.03	13.83	2.00	0.00	1.00	0.00
13.04	14.30	2.00	0.00	1.00	0.00	13.05	14.39	2.00	0.00	1.00	0.00
13.06	14.57	2.00	0.00	1.00	0.00	13.07	15.03	2.00	0.00	1.00	0.00
13.08	15.22	2.00	0.00	1.00	0.00	13.09	15.12	2.00	0.00	1.00	0.00
13.10	15.11	2.00	0.00	1.00	0.00	13.11	14.63	2.00	0.00	1.00	0.00
13.12	14.34	2.00	0.00	1.00	0.00	13.13	13.96	2.00	0.00	1.00	0.00
13.14	13.39	2.00	0.00	1.00	0.00	13.15	13.10	2.00	0.00	1.00	0.00
13.16	12.81	2.00	0.00	1.00	0.00	13.17	12.62	2.00	0.00	1.00	0.00
13.18	12.43	2.00	0.00	1.00	0.00	13.19	11.86	2.00	0.00	1.00	0.00
13.20	11.76	2.00	0.00	1.00	0.00	13.21	11.57	2.00	0.00	1.00	0.00
13.22	11.66	2.00	0.00	1.00	0.00	13.23	12.03	2.00	0.00	1.00	0.00
13.24	12.02	2.00	0.00	1.00	0.00	13.25	11.92	2.00	0.00	1.00	0.00
13.26	11.92	2.00	0.00	1.00	0.00	13.27	11.82	2.00	0.00	1.00	0.00
13.28	11.63	2.00	0.00	1.00	0.00	13.29	11.53	2.00	0.00	1.00	0.00
13.30	10.68	2.00	0.00	1.00	0.00	13.31	10.21	2.00	0.00	1.00	0.00
13.32	9.74	2.00	0.00	1.00	0.00	13.33	9.46	2.00	0.00	1.00	0.00
13.34	8.90	2.00	0.00	1.00	0.00	13.35	8.71	2.00	0.00	1.00	0.00
13.36	8.70	2.00	0.00	1.00	0.00	13.37	8.70	2.00	0.00	1.00	0.00
13.38	8.98	2.00	0.00	1.00	0.00	13.39	9.25	2.00	0.00	1.00	0.00
13.40	9.53	2.00	0.00	1.00	0.00	13.41	10.36	2.00	0.00	1.00	0.00
13.42	10.63	2.00	0.00	1.00	0.00	13.43	10.82	2.00	0.00	1.00	0.00
13.44	11.00	2.00	0.00	1.00	0.00	13.45	10.99	2.00	0.00	1.00	0.00
13.46	10.90	2.00	0.00	1.00	0.00	13.47	10.98	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	10.98	2.00	0.00	1.00	0.00	13.49	10.98	2.00	0.00	1.00	0.00
13.50	10.69	2.00	0.00	1.00	0.00	13.51	10.69	2.00	0.00	1.00	0.00
13.52	10.69	2.00	0.00	1.00	0.00	13.53	10.50	2.00	0.00	1.00	0.00
13.54	10.31	2.00	0.00	1.00	0.00	13.55	10.21	2.00	0.00	1.00	0.00
13.56	10.11	2.00	0.00	1.00	0.00	13.57	10.02	2.00	0.00	1.00	0.00
13.58	10.01	2.00	0.00	1.00	0.00	13.59	9.92	2.00	0.00	1.00	0.00
13.60	9.82	2.00	0.00	1.00	0.00	13.61	9.82	2.00	0.00	1.00	0.00
13.62	9.81	2.00	0.00	1.00	0.00	13.63	9.99	2.00	0.00	1.00	0.00
13.64	10.27	2.00	0.00	1.00	0.00	13.65	10.45	2.00	0.00	1.00	0.00
13.66	10.81	2.00	0.00	1.00	0.00	13.67	11.27	2.00	0.00	1.00	0.00
13.68	12.64	2.00	0.00	1.00	0.00	13.69	13.56	2.00	0.00	1.00	0.00
13.70	14.29	2.00	0.00	1.00	0.00	13.71	15.03	2.00	0.00	1.00	0.00
13.72	14.93	2.00	0.00	1.00	0.00	13.73	14.37	2.00	0.00	1.00	0.00
13.74	13.17	2.00	0.00	1.00	0.00	13.75	12.70	2.00	0.00	1.00	0.00
13.76	12.15	2.00	0.00	1.00	0.00	13.77	11.59	2.00	0.00	1.00	0.00
13.78	11.49	2.00	0.00	1.00	0.00	13.79	11.40	2.00	0.00	1.00	0.00
13.80	11.39	2.00	0.00	1.00	0.00	13.81	11.20	2.00	0.00	1.00	0.00
13.82	11.02	2.00	0.00	1.00	0.00	13.83	10.83	2.00	0.00	1.00	0.00
13.84	10.73	2.00	0.00	1.00	0.00	13.85	10.55	2.00	0.00	1.00	0.00
13.86	10.27	2.00	0.00	1.00	0.00	13.87	10.17	2.00	0.00	1.00	0.00
13.88	9.98	2.00	0.00	1.00	0.00	13.89	9.80	2.00	0.00	1.00	0.00
13.90	9.79	2.00	0.00	1.00	0.00	13.91	9.79	2.00	0.00	1.00	0.00
13.92	9.60	2.00	0.00	1.00	0.00	13.93	9.69	2.00	0.00	1.00	0.00
13.94	9.60	2.00	0.00	1.00	0.00	13.95	9.50	2.00	0.00	1.00	0.00
13.96	9.41	2.00	0.00	1.00	0.00	13.97	9.31	2.00	0.00	1.00	0.00
13.98	9.22	2.00	0.00	1.00	0.00	13.99	9.12	2.00	0.00	1.00	0.00
14.00	9.12	2.00	0.00	1.00	0.00	14.01	9.12	2.00	0.00	1.00	0.00
14.02	9.11	2.00	0.00	1.00	0.00	14.03	9.02	2.00	0.00	1.00	0.00
14.04	8.92	2.00	0.00	1.00	0.00	14.05	8.83	2.00	0.00	1.00	0.00
14.06	8.83	2.00	0.00	1.00	0.00	14.07	8.73	2.00	0.00	1.00	0.00
14.08	8.55	2.00	0.00	1.00	0.00	14.09	8.55	2.00	0.00	1.00	0.00
14.10	8.45	2.00	0.00	1.00	0.00	14.11	8.36	2.00	0.00	1.00	0.00
14.12	8.36	2.00	0.00	1.00	0.00	14.13	8.35	2.00	0.00	1.00	0.00
14.14	8.35	2.00	0.00	1.00	0.00	14.15	8.35	2.00	0.00	1.00	0.00
14.16	8.34	2.00	0.00	1.00	0.00	14.17	8.43	2.00	0.00	1.00	0.00
14.18	8.52	2.00	0.00	1.00	0.00	14.19	8.60	2.00	0.00	1.00	0.00
14.20	8.60	2.00	0.00	1.00	0.00	14.21	8.69	2.00	0.00	1.00	0.00
14.22	8.68	2.00	0.00	1.00	0.00	14.23	8.68	2.00	0.00	1.00	0.00
14.24	8.68	2.00	0.00	1.00	0.00	14.25	8.76	2.00	0.00	1.00	0.00
14.26	8.85	2.00	0.00	1.00	0.00	14.27	8.94	2.00	0.00	1.00	0.00
14.28	9.02	2.00	0.00	1.00	0.00	14.29	9.02	2.00	0.00	1.00	0.00
14.30	9.02	2.00	0.00	1.00	0.00	14.31	9.10	2.00	0.00	1.00	0.00
14.32	9.10	2.00	0.00	1.00	0.00	14.33	9.10	2.00	0.00	1.00	0.00
14.34	9.09	2.00	0.00	1.00	0.00	14.35	9.00	2.00	0.00	1.00	0.00
14.36	8.91	2.00	0.00	1.00	0.00	14.37	8.90	2.00	0.00	1.00	0.00
14.38	8.90	2.00	0.00	1.00	0.00	14.39	8.99	2.00	0.00	1.00	0.00
14.40	8.98	2.00	0.00	1.00	0.00	14.41	8.98	2.00	0.00	1.00	0.00
14.42	9.07	2.00	0.00	1.00	0.00	14.43	9.24	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.33	2.00	0.00	1.00	0.00	14.45	9.41	2.00	0.00	1.00	0.00
14.46	9.50	2.00	0.00	1.00	0.00	14.47	9.68	2.00	0.00	1.00	0.00
14.48	9.85	2.00	0.00	1.00	0.00	14.49	10.03	2.00	0.00	1.00	0.00
14.50	10.47	2.00	0.00	1.00	0.00	14.51	10.64	2.00	0.00	1.00	0.00
14.52	10.73	2.00	0.00	1.00	0.00	14.53	10.81	2.00	0.00	1.00	0.00
14.54	10.81	2.00	0.00	1.00	0.00	14.55	10.90	2.00	0.00	1.00	0.00
14.56	10.89	2.00	0.00	1.00	0.00	14.57	10.98	2.00	0.00	1.00	0.00
14.58	11.06	2.00	0.00	1.00	0.00	14.59	11.15	2.00	0.00	1.00	0.00
14.60	11.14	2.00	0.00	1.00	0.00	14.61	11.23	2.00	0.00	1.00	0.00
14.62	11.22	2.00	0.00	1.00	0.00	14.63	11.31	2.00	0.00	1.00	0.00
14.64	11.31	2.00	0.00	1.00	0.00	14.65	11.21	2.00	0.00	1.00	0.00
14.66	11.21	2.00	0.00	1.00	0.00	14.67	11.20	2.00	0.00	1.00	0.00
14.68	11.29	2.00	0.00	1.00	0.00	14.69	11.37	2.00	0.00	1.00	0.00
14.70	11.46	2.00	0.00	1.00	0.00	14.71	11.45	2.00	0.00	1.00	0.00
14.72	11.45	2.00	0.00	1.00	0.00	14.73	11.53	2.00	0.00	1.00	0.00
14.74	11.44	2.00	0.00	1.00	0.00	14.75	11.44	2.00	0.00	1.00	0.00
14.76	11.43	2.00	0.00	1.00	0.00	14.77	11.34	2.00	0.00	1.00	0.00
14.78	11.34	2.00	0.00	1.00	0.00	14.79	11.24	2.00	0.00	1.00	0.00
14.80	11.24	2.00	0.00	1.00	0.00	14.81	11.15	2.00	0.00	1.00	0.00
14.82	11.14	2.00	0.00	1.00	0.00	14.83	11.14	2.00	0.00	1.00	0.00
14.84	11.22	2.00	0.00	1.00	0.00	14.85	11.22	2.00	0.00	1.00	0.00
14.86	11.21	2.00	0.00	1.00	0.00	14.87	11.30	2.00	0.00	1.00	0.00
14.88	11.29	2.00	0.00	1.00	0.00	14.89	11.38	2.00	0.00	1.00	0.00
14.90	11.37	2.00	0.00	1.00	0.00	14.91	11.37	2.00	0.00	1.00	0.00
14.92	11.72	2.00	0.00	1.00	0.00	14.93	11.89	2.00	0.00	1.00	0.00
14.94	11.97	2.00	0.00	1.00	0.00	14.95	12.06	2.00	0.00	1.00	0.00
14.96	12.14	2.00	0.00	1.00	0.00	14.97	12.31	2.00	0.00	1.00	0.00
14.98	12.66	2.00	0.00	1.00	0.00	14.99	12.74	2.00	0.00	1.00	0.00
15.00	12.92	2.00	0.00	1.00	0.00	15.01	13.18	2.00	0.00	1.00	0.00
15.02	13.26	2.00	0.00	1.00	0.00	15.03	13.34	2.00	0.00	1.00	0.00
15.04	13.51	2.00	0.00	1.00	0.00	15.05	13.60	2.00	0.00	1.00	0.00
15.06	13.50	2.00	0.00	1.00	0.00	15.07	13.50	2.00	0.00	1.00	0.00
15.08	13.58	2.00	0.00	1.00	0.00	15.09	13.58	2.00	0.00	1.00	0.00
15.10	13.66	2.00	0.00	1.00	0.00	15.11	13.74	2.00	0.00	1.00	0.00
15.12	13.83	2.00	0.00	1.00	0.00	15.13	13.82	2.00	0.00	1.00	0.00
15.14	13.90	2.00	0.00	1.00	0.00	15.15	13.90	2.00	0.00	1.00	0.00
15.16	13.80	2.00	0.00	1.00	0.00	15.17	13.71	2.00	0.00	1.00	0.00
15.18	13.62	2.00	0.00	1.00	0.00	15.19	13.53	2.00	0.00	1.00	0.00
15.20	13.61	2.00	0.00	1.00	0.00	15.21	13.60	2.00	0.00	1.00	0.00
15.22	13.77	2.00	0.00	1.00	0.00	15.23	13.94	2.00	0.00	1.00	0.00
15.24	14.38	2.00	0.00	1.00	0.00	15.25	14.46	2.00	0.00	1.00	0.00
15.26	14.45	2.00	0.00	1.00	0.00	15.27	14.45	2.00	0.00	1.00	0.00
15.28	14.36	2.00	0.00	1.00	0.00	15.29	14.17	2.00	0.00	1.00	0.00
15.30	14.08	2.00	0.00	1.00	0.00	15.31	13.90	2.00	0.00	1.00	0.00
15.32	13.98	2.00	0.00	1.00	0.00	15.33	14.07	2.00	0.00	1.00	0.00
15.34	14.06	2.00	0.00	1.00	0.00	15.35	14.06	2.00	0.00	1.00	0.00
15.36	13.96	2.00	0.00	1.00	0.00	15.37	13.96	2.00	0.00	1.00	0.00
15.38	13.95	2.00	0.00	1.00	0.00	15.39	14.03	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

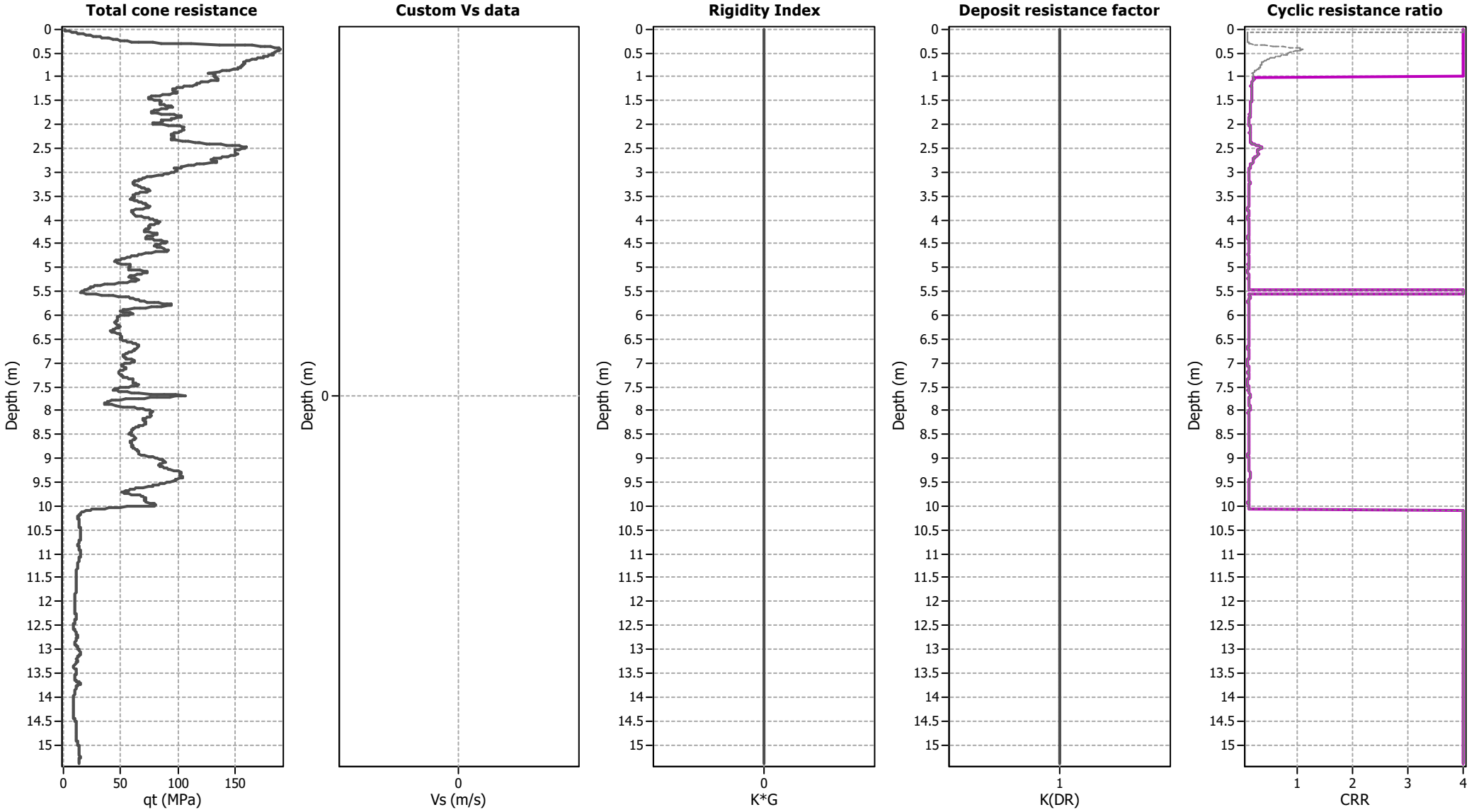
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	14.12	2.00	0.00	1.00	0.00						

Total estimated settlement: 30.21

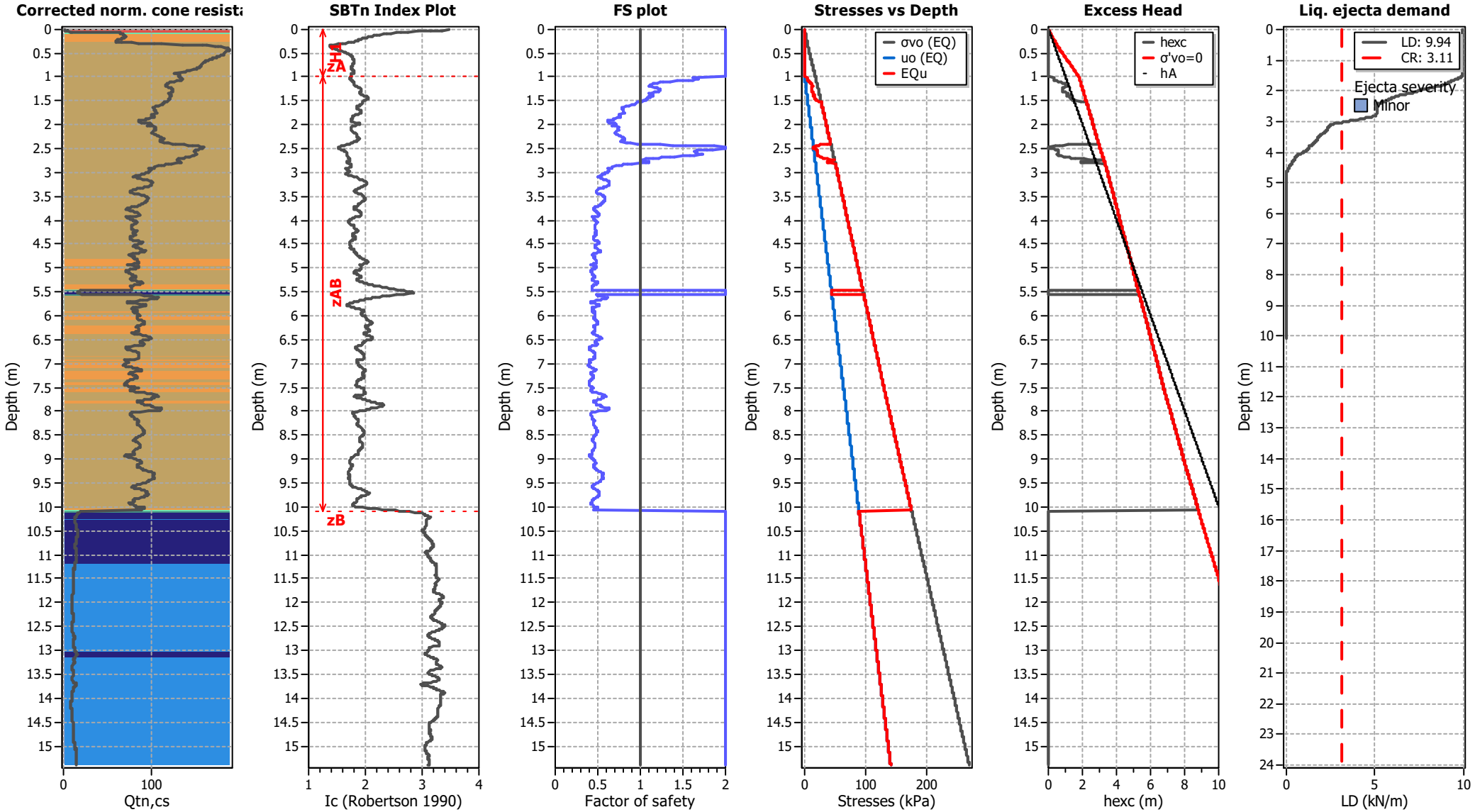
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



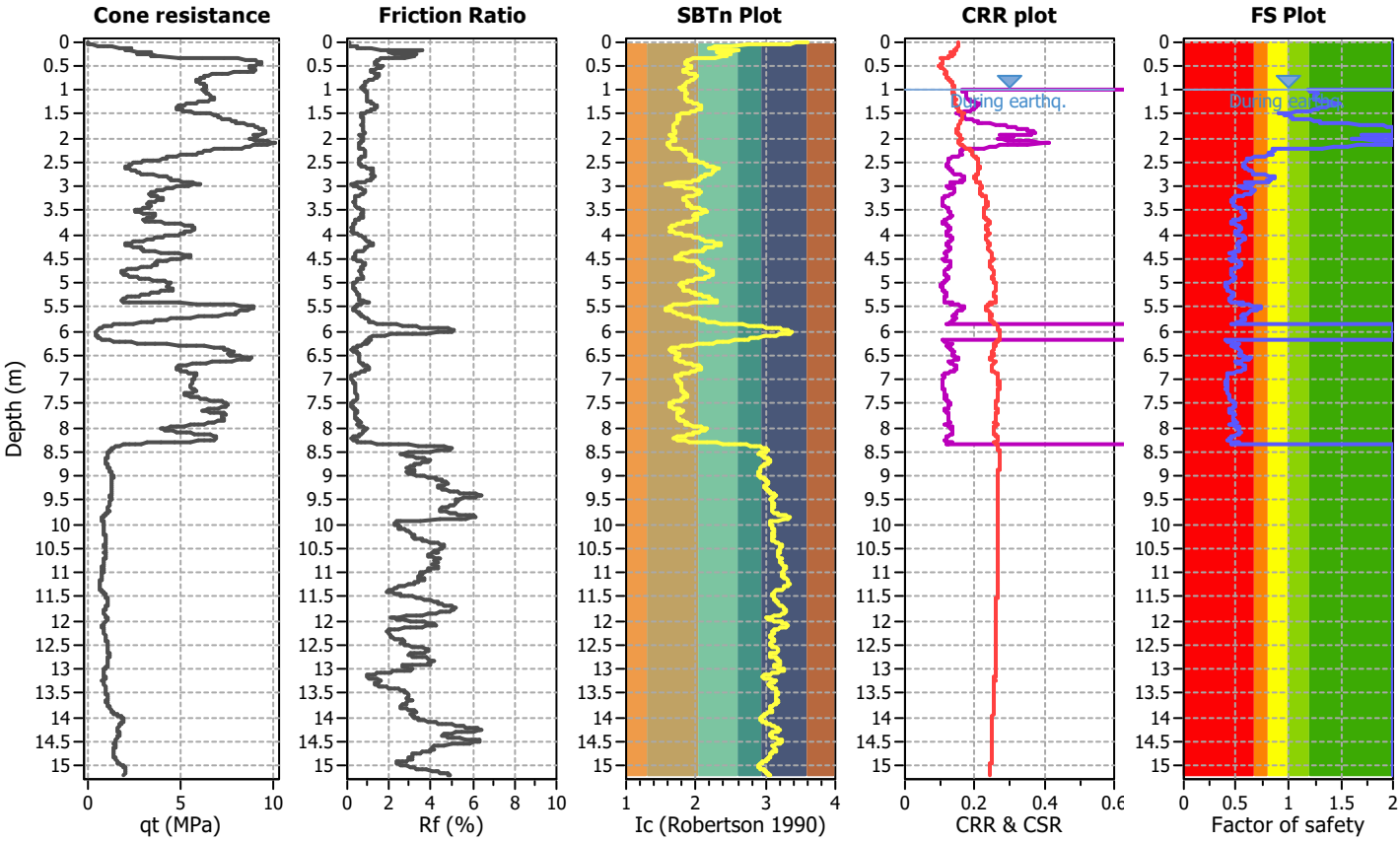
LIQUEFACTION ANALYSIS REPORT

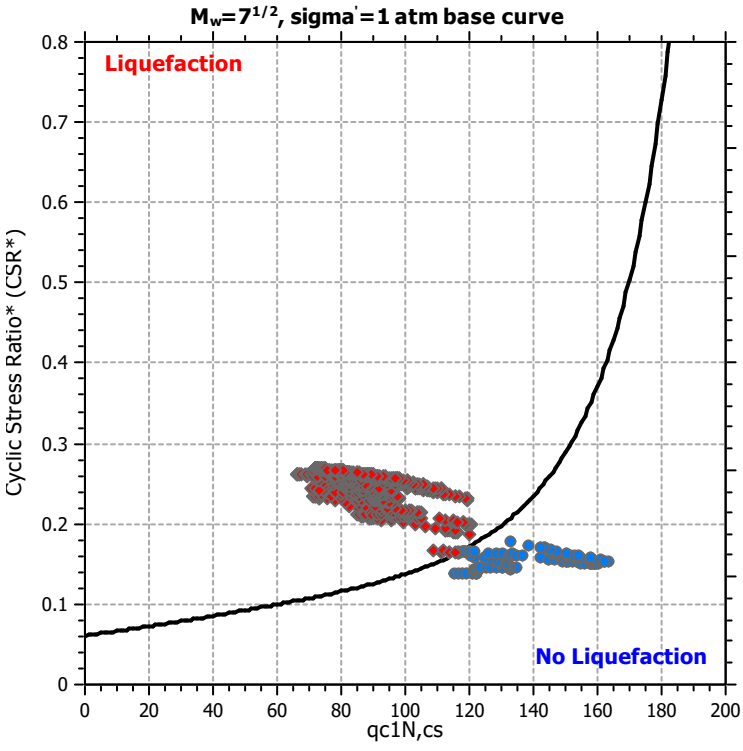
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

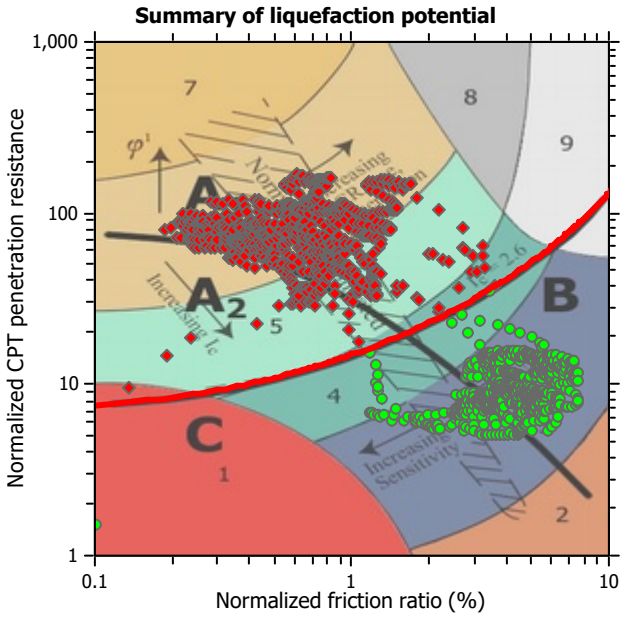
CPT file : 040008P1006CPTU1007

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

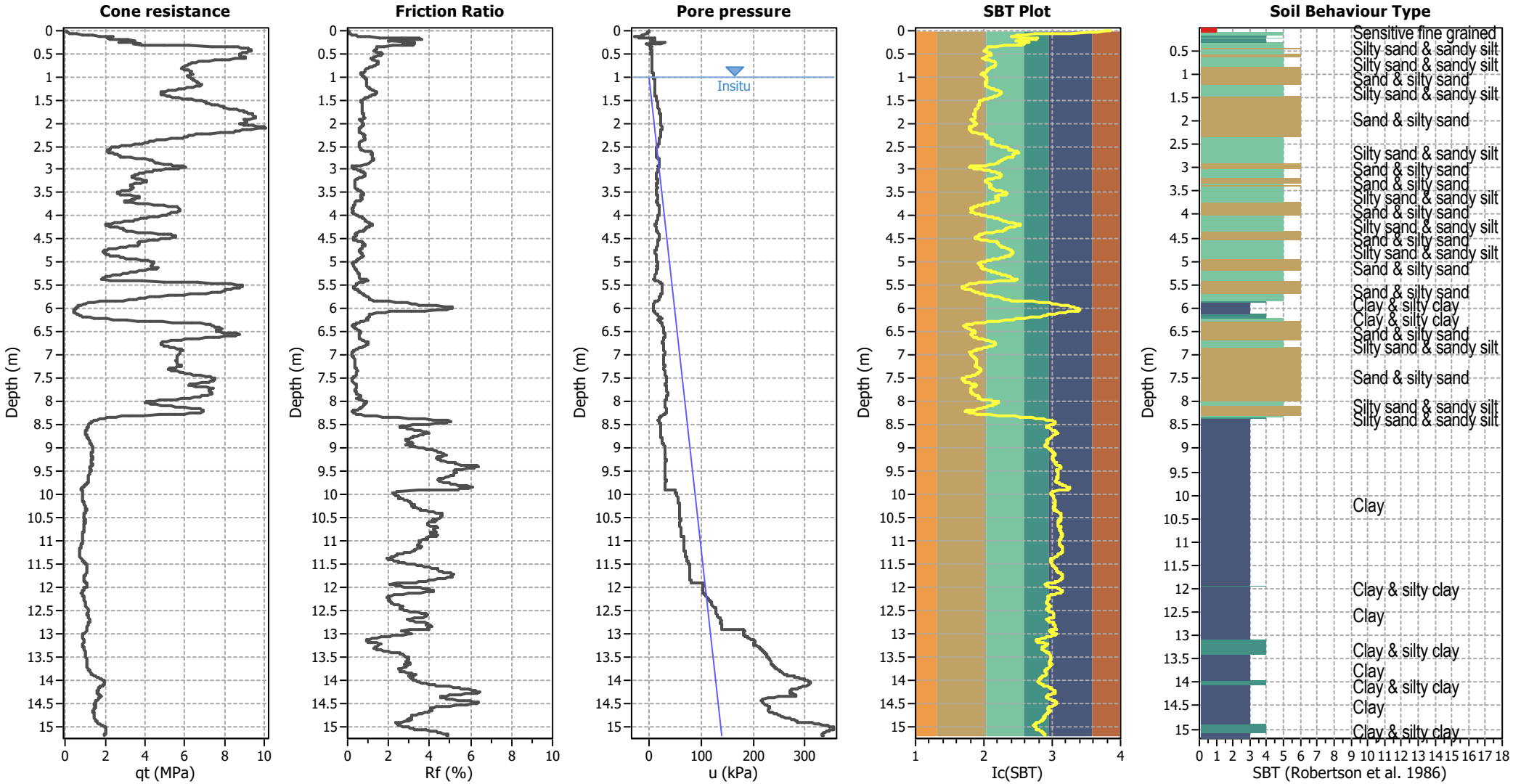






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



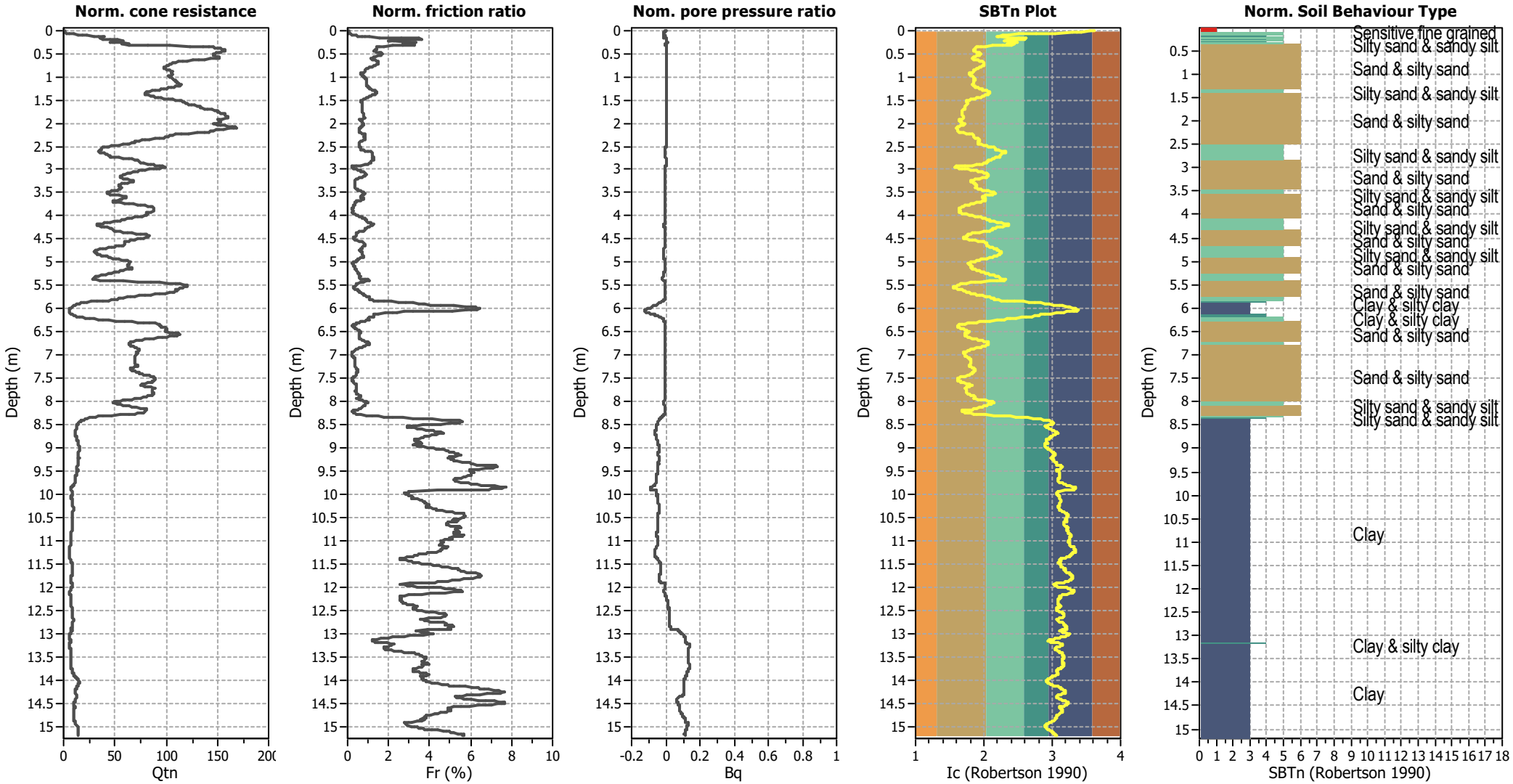
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



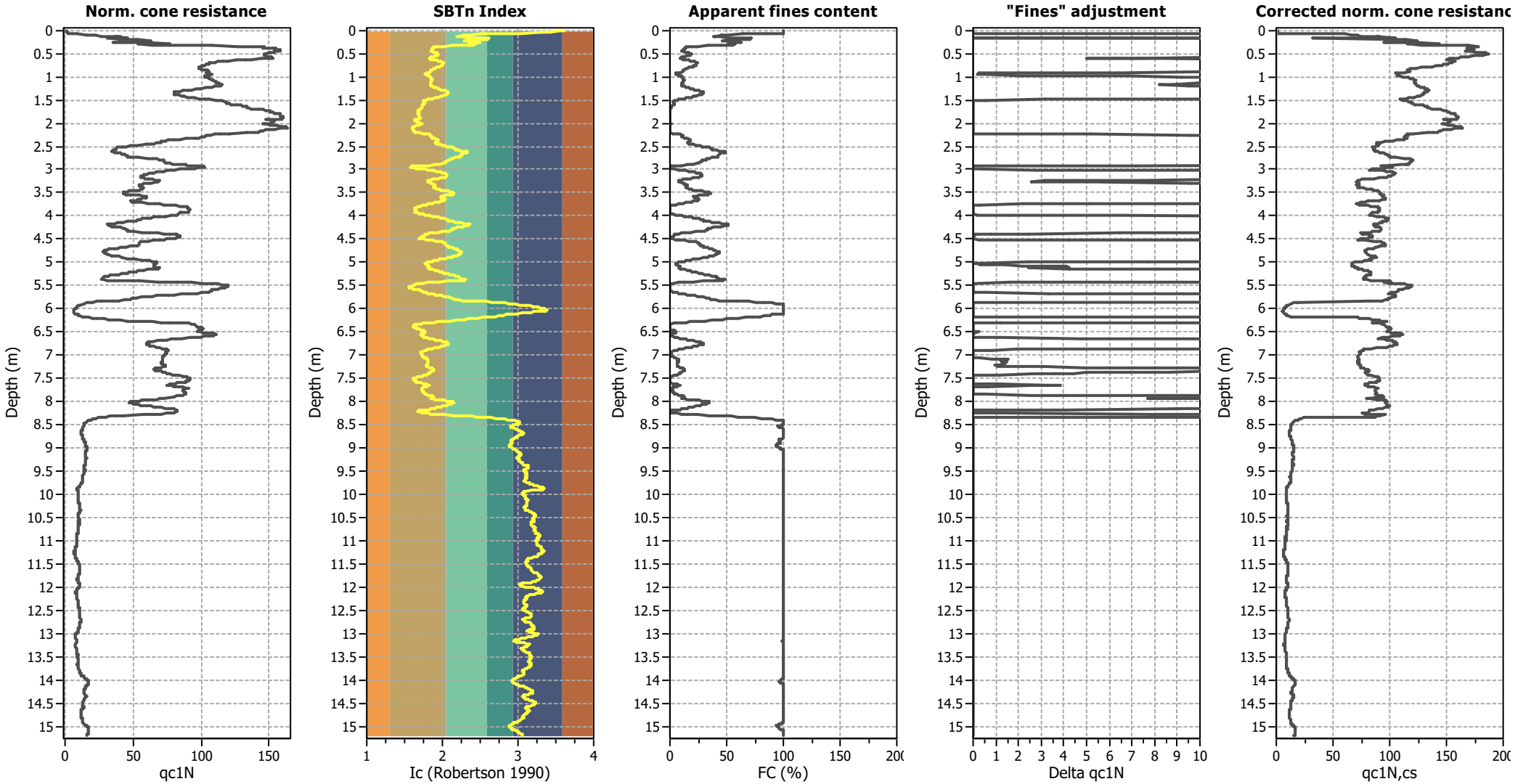
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

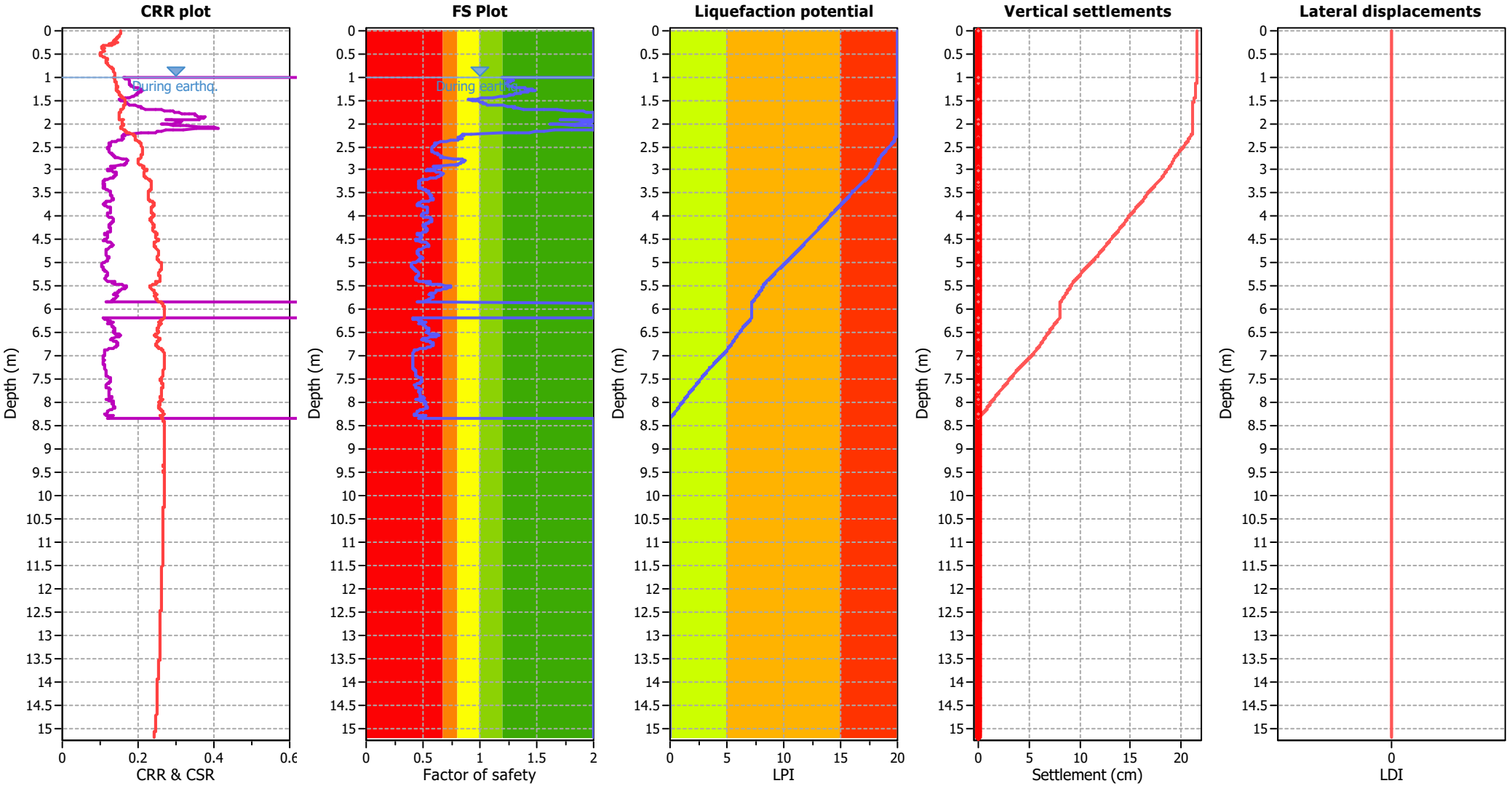
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

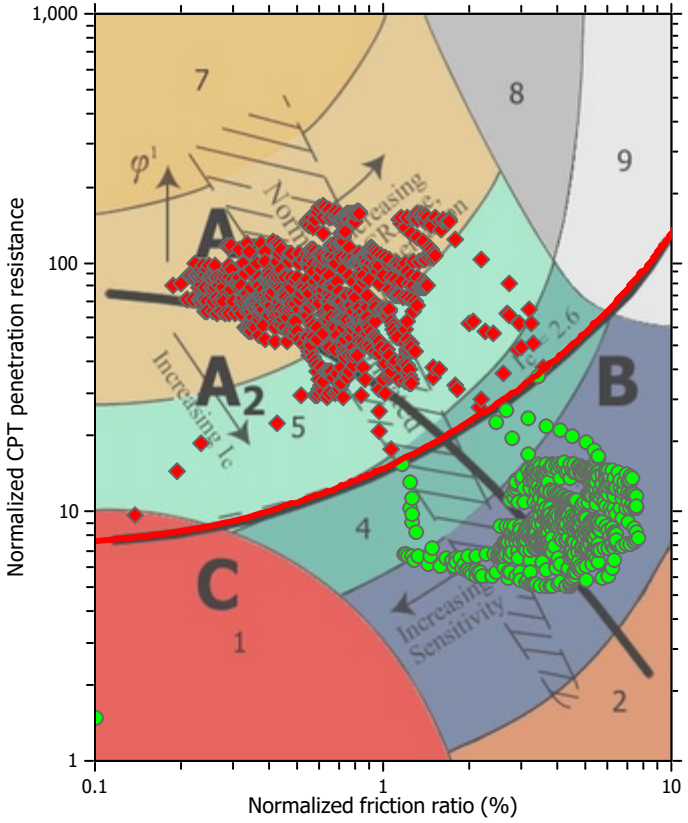
F.S. color scheme

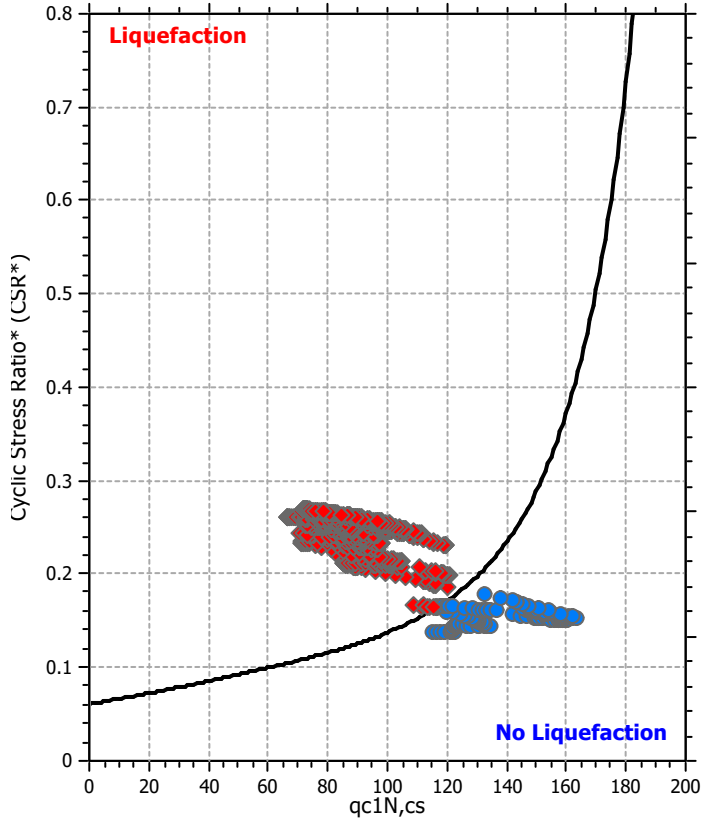
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

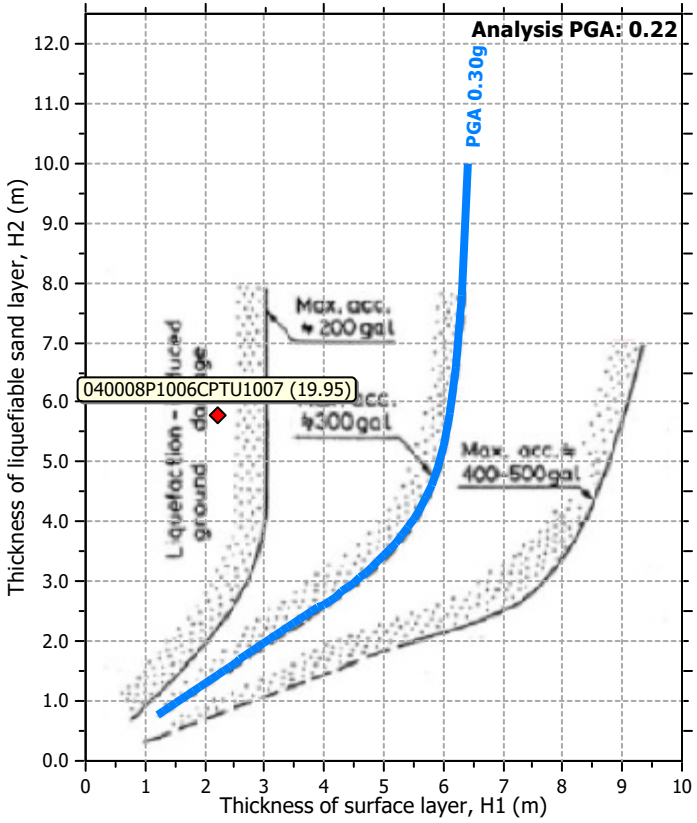
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



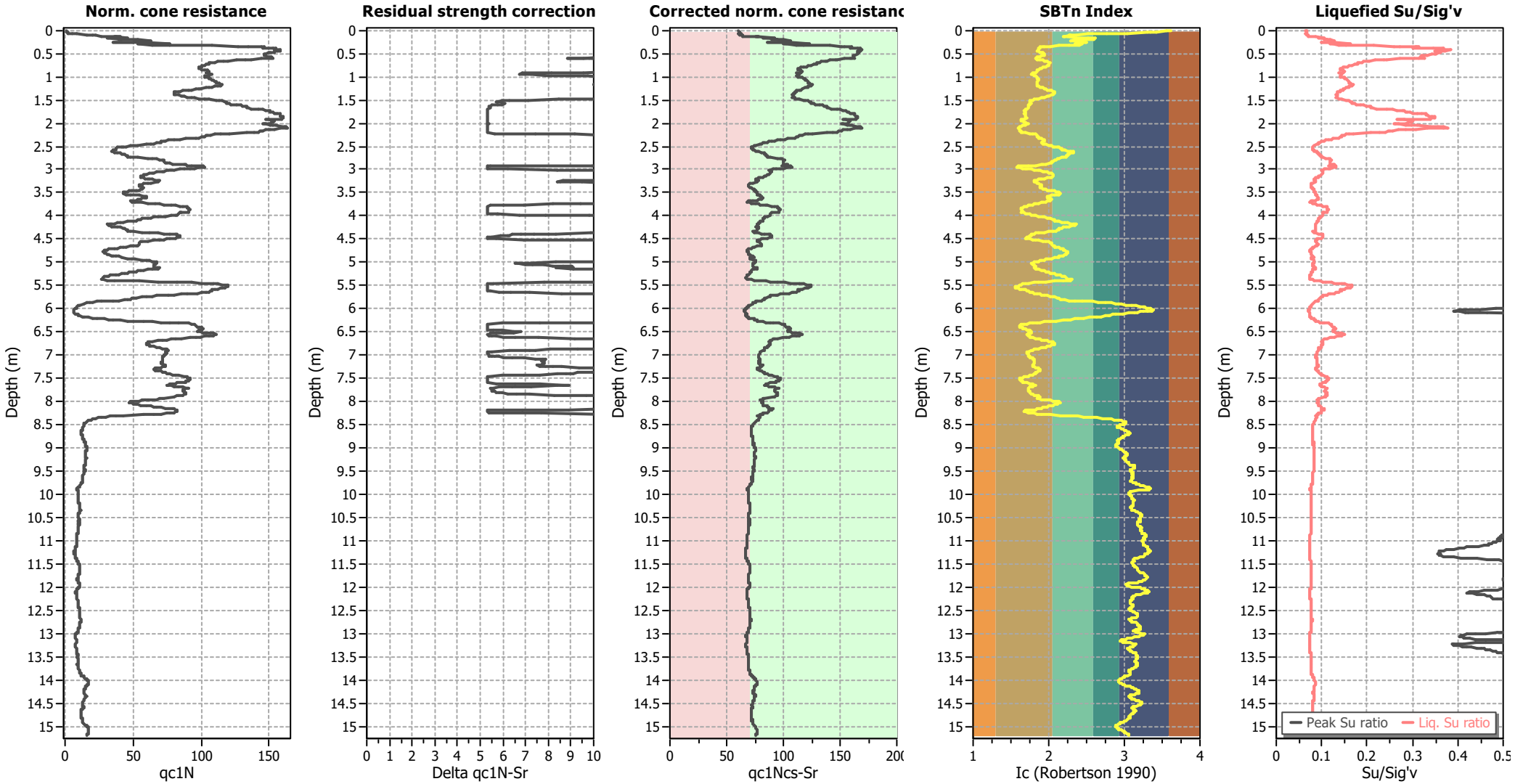




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.19	0.00	0.00	0.01	0.00	1.02	1.21	0.00	0.00	0.01	0.00
1.03	1.22	0.00	0.00	0.01	0.00	1.04	1.24	0.00	0.00	0.01	0.00
1.05	1.27	0.00	0.00	0.01	0.00	1.06	1.29	0.00	0.00	0.01	0.00
1.07	1.29	0.00	0.00	0.01	0.00	1.08	1.28	0.00	0.00	0.01	0.00
1.09	1.27	0.00	0.00	0.01	0.00	1.10	1.26	0.00	0.00	0.01	0.00
1.11	1.25	0.00	0.00	0.01	0.00	1.12	1.25	0.00	0.00	0.01	0.00
1.13	1.24	0.00	0.00	0.01	0.00	1.14	1.24	0.00	0.00	0.01	0.00
1.15	1.25	0.00	0.00	0.01	0.00	1.16	1.25	0.00	0.00	0.01	0.00
1.17	1.24	0.00	0.00	0.01	0.00	1.18	1.25	0.00	0.00	0.01	0.00
1.19	1.26	0.00	0.00	0.01	0.00	1.20	1.25	0.00	0.00	0.01	0.00
1.21	1.28	0.00	0.00	0.01	0.00	1.22	1.31	0.00	0.00	0.01	0.00
1.23	1.34	0.00	0.00	0.01	0.00	1.24	1.40	0.00	0.00	0.01	0.00
1.25	1.39	0.00	0.00	0.01	0.00	1.26	1.45	0.00	0.00	0.01	0.00
1.27	1.46	0.00	0.00	0.01	0.00	1.28	1.46	0.00	0.00	0.01	0.00
1.29	1.48	0.00	0.00	0.01	0.00	1.30	1.42	0.00	0.00	0.01	0.00
1.31	1.42	0.00	0.00	0.01	0.00	1.32	1.41	0.00	0.00	0.01	0.00
1.33	1.39	0.00	0.00	0.01	0.00	1.34	1.36	0.00	0.00	0.01	0.00
1.35	1.35	0.00	0.00	0.01	0.00	1.36	1.32	0.00	0.00	0.01	0.00
1.37	1.31	0.00	0.00	0.01	0.00	1.38	1.29	0.00	0.00	0.01	0.00
1.39	1.26	0.00	0.00	0.01	0.00	1.40	1.27	0.00	0.00	0.01	0.00
1.41	1.24	0.00	0.00	0.01	0.00	1.42	1.21	0.00	0.00	0.01	0.00
1.43	1.17	0.00	0.00	0.01	0.00	1.44	1.11	0.00	0.00	0.01	0.00
1.45	1.08	0.00	0.00	0.01	0.00	1.46	1.02	0.00	0.00	0.01	0.00
1.47	0.97	0.00	0.00	0.01	0.00	1.48	0.93	0.00	0.00	0.01	0.01
1.49	0.90	0.00	0.00	0.01	0.01	1.50	0.94	0.00	0.00	0.01	0.01
1.51	0.96	0.00	0.00	0.01	0.00	1.52	0.98	0.00	0.00	0.01	0.00
1.53	1.00	0.00	0.00	0.01	0.00	1.54	1.01	0.00	0.00	0.01	0.00
1.55	1.02	0.00	0.00	0.01	0.00	1.56	1.02	0.00	0.00	0.01	0.00
1.57	1.02	0.00	0.00	0.01	0.00	1.58	1.03	0.00	0.00	0.01	0.00
1.59	1.05	0.00	0.00	0.01	0.00	1.60	1.07	0.00	0.00	0.01	0.00
1.61	1.15	0.00	0.00	0.01	0.00	1.62	1.20	0.00	0.00	0.01	0.00
1.63	1.24	0.00	0.00	0.01	0.00	1.64	1.28	0.00	0.00	0.01	0.00
1.65	1.31	0.00	0.00	0.01	0.00	1.66	1.30	0.00	0.00	0.01	0.00
1.67	1.30	0.00	0.00	0.01	0.00	1.68	1.33	0.00	0.00	0.01	0.00
1.69	1.38	0.00	0.00	0.01	0.00	1.70	1.57	0.00	0.00	0.01	0.00
1.71	1.69	0.00	0.00	0.01	0.00	1.72	1.76	0.00	0.00	0.01	0.00
1.73	1.87	0.00	0.00	0.01	0.00	1.74	1.91	0.00	0.00	0.01	0.00
1.75	1.94	0.00	0.00	0.01	0.00	1.76	1.95	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	2.00	0.00	0.00	0.01	0.00	1.80	2.00	0.00	0.00	0.01	0.00
1.81	2.00	0.00	0.00	0.01	0.00	1.82	2.00	0.00	0.00	0.01	0.00
1.83	2.00	0.00	0.00	0.01	0.00	1.84	2.00	0.00	0.00	0.01	0.00
1.85	2.00	0.00	0.00	0.01	0.00	1.86	2.00	0.00	0.00	0.01	0.00
1.87	2.00	0.00	0.00	0.01	0.00	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	1.70	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.84	0.00	0.00	0.01	0.00	1.94	1.98	0.00	0.00	0.01	0.00
1.95	2.00	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	1.97	0.00	0.00	0.01	0.00	1.98	1.97	0.00	0.00	0.01	0.00
1.99	1.90	0.00	0.00	0.01	0.00	2.00	1.84	0.00	0.00	0.01	0.00
2.01	1.64	0.00	0.00	0.01	0.00	2.02	1.61	0.00	0.00	0.01	0.00
2.03	1.70	0.00	0.00	0.01	0.00	2.04	1.83	0.00	0.00	0.01	0.00
2.05	1.96	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	1.81	0.00	0.00	0.01	0.00
2.15	1.66	0.00	0.00	0.01	0.00	2.16	1.56	0.00	0.00	0.01	0.00
2.17	1.50	0.00	0.00	0.01	0.00	2.18	1.49	0.00	0.00	0.01	0.00
2.19	1.44	0.00	0.00	0.01	0.00	2.20	1.32	0.00	0.00	0.01	0.00
2.21	1.17	0.00	0.00	0.01	0.00	2.22	0.93	0.00	0.00	0.01	0.01
2.23	0.86	0.00	0.00	0.01	0.01	2.24	0.85	0.00	0.00	0.01	0.01
2.25	0.87	0.00	0.00	0.01	0.01	2.26	0.86	0.00	0.00	0.01	0.01
2.27	0.85	0.00	0.00	0.01	0.01	2.28	0.83	0.00	0.00	0.01	0.01
2.29	0.82	0.00	0.00	0.01	0.02	2.30	0.81	0.00	0.00	0.01	0.02
2.31	0.81	0.00	0.00	0.01	0.02	2.32	0.82	0.00	0.00	0.01	0.02
2.33	0.85	0.00	0.00	0.01	0.01	2.34	0.81	0.00	0.00	0.01	0.02
2.35	0.81	0.00	0.00	0.01	0.02	2.36	0.77	0.00	0.00	0.01	0.02
2.37	0.74	0.26	1.12	0.01	0.02	2.38	0.71	0.29	0.96	0.01	0.03
2.39	0.68	0.32	0.84	0.01	0.03	2.40	0.65	0.35	0.75	0.01	0.03
2.41	0.63	0.37	0.69	0.01	0.03	2.42	0.61	0.39	0.65	0.01	0.03
2.43	0.60	0.40	0.63	0.01	0.04	2.44	0.60	0.40	0.63	0.01	0.04
2.45	0.60	0.40	0.63	0.01	0.03	2.46	0.61	0.39	0.66	0.01	0.03
2.47	0.60	0.40	0.63	0.01	0.04	2.48	0.60	0.40	0.63	0.01	0.03
2.49	0.59	0.41	0.62	0.01	0.04	2.50	0.58	0.42	0.60	0.01	0.04
2.51	0.58	0.42	0.59	0.01	0.04	2.52	0.58	0.42	0.59	0.01	0.04
2.53	0.57	0.43	0.58	0.01	0.04	2.54	0.57	0.43	0.58	0.01	0.04
2.55	0.57	0.43	0.58	0.01	0.04	2.56	0.57	0.43	0.58	0.01	0.04
2.57	0.57	0.43	0.58	0.01	0.04	2.58	0.58	0.42	0.59	0.01	0.04
2.59	0.57	0.43	0.58	0.01	0.04	2.60	0.58	0.42	0.59	0.01	0.04
2.61	0.58	0.42	0.59	0.01	0.04	2.62	0.59	0.41	0.61	0.01	0.04
2.63	0.60	0.40	0.63	0.01	0.03	2.64	0.61	0.39	0.65	0.01	0.03
2.65	0.63	0.37	0.69	0.01	0.03	2.66	0.63	0.37	0.70	0.01	0.03
2.67	0.64	0.36	0.72	0.01	0.03	2.68	0.64	0.36	0.73	0.01	0.03
2.69	0.65	0.35	0.75	0.01	0.03	2.70	0.66	0.34	0.78	0.01	0.03
2.71	0.66	0.34	0.78	0.01	0.03	2.72	0.66	0.34	0.78	0.01	0.03
2.73	0.67	0.33	0.80	0.01	0.03	2.74	0.68	0.32	0.86	0.01	0.03
2.75	0.70	0.30	0.90	0.01	0.03	2.76	0.77	0.23	1.34	0.01	0.02
2.77	0.81	0.00	0.00	0.01	0.02	2.78	0.84	0.00	0.00	0.01	0.01
2.79	0.86	0.00	0.00	0.01	0.01	2.80	0.87	0.00	0.00	0.01	0.01
2.81	0.86	0.00	0.00	0.01	0.01	2.82	0.85	0.00	0.00	0.01	0.01
2.83	0.84	0.00	0.00	0.01	0.01	2.84	0.83	0.00	0.00	0.01	0.01
2.85	0.83	0.00	0.00	0.01	0.01	2.86	0.83	0.00	0.00	0.01	0.01
2.87	0.83	0.00	0.00	0.01	0.01	2.88	0.79	0.00	0.00	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.81	0.00	0.00	0.01	0.02	2.90	0.74	0.26	1.13	0.01	0.02
2.91	0.62	0.38	0.67	0.01	0.03	2.92	0.59	0.41	0.62	0.01	0.03
2.93	0.65	0.35	0.76	0.01	0.03	2.94	0.66	0.34	0.78	0.01	0.03
2.95	0.66	0.34	0.77	0.01	0.03	2.96	0.63	0.37	0.69	0.01	0.03
2.97	0.61	0.39	0.65	0.01	0.03	2.98	0.58	0.42	0.60	0.01	0.04
2.99	0.56	0.44	0.56	0.01	0.04	3.00	0.54	0.46	0.53	0.01	0.04
3.01	0.53	0.47	0.52	0.01	0.04	3.02	0.56	0.44	0.56	0.01	0.04
3.03	0.60	0.40	0.62	0.01	0.03	3.04	0.62	0.38	0.68	0.01	0.03
3.05	0.65	0.35	0.75	0.01	0.03	3.06	0.66	0.34	0.77	0.01	0.03
3.07	0.67	0.33	0.82	0.01	0.03	3.08	0.67	0.33	0.82	0.01	0.03
3.09	0.67	0.33	0.81	0.01	0.03	3.10	0.67	0.33	0.80	0.01	0.03
3.11	0.66	0.34	0.79	0.01	0.03	3.12	0.65	0.35	0.75	0.01	0.03
3.13	0.64	0.36	0.73	0.01	0.03	3.14	0.63	0.37	0.70	0.01	0.03
3.15	0.62	0.38	0.68	0.01	0.03	3.16	0.61	0.39	0.66	0.01	0.03
3.17	0.59	0.41	0.61	0.01	0.03	3.18	0.57	0.43	0.58	0.01	0.04
3.19	0.54	0.46	0.53	0.01	0.04	3.20	0.52	0.48	0.50	0.01	0.04
3.21	0.50	0.50	0.48	0.01	0.04	3.22	0.49	0.51	0.46	0.01	0.04
3.23	0.47	0.53	0.45	0.01	0.04	3.24	0.47	0.53	0.45	0.01	0.04
3.25	0.47	0.53	0.44	0.01	0.04	3.26	0.46	0.54	0.44	0.01	0.04
3.27	0.46	0.54	0.44	0.01	0.05	3.28	0.47	0.53	0.44	0.01	0.04
3.29	0.47	0.53	0.44	0.01	0.04	3.30	0.47	0.53	0.45	0.01	0.04
3.31	0.46	0.54	0.44	0.01	0.04	3.32	0.46	0.54	0.44	0.01	0.05
3.33	0.46	0.54	0.44	0.01	0.04	3.34	0.47	0.53	0.44	0.01	0.04
3.35	0.47	0.53	0.44	0.01	0.04	3.36	0.47	0.53	0.44	0.01	0.04
3.37	0.46	0.54	0.44	0.01	0.04	3.38	0.46	0.54	0.44	0.01	0.04
3.39	0.47	0.53	0.45	0.01	0.04	3.40	0.48	0.52	0.46	0.01	0.04
3.41	0.50	0.50	0.48	0.01	0.04	3.42	0.52	0.48	0.50	0.01	0.04
3.43	0.52	0.48	0.51	0.01	0.04	3.44	0.53	0.47	0.52	0.01	0.04
3.45	0.54	0.46	0.53	0.01	0.04	3.46	0.54	0.46	0.54	0.01	0.04
3.47	0.55	0.45	0.55	0.01	0.04	3.48	0.55	0.45	0.55	0.01	0.04
3.49	0.55	0.45	0.55	0.01	0.04	3.50	0.55	0.45	0.55	0.01	0.04
3.51	0.55	0.45	0.55	0.01	0.04	3.52	0.56	0.44	0.56	0.01	0.04
3.53	0.56	0.44	0.56	0.01	0.04	3.54	0.56	0.44	0.56	0.01	0.04
3.55	0.56	0.44	0.56	0.01	0.04	3.56	0.58	0.42	0.59	0.01	0.03
3.57	0.57	0.43	0.57	0.01	0.04	3.58	0.57	0.43	0.57	0.01	0.04
3.59	0.56	0.44	0.57	0.01	0.04	3.60	0.57	0.43	0.58	0.01	0.03
3.61	0.58	0.42	0.60	0.01	0.03	3.62	0.59	0.41	0.61	0.01	0.03
3.63	0.59	0.41	0.60	0.01	0.03	3.64	0.58	0.42	0.59	0.01	0.03
3.65	0.56	0.44	0.57	0.01	0.04	3.66	0.55	0.45	0.54	0.01	0.04
3.67	0.52	0.48	0.50	0.01	0.04	3.68	0.50	0.50	0.48	0.01	0.04
3.69	0.49	0.51	0.47	0.01	0.04	3.70	0.48	0.52	0.45	0.01	0.04
3.71	0.46	0.54	0.44	0.01	0.04	3.72	0.46	0.54	0.44	0.01	0.04
3.73	0.45	0.55	0.42	0.01	0.04	3.74	0.44	0.56	0.42	0.01	0.05
3.75	0.45	0.55	0.43	0.01	0.04	3.76	0.45	0.55	0.43	0.01	0.04
3.77	0.48	0.52	0.45	0.01	0.04	3.78	0.49	0.51	0.47	0.01	0.04
3.79	0.50	0.50	0.48	0.01	0.04	3.80	0.52	0.48	0.50	0.01	0.04
3.81	0.54	0.46	0.52	0.01	0.04	3.82	0.54	0.46	0.53	0.01	0.04
3.83	0.54	0.46	0.53	0.01	0.04	3.84	0.54	0.46	0.53	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.54	0.46	0.53	0.01	0.04	3.86	0.54	0.46	0.54	0.01	0.04
3.87	0.54	0.46	0.54	0.01	0.04	3.88	0.54	0.46	0.53	0.01	0.04
3.89	0.54	0.46	0.52	0.01	0.04	3.90	0.54	0.46	0.52	0.01	0.04
3.91	0.53	0.47	0.52	0.01	0.04	3.92	0.50	0.50	0.48	0.01	0.04
3.93	0.50	0.50	0.48	0.01	0.04	3.94	0.50	0.50	0.48	0.01	0.04
3.95	0.50	0.50	0.48	0.01	0.04	3.96	0.50	0.50	0.47	0.01	0.04
3.97	0.49	0.51	0.47	0.01	0.04	3.98	0.49	0.51	0.46	0.01	0.04
3.99	0.49	0.51	0.47	0.01	0.04	4.00	0.50	0.50	0.48	0.01	0.04
4.01	0.52	0.48	0.50	0.01	0.04	4.02	0.54	0.46	0.53	0.01	0.04
4.03	0.56	0.44	0.56	0.01	0.04	4.04	0.57	0.43	0.57	0.01	0.03
4.05	0.58	0.42	0.59	0.01	0.03	4.06	0.57	0.43	0.58	0.01	0.03
4.07	0.58	0.42	0.60	0.01	0.03	4.08	0.58	0.42	0.59	0.01	0.03
4.09	0.58	0.42	0.59	0.01	0.03	4.10	0.57	0.43	0.58	0.01	0.03
4.11	0.57	0.43	0.58	0.01	0.03	4.12	0.55	0.45	0.55	0.01	0.04
4.13	0.55	0.45	0.54	0.01	0.04	4.14	0.54	0.46	0.53	0.01	0.04
4.15	0.53	0.47	0.52	0.01	0.04	4.16	0.52	0.48	0.51	0.01	0.04
4.17	0.52	0.48	0.50	0.01	0.04	4.18	0.51	0.49	0.49	0.01	0.04
4.19	0.50	0.50	0.48	0.01	0.04	4.20	0.50	0.50	0.48	0.01	0.04
4.21	0.50	0.50	0.48	0.01	0.04	4.22	0.51	0.49	0.48	0.01	0.04
4.23	0.51	0.49	0.49	0.01	0.04	4.24	0.52	0.48	0.51	0.01	0.04
4.25	0.53	0.47	0.52	0.01	0.04	4.26	0.53	0.47	0.52	0.01	0.04
4.27	0.53	0.47	0.52	0.01	0.04	4.28	0.53	0.47	0.52	0.01	0.04
4.29	0.53	0.47	0.52	0.01	0.04	4.30	0.53	0.47	0.52	0.01	0.04
4.31	0.53	0.47	0.52	0.01	0.04	4.32	0.53	0.47	0.51	0.01	0.04
4.33	0.52	0.48	0.50	0.01	0.04	4.34	0.49	0.51	0.47	0.01	0.04
4.35	0.48	0.52	0.46	0.01	0.04	4.36	0.45	0.55	0.43	0.01	0.04
4.37	0.44	0.56	0.42	0.01	0.04	4.38	0.45	0.55	0.42	0.01	0.04
4.39	0.46	0.54	0.43	0.01	0.04	4.40	0.47	0.53	0.45	0.01	0.04
4.41	0.48	0.52	0.45	0.01	0.04	4.42	0.48	0.52	0.46	0.01	0.04
4.43	0.48	0.52	0.46	0.01	0.04	4.44	0.49	0.51	0.46	0.01	0.04
4.45	0.49	0.51	0.46	0.01	0.04	4.46	0.48	0.52	0.46	0.01	0.04
4.47	0.48	0.52	0.45	0.01	0.04	4.48	0.47	0.53	0.45	0.01	0.04
4.49	0.45	0.55	0.43	0.01	0.04	4.50	0.44	0.56	0.42	0.01	0.04
4.51	0.43	0.57	0.41	0.01	0.04	4.52	0.43	0.57	0.41	0.01	0.04
4.53	0.45	0.55	0.43	0.01	0.04	4.54	0.49	0.51	0.47	0.01	0.04
4.55	0.51	0.49	0.49	0.01	0.04	4.56	0.53	0.47	0.51	0.01	0.04
4.57	0.53	0.47	0.52	0.01	0.04	4.58	0.54	0.46	0.53	0.01	0.04
4.59	0.54	0.46	0.54	0.01	0.04	4.60	0.55	0.45	0.55	0.01	0.03
4.61	0.55	0.45	0.55	0.01	0.03	4.62	0.55	0.45	0.55	0.01	0.03
4.63	0.55	0.45	0.55	0.01	0.03	4.64	0.55	0.45	0.54	0.01	0.03
4.65	0.52	0.48	0.50	0.01	0.04	4.66	0.52	0.48	0.51	0.01	0.04
4.67	0.50	0.50	0.48	0.01	0.04	4.68	0.50	0.50	0.48	0.01	0.04
4.69	0.50	0.50	0.47	0.01	0.04	4.70	0.49	0.51	0.46	0.01	0.04
4.71	0.48	0.52	0.46	0.01	0.04	4.72	0.46	0.54	0.44	0.01	0.04
4.73	0.46	0.54	0.43	0.01	0.04	4.74	0.45	0.55	0.43	0.01	0.04
4.75	0.45	0.55	0.43	0.01	0.04	4.76	0.45	0.55	0.43	0.01	0.04
4.77	0.45	0.55	0.43	0.01	0.04	4.78	0.45	0.55	0.43	0.01	0.04
4.79	0.45	0.55	0.43	0.01	0.04	4.80	0.46	0.54	0.43	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.46	0.54	0.43	0.01	0.04	4.82	0.46	0.54	0.44	0.01	0.04
4.83	0.46	0.54	0.44	0.01	0.04	4.84	0.46	0.54	0.44	0.01	0.04
4.85	0.47	0.53	0.45	0.01	0.04	4.86	0.48	0.52	0.45	0.01	0.04
4.87	0.48	0.52	0.46	0.01	0.04	4.88	0.49	0.51	0.47	0.01	0.04
4.89	0.50	0.50	0.47	0.01	0.04	4.90	0.49	0.51	0.47	0.01	0.04
4.91	0.48	0.52	0.46	0.01	0.04	4.92	0.48	0.52	0.46	0.01	0.04
4.93	0.47	0.53	0.44	0.01	0.04	4.94	0.46	0.54	0.44	0.01	0.04
4.95	0.47	0.53	0.45	0.01	0.04	4.96	0.46	0.54	0.43	0.01	0.04
4.97	0.45	0.55	0.43	0.01	0.04	4.98	0.44	0.56	0.42	0.01	0.04
4.99	0.43	0.57	0.41	0.01	0.04	5.00	0.41	0.59	0.39	0.01	0.04
5.01	0.40	0.60	0.39	0.01	0.04	5.02	0.40	0.60	0.39	0.01	0.04
5.03	0.40	0.60	0.39	0.01	0.04	5.04	0.40	0.60	0.39	0.01	0.04
5.05	0.40	0.60	0.38	0.01	0.04	5.06	0.40	0.60	0.39	0.01	0.04
5.07	0.40	0.60	0.39	0.01	0.04	5.08	0.40	0.60	0.39	0.01	0.04
5.09	0.41	0.59	0.39	0.01	0.04	5.10	0.41	0.59	0.39	0.01	0.04
5.11	0.41	0.59	0.40	0.01	0.04	5.12	0.42	0.58	0.40	0.01	0.04
5.13	0.42	0.58	0.40	0.01	0.04	5.14	0.42	0.58	0.40	0.01	0.04
5.15	0.42	0.58	0.40	0.01	0.04	5.16	0.43	0.57	0.41	0.01	0.04
5.17	0.44	0.56	0.42	0.01	0.04	5.18	0.45	0.55	0.43	0.01	0.04
5.19	0.45	0.55	0.43	0.01	0.04	5.20	0.46	0.54	0.44	0.01	0.04
5.21	0.47	0.53	0.44	0.01	0.04	5.22	0.46	0.54	0.44	0.01	0.04
5.23	0.47	0.53	0.44	0.01	0.04	5.24	0.47	0.53	0.44	0.01	0.04
5.25	0.47	0.53	0.44	0.01	0.04	5.26	0.46	0.54	0.44	0.01	0.04
5.27	0.46	0.54	0.44	0.01	0.04	5.28	0.45	0.55	0.43	0.01	0.04
5.29	0.45	0.55	0.43	0.01	0.04	5.30	0.45	0.55	0.42	0.01	0.04
5.31	0.44	0.56	0.42	0.01	0.04	5.32	0.44	0.56	0.42	0.01	0.04
5.33	0.44	0.56	0.41	0.01	0.04	5.34	0.44	0.56	0.41	0.01	0.04
5.35	0.44	0.56	0.42	0.01	0.04	5.36	0.44	0.56	0.42	0.01	0.04
5.37	0.44	0.56	0.42	0.01	0.04	5.38	0.45	0.55	0.43	0.01	0.04
5.39	0.47	0.53	0.44	0.01	0.04	5.40	0.48	0.52	0.45	0.01	0.04
5.41	0.56	0.44	0.56	0.01	0.03	5.42	0.56	0.44	0.57	0.01	0.03
5.43	0.54	0.46	0.53	0.01	0.03	5.44	0.52	0.48	0.51	0.01	0.03
5.45	0.56	0.44	0.56	0.01	0.03	5.46	0.63	0.37	0.69	0.01	0.03
5.47	0.66	0.34	0.77	0.01	0.02	5.48	0.69	0.31	0.89	0.01	0.02
5.49	0.74	0.26	1.12	0.01	0.02	5.50	0.74	0.26	1.11	0.01	0.02
5.51	0.74	0.26	1.11	0.01	0.02	5.52	0.74	0.26	1.09	0.01	0.02
5.53	0.73	0.27	1.06	0.01	0.02	5.54	0.71	0.29	0.96	0.01	0.02
5.55	0.69	0.31	0.89	0.01	0.02	5.56	0.67	0.33	0.82	0.01	0.02
5.57	0.65	0.35	0.76	0.01	0.02	5.58	0.64	0.36	0.72	0.01	0.03
5.59	0.62	0.38	0.66	0.01	0.03	5.60	0.61	0.39	0.66	0.01	0.03
5.61	0.62	0.38	0.67	0.01	0.03	5.62	0.62	0.38	0.67	0.01	0.03
5.63	0.61	0.39	0.65	0.01	0.03	5.64	0.60	0.40	0.63	0.01	0.03
5.65	0.58	0.42	0.59	0.01	0.03	5.66	0.56	0.44	0.56	0.01	0.03
5.67	0.56	0.44	0.55	0.01	0.03	5.68	0.55	0.45	0.54	0.01	0.03
5.69	0.56	0.44	0.57	0.01	0.03	5.70	0.57	0.43	0.58	0.01	0.03
5.71	0.59	0.41	0.62	0.01	0.03	5.72	0.58	0.42	0.59	0.01	0.03
5.73	0.59	0.41	0.61	0.01	0.03	5.74	0.58	0.42	0.60	0.01	0.03
5.75	0.58	0.42	0.59	0.01	0.03	5.76	0.56	0.44	0.56	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.55	0.45	0.55	0.01	0.03	5.78	0.55	0.45	0.54	0.01	0.03
5.79	0.54	0.46	0.53	0.01	0.03	5.80	0.53	0.47	0.52	0.01	0.03
5.81	0.53	0.47	0.51	0.01	0.03	5.82	0.51	0.49	0.49	0.01	0.03
5.83	0.50	0.50	0.48	0.01	0.04	5.84	0.46	0.54	0.43	0.01	0.04
5.85	0.45	0.55	0.42	0.01	0.04	5.86	2.00	0.00	0.00	0.01	0.00
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	2.00	0.00	0.00	0.01	0.00
6.17	2.00	0.00	0.00	0.01	0.00	6.18	2.00	0.00	0.00	0.01	0.00
6.19	0.41	0.59	0.39	0.01	0.04	6.20	0.41	0.59	0.40	0.01	0.04
6.21	0.42	0.58	0.41	0.01	0.04	6.22	0.45	0.55	0.43	0.01	0.04
6.23	0.46	0.54	0.44	0.01	0.04	6.24	0.47	0.53	0.45	0.01	0.04
6.25	0.49	0.51	0.47	0.01	0.03	6.26	0.50	0.50	0.47	0.01	0.03
6.27	0.53	0.47	0.51	0.01	0.03	6.28	0.50	0.50	0.48	0.01	0.03
6.29	0.49	0.51	0.46	0.01	0.04	6.30	0.47	0.53	0.44	0.01	0.04
6.31	0.46	0.54	0.44	0.01	0.04	6.32	0.49	0.51	0.47	0.01	0.03
6.33	0.51	0.49	0.48	0.01	0.03	6.34	0.51	0.49	0.49	0.01	0.03
6.35	0.52	0.48	0.50	0.01	0.03	6.36	0.52	0.48	0.50	0.01	0.03
6.37	0.52	0.48	0.50	0.01	0.03	6.38	0.52	0.48	0.51	0.01	0.03
6.39	0.53	0.47	0.51	0.01	0.03	6.40	0.53	0.47	0.52	0.01	0.03
6.41	0.55	0.45	0.54	0.01	0.03	6.42	0.55	0.45	0.55	0.01	0.03
6.43	0.55	0.45	0.55	0.01	0.03	6.44	0.56	0.44	0.55	0.01	0.03
6.45	0.55	0.45	0.54	0.01	0.03	6.46	0.54	0.46	0.53	0.01	0.03
6.47	0.53	0.47	0.52	0.01	0.03	6.48	0.53	0.47	0.52	0.01	0.03
6.49	0.53	0.47	0.52	0.01	0.03	6.50	0.54	0.46	0.53	0.01	0.03
6.51	0.56	0.44	0.55	0.01	0.03	6.52	0.57	0.43	0.58	0.01	0.03
6.53	0.60	0.40	0.63	0.01	0.03	6.54	0.62	0.38	0.67	0.01	0.03
6.55	0.64	0.36	0.71	0.01	0.02	6.56	0.63	0.37	0.70	0.01	0.02
6.57	0.63	0.37	0.69	0.01	0.03	6.58	0.61	0.39	0.66	0.01	0.03
6.59	0.59	0.41	0.60	0.01	0.03	6.60	0.56	0.44	0.56	0.01	0.03
6.61	0.54	0.46	0.53	0.01	0.03	6.62	0.52	0.48	0.50	0.01	0.03
6.63	0.50	0.50	0.48	0.01	0.03	6.64	0.49	0.51	0.46	0.01	0.03
6.65	0.50	0.50	0.48	0.01	0.03	6.66	0.51	0.49	0.49	0.01	0.03
6.67	0.53	0.47	0.51	0.01	0.03	6.68	0.54	0.46	0.53	0.01	0.03
6.69	0.56	0.44	0.56	0.01	0.03	6.70	0.56	0.44	0.56	0.01	0.03
6.71	0.58	0.42	0.59	0.01	0.03	6.72	0.58	0.42	0.60	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.59	0.41	0.60	0.01	0.03	6.74	0.59	0.41	0.61	0.01	0.03
6.75	0.59	0.41	0.61	0.01	0.03	6.76	0.59	0.41	0.61	0.01	0.03
6.77	0.58	0.42	0.60	0.01	0.03	6.78	0.58	0.42	0.60	0.01	0.03
6.79	0.57	0.43	0.58	0.01	0.03	6.80	0.56	0.44	0.57	0.01	0.03
6.81	0.55	0.45	0.55	0.01	0.03	6.82	0.54	0.46	0.53	0.01	0.03
6.83	0.53	0.47	0.51	0.01	0.03	6.84	0.51	0.49	0.49	0.01	0.03
6.85	0.48	0.52	0.45	0.01	0.03	6.86	0.45	0.55	0.43	0.01	0.04
6.87	0.43	0.57	0.41	0.01	0.04	6.88	0.42	0.58	0.40	0.01	0.04
6.89	0.42	0.58	0.40	0.01	0.04	6.90	0.42	0.58	0.40	0.01	0.04
6.91	0.42	0.58	0.40	0.01	0.04	6.92	0.41	0.59	0.39	0.01	0.04
6.93	0.41	0.59	0.40	0.01	0.04	6.94	0.41	0.59	0.39	0.01	0.04
6.95	0.41	0.59	0.40	0.01	0.04	6.96	0.41	0.59	0.40	0.01	0.04
6.97	0.41	0.59	0.40	0.01	0.04	6.98	0.41	0.59	0.39	0.01	0.04
6.99	0.41	0.59	0.39	0.01	0.04	7.00	0.41	0.59	0.39	0.01	0.04
7.01	0.41	0.59	0.39	0.01	0.04	7.02	0.41	0.59	0.39	0.01	0.04
7.03	0.41	0.59	0.39	0.01	0.04	7.04	0.40	0.60	0.39	0.01	0.04
7.05	0.40	0.60	0.39	0.01	0.04	7.06	0.40	0.60	0.39	0.01	0.04
7.07	0.41	0.59	0.39	0.01	0.04	7.08	0.41	0.59	0.39	0.01	0.04
7.09	0.41	0.59	0.39	0.01	0.04	7.10	0.41	0.59	0.39	0.01	0.04
7.11	0.41	0.59	0.39	0.01	0.04	7.12	0.41	0.59	0.39	0.01	0.04
7.13	0.41	0.59	0.39	0.01	0.04	7.14	0.41	0.59	0.39	0.01	0.04
7.15	0.41	0.59	0.39	0.01	0.04	7.16	0.41	0.59	0.39	0.01	0.04
7.17	0.41	0.59	0.39	0.01	0.04	7.18	0.41	0.59	0.39	0.01	0.04
7.19	0.41	0.59	0.39	0.01	0.04	7.20	0.41	0.59	0.39	0.01	0.04
7.21	0.41	0.59	0.39	0.01	0.04	7.22	0.42	0.58	0.40	0.01	0.04
7.23	0.42	0.58	0.40	0.01	0.04	7.24	0.41	0.59	0.40	0.01	0.04
7.25	0.41	0.59	0.40	0.01	0.04	7.26	0.41	0.59	0.40	0.01	0.04
7.27	0.42	0.58	0.40	0.01	0.04	7.28	0.42	0.58	0.40	0.01	0.04
7.29	0.42	0.58	0.40	0.01	0.04	7.30	0.43	0.57	0.41	0.01	0.04
7.31	0.43	0.57	0.41	0.01	0.04	7.32	0.44	0.56	0.42	0.01	0.04
7.33	0.44	0.56	0.42	0.01	0.04	7.34	0.44	0.56	0.42	0.01	0.04
7.35	0.44	0.56	0.42	0.01	0.04	7.36	0.44	0.56	0.42	0.01	0.04
7.37	0.43	0.57	0.41	0.01	0.04	7.38	0.43	0.57	0.41	0.01	0.04
7.39	0.43	0.57	0.41	0.01	0.04	7.40	0.43	0.57	0.41	0.01	0.04
7.41	0.44	0.56	0.41	0.01	0.04	7.42	0.44	0.56	0.42	0.01	0.04
7.43	0.44	0.56	0.42	0.01	0.03	7.44	0.45	0.55	0.43	0.01	0.03
7.45	0.47	0.53	0.44	0.01	0.03	7.46	0.48	0.52	0.45	0.01	0.03
7.47	0.48	0.52	0.46	0.01	0.03	7.48	0.48	0.52	0.46	0.01	0.03
7.49	0.48	0.52	0.46	0.01	0.03	7.50	0.49	0.51	0.47	0.01	0.03
7.51	0.49	0.51	0.47	0.01	0.03	7.52	0.49	0.51	0.47	0.01	0.03
7.53	0.49	0.51	0.47	0.01	0.03	7.54	0.49	0.51	0.46	0.01	0.03
7.55	0.49	0.51	0.47	0.01	0.03	7.56	0.48	0.52	0.46	0.01	0.03
7.57	0.48	0.52	0.45	0.01	0.03	7.58	0.47	0.53	0.45	0.01	0.03
7.59	0.47	0.53	0.45	0.01	0.03	7.60	0.45	0.55	0.42	0.01	0.03
7.61	0.44	0.56	0.42	0.01	0.03	7.62	0.43	0.57	0.41	0.01	0.04
7.63	0.43	0.57	0.41	0.01	0.04	7.64	0.43	0.57	0.41	0.01	0.04
7.65	0.43	0.57	0.41	0.01	0.04	7.66	0.44	0.56	0.42	0.01	0.03
7.67	0.44	0.56	0.42	0.01	0.03	7.68	0.45	0.55	0.43	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.46	0.54	0.44	0.01	0.03	7.70	0.47	0.53	0.45	0.01	0.03
7.71	0.48	0.52	0.46	0.01	0.03	7.72	0.48	0.52	0.46	0.01	0.03
7.73	0.48	0.52	0.45	0.01	0.03	7.74	0.47	0.53	0.44	0.01	0.03
7.75	0.47	0.53	0.44	0.01	0.03	7.76	0.47	0.53	0.44	0.01	0.03
7.77	0.47	0.53	0.44	0.01	0.03	7.78	0.47	0.53	0.44	0.01	0.03
7.79	0.47	0.53	0.44	0.01	0.03	7.80	0.47	0.53	0.45	0.01	0.03
7.81	0.47	0.53	0.45	0.01	0.03	7.82	0.47	0.53	0.45	0.01	0.03
7.83	0.47	0.53	0.45	0.01	0.03	7.84	0.47	0.53	0.45	0.01	0.03
7.85	0.47	0.53	0.45	0.01	0.03	7.86	0.48	0.52	0.45	0.01	0.03
7.87	0.48	0.52	0.46	0.01	0.03	7.88	0.50	0.50	0.48	0.01	0.03
7.89	0.50	0.50	0.48	0.01	0.03	7.90	0.51	0.49	0.49	0.01	0.03
7.91	0.49	0.51	0.47	0.01	0.03	7.92	0.45	0.55	0.42	0.01	0.03
7.93	0.43	0.57	0.41	0.01	0.03	7.94	0.45	0.55	0.43	0.01	0.03
7.95	0.48	0.52	0.45	0.01	0.03	7.96	0.49	0.51	0.47	0.01	0.03
7.97	0.51	0.49	0.49	0.01	0.03	7.98	0.52	0.48	0.50	0.01	0.03
7.99	0.53	0.47	0.51	0.01	0.03	8.00	0.52	0.48	0.50	0.01	0.03
8.01	0.52	0.48	0.50	0.01	0.03	8.02	0.52	0.48	0.50	0.01	0.03
8.03	0.52	0.48	0.50	0.01	0.03	8.04	0.52	0.48	0.51	0.01	0.03
8.05	0.52	0.48	0.51	0.01	0.03	8.06	0.52	0.48	0.51	0.01	0.03
8.07	0.53	0.47	0.51	0.01	0.03	8.08	0.53	0.47	0.51	0.01	0.03
8.09	0.54	0.46	0.54	0.01	0.03	8.10	0.54	0.46	0.53	0.01	0.03
8.11	0.54	0.46	0.52	0.01	0.03	8.12	0.53	0.47	0.51	0.01	0.03
8.13	0.52	0.48	0.50	0.01	0.03	8.14	0.50	0.50	0.48	0.01	0.03
8.15	0.50	0.50	0.48	0.01	0.03	8.16	0.48	0.52	0.46	0.01	0.03
8.17	0.46	0.54	0.44	0.01	0.03	8.18	0.45	0.55	0.42	0.01	0.03
8.19	0.44	0.56	0.42	0.01	0.03	8.20	0.44	0.56	0.42	0.01	0.03
8.21	0.44	0.56	0.42	0.01	0.03	8.22	0.44	0.56	0.42	0.01	0.03
8.23	0.44	0.56	0.42	0.01	0.03	8.24	0.44	0.56	0.42	0.01	0.03
8.25	0.42	0.58	0.40	0.01	0.03	8.26	0.42	0.58	0.40	0.01	0.03
8.27	0.43	0.57	0.41	0.01	0.03	8.28	0.46	0.54	0.44	0.01	0.03
8.29	0.52	0.48	0.50	0.01	0.03	8.30	0.49	0.51	0.46	0.01	0.03
8.31	0.49	0.51	0.47	0.01	0.03	8.32	0.48	0.52	0.45	0.01	0.03
8.33	0.47	0.53	0.44	0.01	0.03	8.34	0.46	0.54	0.43	0.01	0.03
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00

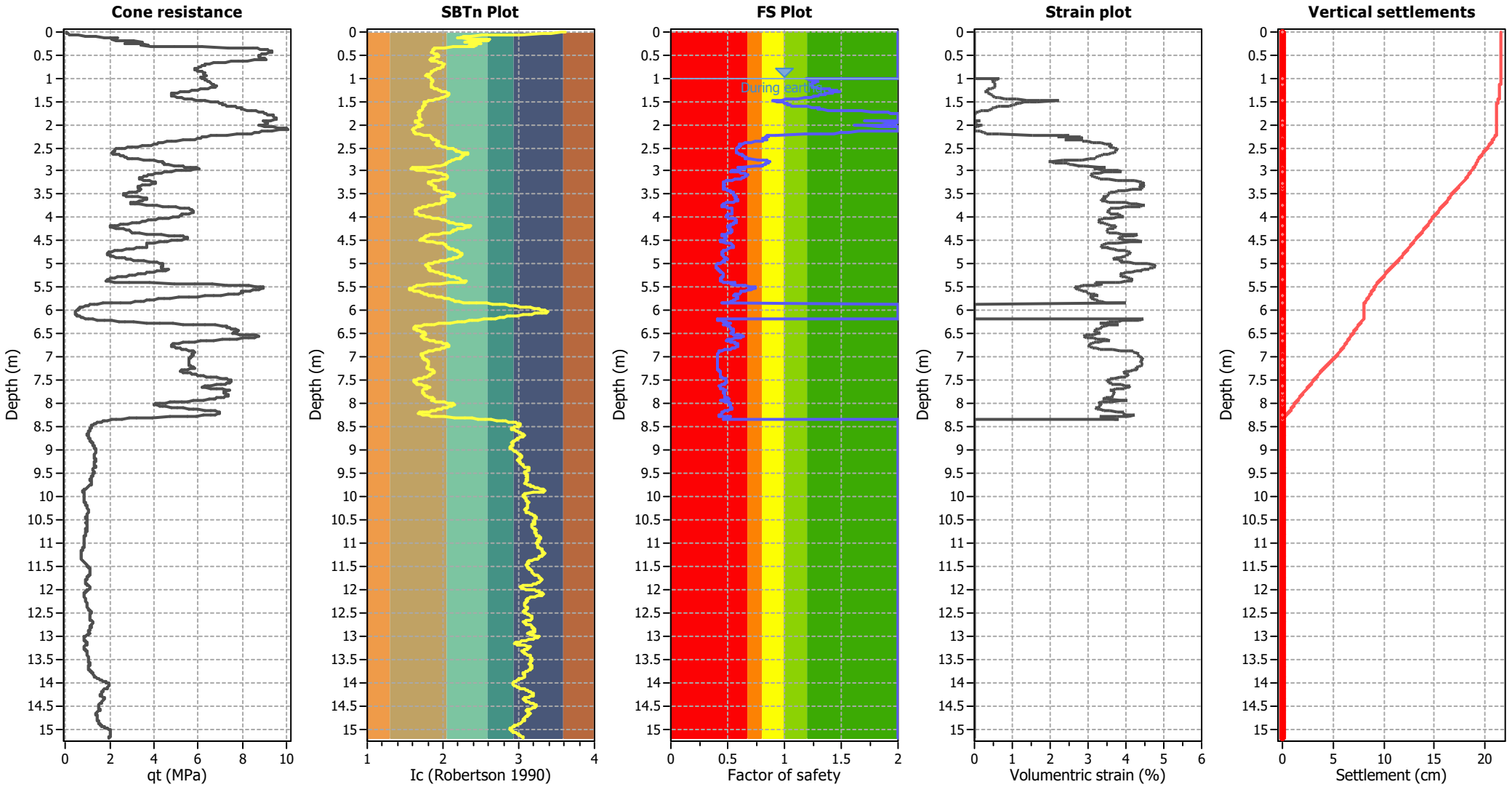
Overall liquefaction potential: 19.95

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	111.86	2.00	0.00	1.00	0.00	1.01	115.54	1.19	0.64	1.00	0.01
1.02	117.10	1.21	0.60	1.00	0.01	1.03	117.95	1.22	0.58	1.00	0.01
1.04	119.28	1.24	0.55	1.00	0.01	1.05	121.14	1.27	0.50	1.00	0.01
1.06	122.32	1.29	0.48	1.00	0.00	1.07	122.56	1.29	0.48	1.00	0.00
1.08	122.41	1.28	0.49	1.00	0.00	1.09	122.06	1.27	0.51	1.00	0.01
1.10	122.18	1.26	0.51	1.00	0.01	1.11	121.96	1.25	0.53	1.00	0.01
1.12	121.95	1.25	0.54	1.00	0.01	1.13	122.01	1.24	0.54	1.00	0.01
1.14	121.90	1.24	0.56	1.00	0.01	1.15	122.78	1.25	0.54	1.00	0.01
1.16	122.86	1.25	0.54	1.00	0.01	1.17	122.94	1.24	0.55	1.00	0.01
1.18	123.28	1.25	0.54	1.00	0.01	1.19	124.07	1.26	0.53	1.00	0.01
1.20	123.93	1.25	0.54	1.00	0.01	1.21	125.55	1.28	0.49	1.00	0.00
1.22	126.88	1.31	0.46	1.00	0.00	1.23	128.50	1.34	0.42	1.00	0.00
1.24	130.76	1.40	0.36	1.00	0.00	1.25	130.84	1.39	0.37	1.00	0.00
1.26	132.92	1.45	0.32	1.00	0.00	1.27	133.46	1.46	0.31	1.00	0.00
1.28	133.74	1.46	0.30	1.00	0.00	1.29	134.73	1.48	0.28	1.00	0.00
1.30	132.78	1.42	0.34	1.00	0.00	1.31	133.07	1.42	0.34	1.00	0.00
1.32	132.62	1.41	0.35	1.00	0.00	1.33	132.08	1.39	0.37	1.00	0.00
1.34	131.10	1.36	0.40	1.00	0.00	1.35	131.15	1.35	0.41	1.00	0.00
1.36	130.06	1.32	0.44	1.00	0.00	1.37	129.69	1.31	0.46	1.00	0.00
1.38	129.26	1.29	0.48	1.00	0.00	1.39	128.22	1.26	0.52	1.00	0.01
1.40	128.69	1.27	0.51	1.00	0.01	1.41	127.42	1.24	0.56	1.00	0.01
1.42	126.28	1.21	0.60	1.00	0.01	1.43	124.89	1.17	0.66	1.00	0.01
1.44	121.87	1.11	0.80	1.00	0.01	1.45	120.45	1.08	0.88	1.00	0.01
1.46	116.80	1.02	1.12	1.00	0.01	1.47	113.86	0.97	1.38	1.00	0.01
1.48	111.23	0.93	1.72	1.00	0.02	1.49	108.68	0.90	2.23	1.00	0.02
1.50	111.96	0.94	1.66	1.00	0.02	1.51	113.62	0.96	1.48	1.00	0.01
1.52	115.60	0.98	1.29	1.00	0.01	1.53	117.11	1.00	1.18	1.00	0.01
1.54	117.95	1.01	1.13	1.00	0.01	1.55	118.79	1.02	1.08	1.00	0.01
1.56	118.62	1.02	1.10	1.00	0.01	1.57	118.79	1.02	1.10	1.00	0.01
1.58	119.80	1.03	1.04	1.00	0.01	1.59	120.64	1.05	0.99	1.00	0.01
1.60	121.98	1.07	0.92	1.00	0.01	1.61	126.34	1.15	0.71	1.00	0.01
1.62	128.85	1.20	0.61	1.00	0.01	1.63	130.87	1.24	0.54	1.00	0.01
1.64	132.38	1.28	0.50	1.00	0.00	1.65	133.55	1.31	0.46	1.00	0.00
1.66	133.38	1.30	0.47	1.00	0.00	1.67	133.55	1.30	0.47	1.00	0.00
1.68	134.72	1.33	0.43	1.00	0.00	1.69	136.74	1.38	0.37	1.00	0.00
1.70	142.27	1.57	0.22	1.00	0.00	1.71	145.29	1.69	0.15	1.00	0.00
1.72	147.14	1.76	0.11	1.00	0.00	1.73	149.49	1.87	0.05	1.00	0.00
1.74	150.33	1.91	0.04	1.00	0.00	1.75	150.83	1.94	0.03	1.00	0.00
1.76	151.17	1.95	0.02	1.00	0.00	1.77	152.51	2.00	0.00	1.00	0.00
1.78	153.68	2.00	0.00	1.00	0.00	1.79	154.86	2.00	0.00	1.00	0.00
1.80	156.20	2.00	0.00	1.00	0.00	1.81	157.88	2.00	0.00	1.00	0.00
1.82	157.88	2.00	0.00	1.00	0.00	1.83	157.88	2.00	0.00	1.00	0.00
1.84	158.05	2.00	0.00	1.00	0.00	1.85	158.72	2.00	0.00	1.00	0.00
1.86	159.39	2.00	0.00	1.00	0.00	1.87	160.39	2.00	0.00	1.00	0.00
1.88	160.27	2.00	0.00	1.00	0.00	1.89	159.22	2.00	0.00	1.00	0.00
1.90	159.08	2.00	0.00	1.00	0.00	1.91	158.94	2.00	0.00	1.00	0.00
1.92	147.31	1.70	0.14	1.00	0.00	1.93	150.16	1.84	0.07	1.00	0.00
1.94	152.84	1.98	0.01	1.00	0.00	1.95	153.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	153.52	2.00	0.00	1.00	0.00	1.97	152.84	1.97	0.01	1.00	0.00
1.98	153.01	1.97	0.01	1.00	0.00	1.99	151.84	1.90	0.04	1.00	0.00
2.00	150.66	1.84	0.07	1.00	0.00	2.01	146.47	1.64	0.18	1.00	0.00
2.02	145.80	1.61	0.19	1.00	0.00	2.03	147.81	1.70	0.14	1.00	0.00
2.04	150.67	1.83	0.07	1.00	0.00	2.05	153.14	1.96	0.02	1.00	0.00
2.06	155.08	2.00	0.00	1.00	0.00	2.07	158.95	2.00	0.00	1.00	0.00
2.08	161.25	2.00	0.00	1.00	0.00	2.09	162.51	2.00	0.00	1.00	0.00
2.10	163.57	2.00	0.00	1.00	0.00	2.11	162.69	2.00	0.00	1.00	0.00
2.12	158.14	2.00	0.00	1.00	0.00	2.13	154.28	2.00	0.00	1.00	0.00
2.14	150.79	1.81	0.08	1.00	0.00	2.15	147.66	1.66	0.17	1.00	0.00
2.16	145.45	1.56	0.23	1.00	0.00	2.17	143.88	1.50	0.27	1.00	0.00
2.18	143.49	1.49	0.29	1.00	0.00	2.19	142.19	1.44	0.33	1.00	0.00
2.20	138.58	1.32	0.44	1.00	0.00	2.21	133.21	1.17	0.65	1.00	0.01
2.22	120.30	0.93	1.53	1.00	0.02	2.23	115.41	0.86	2.35	1.00	0.02
2.24	114.94	0.85	2.49	1.00	0.02	2.25	116.24	0.87	2.19	1.00	0.02
2.26	116.14	0.86	2.23	1.00	0.02	2.27	115.47	0.85	2.40	1.00	0.02
2.28	113.83	0.83	2.81	1.00	0.03	2.29	112.80	0.82	2.84	1.00	0.03
2.30	112.21	0.81	2.85	1.00	0.03	2.31	112.61	0.81	2.84	1.00	0.03
2.32	113.27	0.82	2.82	1.00	0.03	2.33	115.92	0.85	2.38	1.00	0.02
2.34	112.25	0.81	2.85	1.00	0.03	2.35	112.51	0.81	2.84	1.00	0.03
2.36	109.41	0.77	2.93	1.00	0.03	2.37	106.27	0.74	3.02	1.00	0.03
2.38	103.02	0.71	3.12	1.00	0.03	2.39	99.48	0.68	3.23	1.00	0.03
2.40	95.75	0.65	3.36	1.00	0.03	2.41	92.66	0.63	3.47	1.00	0.03
2.42	90.23	0.61	3.56	1.00	0.04	2.43	88.97	0.60	3.61	1.00	0.04
2.44	88.54	0.60	3.63	1.00	0.04	2.45	89.31	0.60	3.60	1.00	0.04
2.46	91.05	0.61	3.53	1.00	0.04	2.47	88.97	0.60	3.61	1.00	0.04
2.48	89.47	0.60	3.59	1.00	0.04	2.49	88.23	0.59	3.64	1.00	0.04
2.50	86.80	0.58	3.70	1.00	0.04	2.51	86.20	0.58	3.73	1.00	0.04
2.52	86.36	0.58	3.72	1.00	0.04	2.53	85.13	0.57	3.77	1.00	0.04
2.54	85.28	0.57	3.77	1.00	0.04	2.55	85.45	0.57	3.76	1.00	0.04
2.56	85.91	0.57	3.74	1.00	0.04	2.57	86.12	0.57	3.73	1.00	0.04
2.58	86.66	0.58	3.71	1.00	0.04	2.59	85.91	0.57	3.74	1.00	0.04
2.60	86.84	0.58	3.70	1.00	0.04	2.61	87.81	0.58	3.66	1.00	0.04
2.62	89.31	0.59	3.60	1.00	0.04	2.63	91.16	0.60	3.53	1.00	0.04
2.64	92.63	0.61	3.47	1.00	0.03	2.65	95.36	0.63	3.37	1.00	0.03
2.66	96.10	0.63	3.35	1.00	0.03	2.67	97.08	0.64	3.31	1.00	0.03
2.68	97.85	0.64	3.28	1.00	0.03	2.69	99.15	0.65	3.24	1.00	0.03
2.70	100.40	0.66	3.20	1.00	0.03	2.71	100.44	0.66	3.20	1.00	0.03
2.72	100.46	0.66	3.20	1.00	0.03	2.73	101.56	0.67	3.16	1.00	0.03
2.74	103.58	0.68	3.10	1.00	0.03	2.75	105.02	0.70	3.06	1.00	0.03
2.76	112.45	0.77	2.84	1.00	0.03	2.77	115.90	0.81	2.76	1.00	0.03
2.78	118.47	0.84	2.35	1.00	0.02	2.79	120.01	0.86	2.03	1.00	0.02
2.80	120.50	0.87	1.96	1.00	0.02	2.81	120.05	0.86	2.04	1.00	0.02
2.82	119.62	0.85	2.13	1.00	0.02	2.83	118.71	0.84	2.34	1.00	0.02
2.84	118.24	0.83	2.46	1.00	0.02	2.85	118.10	0.83	2.51	1.00	0.03
2.86	117.99	0.83	2.55	1.00	0.03	2.87	117.87	0.83	2.59	1.00	0.03
2.88	114.73	0.79	2.79	1.00	0.03	2.89	116.42	0.81	2.74	1.00	0.03
2.90	110.70	0.74	2.89	1.00	0.03	2.91	96.25	0.62	3.34	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	92.78	0.59	3.47	1.00	0.03	2.93	101.17	0.65	3.18	1.00	0.03
2.94	102.01	0.66	3.15	1.00	0.03	2.95	101.67	0.66	3.16	1.00	0.03
2.96	97.98	0.63	3.28	1.00	0.03	2.97	95.13	0.61	3.38	1.00	0.03
2.98	91.61	0.58	3.51	1.00	0.04	2.99	87.92	0.56	3.66	1.00	0.04
3.00	84.75	0.54	3.79	1.00	0.04	3.01	82.27	0.53	3.90	1.00	0.04
3.02	87.68	0.56	3.67	1.00	0.04	3.03	94.01	0.60	3.42	1.00	0.03
3.04	97.69	0.62	3.29	1.00	0.03	3.05	101.45	0.65	3.17	1.00	0.03
3.06	102.49	0.66	3.13	1.00	0.03	3.07	104.43	0.67	3.07	1.00	0.03
3.08	104.75	0.67	3.06	1.00	0.03	3.09	104.44	0.67	3.07	1.00	0.03
3.10	104.06	0.67	3.08	1.00	0.03	3.11	103.56	0.66	3.10	1.00	0.03
3.12	102.10	0.65	3.15	1.00	0.03	3.13	101.19	0.64	3.17	1.00	0.03
3.14	99.96	0.63	3.21	1.00	0.03	3.15	98.51	0.62	3.26	1.00	0.03
3.16	97.16	0.61	3.31	1.00	0.03	3.17	94.28	0.59	3.41	1.00	0.03
3.18	90.82	0.57	3.54	1.00	0.04	3.19	85.41	0.54	3.76	1.00	0.04
3.20	81.47	0.52	3.94	1.00	0.04	3.21	78.03	0.50	4.11	1.00	0.04
3.22	75.59	0.49	4.23	1.00	0.04	3.23	73.07	0.47	4.37	1.00	0.04
3.24	72.90	0.47	4.38	1.00	0.04	3.25	71.91	0.47	4.44	1.00	0.04
3.26	71.17	0.46	4.48	1.00	0.04	3.27	70.95	0.46	4.49	1.00	0.04
3.28	72.28	0.47	4.41	1.00	0.04	3.29	72.02	0.47	4.43	1.00	0.04
3.30	73.54	0.47	4.34	1.00	0.04	3.31	72.05	0.46	4.43	1.00	0.04
3.32	71.09	0.46	4.48	1.00	0.04	3.33	71.97	0.46	4.43	1.00	0.04
3.34	72.97	0.47	4.38	1.00	0.04	3.35	73.20	0.47	4.36	1.00	0.04
3.36	72.88	0.47	4.38	1.00	0.04	3.37	72.38	0.46	4.41	1.00	0.04
3.38	72.32	0.46	4.41	1.00	0.04	3.39	73.64	0.47	4.34	1.00	0.04
3.40	76.82	0.48	4.17	1.00	0.04	3.41	79.92	0.50	4.01	1.00	0.04
3.42	83.49	0.52	3.85	1.00	0.04	3.43	85.01	0.52	3.78	1.00	0.04
3.44	86.30	0.53	3.72	1.00	0.04	3.45	88.47	0.54	3.63	1.00	0.04
3.46	88.89	0.54	3.62	1.00	0.04	3.47	90.28	0.55	3.56	1.00	0.04
3.48	90.54	0.55	3.55	1.00	0.04	3.49	90.73	0.55	3.54	1.00	0.04
3.50	90.71	0.55	3.54	1.00	0.04	3.51	90.94	0.55	3.54	1.00	0.04
3.52	91.37	0.56	3.52	1.00	0.04	3.53	91.72	0.56	3.51	1.00	0.04
3.54	92.28	0.56	3.48	1.00	0.03	3.55	91.92	0.56	3.50	1.00	0.03
3.56	94.73	0.58	3.39	1.00	0.03	3.57	93.31	0.57	3.45	1.00	0.03
3.58	93.17	0.57	3.45	1.00	0.03	3.59	93.01	0.56	3.46	1.00	0.03
3.60	94.45	0.57	3.40	1.00	0.03	3.61	95.71	0.58	3.36	1.00	0.03
3.62	96.54	0.59	3.33	1.00	0.03	3.63	96.34	0.59	3.34	1.00	0.03
3.64	95.19	0.58	3.38	1.00	0.03	3.65	93.27	0.56	3.45	1.00	0.03
3.66	90.92	0.55	3.54	1.00	0.04	3.67	85.93	0.52	3.74	1.00	0.04
3.68	82.65	0.50	3.88	1.00	0.04	3.69	80.16	0.49	4.00	1.00	0.04
3.70	78.21	0.48	4.10	1.00	0.04	3.71	75.11	0.46	4.26	1.00	0.04
3.72	74.63	0.46	4.28	1.00	0.04	3.73	71.44	0.45	4.46	1.00	0.04
3.74	70.75	0.44	4.50	1.00	0.05	3.75	71.81	0.45	4.44	1.00	0.04
3.76	72.99	0.45	4.37	1.00	0.04	3.77	78.11	0.48	4.10	1.00	0.04
3.78	80.79	0.49	3.97	1.00	0.04	3.79	83.87	0.50	3.83	1.00	0.04
3.80	86.92	0.52	3.70	1.00	0.04	3.81	89.81	0.54	3.58	1.00	0.04
3.82	90.15	0.54	3.57	1.00	0.04	3.83	90.35	0.54	3.56	1.00	0.04
3.84	90.68	0.54	3.55	1.00	0.04	3.85	91.02	0.54	3.53	1.00	0.04
3.86	91.62	0.54	3.51	1.00	0.04	3.87	91.55	0.54	3.51	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	90.95	0.54	3.54	1.00	0.04	3.89	90.35	0.54	3.56	1.00	0.04
3.90	90.28	0.54	3.56	1.00	0.04	3.91	90.22	0.53	3.56	1.00	0.04
3.92	84.53	0.50	3.80	1.00	0.04	3.93	84.87	0.50	3.79	1.00	0.04
3.94	84.14	0.50	3.82	1.00	0.04	3.95	83.67	0.50	3.84	1.00	0.04
3.96	83.61	0.50	3.84	1.00	0.04	3.97	82.73	0.49	3.88	1.00	0.04
3.98	81.88	0.49	3.92	1.00	0.04	3.99	82.19	0.49	3.91	1.00	0.04
4.00	84.86	0.50	3.79	1.00	0.04	4.01	88.14	0.52	3.65	1.00	0.04
4.02	91.41	0.54	3.52	1.00	0.04	4.03	94.78	0.56	3.39	1.00	0.03
4.04	96.30	0.57	3.34	1.00	0.03	4.05	98.10	0.58	3.28	1.00	0.03
4.06	97.27	0.57	3.30	1.00	0.03	4.07	98.31	0.58	3.27	1.00	0.03
4.08	97.98	0.58	3.28	1.00	0.03	4.09	97.76	0.58	3.29	1.00	0.03
4.10	97.38	0.57	3.30	1.00	0.03	4.11	97.47	0.57	3.30	1.00	0.03
4.12	94.03	0.55	3.42	1.00	0.03	4.13	93.39	0.55	3.44	1.00	0.03
4.14	92.28	0.54	3.48	1.00	0.03	4.15	90.93	0.53	3.54	1.00	0.04
4.16	89.51	0.52	3.59	1.00	0.04	4.17	88.33	0.52	3.64	1.00	0.04
4.18	87.23	0.51	3.69	1.00	0.04	4.19	85.92	0.50	3.74	1.00	0.04
4.20	86.04	0.50	3.73	1.00	0.04	4.21	86.12	0.50	3.73	1.00	0.04
4.22	86.68	0.51	3.71	1.00	0.04	4.23	87.00	0.51	3.69	1.00	0.04
4.24	90.24	0.52	3.56	1.00	0.04	4.25	91.12	0.53	3.53	1.00	0.04
4.26	92.01	0.53	3.50	1.00	0.03	4.27	92.03	0.53	3.49	1.00	0.03
4.28	91.71	0.53	3.51	1.00	0.04	4.29	92.06	0.53	3.49	1.00	0.03
4.30	92.05	0.53	3.49	1.00	0.03	4.31	91.88	0.53	3.50	1.00	0.03
4.32	90.82	0.53	3.54	1.00	0.04	4.33	89.32	0.52	3.60	1.00	0.04
4.34	85.25	0.49	3.77	1.00	0.04	4.35	82.96	0.48	3.87	1.00	0.04
4.36	76.46	0.45	4.19	1.00	0.04	4.37	74.49	0.44	4.29	1.00	0.04
4.38	75.26	0.45	4.25	1.00	0.04	4.39	77.36	0.46	4.14	1.00	0.04
4.40	80.99	0.47	3.96	1.00	0.04	4.41	81.97	0.48	3.92	1.00	0.04
4.42	82.68	0.48	3.88	1.00	0.04	4.43	83.52	0.48	3.85	1.00	0.04
4.44	84.10	0.49	3.82	1.00	0.04	4.45	84.43	0.49	3.80	1.00	0.04
4.46	83.58	0.48	3.84	1.00	0.04	4.47	82.61	0.48	3.89	1.00	0.04
4.48	81.11	0.47	3.96	1.00	0.04	4.49	77.07	0.45	4.15	1.00	0.04
4.50	74.63	0.44	4.28	1.00	0.04	4.51	72.28	0.43	4.41	1.00	0.04
4.52	73.11	0.43	4.37	1.00	0.04	4.53	77.95	0.45	4.11	1.00	0.04
4.54	85.38	0.49	3.76	1.00	0.04	4.55	88.51	0.51	3.63	1.00	0.04
4.56	92.14	0.53	3.49	1.00	0.03	4.57	93.45	0.53	3.44	1.00	0.03
4.58	94.47	0.54	3.40	1.00	0.03	4.59	95.14	0.54	3.38	1.00	0.03
4.60	96.10	0.55	3.35	1.00	0.03	4.61	96.30	0.55	3.34	1.00	0.03
4.62	96.46	0.55	3.33	1.00	0.03	4.63	96.19	0.55	3.34	1.00	0.03
4.64	95.59	0.55	3.36	1.00	0.03	4.65	91.25	0.52	3.52	1.00	0.04
4.66	92.12	0.52	3.49	1.00	0.03	4.67	88.58	0.50	3.63	1.00	0.04
4.68	87.79	0.50	3.66	1.00	0.04	4.69	87.08	0.50	3.69	1.00	0.04
4.70	85.48	0.49	3.76	1.00	0.04	4.71	84.04	0.48	3.82	1.00	0.04
4.72	80.37	0.46	3.99	1.00	0.04	4.73	79.50	0.46	4.03	1.00	0.04
4.74	78.50	0.45	4.08	1.00	0.04	4.75	78.04	0.45	4.11	1.00	0.04
4.76	77.97	0.45	4.11	1.00	0.04	4.77	77.96	0.45	4.11	1.00	0.04
4.78	78.61	0.45	4.08	1.00	0.04	4.79	78.98	0.45	4.06	1.00	0.04
4.80	79.64	0.46	4.03	1.00	0.04	4.81	79.86	0.46	4.02	1.00	0.04
4.82	80.40	0.46	3.99	1.00	0.04	4.83	80.78	0.46	3.97	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	81.30	0.46	3.95	1.00	0.04	4.85	83.39	0.47	3.85	1.00	0.04
4.86	84.21	0.48	3.81	1.00	0.04	4.87	85.21	0.48	3.77	1.00	0.04
4.88	86.55	0.49	3.71	1.00	0.04	4.89	88.04	0.50	3.65	1.00	0.04
4.90	87.44	0.49	3.68	1.00	0.04	4.91	84.71	0.48	3.79	1.00	0.04
4.92	84.64	0.48	3.80	1.00	0.04	4.93	82.61	0.47	3.89	1.00	0.04
4.94	81.75	0.46	3.93	1.00	0.04	4.95	83.09	0.47	3.86	1.00	0.04
4.96	80.33	0.46	3.99	1.00	0.04	4.97	78.58	0.45	4.08	1.00	0.04
4.98	75.95	0.44	4.21	1.00	0.04	4.99	72.98	0.43	4.37	1.00	0.04
5.00	69.28	0.41	4.59	1.00	0.05	5.01	67.24	0.40	4.72	1.00	0.05
5.02	66.73	0.40	4.75	1.00	0.05	5.03	66.46	0.40	4.77	1.00	0.05
5.04	66.45	0.40	4.77	1.00	0.05	5.05	66.32	0.40	4.78	1.00	0.05
5.06	66.49	0.40	4.77	1.00	0.05	5.07	66.99	0.40	4.74	1.00	0.05
5.08	67.63	0.40	4.70	1.00	0.05	5.09	68.76	0.41	4.62	1.00	0.05
5.10	69.21	0.41	4.60	1.00	0.05	5.11	70.68	0.41	4.51	1.00	0.05
5.12	71.12	0.42	4.48	1.00	0.04	5.13	71.43	0.42	4.46	1.00	0.04
5.14	72.66	0.42	4.39	1.00	0.04	5.15	72.44	0.42	4.41	1.00	0.04
5.16	75.20	0.43	4.25	1.00	0.04	5.17	77.23	0.44	4.15	1.00	0.04
5.18	79.13	0.45	4.05	1.00	0.04	5.19	80.46	0.45	3.99	1.00	0.04
5.20	81.79	0.46	3.92	1.00	0.04	5.21	83.09	0.47	3.86	1.00	0.04
5.22	82.51	0.46	3.89	1.00	0.04	5.23	83.38	0.47	3.85	1.00	0.04
5.24	83.55	0.47	3.84	1.00	0.04	5.25	83.56	0.47	3.84	1.00	0.04
5.26	82.87	0.46	3.87	1.00	0.04	5.27	82.48	0.46	3.89	1.00	0.04
5.28	79.98	0.45	4.01	1.00	0.04	5.29	79.63	0.45	4.03	1.00	0.04
5.30	79.00	0.45	4.06	1.00	0.04	5.31	77.92	0.44	4.11	1.00	0.04
5.32	77.14	0.44	4.15	1.00	0.04	5.33	76.64	0.44	4.18	1.00	0.04
5.34	76.85	0.44	4.17	1.00	0.04	5.35	77.26	0.44	4.15	1.00	0.04
5.36	77.41	0.44	4.14	1.00	0.04	5.37	78.08	0.44	4.10	1.00	0.04
5.38	80.07	0.45	4.01	1.00	0.04	5.39	83.88	0.47	3.83	1.00	0.04
5.40	86.20	0.48	3.73	1.00	0.04	5.41	100.35	0.56	3.20	1.00	0.03
5.42	100.82	0.56	3.19	1.00	0.03	5.43	96.91	0.54	3.32	1.00	0.03
5.44	94.66	0.52	3.40	1.00	0.03	5.45	100.32	0.56	3.20	1.00	0.03
5.46	109.00	0.63	2.94	1.00	0.03	5.47	112.23	0.66	2.85	1.00	0.03
5.48	115.57	0.69	2.76	1.00	0.03	5.49	119.58	0.74	2.66	1.00	0.03
5.50	119.51	0.74	2.67	1.00	0.03	5.51	119.44	0.74	2.67	1.00	0.03
5.52	119.25	0.74	2.67	1.00	0.03	5.53	118.83	0.73	2.68	1.00	0.03
5.54	117.01	0.71	2.73	1.00	0.03	5.55	115.54	0.69	2.76	1.00	0.03
5.56	113.83	0.67	2.81	1.00	0.03	5.57	111.88	0.65	2.86	1.00	0.03
5.58	110.17	0.64	2.91	1.00	0.03	5.59	107.74	0.62	2.98	1.00	0.03
5.60	107.55	0.61	2.98	1.00	0.03	5.61	107.95	0.62	2.97	1.00	0.03
5.62	108.24	0.62	2.96	1.00	0.03	5.63	107.10	0.61	2.99	1.00	0.03
5.64	105.62	0.60	3.04	1.00	0.03	5.65	103.21	0.58	3.11	1.00	0.03
5.66	100.94	0.56	3.18	1.00	0.03	5.67	100.02	0.56	3.21	1.00	0.03
5.68	98.87	0.55	3.25	1.00	0.03	5.69	101.35	0.56	3.17	1.00	0.03
5.70	102.70	0.57	3.13	1.00	0.03	5.71	105.25	0.59	3.05	1.00	0.03
5.72	103.11	0.58	3.11	1.00	0.03	5.73	104.55	0.59	3.07	1.00	0.03
5.74	103.90	0.58	3.09	1.00	0.03	5.75	103.37	0.58	3.11	1.00	0.03
5.76	100.57	0.56	3.19	1.00	0.03	5.77	100.03	0.55	3.21	1.00	0.03
5.78	99.08	0.55	3.24	1.00	0.03	5.79	98.11	0.54	3.28	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	96.85	0.53	3.32	1.00	0.03	5.81	95.65	0.53	3.36	1.00	0.03
5.82	93.29	0.51	3.45	1.00	0.03	5.83	91.16	0.50	3.53	1.00	0.04
5.84	82.93	0.46	3.87	1.00	0.04	5.85	80.24	0.45	4.00	1.00	0.04
5.86	19.78	2.00	0.00	1.00	0.00	5.87	17.34	2.00	0.00	1.00	0.00
5.88	15.44	2.00	0.00	1.00	0.00	5.89	13.39	2.00	0.00	1.00	0.00
5.90	13.38	2.00	0.00	1.00	0.00	5.91	13.36	2.00	0.00	1.00	0.00
5.92	10.23	2.00	0.00	1.00	0.00	5.93	9.81	2.00	0.00	1.00	0.00
5.94	9.25	2.00	0.00	1.00	0.00	5.95	8.70	2.00	0.00	1.00	0.00
5.96	8.28	2.00	0.00	1.00	0.00	5.97	8.14	2.00	0.00	1.00	0.00
5.98	7.85	2.00	0.00	1.00	0.00	5.99	7.16	2.00	0.00	1.00	0.00
6.00	6.88	2.00	0.00	1.00	0.00	6.01	6.18	2.00	0.00	1.00	0.00
6.02	6.04	2.00	0.00	1.00	0.00	6.03	5.90	2.00	0.00	1.00	0.00
6.04	5.76	2.00	0.00	1.00	0.00	6.05	5.75	2.00	0.00	1.00	0.00
6.06	5.75	2.00	0.00	1.00	0.00	6.07	5.88	2.00	0.00	1.00	0.00
6.08	6.02	2.00	0.00	1.00	0.00	6.09	6.15	2.00	0.00	1.00	0.00
6.10	6.15	2.00	0.00	1.00	0.00	6.11	7.38	2.00	0.00	1.00	0.00
6.12	8.21	2.00	0.00	1.00	0.00	6.13	8.89	2.00	0.00	1.00	0.00
6.14	9.57	2.00	0.00	1.00	0.00	6.15	9.70	2.00	0.00	1.00	0.00
6.16	10.11	2.00	0.00	1.00	0.00	6.17	12.27	2.00	0.00	1.00	0.00
6.18	13.88	2.00	0.00	1.00	0.00	6.19	71.17	0.41	4.48	1.00	0.04
6.20	73.65	0.41	4.34	1.00	0.04	6.21	76.26	0.42	4.20	1.00	0.04
6.22	82.40	0.45	3.90	1.00	0.04	6.23	84.64	0.46	3.80	1.00	0.04
6.24	87.45	0.47	3.68	1.00	0.04	6.25	90.72	0.49	3.54	1.00	0.04
6.26	91.42	0.50	3.52	1.00	0.04	6.27	96.85	0.53	3.32	1.00	0.03
6.28	93.08	0.50	3.45	1.00	0.03	6.29	89.75	0.49	3.58	1.00	0.04
6.30	86.18	0.47	3.73	1.00	0.04	6.31	84.33	0.46	3.81	1.00	0.04
6.32	90.68	0.49	3.55	1.00	0.04	6.33	93.21	0.51	3.45	1.00	0.03
6.34	94.67	0.51	3.40	1.00	0.03	6.35	95.38	0.52	3.37	1.00	0.03
6.36	95.79	0.52	3.36	1.00	0.03	6.37	95.85	0.52	3.35	1.00	0.03
6.38	96.37	0.52	3.34	1.00	0.03	6.39	97.23	0.53	3.31	1.00	0.03
6.40	98.09	0.53	3.28	1.00	0.03	6.41	100.09	0.55	3.21	1.00	0.03
6.42	100.83	0.55	3.19	1.00	0.03	6.43	101.22	0.55	3.17	1.00	0.03
6.44	101.39	0.56	3.17	1.00	0.03	6.45	100.19	0.55	3.21	1.00	0.03
6.46	99.22	0.54	3.24	1.00	0.03	6.47	98.25	0.53	3.27	1.00	0.03
6.48	97.45	0.53	3.30	1.00	0.03	6.49	97.42	0.53	3.30	1.00	0.03
6.50	99.41	0.54	3.23	1.00	0.03	6.51	101.37	0.56	3.17	1.00	0.03
6.52	104.03	0.57	3.09	1.00	0.03	6.53	107.04	0.60	3.00	1.00	0.03
6.54	109.25	0.62	2.93	1.00	0.03	6.55	111.34	0.64	2.87	1.00	0.03
6.56	111.05	0.63	2.88	1.00	0.03	6.57	110.30	0.63	2.90	1.00	0.03
6.58	108.76	0.61	2.95	1.00	0.03	6.59	105.63	0.59	3.04	1.00	0.03
6.60	102.43	0.56	3.14	1.00	0.03	6.61	99.10	0.54	3.24	1.00	0.03
6.62	95.71	0.52	3.36	1.00	0.03	6.63	93.20	0.50	3.45	1.00	0.03
6.64	90.10	0.49	3.57	1.00	0.04	6.65	92.87	0.50	3.46	1.00	0.03
6.66	94.76	0.51	3.39	1.00	0.03	6.67	97.49	0.53	3.30	1.00	0.03
6.68	99.46	0.54	3.23	1.00	0.03	6.69	102.21	0.56	3.14	1.00	0.03
6.70	102.48	0.56	3.13	1.00	0.03	6.71	104.66	0.58	3.07	1.00	0.03
6.72	105.35	0.58	3.05	1.00	0.03	6.73	105.65	0.59	3.04	1.00	0.03
6.74	106.15	0.59	3.02	1.00	0.03	6.75	106.24	0.59	3.02	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	106.18	0.59	3.02	1.00	0.03	6.77	105.54	0.58	3.04	1.00	0.03
6.78	105.39	0.58	3.04	1.00	0.03	6.79	103.99	0.57	3.09	1.00	0.03
6.80	102.72	0.56	3.13	1.00	0.03	6.81	101.15	0.55	3.18	1.00	0.03
6.82	99.52	0.54	3.23	1.00	0.03	6.83	97.33	0.53	3.30	1.00	0.03
6.84	93.73	0.51	3.43	1.00	0.03	6.85	88.25	0.48	3.64	1.00	0.04
6.86	83.64	0.45	3.84	1.00	0.04	6.87	78.41	0.43	4.09	1.00	0.04
6.88	76.59	0.42	4.18	1.00	0.04	6.89	76.39	0.42	4.19	1.00	0.04
6.90	76.08	0.42	4.21	1.00	0.04	6.91	75.55	0.42	4.23	1.00	0.04
6.92	73.49	0.41	4.35	1.00	0.04	6.93	74.15	0.41	4.31	1.00	0.04
6.94	73.76	0.41	4.33	1.00	0.04	6.95	74.19	0.41	4.31	1.00	0.04
6.96	74.27	0.41	4.30	1.00	0.04	6.97	73.99	0.41	4.32	1.00	0.04
6.98	73.36	0.41	4.35	1.00	0.04	6.99	72.85	0.41	4.38	1.00	0.04
7.00	72.58	0.41	4.40	1.00	0.04	7.01	72.42	0.41	4.41	1.00	0.04
7.02	72.38	0.41	4.41	1.00	0.04	7.03	72.10	0.41	4.42	1.00	0.04
7.04	71.83	0.40	4.44	1.00	0.04	7.05	71.67	0.40	4.45	1.00	0.04
7.06	71.91	0.40	4.44	1.00	0.04	7.07	72.08	0.41	4.43	1.00	0.04
7.08	72.67	0.41	4.39	1.00	0.04	7.09	72.74	0.41	4.39	1.00	0.04
7.10	72.89	0.41	4.38	1.00	0.04	7.11	72.55	0.41	4.40	1.00	0.04
7.12	72.20	0.41	4.42	1.00	0.04	7.13	72.35	0.41	4.41	1.00	0.04
7.14	72.24	0.41	4.42	1.00	0.04	7.15	72.47	0.41	4.40	1.00	0.04
7.16	72.29	0.41	4.41	1.00	0.04	7.17	72.24	0.41	4.42	1.00	0.04
7.18	72.19	0.41	4.42	1.00	0.04	7.19	72.74	0.41	4.39	1.00	0.04
7.20	73.21	0.41	4.36	1.00	0.04	7.21	73.85	0.41	4.33	1.00	0.04
7.22	74.87	0.42	4.27	1.00	0.04	7.23	74.82	0.42	4.27	1.00	0.04
7.24	74.59	0.41	4.29	1.00	0.04	7.25	74.49	0.41	4.29	1.00	0.04
7.26	74.32	0.41	4.30	1.00	0.04	7.27	74.83	0.42	4.27	1.00	0.04
7.28	74.82	0.42	4.27	1.00	0.04	7.29	76.35	0.42	4.19	1.00	0.04
7.30	78.18	0.43	4.10	1.00	0.04	7.31	79.57	0.43	4.03	1.00	0.04
7.32	80.24	0.44	4.00	1.00	0.04	7.33	81.44	0.44	3.94	1.00	0.04
7.34	81.29	0.44	3.95	1.00	0.04	7.35	80.92	0.44	3.97	1.00	0.04
7.36	80.21	0.44	4.00	1.00	0.04	7.37	79.53	0.43	4.03	1.00	0.04
7.38	78.72	0.43	4.07	1.00	0.04	7.39	79.15	0.43	4.05	1.00	0.04
7.40	79.40	0.43	4.04	1.00	0.04	7.41	79.91	0.44	4.01	1.00	0.04
7.42	80.28	0.44	4.00	1.00	0.04	7.43	81.73	0.44	3.93	1.00	0.04
7.44	83.56	0.45	3.84	1.00	0.04	7.45	87.02	0.47	3.69	1.00	0.04
7.46	89.01	0.48	3.61	1.00	0.04	7.47	89.64	0.48	3.59	1.00	0.04
7.48	89.81	0.48	3.58	1.00	0.04	7.49	90.33	0.48	3.56	1.00	0.04
7.50	91.63	0.49	3.51	1.00	0.04	7.51	91.59	0.49	3.51	1.00	0.04
7.52	91.54	0.49	3.51	1.00	0.04	7.53	91.16	0.49	3.53	1.00	0.04
7.54	90.89	0.49	3.54	1.00	0.04	7.55	91.07	0.49	3.53	1.00	0.04
7.56	89.34	0.48	3.60	1.00	0.04	7.57	88.84	0.48	3.62	1.00	0.04
7.58	88.46	0.47	3.63	1.00	0.04	7.59	87.29	0.47	3.68	1.00	0.04
7.60	82.62	0.45	3.89	1.00	0.04	7.61	80.65	0.44	3.98	1.00	0.04
7.62	79.10	0.43	4.05	1.00	0.04	7.63	78.18	0.43	4.10	1.00	0.04
7.64	78.88	0.43	4.06	1.00	0.04	7.65	78.67	0.43	4.07	1.00	0.04
7.66	80.34	0.44	3.99	1.00	0.04	7.67	80.75	0.44	3.97	1.00	0.04
7.68	83.32	0.45	3.85	1.00	0.04	7.69	86.36	0.46	3.72	1.00	0.04
7.70	88.44	0.47	3.64	1.00	0.04	7.71	89.85	0.48	3.58	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	90.24	0.48	3.56	1.00	0.04	7.73	89.08	0.48	3.61	1.00	0.04
7.74	87.24	0.47	3.68	1.00	0.04	7.75	86.86	0.47	3.70	1.00	0.04
7.76	86.70	0.47	3.71	1.00	0.04	7.77	86.65	0.47	3.71	1.00	0.04
7.78	86.94	0.47	3.70	1.00	0.04	7.79	87.23	0.47	3.69	1.00	0.04
7.80	87.96	0.47	3.65	1.00	0.04	7.81	88.25	0.47	3.64	1.00	0.04
7.82	88.42	0.47	3.64	1.00	0.04	7.83	88.17	0.47	3.65	1.00	0.04
7.84	87.88	0.47	3.66	1.00	0.04	7.85	87.80	0.47	3.66	1.00	0.04
7.86	88.85	0.48	3.62	1.00	0.04	7.87	89.81	0.48	3.58	1.00	0.04
7.88	93.22	0.50	3.45	1.00	0.03	7.89	93.98	0.50	3.42	1.00	0.03
7.90	95.50	0.51	3.37	1.00	0.03	7.91	92.12	0.49	3.49	1.00	0.03
7.92	82.38	0.45	3.90	1.00	0.04	7.93	79.50	0.43	4.03	1.00	0.04
7.94	82.81	0.45	3.88	1.00	0.04	7.95	88.67	0.48	3.63	1.00	0.04
7.96	91.12	0.49	3.53	1.00	0.04	7.97	95.09	0.51	3.38	1.00	0.03
7.98	96.35	0.52	3.34	1.00	0.03	7.99	97.84	0.53	3.29	1.00	0.03
8.00	96.80	0.52	3.32	1.00	0.03	8.01	96.22	0.52	3.34	1.00	0.03
8.02	96.34	0.52	3.34	1.00	0.03	8.03	95.91	0.52	3.35	1.00	0.03
8.04	97.20	0.52	3.31	1.00	0.03	8.05	97.36	0.52	3.30	1.00	0.03
8.06	97.34	0.52	3.30	1.00	0.03	8.07	97.73	0.53	3.29	1.00	0.03
8.08	97.76	0.53	3.29	1.00	0.03	8.09	100.63	0.54	3.19	1.00	0.03
8.10	100.41	0.54	3.20	1.00	0.03	8.11	99.35	0.54	3.23	1.00	0.03
8.12	97.95	0.53	3.28	1.00	0.03	8.13	96.66	0.52	3.33	1.00	0.03
8.14	93.83	0.50	3.43	1.00	0.03	8.15	93.42	0.50	3.44	1.00	0.03
8.16	89.56	0.48	3.59	1.00	0.04	8.17	85.35	0.46	3.76	1.00	0.04
8.18	82.19	0.45	3.91	1.00	0.04	8.19	82.01	0.44	3.91	1.00	0.04
8.20	82.08	0.44	3.91	1.00	0.04	8.21	81.93	0.44	3.92	1.00	0.04
8.22	81.89	0.44	3.92	1.00	0.04	8.23	81.51	0.44	3.94	1.00	0.04
8.24	80.48	0.44	3.99	1.00	0.04	8.25	77.23	0.42	4.15	1.00	0.04
8.26	75.80	0.42	4.22	1.00	0.04	8.27	78.32	0.43	4.09	1.00	0.04
8.28	85.31	0.46	3.77	1.00	0.04	8.29	96.78	0.52	3.32	1.00	0.03
8.30	90.71	0.49	3.54	1.00	0.04	8.31	91.32	0.49	3.52	1.00	0.04
8.32	89.09	0.48	3.61	1.00	0.04	8.33	86.73	0.47	3.71	1.00	0.04
8.34	84.69	0.46	3.79	1.00	0.04	8.35	24.49	2.00	0.00	1.00	0.00
8.36	21.72	2.00	0.00	1.00	0.00	8.37	20.77	2.00	0.00	1.00	0.00
8.38	19.95	2.00	0.00	1.00	0.00	8.39	19.13	2.00	0.00	1.00	0.00
8.40	17.62	2.00	0.00	1.00	0.00	8.41	16.91	2.00	0.00	1.00	0.00
8.42	15.98	2.00	0.00	1.00	0.00	8.43	15.74	2.00	0.00	1.00	0.00
8.44	15.50	2.00	0.00	1.00	0.00	8.45	15.26	2.00	0.00	1.00	0.00
8.46	14.44	2.00	0.00	1.00	0.00	8.47	14.09	2.00	0.00	1.00	0.00
8.48	13.73	2.00	0.00	1.00	0.00	8.49	13.49	2.00	0.00	1.00	0.00
8.50	13.37	2.00	0.00	1.00	0.00	8.51	13.36	2.00	0.00	1.00	0.00
8.52	13.36	2.00	0.00	1.00	0.00	8.53	13.24	2.00	0.00	1.00	0.00
8.54	13.11	2.00	0.00	1.00	0.00	8.55	12.76	2.00	0.00	1.00	0.00
8.56	12.64	2.00	0.00	1.00	0.00	8.57	12.40	2.00	0.00	1.00	0.00
8.58	12.39	2.00	0.00	1.00	0.00	8.59	12.38	2.00	0.00	1.00	0.00
8.60	12.38	2.00	0.00	1.00	0.00	8.61	12.26	2.00	0.00	1.00	0.00
8.62	12.02	2.00	0.00	1.00	0.00	8.63	11.90	2.00	0.00	1.00	0.00
8.64	11.78	2.00	0.00	1.00	0.00	8.65	11.65	2.00	0.00	1.00	0.00
8.66	11.53	2.00	0.00	1.00	0.00	8.67	11.41	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	11.29	2.00	0.00	1.00	0.00	8.69	11.40	2.00	0.00	1.00	0.00
8.70	11.62	2.00	0.00	1.00	0.00	8.71	11.73	2.00	0.00	1.00	0.00
8.72	11.72	2.00	0.00	1.00	0.00	8.73	12.06	2.00	0.00	1.00	0.00
8.74	12.17	2.00	0.00	1.00	0.00	8.75	12.28	2.00	0.00	1.00	0.00
8.76	12.50	2.00	0.00	1.00	0.00	8.77	12.49	2.00	0.00	1.00	0.00
8.78	12.48	2.00	0.00	1.00	0.00	8.79	12.59	2.00	0.00	1.00	0.00
8.80	12.93	2.00	0.00	1.00	0.00	8.81	13.15	2.00	0.00	1.00	0.00
8.82	13.37	2.00	0.00	1.00	0.00	8.83	13.71	2.00	0.00	1.00	0.00
8.84	13.81	2.00	0.00	1.00	0.00	8.85	14.03	2.00	0.00	1.00	0.00
8.86	14.14	2.00	0.00	1.00	0.00	8.87	14.02	2.00	0.00	1.00	0.00
8.88	14.12	2.00	0.00	1.00	0.00	8.89	14.11	2.00	0.00	1.00	0.00
8.90	14.11	2.00	0.00	1.00	0.00	8.91	14.10	2.00	0.00	1.00	0.00
8.92	14.66	2.00	0.00	1.00	0.00	8.93	14.54	2.00	0.00	1.00	0.00
8.94	14.64	2.00	0.00	1.00	0.00	8.95	14.75	2.00	0.00	1.00	0.00
8.96	14.97	2.00	0.00	1.00	0.00	8.97	15.41	2.00	0.00	1.00	0.00
8.98	15.40	2.00	0.00	1.00	0.00	8.99	15.28	2.00	0.00	1.00	0.00
9.00	15.27	2.00	0.00	1.00	0.00	9.01	15.48	2.00	0.00	1.00	0.00
9.02	15.70	2.00	0.00	1.00	0.00	9.03	15.58	2.00	0.00	1.00	0.00
9.04	15.34	2.00	0.00	1.00	0.00	9.05	15.22	2.00	0.00	1.00	0.00
9.06	15.21	2.00	0.00	1.00	0.00	9.07	15.09	2.00	0.00	1.00	0.00
9.08	14.97	2.00	0.00	1.00	0.00	9.09	14.63	2.00	0.00	1.00	0.00
9.10	14.62	2.00	0.00	1.00	0.00	9.11	14.61	2.00	0.00	1.00	0.00
9.12	14.49	2.00	0.00	1.00	0.00	9.13	14.26	2.00	0.00	1.00	0.00
9.14	14.25	2.00	0.00	1.00	0.00	9.15	14.24	2.00	0.00	1.00	0.00
9.16	14.24	2.00	0.00	1.00	0.00	9.17	14.45	2.00	0.00	1.00	0.00
9.18	14.78	2.00	0.00	1.00	0.00	9.19	14.99	2.00	0.00	1.00	0.00
9.20	14.98	2.00	0.00	1.00	0.00	9.21	15.09	2.00	0.00	1.00	0.00
9.22	15.08	2.00	0.00	1.00	0.00	9.23	15.18	2.00	0.00	1.00	0.00
9.24	14.95	2.00	0.00	1.00	0.00	9.25	14.61	2.00	0.00	1.00	0.00
9.26	14.71	2.00	0.00	1.00	0.00	9.27	14.70	2.00	0.00	1.00	0.00
9.28	14.70	2.00	0.00	1.00	0.00	9.29	14.69	2.00	0.00	1.00	0.00
9.30	14.57	2.00	0.00	1.00	0.00	9.31	14.34	2.00	0.00	1.00	0.00
9.32	14.33	2.00	0.00	1.00	0.00	9.33	14.66	2.00	0.00	1.00	0.00
9.34	14.87	2.00	0.00	1.00	0.00	9.35	14.97	2.00	0.00	1.00	0.00
9.36	14.96	2.00	0.00	1.00	0.00	9.37	14.73	2.00	0.00	1.00	0.00
9.38	14.39	2.00	0.00	1.00	0.00	9.39	14.05	2.00	0.00	1.00	0.00
9.40	13.94	2.00	0.00	1.00	0.00	9.41	13.71	2.00	0.00	1.00	0.00
9.42	13.59	2.00	0.00	1.00	0.00	9.43	13.58	2.00	0.00	1.00	0.00
9.44	13.57	2.00	0.00	1.00	0.00	9.45	13.68	2.00	0.00	1.00	0.00
9.46	13.89	2.00	0.00	1.00	0.00	9.47	14.32	2.00	0.00	1.00	0.00
9.48	14.31	2.00	0.00	1.00	0.00	9.49	14.19	2.00	0.00	1.00	0.00
9.50	13.97	2.00	0.00	1.00	0.00	9.51	13.63	2.00	0.00	1.00	0.00
9.52	13.40	2.00	0.00	1.00	0.00	9.53	13.07	2.00	0.00	1.00	0.00
9.54	13.17	2.00	0.00	1.00	0.00	9.55	13.16	2.00	0.00	1.00	0.00
9.56	13.05	2.00	0.00	1.00	0.00	9.57	13.04	2.00	0.00	1.00	0.00
9.58	12.81	2.00	0.00	1.00	0.00	9.59	12.59	2.00	0.00	1.00	0.00
9.60	12.69	2.00	0.00	1.00	0.00	9.61	12.79	2.00	0.00	1.00	0.00
9.62	12.79	2.00	0.00	1.00	0.00	9.63	12.23	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.12	2.00	0.00	1.00	0.00	9.65	12.22	2.00	0.00	1.00	0.00
9.66	12.32	2.00	0.00	1.00	0.00	9.67	12.43	2.00	0.00	1.00	0.00
9.68	12.42	2.00	0.00	1.00	0.00	9.69	12.52	2.00	0.00	1.00	0.00
9.70	12.41	2.00	0.00	1.00	0.00	9.71	12.51	2.00	0.00	1.00	0.00
9.72	12.61	2.00	0.00	1.00	0.00	9.73	12.60	2.00	0.00	1.00	0.00
9.74	12.38	2.00	0.00	1.00	0.00	9.75	12.16	2.00	0.00	1.00	0.00
9.76	11.82	2.00	0.00	1.00	0.00	9.77	11.38	2.00	0.00	1.00	0.00
9.78	11.16	2.00	0.00	1.00	0.00	9.79	10.94	2.00	0.00	1.00	0.00
9.80	10.82	2.00	0.00	1.00	0.00	9.81	10.49	2.00	0.00	1.00	0.00
9.82	10.16	2.00	0.00	1.00	0.00	9.83	9.83	2.00	0.00	1.00	0.00
9.84	9.17	2.00	0.00	1.00	0.00	9.85	9.06	2.00	0.00	1.00	0.00
9.86	8.84	2.00	0.00	1.00	0.00	9.87	8.62	2.00	0.00	1.00	0.00
9.88	8.61	2.00	0.00	1.00	0.00	9.89	8.50	2.00	0.00	1.00	0.00
9.90	8.50	2.00	0.00	1.00	0.00	9.91	8.49	2.00	0.00	1.00	0.00
9.92	8.92	2.00	0.00	1.00	0.00	9.93	9.03	2.00	0.00	1.00	0.00
9.94	9.13	2.00	0.00	1.00	0.00	9.95	9.13	2.00	0.00	1.00	0.00
9.96	9.12	2.00	0.00	1.00	0.00	9.97	9.12	2.00	0.00	1.00	0.00
9.98	9.22	2.00	0.00	1.00	0.00	9.99	9.11	2.00	0.00	1.00	0.00
10.00	9.00	2.00	0.00	1.00	0.00	10.01	9.10	2.00	0.00	1.00	0.00
10.02	8.99	2.00	0.00	1.00	0.00	10.03	8.99	2.00	0.00	1.00	0.00
10.04	8.98	2.00	0.00	1.00	0.00	10.05	8.87	2.00	0.00	1.00	0.00
10.06	8.87	2.00	0.00	1.00	0.00	10.07	8.86	2.00	0.00	1.00	0.00
10.08	8.97	2.00	0.00	1.00	0.00	10.09	8.96	2.00	0.00	1.00	0.00
10.10	9.06	2.00	0.00	1.00	0.00	10.11	9.06	2.00	0.00	1.00	0.00
10.12	9.06	2.00	0.00	1.00	0.00	10.13	9.05	2.00	0.00	1.00	0.00
10.14	9.16	2.00	0.00	1.00	0.00	10.15	9.26	2.00	0.00	1.00	0.00
10.16	9.36	2.00	0.00	1.00	0.00	10.17	9.46	2.00	0.00	1.00	0.00
10.18	9.57	2.00	0.00	1.00	0.00	10.19	9.67	2.00	0.00	1.00	0.00
10.20	9.88	2.00	0.00	1.00	0.00	10.21	9.87	2.00	0.00	1.00	0.00
10.22	9.97	2.00	0.00	1.00	0.00	10.23	9.97	2.00	0.00	1.00	0.00
10.24	9.97	2.00	0.00	1.00	0.00	10.25	10.17	2.00	0.00	1.00	0.00
10.26	10.38	2.00	0.00	1.00	0.00	10.27	10.48	2.00	0.00	1.00	0.00
10.28	10.58	2.00	0.00	1.00	0.00	10.29	10.69	2.00	0.00	1.00	0.00
10.30	10.68	2.00	0.00	1.00	0.00	10.31	10.68	2.00	0.00	1.00	0.00
10.32	10.78	2.00	0.00	1.00	0.00	10.33	10.88	2.00	0.00	1.00	0.00
10.34	10.87	2.00	0.00	1.00	0.00	10.35	10.76	2.00	0.00	1.00	0.00
10.36	10.54	2.00	0.00	1.00	0.00	10.37	10.33	2.00	0.00	1.00	0.00
10.38	10.22	2.00	0.00	1.00	0.00	10.39	10.21	2.00	0.00	1.00	0.00
10.40	10.10	2.00	0.00	1.00	0.00	10.41	9.88	2.00	0.00	1.00	0.00
10.42	9.77	2.00	0.00	1.00	0.00	10.43	9.66	2.00	0.00	1.00	0.00
10.44	9.66	2.00	0.00	1.00	0.00	10.45	9.65	2.00	0.00	1.00	0.00
10.46	9.54	2.00	0.00	1.00	0.00	10.47	9.65	2.00	0.00	1.00	0.00
10.48	9.75	2.00	0.00	1.00	0.00	10.49	9.74	2.00	0.00	1.00	0.00
10.50	9.74	2.00	0.00	1.00	0.00	10.51	9.73	2.00	0.00	1.00	0.00
10.52	9.83	2.00	0.00	1.00	0.00	10.53	9.83	2.00	0.00	1.00	0.00
10.54	9.93	2.00	0.00	1.00	0.00	10.55	9.92	2.00	0.00	1.00	0.00
10.56	9.81	2.00	0.00	1.00	0.00	10.57	9.70	2.00	0.00	1.00	0.00
10.58	9.49	2.00	0.00	1.00	0.00	10.59	9.48	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	9.90	2.00	0.00	1.00	0.00	10.61	10.00	2.00	0.00	1.00	0.00
10.62	9.89	2.00	0.00	1.00	0.00	10.63	9.89	2.00	0.00	1.00	0.00
10.64	9.78	2.00	0.00	1.00	0.00	10.65	9.77	2.00	0.00	1.00	0.00
10.66	9.77	2.00	0.00	1.00	0.00	10.67	9.87	2.00	0.00	1.00	0.00
10.68	9.76	2.00	0.00	1.00	0.00	10.69	9.65	2.00	0.00	1.00	0.00
10.70	9.44	2.00	0.00	1.00	0.00	10.71	9.43	2.00	0.00	1.00	0.00
10.72	9.43	2.00	0.00	1.00	0.00	10.73	9.53	2.00	0.00	1.00	0.00
10.74	9.63	2.00	0.00	1.00	0.00	10.75	9.52	2.00	0.00	1.00	0.00
10.76	9.41	2.00	0.00	1.00	0.00	10.77	9.40	2.00	0.00	1.00	0.00
10.78	9.40	2.00	0.00	1.00	0.00	10.79	9.29	2.00	0.00	1.00	0.00
10.80	9.18	2.00	0.00	1.00	0.00	10.81	9.08	2.00	0.00	1.00	0.00
10.82	9.07	2.00	0.00	1.00	0.00	10.83	8.96	2.00	0.00	1.00	0.00
10.84	8.86	2.00	0.00	1.00	0.00	10.85	8.75	2.00	0.00	1.00	0.00
10.86	8.64	2.00	0.00	1.00	0.00	10.87	8.43	2.00	0.00	1.00	0.00
10.88	8.42	2.00	0.00	1.00	0.00	10.89	8.42	2.00	0.00	1.00	0.00
10.90	8.42	2.00	0.00	1.00	0.00	10.91	8.41	2.00	0.00	1.00	0.00
10.92	8.31	2.00	0.00	1.00	0.00	10.93	8.51	2.00	0.00	1.00	0.00
10.94	8.40	2.00	0.00	1.00	0.00	10.95	8.29	2.00	0.00	1.00	0.00
10.96	8.29	2.00	0.00	1.00	0.00	10.97	8.29	2.00	0.00	1.00	0.00
10.98	8.39	2.00	0.00	1.00	0.00	10.99	8.38	2.00	0.00	1.00	0.00
11.00	8.38	2.00	0.00	1.00	0.00	11.01	8.27	2.00	0.00	1.00	0.00
11.02	8.27	2.00	0.00	1.00	0.00	11.03	8.16	2.00	0.00	1.00	0.00
11.04	8.16	2.00	0.00	1.00	0.00	11.05	8.15	2.00	0.00	1.00	0.00
11.06	8.15	2.00	0.00	1.00	0.00	11.07	8.04	2.00	0.00	1.00	0.00
11.08	8.04	2.00	0.00	1.00	0.00	11.09	8.04	2.00	0.00	1.00	0.00
11.10	8.03	2.00	0.00	1.00	0.00	11.11	7.93	2.00	0.00	1.00	0.00
11.12	7.82	2.00	0.00	1.00	0.00	11.13	7.51	2.00	0.00	1.00	0.00
11.14	7.41	2.00	0.00	1.00	0.00	11.15	7.30	2.00	0.00	1.00	0.00
11.16	7.30	2.00	0.00	1.00	0.00	11.17	7.19	2.00	0.00	1.00	0.00
11.18	7.09	2.00	0.00	1.00	0.00	11.19	6.88	2.00	0.00	1.00	0.00
11.20	6.77	2.00	0.00	1.00	0.00	11.21	6.77	2.00	0.00	1.00	0.00
11.22	6.66	2.00	0.00	1.00	0.00	11.23	6.56	2.00	0.00	1.00	0.00
11.24	6.56	2.00	0.00	1.00	0.00	11.25	6.66	2.00	0.00	1.00	0.00
11.26	6.65	2.00	0.00	1.00	0.00	11.27	6.55	2.00	0.00	1.00	0.00
11.28	6.55	2.00	0.00	1.00	0.00	11.29	6.65	2.00	0.00	1.00	0.00
11.30	6.64	2.00	0.00	1.00	0.00	11.31	6.64	2.00	0.00	1.00	0.00
11.32	6.64	2.00	0.00	1.00	0.00	11.33	6.64	2.00	0.00	1.00	0.00
11.34	6.73	2.00	0.00	1.00	0.00	11.35	6.83	2.00	0.00	1.00	0.00
11.36	7.14	2.00	0.00	1.00	0.00	11.37	7.24	2.00	0.00	1.00	0.00
11.38	7.44	2.00	0.00	1.00	0.00	11.39	7.74	2.00	0.00	1.00	0.00
11.40	8.14	2.00	0.00	1.00	0.00	11.41	8.34	2.00	0.00	1.00	0.00
11.42	8.44	2.00	0.00	1.00	0.00	11.43	8.54	2.00	0.00	1.00	0.00
11.44	8.74	2.00	0.00	1.00	0.00	11.45	8.84	2.00	0.00	1.00	0.00
11.46	9.44	2.00	0.00	1.00	0.00	11.47	9.64	2.00	0.00	1.00	0.00
11.48	9.74	2.00	0.00	1.00	0.00	11.49	9.73	2.00	0.00	1.00	0.00
11.50	9.93	2.00	0.00	1.00	0.00	11.51	10.23	2.00	0.00	1.00	0.00
11.52	10.43	2.00	0.00	1.00	0.00	11.53	10.62	2.00	0.00	1.00	0.00
11.54	10.72	2.00	0.00	1.00	0.00	11.55	10.71	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	10.71	2.00	0.00	1.00	0.00	11.57	10.71	2.00	0.00	1.00	0.00
11.58	10.70	2.00	0.00	1.00	0.00	11.59	10.70	2.00	0.00	1.00	0.00
11.60	10.59	2.00	0.00	1.00	0.00	11.61	10.48	2.00	0.00	1.00	0.00
11.62	10.68	2.00	0.00	1.00	0.00	11.63	10.68	2.00	0.00	1.00	0.00
11.64	10.67	2.00	0.00	1.00	0.00	11.65	10.67	2.00	0.00	1.00	0.00
11.66	10.66	2.00	0.00	1.00	0.00	11.67	10.66	2.00	0.00	1.00	0.00
11.68	10.55	2.00	0.00	1.00	0.00	11.69	10.35	2.00	0.00	1.00	0.00
11.70	10.04	2.00	0.00	1.00	0.00	11.71	9.84	2.00	0.00	1.00	0.00
11.72	9.73	2.00	0.00	1.00	0.00	11.73	9.63	2.00	0.00	1.00	0.00
11.74	9.62	2.00	0.00	1.00	0.00	11.75	9.52	2.00	0.00	1.00	0.00
11.76	9.31	2.00	0.00	1.00	0.00	11.77	9.21	2.00	0.00	1.00	0.00
11.78	9.10	2.00	0.00	1.00	0.00	11.79	8.90	2.00	0.00	1.00	0.00
11.80	8.90	2.00	0.00	1.00	0.00	11.81	8.79	2.00	0.00	1.00	0.00
11.82	8.69	2.00	0.00	1.00	0.00	11.83	8.59	2.00	0.00	1.00	0.00
11.84	8.68	2.00	0.00	1.00	0.00	11.85	8.78	2.00	0.00	1.00	0.00
11.86	8.87	2.00	0.00	1.00	0.00	11.87	8.87	2.00	0.00	1.00	0.00
11.88	9.07	2.00	0.00	1.00	0.00	11.89	9.36	2.00	0.00	1.00	0.00
11.90	9.36	2.00	0.00	1.00	0.00	11.91	9.35	2.00	0.00	1.00	0.00
11.92	10.14	2.00	0.00	1.00	0.00	11.93	10.24	2.00	0.00	1.00	0.00
11.94	10.23	2.00	0.00	1.00	0.00	11.95	10.23	2.00	0.00	1.00	0.00
11.96	10.43	2.00	0.00	1.00	0.00	11.97	10.32	2.00	0.00	1.00	0.00
11.98	10.22	2.00	0.00	1.00	0.00	11.99	10.12	2.00	0.00	1.00	0.00
12.00	9.91	2.00	0.00	1.00	0.00	12.01	9.22	2.00	0.00	1.00	0.00
12.02	9.01	2.00	0.00	1.00	0.00	12.03	8.91	2.00	0.00	1.00	0.00
12.04	8.81	2.00	0.00	1.00	0.00	12.05	8.51	2.00	0.00	1.00	0.00
12.06	8.50	2.00	0.00	1.00	0.00	12.07	8.30	2.00	0.00	1.00	0.00
12.08	8.10	2.00	0.00	1.00	0.00	12.09	7.80	2.00	0.00	1.00	0.00
12.10	7.80	2.00	0.00	1.00	0.00	12.11	7.60	2.00	0.00	1.00	0.00
12.12	7.50	2.00	0.00	1.00	0.00	12.13	7.49	2.00	0.00	1.00	0.00
12.14	7.69	2.00	0.00	1.00	0.00	12.15	7.88	2.00	0.00	1.00	0.00
12.16	7.98	2.00	0.00	1.00	0.00	12.17	8.07	2.00	0.00	1.00	0.00
12.18	8.17	2.00	0.00	1.00	0.00	12.19	8.26	2.00	0.00	1.00	0.00
12.20	8.26	2.00	0.00	1.00	0.00	12.21	8.26	2.00	0.00	1.00	0.00
12.22	8.35	2.00	0.00	1.00	0.00	12.23	8.25	2.00	0.00	1.00	0.00
12.24	8.25	2.00	0.00	1.00	0.00	12.25	8.34	2.00	0.00	1.00	0.00
12.26	8.44	2.00	0.00	1.00	0.00	12.27	8.63	2.00	0.00	1.00	0.00
12.28	8.73	2.00	0.00	1.00	0.00	12.29	8.72	2.00	0.00	1.00	0.00
12.30	8.92	2.00	0.00	1.00	0.00	12.31	9.01	2.00	0.00	1.00	0.00
12.32	9.10	2.00	0.00	1.00	0.00	12.33	9.10	2.00	0.00	1.00	0.00
12.34	9.10	2.00	0.00	1.00	0.00	12.35	9.19	2.00	0.00	1.00	0.00
12.36	9.19	2.00	0.00	1.00	0.00	12.37	9.18	2.00	0.00	1.00	0.00
12.38	9.18	2.00	0.00	1.00	0.00	12.39	9.28	2.00	0.00	1.00	0.00
12.40	9.27	2.00	0.00	1.00	0.00	12.41	9.27	2.00	0.00	1.00	0.00
12.42	9.46	2.00	0.00	1.00	0.00	12.43	9.65	2.00	0.00	1.00	0.00
12.44	9.74	2.00	0.00	1.00	0.00	12.45	10.23	2.00	0.00	1.00	0.00
12.46	10.42	2.00	0.00	1.00	0.00	12.47	10.51	2.00	0.00	1.00	0.00
12.48	10.51	2.00	0.00	1.00	0.00	12.49	10.41	2.00	0.00	1.00	0.00
12.50	10.60	2.00	0.00	1.00	0.00	12.51	10.59	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	10.49	2.00	0.00	1.00	0.00	12.53	10.39	2.00	0.00	1.00	0.00
12.54	10.29	2.00	0.00	1.00	0.00	12.55	10.28	2.00	0.00	1.00	0.00
12.56	10.09	2.00	0.00	1.00	0.00	12.57	10.08	2.00	0.00	1.00	0.00
12.58	10.08	2.00	0.00	1.00	0.00	12.59	10.07	2.00	0.00	1.00	0.00
12.60	10.17	2.00	0.00	1.00	0.00	12.61	10.16	2.00	0.00	1.00	0.00
12.62	10.25	2.00	0.00	1.00	0.00	12.63	10.25	2.00	0.00	1.00	0.00
12.64	10.15	2.00	0.00	1.00	0.00	12.65	10.34	2.00	0.00	1.00	0.00
12.66	10.53	2.00	0.00	1.00	0.00	12.67	10.81	2.00	0.00	1.00	0.00
12.68	10.91	2.00	0.00	1.00	0.00	12.69	11.38	2.00	0.00	1.00	0.00
12.70	11.28	2.00	0.00	1.00	0.00	12.71	11.08	2.00	0.00	1.00	0.00
12.72	10.98	2.00	0.00	1.00	0.00	12.73	11.17	2.00	0.00	1.00	0.00
12.74	11.07	2.00	0.00	1.00	0.00	12.75	10.87	2.00	0.00	1.00	0.00
12.76	10.77	2.00	0.00	1.00	0.00	12.77	10.19	2.00	0.00	1.00	0.00
12.78	10.19	2.00	0.00	1.00	0.00	12.79	10.28	2.00	0.00	1.00	0.00
12.80	10.27	2.00	0.00	1.00	0.00	12.81	10.46	2.00	0.00	1.00	0.00
12.82	10.55	2.00	0.00	1.00	0.00	12.83	10.07	2.00	0.00	1.00	0.00
12.84	9.87	2.00	0.00	1.00	0.00	12.85	9.87	2.00	0.00	1.00	0.00
12.86	9.86	2.00	0.00	1.00	0.00	12.87	9.86	2.00	0.00	1.00	0.00
12.88	9.67	2.00	0.00	1.00	0.00	12.89	9.47	2.00	0.00	1.00	0.00
12.90	9.47	2.00	0.00	1.00	0.00	12.91	9.46	2.00	0.00	1.00	0.00
12.92	9.46	2.00	0.00	1.00	0.00	12.93	9.55	2.00	0.00	1.00	0.00
12.94	9.45	2.00	0.00	1.00	0.00	12.95	9.45	2.00	0.00	1.00	0.00
12.96	9.35	2.00	0.00	1.00	0.00	12.97	9.15	2.00	0.00	1.00	0.00
12.98	8.67	2.00	0.00	1.00	0.00	12.99	8.38	2.00	0.00	1.00	0.00
13.00	8.19	2.00	0.00	1.00	0.00	13.01	7.61	2.00	0.00	1.00	0.00
13.02	7.42	2.00	0.00	1.00	0.00	13.03	7.32	2.00	0.00	1.00	0.00
13.04	7.32	2.00	0.00	1.00	0.00	13.05	7.22	2.00	0.00	1.00	0.00
13.06	7.22	2.00	0.00	1.00	0.00	13.07	7.22	2.00	0.00	1.00	0.00
13.08	7.31	2.00	0.00	1.00	0.00	13.09	7.31	2.00	0.00	1.00	0.00
13.10	7.40	2.00	0.00	1.00	0.00	13.11	7.49	2.00	0.00	1.00	0.00
13.12	7.68	2.00	0.00	1.00	0.00	13.13	7.87	2.00	0.00	1.00	0.00
13.14	8.15	2.00	0.00	1.00	0.00	13.15	8.24	2.00	0.00	1.00	0.00
13.16	8.24	2.00	0.00	1.00	0.00	13.17	8.14	2.00	0.00	1.00	0.00
13.18	8.14	2.00	0.00	1.00	0.00	13.19	8.14	2.00	0.00	1.00	0.00
13.20	8.04	2.00	0.00	1.00	0.00	13.21	7.85	2.00	0.00	1.00	0.00
13.22	7.18	2.00	0.00	1.00	0.00	13.23	6.99	2.00	0.00	1.00	0.00
13.24	6.89	2.00	0.00	1.00	0.00	13.25	6.99	2.00	0.00	1.00	0.00
13.26	7.08	2.00	0.00	1.00	0.00	13.27	7.17	2.00	0.00	1.00	0.00
13.28	7.26	2.00	0.00	1.00	0.00	13.29	7.35	2.00	0.00	1.00	0.00
13.30	7.54	2.00	0.00	1.00	0.00	13.31	7.73	2.00	0.00	1.00	0.00
13.32	7.91	2.00	0.00	1.00	0.00	13.33	8.01	2.00	0.00	1.00	0.00
13.34	8.00	2.00	0.00	1.00	0.00	13.35	8.00	2.00	0.00	1.00	0.00
13.36	8.19	2.00	0.00	1.00	0.00	13.37	8.18	2.00	0.00	1.00	0.00
13.38	8.27	2.00	0.00	1.00	0.00	13.39	8.27	2.00	0.00	1.00	0.00
13.40	8.36	2.00	0.00	1.00	0.00	13.41	8.45	2.00	0.00	1.00	0.00
13.42	8.45	2.00	0.00	1.00	0.00	13.43	8.54	2.00	0.00	1.00	0.00
13.44	8.54	2.00	0.00	1.00	0.00	13.45	8.72	2.00	0.00	1.00	0.00
13.46	8.72	2.00	0.00	1.00	0.00	13.47	8.72	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	8.71	2.00	0.00	1.00	0.00	13.49	8.71	2.00	0.00	1.00	0.00
13.50	8.71	2.00	0.00	1.00	0.00	13.51	8.70	2.00	0.00	1.00	0.00
13.52	8.70	2.00	0.00	1.00	0.00	13.53	8.79	2.00	0.00	1.00	0.00
13.54	8.98	2.00	0.00	1.00	0.00	13.55	9.07	2.00	0.00	1.00	0.00
13.56	9.06	2.00	0.00	1.00	0.00	13.57	8.97	2.00	0.00	1.00	0.00
13.58	9.15	2.00	0.00	1.00	0.00	13.59	9.24	2.00	0.00	1.00	0.00
13.60	9.14	2.00	0.00	1.00	0.00	13.61	9.14	2.00	0.00	1.00	0.00
13.62	9.14	2.00	0.00	1.00	0.00	13.63	9.13	2.00	0.00	1.00	0.00
13.64	8.94	2.00	0.00	1.00	0.00	13.65	8.85	2.00	0.00	1.00	0.00
13.66	8.75	2.00	0.00	1.00	0.00	13.67	8.84	2.00	0.00	1.00	0.00
13.68	8.65	2.00	0.00	1.00	0.00	13.69	8.93	2.00	0.00	1.00	0.00
13.70	8.83	2.00	0.00	1.00	0.00	13.71	8.92	2.00	0.00	1.00	0.00
13.72	8.92	2.00	0.00	1.00	0.00	13.73	9.01	2.00	0.00	1.00	0.00
13.74	9.09	2.00	0.00	1.00	0.00	13.75	9.28	2.00	0.00	1.00	0.00
13.76	9.55	2.00	0.00	1.00	0.00	13.77	9.64	2.00	0.00	1.00	0.00
13.78	9.83	2.00	0.00	1.00	0.00	13.79	9.92	2.00	0.00	1.00	0.00
13.80	10.19	2.00	0.00	1.00	0.00	13.81	10.37	2.00	0.00	1.00	0.00
13.82	10.46	2.00	0.00	1.00	0.00	13.83	10.55	2.00	0.00	1.00	0.00
13.84	10.73	2.00	0.00	1.00	0.00	13.85	10.91	2.00	0.00	1.00	0.00
13.86	11.00	2.00	0.00	1.00	0.00	13.87	11.00	2.00	0.00	1.00	0.00
13.88	11.27	2.00	0.00	1.00	0.00	13.89	11.73	2.00	0.00	1.00	0.00
13.90	11.73	2.00	0.00	1.00	0.00	13.91	11.72	2.00	0.00	1.00	0.00
13.92	12.65	2.00	0.00	1.00	0.00	13.93	13.01	2.00	0.00	1.00	0.00
13.94	13.29	2.00	0.00	1.00	0.00	13.95	13.75	2.00	0.00	1.00	0.00
13.96	14.02	2.00	0.00	1.00	0.00	13.97	14.48	2.00	0.00	1.00	0.00
13.98	14.93	2.00	0.00	1.00	0.00	13.99	15.48	2.00	0.00	1.00	0.00
14.00	15.76	2.00	0.00	1.00	0.00	14.01	16.31	2.00	0.00	1.00	0.00
14.02	16.49	2.00	0.00	1.00	0.00	14.03	16.94	2.00	0.00	1.00	0.00
14.04	17.12	2.00	0.00	1.00	0.00	14.05	17.02	2.00	0.00	1.00	0.00
14.06	17.02	2.00	0.00	1.00	0.00	14.07	16.73	2.00	0.00	1.00	0.00
14.08	16.54	2.00	0.00	1.00	0.00	14.09	16.44	2.00	0.00	1.00	0.00
14.10	16.16	2.00	0.00	1.00	0.00	14.11	16.15	2.00	0.00	1.00	0.00
14.12	15.96	2.00	0.00	1.00	0.00	14.13	15.77	2.00	0.00	1.00	0.00
14.14	15.21	2.00	0.00	1.00	0.00	14.15	14.92	2.00	0.00	1.00	0.00
14.16	14.46	2.00	0.00	1.00	0.00	14.17	14.27	2.00	0.00	1.00	0.00
14.18	14.26	2.00	0.00	1.00	0.00	14.19	14.35	2.00	0.00	1.00	0.00
14.20	14.25	2.00	0.00	1.00	0.00	14.21	13.87	2.00	0.00	1.00	0.00
14.22	13.78	2.00	0.00	1.00	0.00	14.23	13.59	2.00	0.00	1.00	0.00
14.24	13.67	2.00	0.00	1.00	0.00	14.25	13.57	2.00	0.00	1.00	0.00
14.26	13.39	2.00	0.00	1.00	0.00	14.27	13.29	2.00	0.00	1.00	0.00
14.28	13.37	2.00	0.00	1.00	0.00	14.29	13.64	2.00	0.00	1.00	0.00
14.30	13.91	2.00	0.00	1.00	0.00	14.31	14.27	2.00	0.00	1.00	0.00
14.32	14.63	2.00	0.00	1.00	0.00	14.33	15.09	2.00	0.00	1.00	0.00
14.34	15.08	2.00	0.00	1.00	0.00	14.35	15.16	2.00	0.00	1.00	0.00
14.36	15.07	2.00	0.00	1.00	0.00	14.37	14.88	2.00	0.00	1.00	0.00
14.38	14.78	2.00	0.00	1.00	0.00	14.39	14.50	2.00	0.00	1.00	0.00
14.40	14.31	2.00	0.00	1.00	0.00	14.41	14.03	2.00	0.00	1.00	0.00
14.42	14.03	2.00	0.00	1.00	0.00	14.43	13.93	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

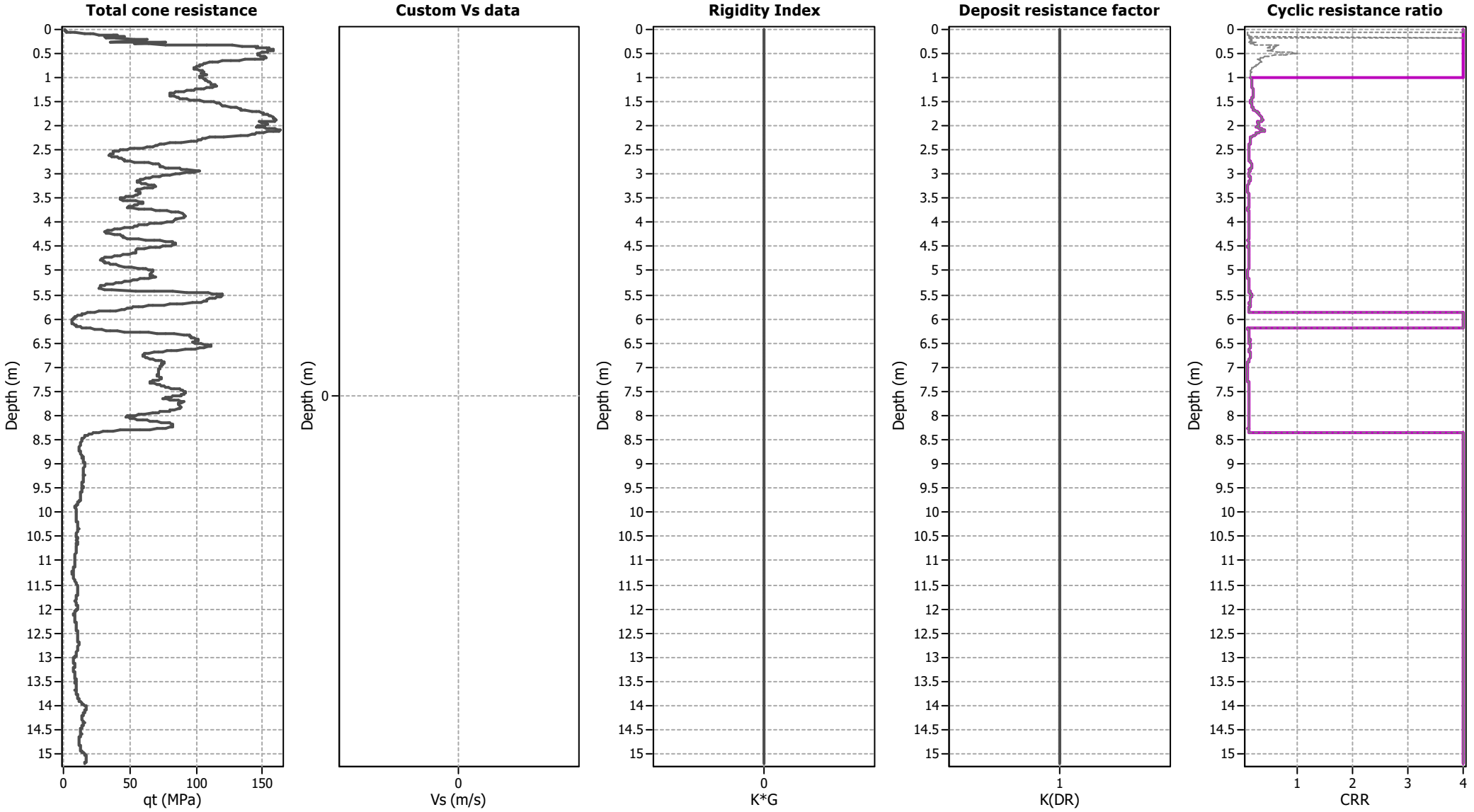
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	13.74	2.00	0.00	1.00	0.00	14.45	13.37	2.00	0.00	1.00	0.00
14.46	13.09	2.00	0.00	1.00	0.00	14.47	12.91	2.00	0.00	1.00	0.00
14.48	12.63	2.00	0.00	1.00	0.00	14.49	12.53	2.00	0.00	1.00	0.00
14.50	12.44	2.00	0.00	1.00	0.00	14.51	12.43	2.00	0.00	1.00	0.00
14.52	12.43	2.00	0.00	1.00	0.00	14.53	12.33	2.00	0.00	1.00	0.00
14.54	12.32	2.00	0.00	1.00	0.00	14.55	12.41	2.00	0.00	1.00	0.00
14.56	12.59	2.00	0.00	1.00	0.00	14.57	12.85	2.00	0.00	1.00	0.00
14.58	13.12	2.00	0.00	1.00	0.00	14.59	13.02	2.00	0.00	1.00	0.00
14.60	12.84	2.00	0.00	1.00	0.00	14.61	12.29	2.00	0.00	1.00	0.00
14.62	12.29	2.00	0.00	1.00	0.00	14.63	12.19	2.00	0.00	1.00	0.00
14.64	12.01	2.00	0.00	1.00	0.00	14.65	11.64	2.00	0.00	1.00	0.00
14.66	11.45	2.00	0.00	1.00	0.00	14.67	11.45	2.00	0.00	1.00	0.00
14.68	11.45	2.00	0.00	1.00	0.00	14.69	11.62	2.00	0.00	1.00	0.00
14.70	11.53	2.00	0.00	1.00	0.00	14.71	11.61	2.00	0.00	1.00	0.00
14.72	11.88	2.00	0.00	1.00	0.00	14.73	11.69	2.00	0.00	1.00	0.00
14.74	11.69	2.00	0.00	1.00	0.00	14.75	11.78	2.00	0.00	1.00	0.00
14.76	11.86	2.00	0.00	1.00	0.00	14.77	11.86	2.00	0.00	1.00	0.00
14.78	11.67	2.00	0.00	1.00	0.00	14.79	11.85	2.00	0.00	1.00	0.00
14.80	11.84	2.00	0.00	1.00	0.00	14.81	11.57	2.00	0.00	1.00	0.00
14.82	11.75	2.00	0.00	1.00	0.00	14.83	12.01	2.00	0.00	1.00	0.00
14.84	12.27	2.00	0.00	1.00	0.00	14.85	12.45	2.00	0.00	1.00	0.00
14.86	12.27	2.00	0.00	1.00	0.00	14.87	12.26	2.00	0.00	1.00	0.00
14.88	12.35	2.00	0.00	1.00	0.00	14.89	12.97	2.00	0.00	1.00	0.00
14.90	12.96	2.00	0.00	1.00	0.00	14.91	12.96	2.00	0.00	1.00	0.00
14.92	12.78	2.00	0.00	1.00	0.00	14.93	12.95	2.00	0.00	1.00	0.00
14.94	13.21	2.00	0.00	1.00	0.00	14.95	13.74	2.00	0.00	1.00	0.00
14.96	14.01	2.00	0.00	1.00	0.00	14.97	14.63	2.00	0.00	1.00	0.00
14.98	14.98	2.00	0.00	1.00	0.00	14.99	15.60	2.00	0.00	1.00	0.00
15.00	15.87	2.00	0.00	1.00	0.00	15.01	16.13	2.00	0.00	1.00	0.00
15.02	16.39	2.00	0.00	1.00	0.00	15.03	16.56	2.00	0.00	1.00	0.00
15.04	16.74	2.00	0.00	1.00	0.00	15.05	16.73	2.00	0.00	1.00	0.00
15.06	16.73	2.00	0.00	1.00	0.00	15.07	16.81	2.00	0.00	1.00	0.00
15.08	16.89	2.00	0.00	1.00	0.00	15.09	16.71	2.00	0.00	1.00	0.00
15.10	16.61	2.00	0.00	1.00	0.00	15.11	16.43	2.00	0.00	1.00	0.00
15.12	16.51	2.00	0.00	1.00	0.00	15.13	16.68	2.00	0.00	1.00	0.00
15.14	16.68	2.00	0.00	1.00	0.00	15.15	16.58	2.00	0.00	1.00	0.00
15.16	16.66	2.00	0.00	1.00	0.00	15.17	16.48	2.00	0.00	1.00	0.00
15.18	16.12	2.00	0.00	1.00	0.00	15.19	16.02	2.00	0.00	1.00	0.00
15.20	16.10	2.00	0.00	1.00	0.00						

Total estimated settlement: 21.57

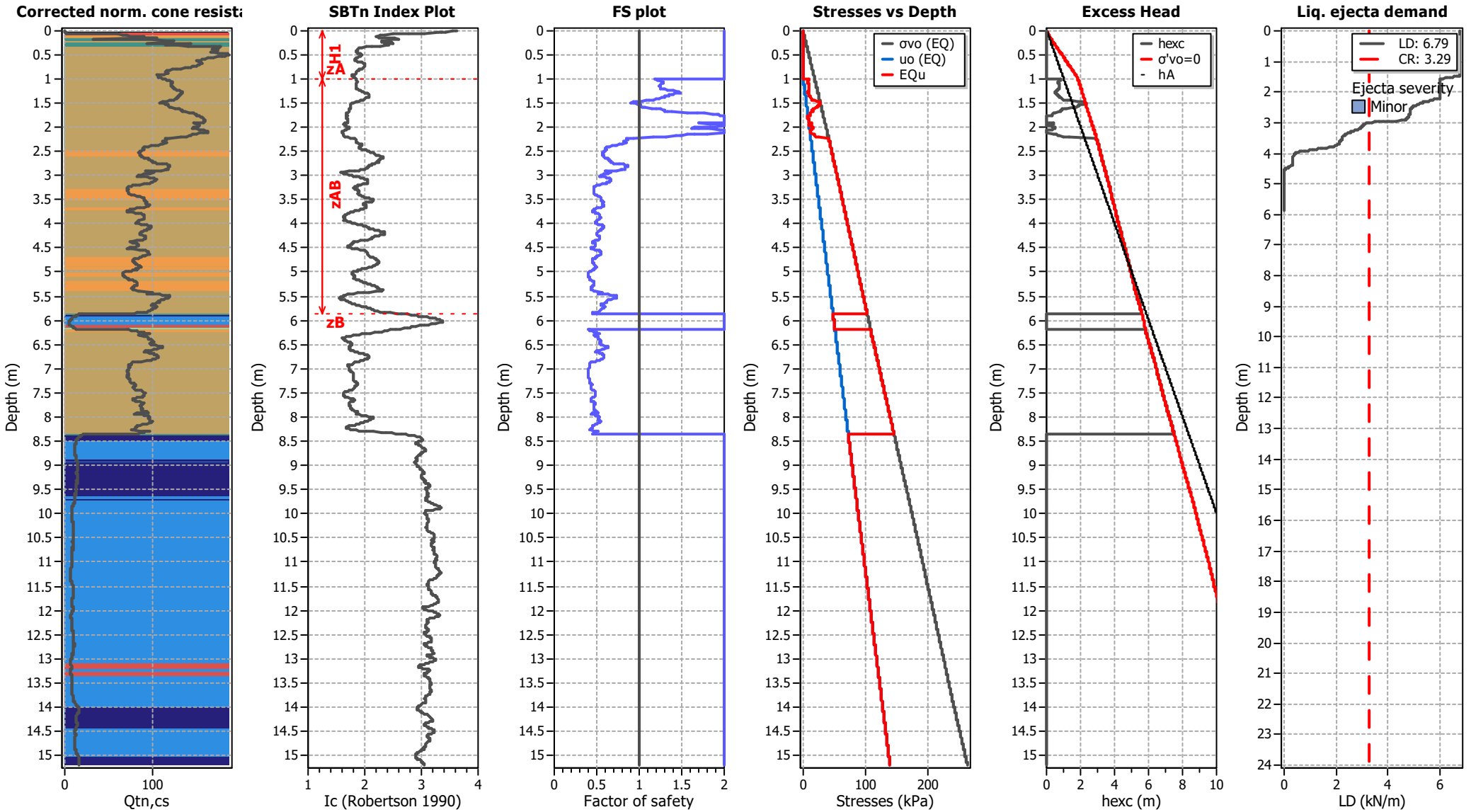
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



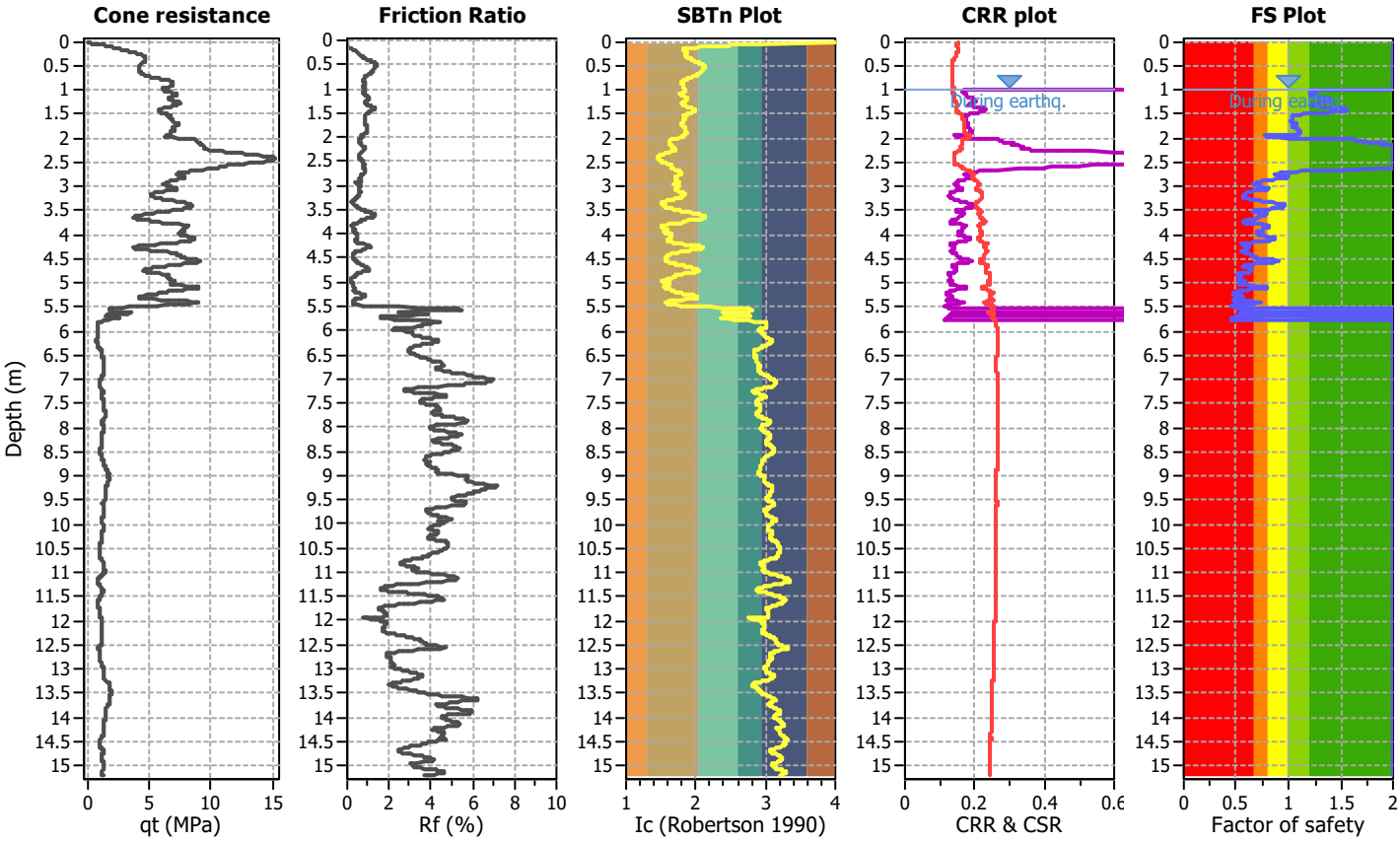
LIQUEFACTION ANALYSIS REPORT

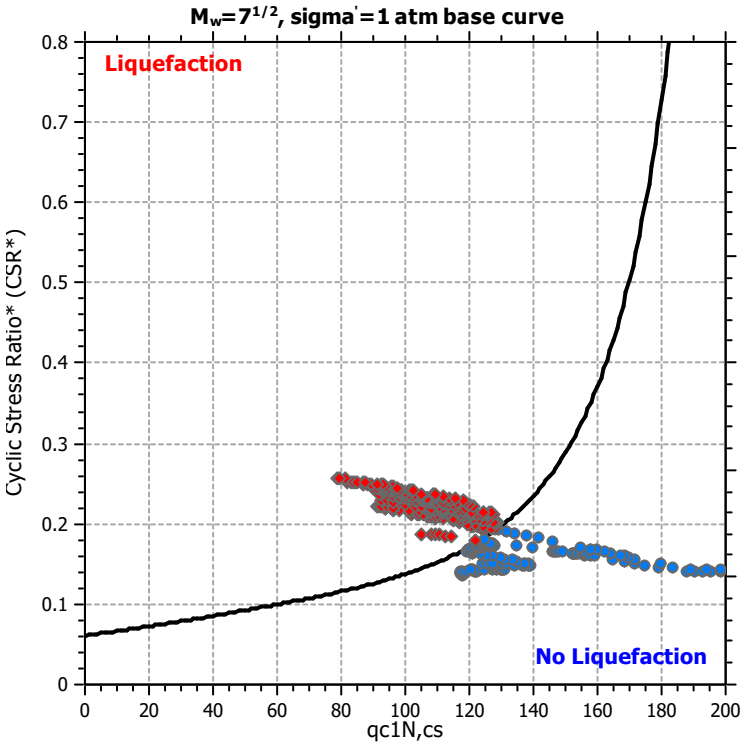
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

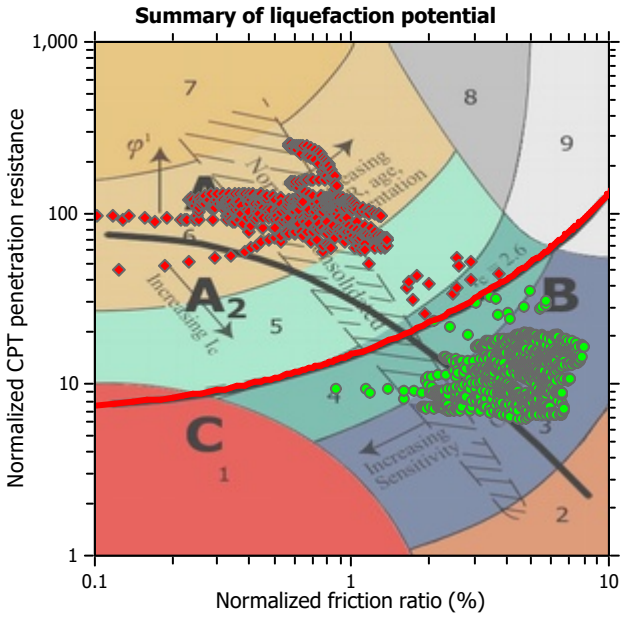
CPT file : 040008P1007CPTU1008

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

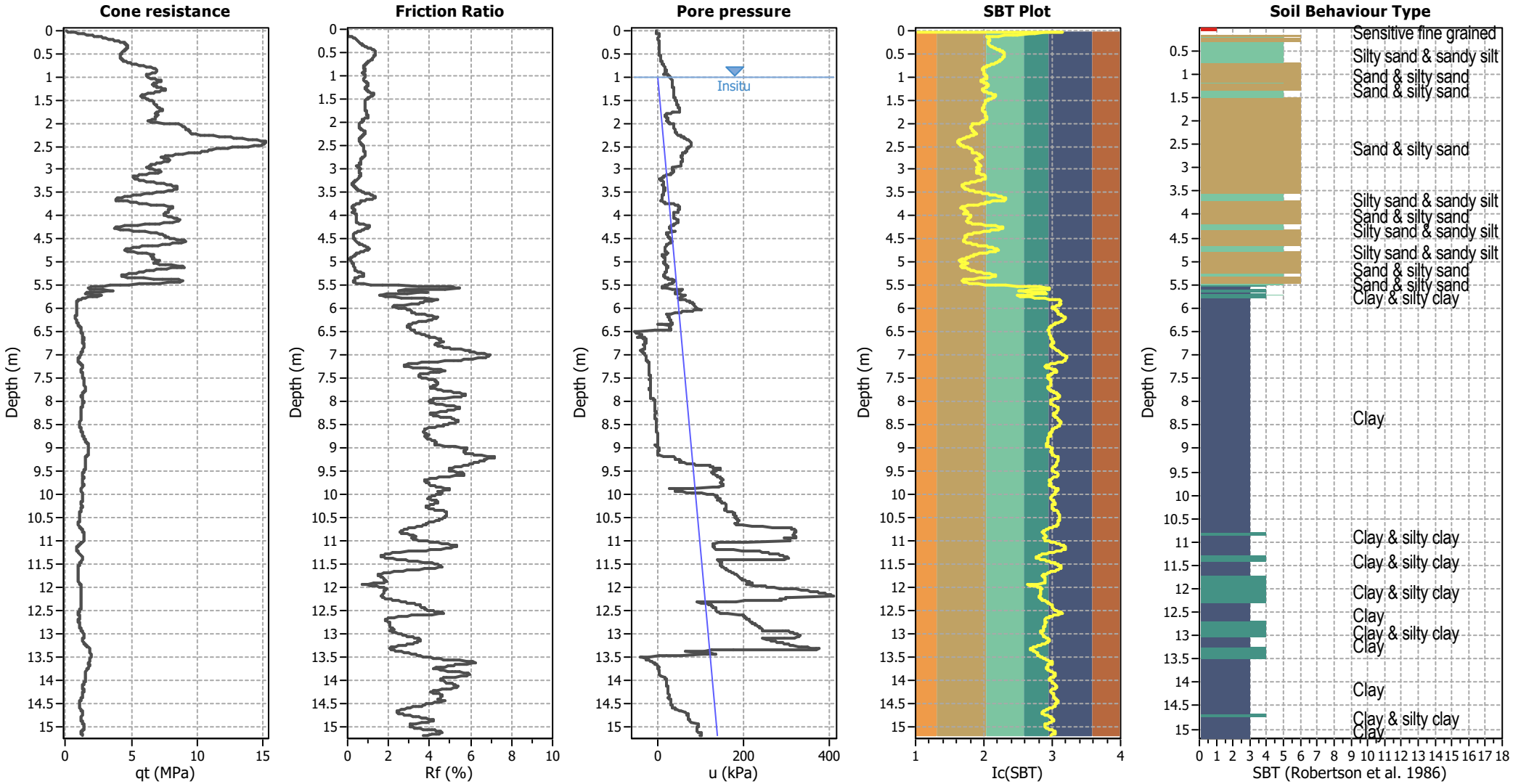






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



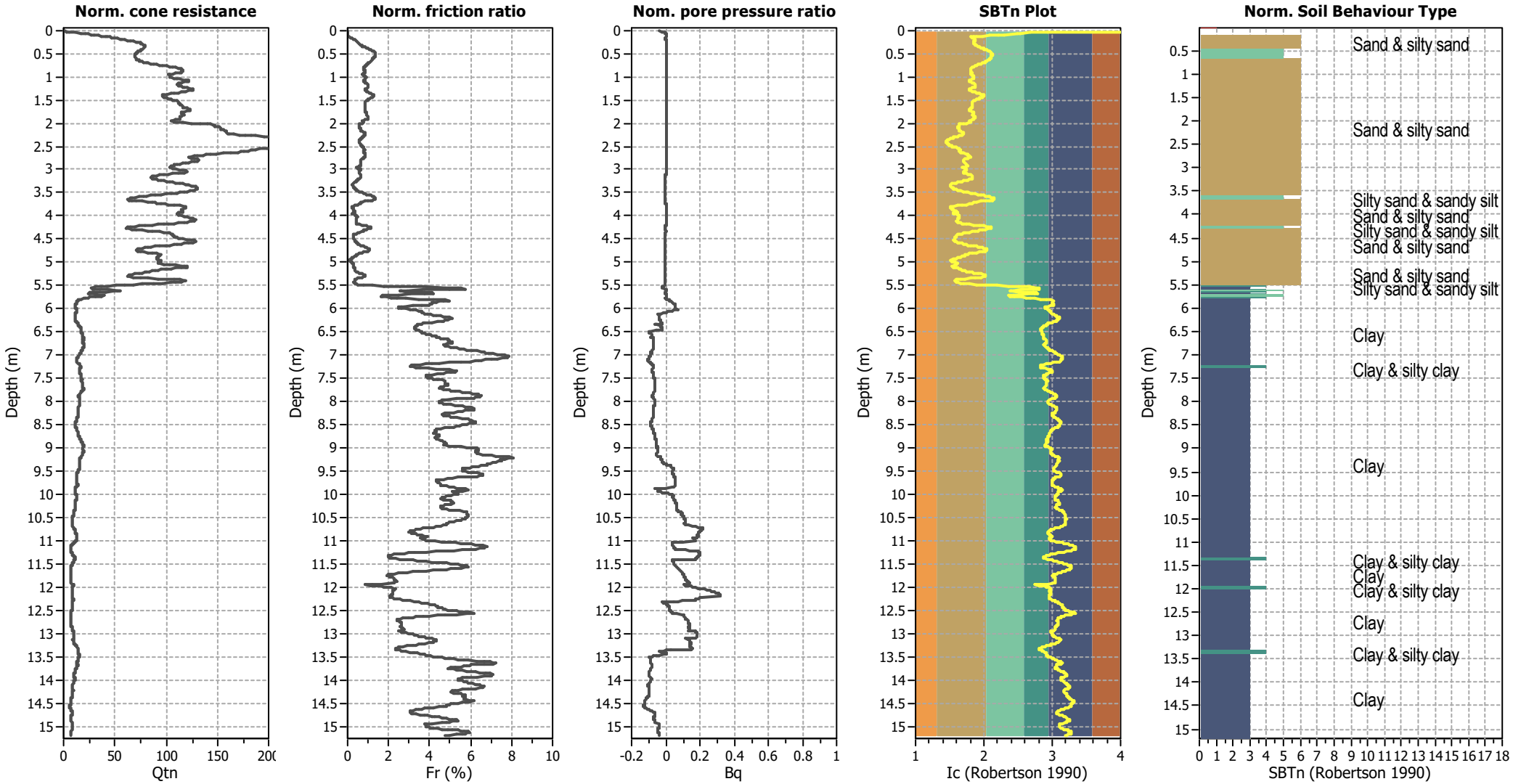
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty clay
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



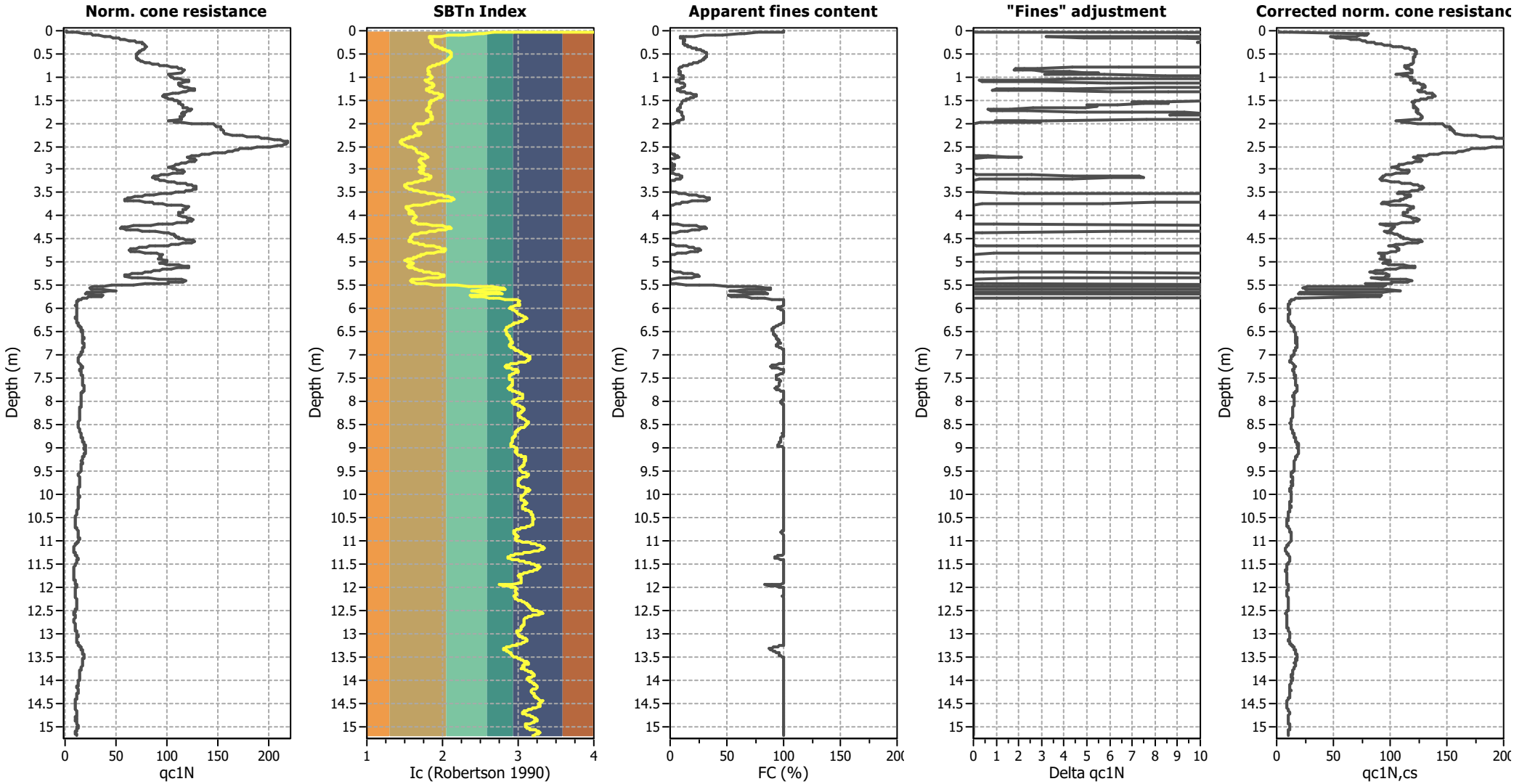
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

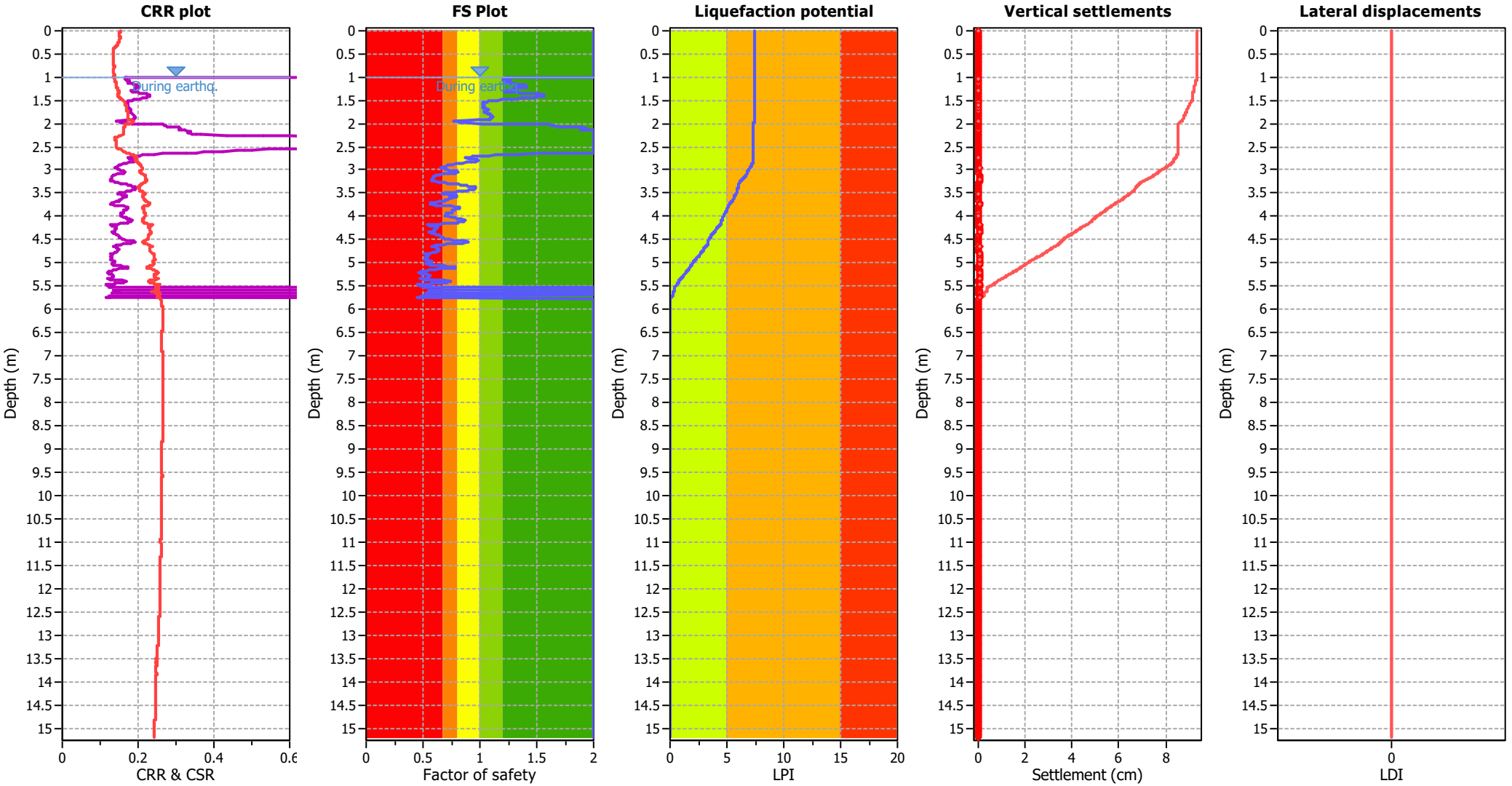
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

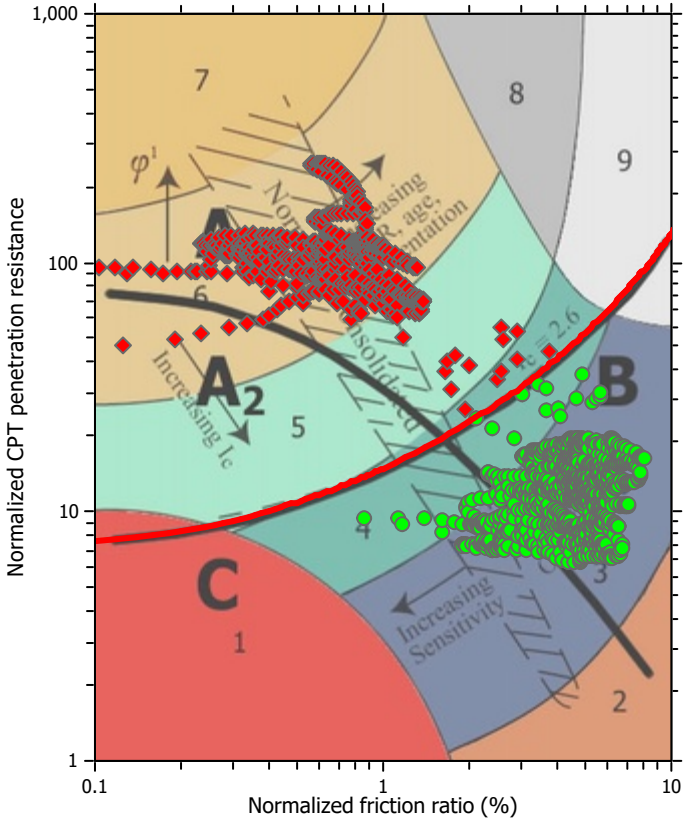
F.S. color scheme

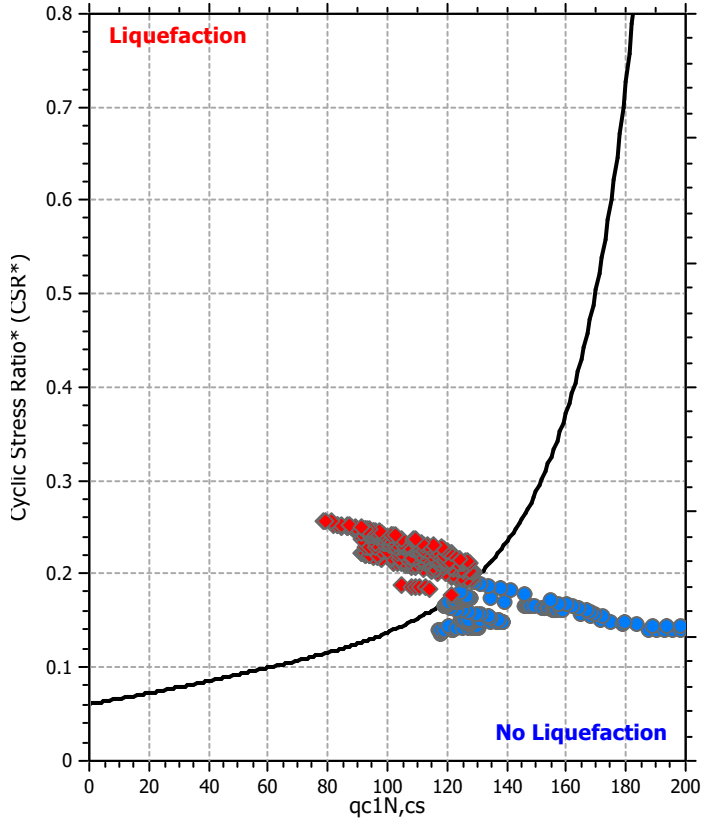
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

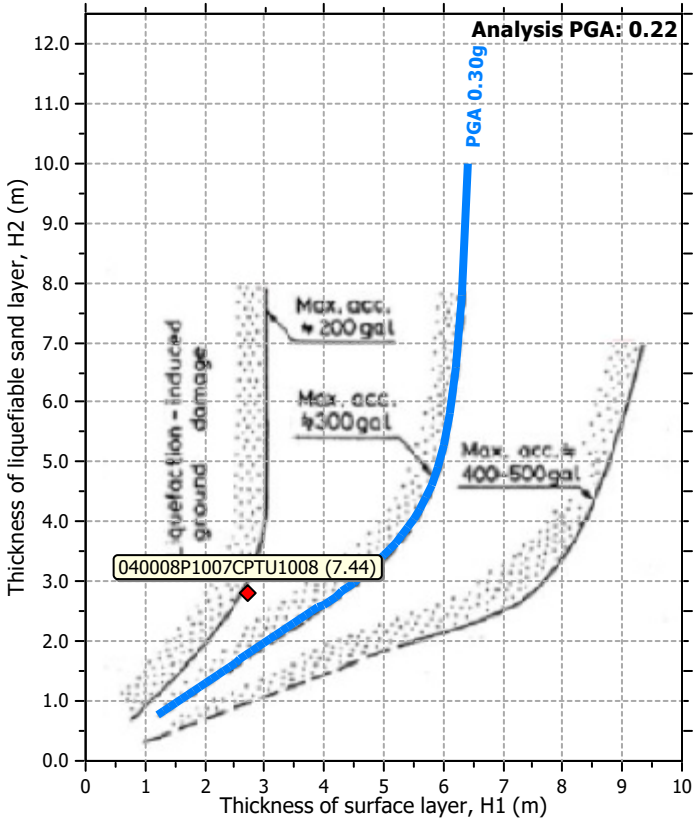
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



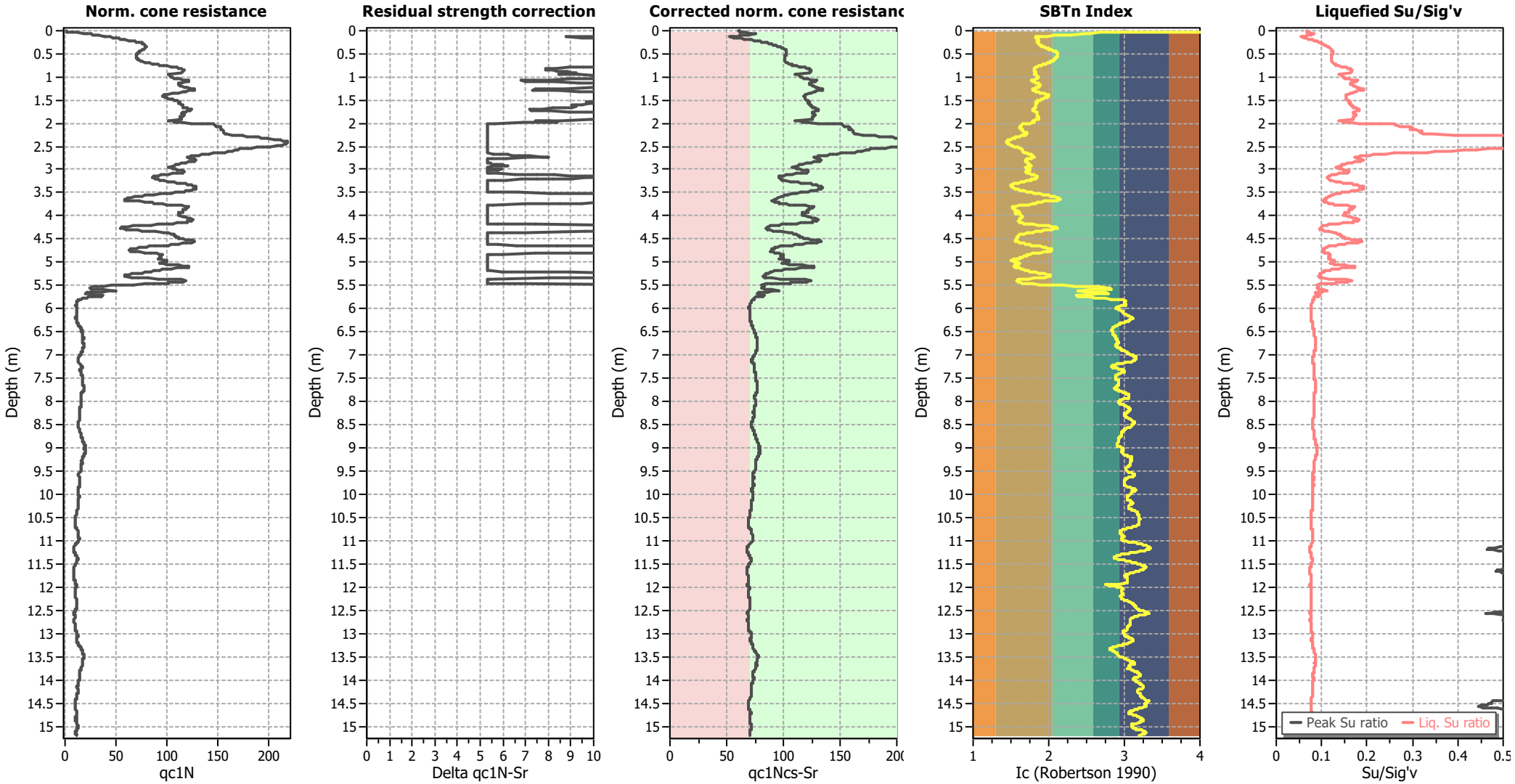




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.23	0.00	0.00	0.01	0.00	1.02	1.24	0.00	0.00	0.01	0.00
1.03	1.22	0.00	0.00	0.01	0.00	1.04	1.23	0.00	0.00	0.01	0.00
1.05	1.20	0.00	0.00	0.01	0.00	1.06	1.21	0.00	0.00	0.01	0.00
1.07	1.22	0.00	0.00	0.01	0.00	1.08	1.27	0.00	0.00	0.01	0.00
1.09	1.27	0.00	0.00	0.01	0.00	1.10	1.26	0.00	0.00	0.01	0.00
1.11	1.23	0.00	0.00	0.01	0.00	1.12	1.23	0.00	0.00	0.01	0.00
1.13	1.22	0.00	0.00	0.01	0.00	1.14	1.27	0.00	0.00	0.01	0.00
1.15	1.30	0.00	0.00	0.01	0.00	1.16	1.34	0.00	0.00	0.01	0.00
1.17	1.37	0.00	0.00	0.01	0.00	1.18	1.40	0.00	0.00	0.01	0.00
1.19	1.41	0.00	0.00	0.01	0.00	1.20	1.42	0.00	0.00	0.01	0.00
1.21	1.41	0.00	0.00	0.01	0.00	1.22	1.41	0.00	0.00	0.01	0.00
1.23	1.37	0.00	0.00	0.01	0.00	1.24	1.31	0.00	0.00	0.01	0.00
1.25	1.32	0.00	0.00	0.01	0.00	1.26	1.31	0.00	0.00	0.01	0.00
1.27	1.30	0.00	0.00	0.01	0.00	1.28	1.29	0.00	0.00	0.01	0.00
1.29	1.27	0.00	0.00	0.01	0.00	1.30	1.21	0.00	0.00	0.01	0.00
1.31	1.22	0.00	0.00	0.01	0.00	1.32	1.24	0.00	0.00	0.01	0.00
1.33	1.27	0.00	0.00	0.01	0.00	1.34	1.33	0.00	0.00	0.01	0.00
1.35	1.36	0.00	0.00	0.01	0.00	1.36	1.44	0.00	0.00	0.01	0.00
1.37	1.52	0.00	0.00	0.01	0.00	1.38	1.50	0.00	0.00	0.01	0.00
1.39	1.55	0.00	0.00	0.01	0.00	1.40	1.56	0.00	0.00	0.01	0.00
1.41	1.56	0.00	0.00	0.01	0.00	1.42	1.54	0.00	0.00	0.01	0.00
1.43	1.50	0.00	0.00	0.01	0.00	1.44	1.48	0.00	0.00	0.01	0.00
1.45	1.41	0.00	0.00	0.01	0.00	1.46	1.37	0.00	0.00	0.01	0.00
1.47	1.31	0.00	0.00	0.01	0.00	1.48	1.26	0.00	0.00	0.01	0.00
1.49	1.20	0.00	0.00	0.01	0.00	1.50	1.16	0.00	0.00	0.01	0.00
1.51	1.12	0.00	0.00	0.01	0.00	1.52	1.07	0.00	0.00	0.01	0.00
1.53	1.07	0.00	0.00	0.01	0.00	1.54	1.04	0.00	0.00	0.01	0.00
1.55	1.03	0.00	0.00	0.01	0.00	1.56	1.03	0.00	0.00	0.01	0.00
1.57	1.03	0.00	0.00	0.01	0.00	1.58	1.04	0.00	0.00	0.01	0.00
1.59	1.04	0.00	0.00	0.01	0.00	1.60	1.03	0.00	0.00	0.01	0.00
1.61	1.03	0.00	0.00	0.01	0.00	1.62	1.03	0.00	0.00	0.01	0.00
1.63	1.03	0.00	0.00	0.01	0.00	1.64	1.03	0.00	0.00	0.01	0.00
1.65	1.04	0.00	0.00	0.01	0.00	1.66	1.03	0.00	0.00	0.01	0.00
1.67	1.05	0.00	0.00	0.01	0.00	1.68	1.05	0.00	0.00	0.01	0.00
1.69	1.06	0.00	0.00	0.01	0.00	1.70	1.07	0.00	0.00	0.01	0.00
1.71	1.08	0.00	0.00	0.01	0.00	1.72	1.06	0.00	0.00	0.01	0.00
1.73	1.05	0.00	0.00	0.01	0.00	1.74	1.04	0.00	0.00	0.01	0.00
1.75	1.04	0.00	0.00	0.01	0.00	1.76	1.04	0.00	0.00	0.01	0.00
1.77	1.06	0.00	0.00	0.01	0.00	1.78	1.07	0.00	0.00	0.01	0.00
1.79	1.08	0.00	0.00	0.01	0.00	1.80	1.08	0.00	0.00	0.01	0.00
1.81	1.09	0.00	0.00	0.01	0.00	1.82	1.09	0.00	0.00	0.01	0.00
1.83	1.09	0.00	0.00	0.01	0.00	1.84	1.10	0.00	0.00	0.01	0.00
1.85	1.11	0.00	0.00	0.01	0.00	1.86	1.10	0.00	0.00	0.01	0.00
1.87	1.11	0.00	0.00	0.01	0.00	1.88	1.11	0.00	0.00	0.01	0.00
1.89	1.10	0.00	0.00	0.01	0.00	1.90	1.09	0.00	0.00	0.01	0.00
1.91	1.09	0.00	0.00	0.01	0.00	1.92	1.08	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.98	0.00	0.00	0.01	0.00	1.94	0.77	0.23	1.30	0.01	0.02
1.95	0.80	0.20	1.60	0.01	0.02	1.96	0.81	0.19	1.77	0.01	0.02
1.97	0.83	0.00	0.00	0.01	0.02	1.98	0.84	0.00	0.00	0.01	0.01
1.99	0.87	0.00	0.00	0.01	0.01	2.00	1.02	0.00	0.00	0.01	0.00
2.01	1.24	0.00	0.00	0.01	0.00	2.02	1.38	0.00	0.00	0.01	0.00
2.03	1.61	0.00	0.00	0.01	0.00	2.04	1.63	0.00	0.00	0.01	0.00
2.05	1.64	0.00	0.00	0.01	0.00	2.06	1.66	0.00	0.00	0.01	0.00
2.07	1.69	0.00	0.00	0.01	0.00	2.08	1.74	0.00	0.00	0.01	0.00
2.09	1.89	0.00	0.00	0.01	0.00	2.10	1.93	0.00	0.00	0.01	0.00
2.11	1.93	0.00	0.00	0.01	0.00	2.12	1.90	0.00	0.00	0.01	0.00
2.13	1.88	0.00	0.00	0.01	0.00	2.14	1.95	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	1.91	0.00	0.00	0.01	0.00
2.65	1.49	0.00	0.00	0.01	0.00	2.66	1.34	0.00	0.00	0.01	0.00
2.67	1.23	0.00	0.00	0.01	0.00	2.68	1.14	0.00	0.00	0.01	0.00
2.69	1.07	0.00	0.00	0.01	0.00	2.70	1.03	0.00	0.00	0.01	0.00
2.71	0.94	0.00	0.00	0.01	0.01	2.72	0.92	0.00	0.00	0.01	0.01
2.73	0.91	0.00	0.00	0.01	0.01	2.74	0.89	0.00	0.00	0.01	0.01
2.75	0.87	0.00	0.00	0.01	0.01	2.76	0.91	0.00	0.00	0.01	0.01
2.77	0.94	0.00	0.00	0.01	0.00	2.78	0.97	0.00	0.00	0.01	0.00
2.79	0.98	0.00	0.00	0.01	0.00	2.80	0.99	0.00	0.00	0.01	0.00
2.81	0.99	0.00	0.00	0.01	0.00	2.82	0.96	0.00	0.00	0.01	0.00
2.83	0.93	0.00	0.00	0.01	0.01	2.84	0.89	0.00	0.00	0.01	0.01
2.85	0.85	0.00	0.00	0.01	0.01	2.86	0.82	0.18	1.92	0.01	0.02
2.87	0.79	0.21	1.55	0.01	0.02	2.88	0.75	0.25	1.22	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.73	0.27	1.07	0.01	0.02	2.90	0.72	0.28	1.00	0.01	0.02
2.91	0.71	0.29	0.95	0.01	0.02	2.92	0.71	0.29	0.95	0.01	0.03
2.93	0.70	0.30	0.94	0.01	0.03	2.94	0.66	0.34	0.77	0.01	0.03
2.95	0.67	0.33	0.82	0.01	0.03	2.96	0.68	0.32	0.85	0.01	0.03
2.97	0.69	0.31	0.89	0.01	0.03	2.98	0.70	0.30	0.92	0.01	0.03
2.99	0.70	0.30	0.94	0.01	0.03	3.00	0.71	0.29	0.96	0.01	0.02
3.01	0.73	0.27	1.08	0.01	0.02	3.02	0.78	0.22	1.39	0.01	0.02
3.03	0.79	0.21	1.58	0.01	0.02	3.04	0.80	0.20	1.72	0.01	0.02
3.05	0.80	0.20	1.71	0.01	0.02	3.06	0.80	0.20	1.61	0.01	0.02
3.07	0.78	0.22	1.44	0.01	0.02	3.08	0.72	0.28	1.01	0.01	0.02
3.09	0.68	0.32	0.85	0.01	0.03	3.10	0.65	0.35	0.74	0.01	0.03
3.11	0.62	0.38	0.68	0.01	0.03	3.12	0.61	0.39	0.65	0.01	0.03
3.13	0.60	0.40	0.64	0.01	0.03	3.14	0.59	0.41	0.61	0.01	0.03
3.15	0.59	0.41	0.61	0.01	0.03	3.16	0.59	0.41	0.61	0.01	0.03
3.17	0.59	0.41	0.61	0.01	0.03	3.18	0.58	0.42	0.60	0.01	0.04
3.19	0.58	0.42	0.59	0.01	0.04	3.20	0.57	0.43	0.58	0.01	0.04
3.21	0.57	0.43	0.58	0.01	0.04	3.22	0.57	0.43	0.58	0.01	0.04
3.23	0.58	0.42	0.60	0.01	0.04	3.24	0.59	0.41	0.61	0.01	0.03
3.25	0.60	0.40	0.64	0.01	0.03	3.26	0.64	0.36	0.72	0.01	0.03
3.27	0.66	0.34	0.78	0.01	0.03	3.28	0.69	0.31	0.87	0.01	0.03
3.29	0.72	0.28	0.99	0.01	0.02	3.30	0.75	0.25	1.16	0.01	0.02
3.31	0.81	0.19	1.78	0.01	0.02	3.32	0.84	0.00	0.00	0.01	0.01
3.33	0.86	0.00	0.00	0.01	0.01	3.34	0.88	0.00	0.00	0.01	0.01
3.35	0.90	0.00	0.00	0.01	0.01	3.36	0.94	0.00	0.00	0.01	0.00
3.37	0.96	0.00	0.00	0.01	0.00	3.38	0.96	0.00	0.00	0.01	0.00
3.39	0.96	0.00	0.00	0.01	0.00	3.40	0.96	0.00	0.00	0.01	0.00
3.41	0.95	0.00	0.00	0.01	0.00	3.42	0.94	0.00	0.00	0.01	0.01
3.43	0.91	0.00	0.00	0.01	0.01	3.44	0.89	0.00	0.00	0.01	0.01
3.45	0.86	0.00	0.00	0.01	0.01	3.46	0.84	0.00	0.00	0.01	0.01
3.47	0.81	0.19	1.79	0.01	0.02	3.48	0.78	0.22	1.44	0.01	0.02
3.49	0.72	0.28	1.01	0.01	0.02	3.50	0.69	0.31	0.87	0.01	0.03
3.51	0.67	0.33	0.81	0.01	0.03	3.52	0.68	0.32	0.84	0.01	0.03
3.53	0.72	0.28	0.99	0.01	0.02	3.54	0.73	0.27	1.08	0.01	0.02
3.55	0.77	0.23	1.38	0.01	0.02	3.56	0.79	0.21	1.57	0.01	0.02
3.57	0.80	0.20	1.62	0.01	0.02	3.58	0.79	0.21	1.51	0.01	0.02
3.59	0.78	0.22	1.43	0.01	0.02	3.60	0.74	0.26	1.14	0.01	0.02
3.61	0.74	0.26	1.10	0.01	0.02	3.62	0.73	0.27	1.04	0.01	0.02
3.63	0.71	0.29	0.98	0.01	0.02	3.64	0.70	0.30	0.93	0.01	0.02
3.65	0.70	0.30	0.90	0.01	0.02	3.66	0.69	0.31	0.88	0.01	0.03
3.67	0.67	0.33	0.82	0.01	0.03	3.68	0.68	0.32	0.84	0.01	0.03
3.69	0.64	0.36	0.72	0.01	0.03	3.70	0.60	0.40	0.63	0.01	0.03
3.71	0.57	0.43	0.58	0.01	0.03	3.72	0.56	0.44	0.57	0.01	0.04
3.73	0.56	0.44	0.56	0.01	0.04	3.74	0.57	0.43	0.57	0.01	0.04
3.75	0.58	0.42	0.60	0.01	0.03	3.76	0.61	0.39	0.65	0.01	0.03
3.77	0.65	0.35	0.75	0.01	0.03	3.78	0.74	0.26	1.13	0.01	0.02
3.79	0.78	0.22	1.47	0.01	0.02	3.80	0.81	0.19	1.76	0.01	0.02
3.81	0.82	0.18	1.97	0.01	0.01	3.82	0.82	0.18	1.89	0.01	0.01
3.83	0.81	0.19	1.76	0.01	0.02	3.84	0.78	0.22	1.46	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.78	0.22	1.47	0.01	0.02	3.86	0.76	0.24	1.27	0.01	0.02
3.87	0.75	0.25	1.22	0.01	0.02	3.88	0.75	0.25	1.19	0.01	0.02
3.89	0.75	0.25	1.19	0.01	0.02	3.90	0.75	0.25	1.19	0.01	0.02
3.91	0.75	0.25	1.21	0.01	0.02	3.92	0.75	0.25	1.20	0.01	0.02
3.93	0.75	0.25	1.19	0.01	0.02	3.94	0.70	0.30	0.93	0.01	0.02
3.95	0.72	0.28	1.02	0.01	0.02	3.96	0.71	0.29	0.98	0.01	0.02
3.97	0.70	0.30	0.93	0.01	0.02	3.98	0.70	0.30	0.91	0.01	0.02
3.99	0.70	0.30	0.92	0.01	0.02	4.00	0.71	0.29	0.95	0.01	0.02
4.01	0.75	0.25	1.19	0.01	0.02	4.02	0.76	0.24	1.26	0.01	0.02
4.03	0.78	0.22	1.40	0.01	0.02	4.04	0.80	0.20	1.60	0.01	0.02
4.05	0.81	0.19	1.85	0.01	0.01	4.06	0.83	0.00	0.00	0.01	0.01
4.07	0.87	0.00	0.00	0.01	0.01	4.08	0.87	0.00	0.00	0.01	0.01
4.09	0.86	0.00	0.00	0.01	0.01	4.10	0.85	0.00	0.00	0.01	0.01
4.11	0.85	0.00	0.00	0.01	0.01	4.12	0.81	0.19	1.74	0.01	0.02
4.13	0.80	0.20	1.72	0.01	0.02	4.14	0.73	0.27	1.06	0.01	0.02
4.15	0.69	0.31	0.87	0.01	0.02	4.16	0.65	0.35	0.74	0.01	0.03
4.17	0.60	0.40	0.64	0.01	0.03	4.18	0.57	0.43	0.57	0.01	0.03
4.19	0.54	0.46	0.53	0.01	0.04	4.20	0.57	0.43	0.57	0.01	0.03
4.21	0.58	0.42	0.60	0.01	0.03	4.22	0.62	0.38	0.68	0.01	0.03
4.23	0.62	0.38	0.68	0.01	0.03	4.24	0.62	0.38	0.68	0.01	0.03
4.25	0.62	0.38	0.66	0.01	0.03	4.26	0.61	0.39	0.65	0.01	0.03
4.27	0.60	0.40	0.63	0.01	0.03	4.28	0.61	0.39	0.65	0.01	0.03
4.29	0.60	0.40	0.64	0.01	0.03	4.30	0.60	0.40	0.63	0.01	0.03
4.31	0.59	0.41	0.62	0.01	0.03	4.32	0.59	0.41	0.61	0.01	0.03
4.33	0.58	0.42	0.60	0.01	0.03	4.34	0.55	0.45	0.55	0.01	0.03
4.35	0.58	0.42	0.58	0.01	0.03	4.36	0.59	0.41	0.61	0.01	0.03
4.37	0.60	0.40	0.64	0.01	0.03	4.38	0.62	0.38	0.67	0.01	0.03
4.39	0.63	0.37	0.70	0.01	0.03	4.40	0.64	0.36	0.72	0.01	0.03
4.41	0.64	0.36	0.73	0.01	0.03	4.42	0.65	0.35	0.75	0.01	0.03
4.43	0.65	0.35	0.76	0.01	0.03	4.44	0.66	0.34	0.77	0.01	0.03
4.45	0.66	0.34	0.79	0.01	0.03	4.46	0.67	0.33	0.81	0.01	0.03
4.47	0.68	0.32	0.85	0.01	0.02	4.48	0.69	0.31	0.89	0.01	0.02
4.49	0.71	0.29	0.95	0.01	0.02	4.50	0.73	0.27	1.08	0.01	0.02
4.51	0.77	0.23	1.35	0.01	0.02	4.52	0.85	0.00	0.00	0.01	0.01
4.53	0.88	0.00	0.00	0.01	0.01	4.54	0.89	0.00	0.00	0.01	0.01
4.55	0.90	0.00	0.00	0.01	0.01	4.56	0.88	0.00	0.00	0.01	0.01
4.57	0.84	0.00	0.00	0.01	0.01	4.58	0.77	0.23	1.30	0.01	0.02
4.59	0.72	0.28	1.02	0.01	0.02	4.60	0.68	0.32	0.86	0.01	0.02
4.61	0.65	0.35	0.75	0.01	0.03	4.62	0.62	0.38	0.67	0.01	0.03
4.63	0.59	0.41	0.61	0.01	0.03	4.64	0.58	0.42	0.59	0.01	0.03
4.65	0.57	0.43	0.58	0.01	0.03	4.66	0.60	0.40	0.64	0.01	0.03
4.67	0.62	0.38	0.67	0.01	0.03	4.68	0.63	0.37	0.70	0.01	0.03
4.69	0.63	0.37	0.71	0.01	0.03	4.70	0.64	0.36	0.71	0.01	0.03
4.71	0.64	0.36	0.73	0.01	0.03	4.72	0.63	0.37	0.71	0.01	0.03
4.73	0.64	0.36	0.72	0.01	0.03	4.74	0.63	0.37	0.71	0.01	0.03
4.75	0.63	0.37	0.70	0.01	0.03	4.76	0.62	0.38	0.67	0.01	0.03
4.77	0.62	0.38	0.67	0.01	0.03	4.78	0.59	0.41	0.61	0.01	0.03
4.79	0.56	0.44	0.56	0.01	0.03	4.80	0.52	0.48	0.51	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.52	0.48	0.50	0.01	0.04	4.82	0.53	0.47	0.52	0.01	0.04
4.83	0.54	0.46	0.53	0.01	0.03	4.84	0.55	0.45	0.54	0.01	0.03
4.85	0.54	0.46	0.53	0.01	0.03	4.86	0.53	0.47	0.52	0.01	0.04
4.87	0.53	0.47	0.52	0.01	0.04	4.88	0.53	0.47	0.51	0.01	0.04
4.89	0.53	0.47	0.52	0.01	0.04	4.90	0.53	0.47	0.52	0.01	0.04
4.91	0.54	0.46	0.53	0.01	0.03	4.92	0.54	0.46	0.53	0.01	0.03
4.93	0.54	0.46	0.53	0.01	0.03	4.94	0.52	0.48	0.50	0.01	0.04
4.95	0.57	0.43	0.57	0.01	0.03	4.96	0.58	0.42	0.59	0.01	0.03
4.97	0.58	0.42	0.59	0.01	0.03	4.98	0.57	0.43	0.58	0.01	0.03
4.99	0.56	0.44	0.56	0.01	0.03	5.00	0.55	0.45	0.54	0.01	0.03
5.01	0.53	0.47	0.52	0.01	0.04	5.02	0.53	0.47	0.52	0.01	0.03
5.03	0.55	0.45	0.54	0.01	0.03	5.04	0.57	0.43	0.57	0.01	0.03
5.05	0.60	0.40	0.63	0.01	0.03	5.06	0.67	0.33	0.82	0.01	0.02
5.07	0.72	0.28	1.00	0.01	0.02	5.08	0.76	0.24	1.26	0.01	0.02
5.09	0.78	0.22	1.47	0.01	0.02	5.10	0.78	0.22	1.47	0.01	0.02
5.11	0.76	0.24	1.29	0.01	0.02	5.12	0.69	0.31	0.90	0.01	0.02
5.13	0.65	0.35	0.75	0.01	0.03	5.14	0.61	0.39	0.65	0.01	0.03
5.15	0.57	0.43	0.58	0.01	0.03	5.16	0.55	0.45	0.54	0.01	0.03
5.17	0.53	0.47	0.51	0.01	0.04	5.18	0.50	0.50	0.48	0.01	0.04
5.19	0.49	0.51	0.47	0.01	0.04	5.20	0.48	0.52	0.45	0.01	0.04
5.21	0.47	0.53	0.44	0.01	0.04	5.22	0.47	0.53	0.45	0.01	0.04
5.23	0.49	0.51	0.47	0.01	0.04	5.24	0.53	0.47	0.51	0.01	0.03
5.25	0.54	0.46	0.53	0.01	0.03	5.26	0.56	0.44	0.56	0.01	0.03
5.27	0.56	0.44	0.56	0.01	0.03	5.28	0.56	0.44	0.56	0.01	0.03
5.29	0.56	0.44	0.55	0.01	0.03	5.30	0.55	0.45	0.55	0.01	0.03
5.31	0.54	0.46	0.53	0.01	0.03	5.32	0.54	0.46	0.52	0.01	0.03
5.33	0.50	0.50	0.47	0.01	0.04	5.34	0.47	0.53	0.45	0.01	0.04
5.35	0.52	0.48	0.50	0.01	0.04	5.36	0.58	0.42	0.59	0.01	0.03
5.37	0.63	0.37	0.71	0.01	0.03	5.38	0.68	0.32	0.86	0.01	0.02
5.39	0.74	0.26	1.14	0.01	0.02	5.40	0.74	0.26	1.14	0.01	0.02
5.41	0.73	0.27	1.08	0.01	0.02	5.42	0.70	0.30	0.93	0.01	0.02
5.43	0.66	0.34	0.79	0.01	0.02	5.44	0.58	0.42	0.59	0.01	0.03
5.45	0.58	0.42	0.59	0.01	0.03	5.46	0.49	0.51	0.46	0.01	0.04
5.47	0.45	0.55	0.43	0.01	0.04	5.48	0.48	0.52	0.45	0.01	0.04
5.49	0.54	0.46	0.53	0.01	0.03	5.50	0.54	0.46	0.53	0.01	0.03
5.51	0.52	0.48	0.51	0.01	0.03	5.52	0.50	0.50	0.48	0.01	0.04
5.53	2.00	0.00	0.00	0.01	0.00	5.54	2.00	0.00	0.00	0.01	0.00
5.55	2.00	0.00	0.00	0.01	0.00	5.56	2.00	0.00	0.00	0.01	0.00
5.57	2.00	0.00	0.00	0.01	0.00	5.58	2.00	0.00	0.00	0.01	0.00
5.59	2.00	0.00	0.00	0.01	0.00	5.60	0.55	0.45	0.54	0.01	0.03
5.61	0.63	0.37	0.70	0.01	0.03	5.62	0.64	0.36	0.72	0.01	0.03
5.63	0.58	0.42	0.60	0.01	0.03	5.64	0.53	0.47	0.51	0.01	0.03
5.65	2.00	0.00	0.00	0.01	0.00	5.66	2.00	0.00	0.00	0.01	0.00
5.67	2.00	0.00	0.00	0.01	0.00	5.68	2.00	0.00	0.00	0.01	0.00
5.69	2.00	0.00	0.00	0.01	0.00	5.70	0.49	0.51	0.46	0.01	0.04
5.71	0.52	0.48	0.50	0.01	0.03	5.72	0.52	0.48	0.50	0.01	0.03
5.73	0.51	0.49	0.49	0.01	0.04	5.74	0.46	0.54	0.43	0.01	0.04
5.75	0.45	0.55	0.43	0.01	0.04	5.76	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	2.00	0.00	0.00	0.01	0.00	5.78	2.00	0.00	0.00	0.01	0.00
5.79	2.00	0.00	0.00	0.01	0.00	5.80	2.00	0.00	0.00	0.01	0.00
5.81	2.00	0.00	0.00	0.01	0.00	5.82	2.00	0.00	0.00	0.01	0.00
5.83	2.00	0.00	0.00	0.01	0.00	5.84	2.00	0.00	0.00	0.01	0.00
5.85	2.00	0.00	0.00	0.01	0.00	5.86	2.00	0.00	0.00	0.01	0.00
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	2.00	0.00	0.00	0.01	0.00
6.17	2.00	0.00	0.00	0.01	0.00	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	2.00	0.00	0.00	0.01	0.00	6.26	2.00	0.00	0.00	0.01	0.00
6.27	2.00	0.00	0.00	0.01	0.00	6.28	2.00	0.00	0.00	0.01	0.00
6.29	2.00	0.00	0.00	0.01	0.00	6.30	2.00	0.00	0.00	0.01	0.00
6.31	2.00	0.00	0.00	0.01	0.00	6.32	2.00	0.00	0.00	0.01	0.00
6.33	2.00	0.00	0.00	0.01	0.00	6.34	2.00	0.00	0.00	0.01	0.00
6.35	2.00	0.00	0.00	0.01	0.00	6.36	2.00	0.00	0.00	0.01	0.00
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	2.00	0.00	0.00	0.01	0.00	6.40	2.00	0.00	0.00	0.01	0.00
6.41	2.00	0.00	0.00	0.01	0.00	6.42	2.00	0.00	0.00	0.01	0.00
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	2.00	0.00	0.00	0.01	0.00
6.57	2.00	0.00	0.00	0.01	0.00	6.58	2.00	0.00	0.00	0.01	0.00
6.59	2.00	0.00	0.00	0.01	0.00	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	2.00	0.00	0.00	0.01	0.00
6.93	2.00	0.00	0.00	0.01	0.00	6.94	2.00	0.00	0.00	0.01	0.00
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	2.00	0.00	0.00	0.01	0.00	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00

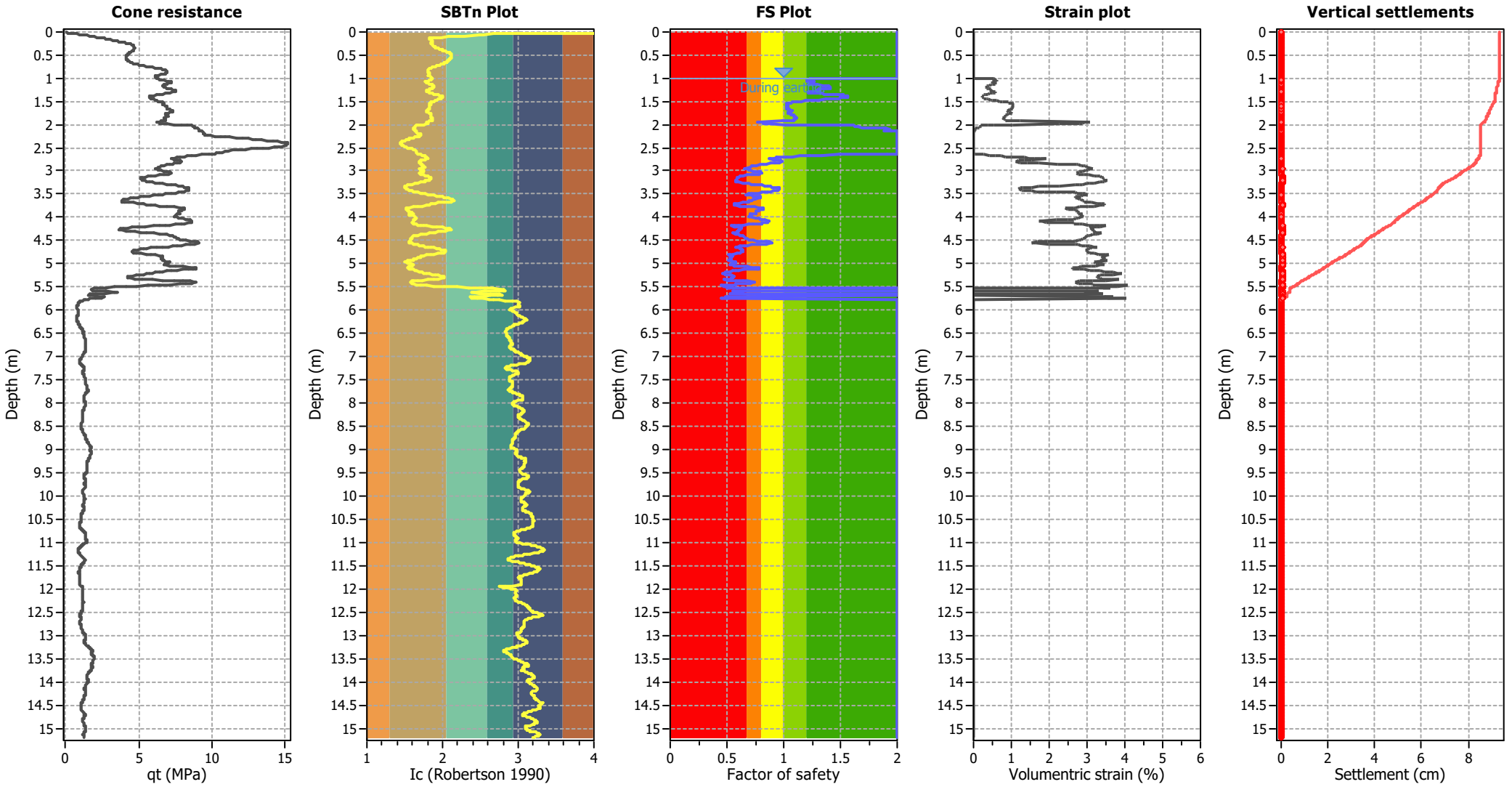
Overall liquefaction potential: 7.44

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	116.54	2.00	0.00	1.00	0.00	1.01	118.04	1.23	0.56	1.00	0.01
1.02	118.64	1.24	0.55	1.00	0.01	1.03	117.80	1.22	0.59	1.00	0.01
1.04	118.67	1.23	0.57	1.00	0.01	1.05	117.59	1.20	0.62	1.00	0.01
1.06	118.26	1.21	0.61	1.00	0.01	1.07	119.19	1.22	0.58	1.00	0.01
1.08	122.04	1.27	0.51	1.00	0.01	1.09	122.39	1.27	0.50	1.00	0.01
1.10	122.20	1.26	0.52	1.00	0.01	1.11	121.18	1.23	0.56	1.00	0.01
1.12	121.34	1.23	0.56	1.00	0.01	1.13	120.79	1.22	0.59	1.00	0.01
1.14	123.52	1.27	0.51	1.00	0.01	1.15	125.25	1.30	0.47	1.00	0.00
1.16	127.31	1.34	0.42	1.00	0.00	1.17	128.61	1.37	0.39	1.00	0.00
1.18	129.97	1.40	0.36	1.00	0.00	1.19	130.47	1.41	0.35	1.00	0.00
1.20	130.94	1.42	0.34	1.00	0.00	1.21	130.79	1.41	0.35	1.00	0.00
1.22	131.19	1.41	0.35	1.00	0.00	1.23	130.03	1.37	0.38	1.00	0.00
1.24	127.80	1.31	0.45	1.00	0.00	1.25	128.45	1.32	0.44	1.00	0.00
1.26	127.97	1.31	0.46	1.00	0.00	1.27	127.87	1.30	0.47	1.00	0.00
1.28	127.54	1.29	0.49	1.00	0.00	1.29	127.21	1.27	0.50	1.00	0.01
1.30	124.68	1.21	0.59	1.00	0.01	1.31	125.37	1.22	0.58	1.00	0.01
1.32	126.39	1.24	0.55	1.00	0.01	1.33	127.65	1.27	0.51	1.00	0.01
1.34	130.56	1.33	0.43	1.00	0.00	1.35	131.66	1.36	0.40	1.00	0.00
1.36	134.66	1.44	0.32	1.00	0.00	1.37	137.43	1.52	0.26	1.00	0.00
1.38	136.98	1.50	0.27	1.00	0.00	1.39	138.66	1.55	0.23	1.00	0.00
1.40	139.05	1.56	0.23	1.00	0.00	1.41	139.11	1.56	0.23	1.00	0.00
1.42	138.64	1.54	0.24	1.00	0.00	1.43	137.54	1.50	0.27	1.00	0.00
1.44	137.29	1.48	0.28	1.00	0.00	1.45	135.16	1.41	0.35	1.00	0.00
1.46	133.91	1.37	0.39	1.00	0.00	1.47	131.55	1.31	0.46	1.00	0.00
1.48	130.08	1.26	0.51	1.00	0.01	1.49	127.36	1.20	0.62	1.00	0.01
1.50	125.66	1.16	0.69	1.00	0.01	1.51	123.75	1.12	0.78	1.00	0.01
1.52	121.51	1.07	0.91	1.00	0.01	1.53	121.46	1.07	0.92	1.00	0.01
1.54	119.76	1.04	1.03	1.00	0.01	1.55	119.68	1.03	1.04	1.00	0.01
1.56	119.88	1.03	1.04	1.00	0.01	1.57	119.99	1.03	1.04	1.00	0.01
1.58	120.37	1.04	1.03	1.00	0.01	1.59	120.59	1.04	1.02	1.00	0.01
1.60	120.27	1.03	1.05	1.00	0.01	1.61	120.70	1.03	1.03	1.00	0.01
1.62	120.94	1.03	1.02	1.00	0.01	1.63	120.82	1.03	1.04	1.00	0.01
1.64	121.18	1.03	1.03	1.00	0.01	1.65	121.56	1.04	1.01	1.00	0.01
1.66	121.06	1.03	1.05	1.00	0.01	1.67	122.50	1.05	0.97	1.00	0.01
1.68	122.61	1.05	0.97	1.00	0.01	1.69	123.25	1.06	0.94	1.00	0.01
1.70	123.91	1.07	0.91	1.00	0.01	1.71	124.49	1.08	0.88	1.00	0.01
1.72	123.90	1.06	0.92	1.00	0.01	1.73	123.24	1.05	0.96	1.00	0.01
1.74	122.64	1.04	1.01	1.00	0.01	1.75	123.16	1.04	0.98	1.00	0.01
1.76	122.93	1.04	1.00	1.00	0.01	1.77	124.55	1.06	0.91	1.00	0.01
1.78	124.94	1.07	0.90	1.00	0.01	1.79	125.58	1.08	0.87	1.00	0.01
1.80	125.78	1.08	0.86	1.00	0.01	1.81	126.13	1.09	0.85	1.00	0.01
1.82	126.41	1.09	0.84	1.00	0.01	1.83	126.68	1.09	0.83	1.00	0.01
1.84	127.09	1.10	0.82	1.00	0.01	1.85	127.61	1.11	0.80	1.00	0.01
1.86	127.62	1.10	0.80	1.00	0.01	1.87	128.08	1.11	0.78	1.00	0.01
1.88	127.94	1.11	0.79	1.00	0.01	1.89	127.58	1.10	0.82	1.00	0.01
1.90	127.26	1.09	0.84	1.00	0.01	1.91	127.17	1.09	0.85	1.00	0.01
1.92	127.02	1.08	0.86	1.00	0.01	1.93	121.74	0.98	1.21	1.00	0.01
1.94	104.72	0.77	3.06	1.00	0.03	1.95	107.82	0.80	2.97	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	109.10	0.81	2.94	1.00	0.03	1.97	110.81	0.83	2.89	1.00	0.03
1.98	112.50	0.84	2.81	1.00	0.03	1.99	114.42	0.87	2.28	1.00	0.02
2.00	124.83	1.02	1.03	1.00	0.01	2.01	134.89	1.24	0.54	1.00	0.01
2.02	139.76	1.38	0.38	1.00	0.00	2.03	146.30	1.61	0.19	1.00	0.00
2.04	146.80	1.63	0.18	1.00	0.00	2.05	147.14	1.64	0.17	1.00	0.00
2.06	147.48	1.66	0.17	1.00	0.00	2.07	148.31	1.69	0.15	1.00	0.00
2.08	149.49	1.74	0.12	1.00	0.00	2.09	152.51	1.89	0.04	1.00	0.00
2.10	153.26	1.93	0.03	1.00	0.00	2.11	153.26	1.93	0.03	1.00	0.00
2.12	152.86	1.90	0.04	1.00	0.00	2.13	152.47	1.88	0.05	1.00	0.00
2.14	153.77	1.95	0.02	1.00	0.00	2.15	154.68	2.00	0.00	1.00	0.00
2.16	155.71	2.00	0.00	1.00	0.00	2.17	156.48	2.00	0.00	1.00	0.00
2.18	156.47	2.00	0.00	1.00	0.00	2.19	156.47	2.00	0.00	1.00	0.00
2.20	155.81	2.00	0.00	1.00	0.00	2.21	156.06	2.00	0.00	1.00	0.00
2.22	157.08	2.00	0.00	1.00	0.00	2.23	158.36	2.00	0.00	1.00	0.00
2.24	159.31	2.00	0.00	1.00	0.00	2.25	165.29	2.00	0.00	1.00	0.00
2.26	168.58	2.00	0.00	1.00	0.00	2.27	171.60	2.00	0.00	1.00	0.00
2.28	175.06	2.00	0.00	1.00	0.00	2.29	179.07	2.00	0.00	1.00	0.00
2.30	187.96	2.00	0.00	1.00	0.00	2.31	190.80	2.00	0.00	1.00	0.00
2.32	193.39	2.00	0.00	1.00	0.00	2.33	195.74	2.00	0.00	1.00	0.00
2.34	198.98	2.00	0.00	1.00	0.00	2.35	205.99	2.00	0.00	1.00	0.00
2.36	209.39	2.00	0.00	1.00	0.00	2.37	212.54	2.00	0.00	1.00	0.00
2.38	215.45	2.00	0.00	1.00	0.00	2.39	218.77	2.00	0.00	1.00	0.00
2.40	219.25	2.00	0.00	1.00	0.00	2.41	219.09	2.00	0.00	1.00	0.00
2.42	218.50	2.00	0.00	1.00	0.00	2.43	217.58	2.00	0.00	1.00	0.00
2.44	217.10	2.00	0.00	1.00	0.00	2.45	216.61	2.00	0.00	1.00	0.00
2.46	215.79	2.00	0.00	1.00	0.00	2.47	214.11	2.00	0.00	1.00	0.00
2.48	211.65	2.00	0.00	1.00	0.00	2.49	208.63	2.00	0.00	1.00	0.00
2.50	202.16	2.00	0.00	1.00	0.00	2.51	198.65	2.00	0.00	1.00	0.00
2.52	194.21	2.00	0.00	1.00	0.00	2.53	189.18	2.00	0.00	1.00	0.00
2.54	183.87	2.00	0.00	1.00	0.00	2.55	179.79	2.00	0.00	1.00	0.00
2.56	172.15	2.00	0.00	1.00	0.00	2.57	169.81	2.00	0.00	1.00	0.00
2.58	168.50	2.00	0.00	1.00	0.00	2.59	167.42	2.00	0.00	1.00	0.00
2.60	164.36	2.00	0.00	1.00	0.00	2.61	162.21	2.00	0.00	1.00	0.00
2.62	160.18	2.00	0.00	1.00	0.00	2.63	158.03	2.00	0.00	1.00	0.00
2.64	155.02	1.91	0.04	1.00	0.00	2.65	146.05	1.49	0.28	1.00	0.00
2.66	141.73	1.34	0.42	1.00	0.00	2.67	138.00	1.23	0.56	1.00	0.01
2.68	134.50	1.14	0.71	1.00	0.01	2.69	131.77	1.07	0.85	1.00	0.01
2.70	129.43	1.03	0.99	1.00	0.01	2.71	124.77	0.94	1.36	1.00	0.01
2.72	123.80	0.92	1.46	1.00	0.01	2.73	122.66	0.91	1.60	1.00	0.02
2.74	121.50	0.89	1.76	1.00	0.02	2.75	120.52	0.87	1.92	1.00	0.02
2.76	123.18	0.91	1.55	1.00	0.02	2.77	125.30	0.94	1.33	1.00	0.01
2.78	126.90	0.97	1.20	1.00	0.01	2.79	127.32	0.98	1.17	1.00	0.01
2.80	128.22	0.99	1.10	1.00	0.01	2.81	127.98	0.99	1.12	1.00	0.01
2.82	126.60	0.96	1.24	1.00	0.01	2.83	124.53	0.93	1.43	1.00	0.01
2.84	122.05	0.89	1.74	1.00	0.02	2.85	119.16	0.85	2.25	1.00	0.02
2.86	117.07	0.82	2.73	1.00	0.03	2.87	114.96	0.79	2.78	1.00	0.03
2.88	111.77	0.75	2.86	1.00	0.03	2.89	109.65	0.73	2.92	1.00	0.03
2.90	108.20	0.72	2.96	1.00	0.03	2.91	107.30	0.71	2.99	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	107.21	0.71	2.99	1.00	0.03	2.93	107.10	0.70	2.99	1.00	0.03
2.94	101.84	0.66	3.15	1.00	0.03	2.95	103.64	0.67	3.10	1.00	0.03
2.96	104.66	0.68	3.07	1.00	0.03	2.97	106.07	0.69	3.02	1.00	0.03
2.98	106.79	0.70	3.00	1.00	0.03	2.99	107.38	0.70	2.99	1.00	0.03
3.00	108.10	0.71	2.96	1.00	0.03	3.01	110.43	0.73	2.90	1.00	0.03
3.02	114.47	0.78	2.79	1.00	0.03	3.03	116.04	0.79	2.75	1.00	0.03
3.04	116.97	0.80	2.73	1.00	0.03	3.05	117.00	0.80	2.73	1.00	0.03
3.06	116.38	0.80	2.74	1.00	0.03	3.07	115.12	0.78	2.78	1.00	0.03
3.08	109.60	0.72	2.92	1.00	0.03	3.09	105.48	0.68	3.04	1.00	0.03
3.10	101.13	0.65	3.18	1.00	0.03	3.11	98.27	0.62	3.27	1.00	0.03
3.12	96.56	0.61	3.33	1.00	0.03	3.13	95.43	0.60	3.37	1.00	0.03
3.14	93.64	0.59	3.43	1.00	0.03	3.15	93.87	0.59	3.43	1.00	0.03
3.16	93.81	0.59	3.43	1.00	0.03	3.17	93.71	0.59	3.43	1.00	0.03
3.18	92.89	0.58	3.46	1.00	0.03	3.19	92.50	0.58	3.48	1.00	0.03
3.20	91.45	0.57	3.52	1.00	0.04	3.21	91.20	0.57	3.53	1.00	0.04
3.22	91.70	0.57	3.51	1.00	0.04	3.23	92.80	0.58	3.47	1.00	0.03
3.24	94.22	0.59	3.41	1.00	0.03	3.25	96.49	0.60	3.33	1.00	0.03
3.26	101.12	0.64	3.18	1.00	0.03	3.27	104.25	0.66	3.08	1.00	0.03
3.28	107.22	0.69	2.99	1.00	0.03	3.29	110.30	0.72	2.90	1.00	0.03
3.30	113.23	0.75	2.82	1.00	0.03	3.31	118.53	0.81	2.69	1.00	0.03
3.32	120.71	0.84	2.25	1.00	0.02	3.33	122.26	0.86	1.96	1.00	0.02
3.34	123.79	0.88	1.73	1.00	0.02	3.35	125.32	0.90	1.54	1.00	0.02
3.36	127.71	0.94	1.30	1.00	0.01	3.37	128.60	0.96	1.23	1.00	0.01
3.38	128.88	0.96	1.21	1.00	0.01	3.39	128.78	0.96	1.22	1.00	0.01
3.40	128.57	0.96	1.24	1.00	0.01	3.41	128.23	0.95	1.27	1.00	0.01
3.42	127.64	0.94	1.32	1.00	0.01	3.43	125.69	0.91	1.52	1.00	0.02
3.44	124.61	0.89	1.66	1.00	0.02	3.45	123.15	0.86	1.87	1.00	0.02
3.46	121.44	0.84	2.18	1.00	0.02	3.47	119.22	0.81	2.67	1.00	0.03
3.48	116.99	0.78	2.73	1.00	0.03	3.49	111.49	0.72	2.87	1.00	0.03
3.50	108.29	0.69	2.96	1.00	0.03	3.51	106.25	0.67	3.02	1.00	0.03
3.52	107.25	0.68	2.99	1.00	0.03	3.53	111.22	0.72	2.88	1.00	0.03
3.54	112.99	0.73	2.83	1.00	0.03	3.55	116.64	0.77	2.74	1.00	0.03
3.56	118.19	0.79	2.70	1.00	0.03	3.57	118.57	0.80	2.69	1.00	0.03
3.58	117.81	0.79	2.71	1.00	0.03	3.59	117.20	0.78	2.72	1.00	0.03
3.60	113.99	0.74	2.80	1.00	0.03	3.61	113.56	0.74	2.82	1.00	0.03
3.62	112.52	0.73	2.84	1.00	0.03	3.63	111.34	0.71	2.87	1.00	0.03
3.64	110.32	0.70	2.90	1.00	0.03	3.65	109.61	0.70	2.92	1.00	0.03
3.66	109.09	0.69	2.94	1.00	0.03	3.67	107.42	0.67	2.98	1.00	0.03
3.68	108.09	0.68	2.97	1.00	0.03	3.69	103.33	0.64	3.11	1.00	0.03
3.70	98.26	0.60	3.27	1.00	0.03	3.71	94.74	0.57	3.39	1.00	0.03
3.72	93.39	0.56	3.44	1.00	0.03	3.73	92.75	0.56	3.47	1.00	0.03
3.74	94.09	0.57	3.42	1.00	0.03	3.75	95.97	0.58	3.35	1.00	0.03
3.76	100.08	0.61	3.21	1.00	0.03	3.77	104.97	0.65	3.06	1.00	0.03
3.78	114.45	0.74	2.79	1.00	0.03	3.79	118.13	0.78	2.70	1.00	0.03
3.80	120.05	0.81	2.65	1.00	0.03	3.81	121.07	0.82	2.43	1.00	0.02
3.82	120.74	0.82	2.51	1.00	0.03	3.83	120.17	0.81	2.65	1.00	0.03
3.84	118.25	0.78	2.70	1.00	0.03	3.85	118.39	0.78	2.69	1.00	0.03
3.86	116.56	0.76	2.74	1.00	0.03	3.87	115.97	0.75	2.75	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	115.64	0.75	2.76	1.00	0.03	3.89	115.68	0.75	2.76	1.00	0.03
3.90	115.72	0.75	2.76	1.00	0.03	3.91	116.01	0.75	2.75	1.00	0.03
3.92	115.93	0.75	2.75	1.00	0.03	3.93	115.84	0.75	2.76	1.00	0.03
3.94	111.25	0.70	2.88	1.00	0.03	3.95	113.31	0.72	2.82	1.00	0.03
3.96	112.48	0.71	2.84	1.00	0.03	3.97	111.52	0.70	2.87	1.00	0.03
3.98	110.93	0.70	2.89	1.00	0.03	3.99	111.10	0.70	2.88	1.00	0.03
4.00	112.02	0.71	2.86	1.00	0.03	4.01	116.05	0.75	2.75	1.00	0.03
4.02	116.83	0.76	2.73	1.00	0.03	4.03	118.23	0.78	2.70	1.00	0.03
4.04	119.78	0.80	2.66	1.00	0.03	4.05	121.15	0.81	2.52	1.00	0.03
4.06	122.64	0.83	2.18	1.00	0.02	4.07	125.20	0.87	1.75	1.00	0.02
4.08	125.35	0.87	1.73	1.00	0.02	4.09	124.78	0.86	1.82	1.00	0.02
4.10	124.21	0.85	1.91	1.00	0.02	4.11	123.77	0.85	1.98	1.00	0.02
4.12	120.79	0.81	2.64	1.00	0.03	4.13	120.71	0.80	2.64	1.00	0.03
4.14	114.44	0.73	2.79	1.00	0.03	4.15	110.51	0.69	2.90	1.00	0.03
4.16	106.18	0.65	3.02	1.00	0.03	4.17	101.23	0.60	3.17	1.00	0.03
4.18	96.14	0.57	3.34	1.00	0.03	4.19	91.59	0.54	3.51	1.00	0.04
4.20	96.08	0.57	3.35	1.00	0.03	4.21	98.41	0.58	3.27	1.00	0.03
4.22	103.63	0.62	3.10	1.00	0.03	4.23	103.89	0.62	3.09	1.00	0.03
4.24	103.55	0.62	3.10	1.00	0.03	4.25	102.85	0.62	3.12	1.00	0.03
4.26	102.28	0.61	3.14	1.00	0.03	4.27	101.18	0.60	3.17	1.00	0.03
4.28	101.98	0.61	3.15	1.00	0.03	4.29	101.38	0.60	3.17	1.00	0.03
4.30	100.74	0.60	3.19	1.00	0.03	4.31	100.37	0.59	3.20	1.00	0.03
4.32	99.53	0.59	3.23	1.00	0.03	4.33	99.04	0.58	3.24	1.00	0.03
4.34	94.60	0.55	3.40	1.00	0.03	4.35	97.92	0.58	3.28	1.00	0.03
4.36	99.97	0.59	3.21	1.00	0.03	4.37	101.82	0.60	3.15	1.00	0.03
4.38	103.97	0.62	3.09	1.00	0.03	4.39	105.14	0.63	3.05	1.00	0.03
4.40	106.31	0.64	3.02	1.00	0.03	4.41	106.73	0.64	3.00	1.00	0.03
4.42	107.65	0.65	2.98	1.00	0.03	4.43	108.07	0.65	2.97	1.00	0.03
4.44	108.61	0.66	2.95	1.00	0.03	4.45	109.27	0.66	2.93	1.00	0.03
4.46	109.81	0.67	2.92	1.00	0.03	4.47	111.21	0.68	2.88	1.00	0.03
4.48	112.11	0.69	2.85	1.00	0.03	4.49	113.50	0.71	2.82	1.00	0.03
4.50	115.85	0.73	2.76	1.00	0.03	4.51	119.03	0.77	2.68	1.00	0.03
4.52	124.38	0.85	1.98	1.00	0.02	4.53	126.41	0.88	1.68	1.00	0.02
4.54	127.51	0.89	1.54	1.00	0.02	4.55	127.66	0.90	1.53	1.00	0.02
4.56	126.64	0.88	1.65	1.00	0.02	4.57	124.32	0.84	2.00	1.00	0.02
4.58	118.82	0.77	2.68	1.00	0.03	4.59	115.25	0.72	2.77	1.00	0.03
4.60	111.79	0.68	2.86	1.00	0.03	4.61	108.30	0.65	2.96	1.00	0.03
4.62	104.68	0.62	3.07	1.00	0.03	4.63	100.96	0.59	3.18	1.00	0.03
4.64	99.53	0.58	3.23	1.00	0.03	4.65	98.61	0.57	3.26	1.00	0.03
4.66	102.67	0.60	3.13	1.00	0.03	4.67	104.82	0.62	3.06	1.00	0.03
4.68	106.07	0.63	3.02	1.00	0.03	4.69	106.59	0.63	3.01	1.00	0.03
4.70	107.02	0.64	3.00	1.00	0.03	4.71	107.83	0.64	2.97	1.00	0.03
4.72	106.73	0.63	3.00	1.00	0.03	4.73	107.40	0.64	2.98	1.00	0.03
4.74	106.79	0.63	3.00	1.00	0.03	4.75	106.66	0.63	3.01	1.00	0.03
4.76	104.82	0.62	3.06	1.00	0.03	4.77	104.85	0.62	3.06	1.00	0.03
4.78	101.05	0.59	3.18	1.00	0.03	4.79	96.82	0.56	3.32	1.00	0.03
4.80	91.46	0.52	3.52	1.00	0.04	4.81	90.24	0.52	3.56	1.00	0.04
4.82	93.00	0.53	3.46	1.00	0.03	4.83	94.79	0.54	3.39	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	95.09	0.55	3.38	1.00	0.03	4.85	94.29	0.54	3.41	1.00	0.03
4.86	93.23	0.53	3.45	1.00	0.03	4.87	92.67	0.53	3.47	1.00	0.03
4.88	92.49	0.53	3.48	1.00	0.03	4.89	93.05	0.53	3.46	1.00	0.03
4.90	93.61	0.53	3.44	1.00	0.03	4.91	94.78	0.54	3.39	1.00	0.03
4.92	94.72	0.54	3.39	1.00	0.03	4.93	94.66	0.54	3.40	1.00	0.03
4.94	91.16	0.52	3.53	1.00	0.04	4.95	98.97	0.57	3.25	1.00	0.03
4.96	100.22	0.58	3.21	1.00	0.03	4.97	100.05	0.58	3.21	1.00	0.03
4.98	99.41	0.57	3.23	1.00	0.03	4.99	98.17	0.56	3.27	1.00	0.03
5.00	96.45	0.55	3.33	1.00	0.03	5.01	93.25	0.53	3.45	1.00	0.03
5.02	94.05	0.53	3.42	1.00	0.03	5.03	96.15	0.55	3.34	1.00	0.03
5.04	99.29	0.57	3.24	1.00	0.03	5.05	103.22	0.60	3.11	1.00	0.03
5.06	111.89	0.67	2.86	1.00	0.03	5.07	116.07	0.72	2.75	1.00	0.03
5.08	119.64	0.76	2.66	1.00	0.03	5.09	121.44	0.78	2.62	1.00	0.03
5.10	121.49	0.78	2.62	1.00	0.03	5.11	120.01	0.76	2.65	1.00	0.03
5.12	114.07	0.69	2.80	1.00	0.03	5.13	109.50	0.65	2.93	1.00	0.03
5.14	104.90	0.61	3.06	1.00	0.03	5.15	100.13	0.57	3.21	1.00	0.03
5.16	96.30	0.55	3.34	1.00	0.03	5.17	93.24	0.53	3.45	1.00	0.03
5.18	89.02	0.50	3.61	1.00	0.04	5.19	86.75	0.49	3.71	1.00	0.04
5.20	84.34	0.48	3.81	1.00	0.04	5.21	82.10	0.47	3.91	1.00	0.04
5.22	82.92	0.47	3.87	1.00	0.04	5.23	86.63	0.49	3.71	1.00	0.04
5.24	93.41	0.53	3.44	1.00	0.03	5.25	95.85	0.54	3.35	1.00	0.03
5.26	98.67	0.56	3.26	1.00	0.03	5.27	98.72	0.56	3.26	1.00	0.03
5.28	98.47	0.56	3.26	1.00	0.03	5.29	98.18	0.56	3.27	1.00	0.03
5.30	97.71	0.55	3.29	1.00	0.03	5.31	95.69	0.54	3.36	1.00	0.03
5.32	94.99	0.54	3.39	1.00	0.03	5.33	88.24	0.50	3.64	1.00	0.04
5.34	83.54	0.47	3.84	1.00	0.04	5.35	91.89	0.52	3.50	1.00	0.03
5.36	101.27	0.58	3.17	1.00	0.03	5.37	108.48	0.63	2.95	1.00	0.03
5.38	113.68	0.68	2.81	1.00	0.03	5.39	118.85	0.74	2.68	1.00	0.03
5.40	118.89	0.74	2.68	1.00	0.03	5.41	118.01	0.73	2.70	1.00	0.03
5.42	115.39	0.70	2.77	1.00	0.03	5.43	111.59	0.66	2.87	1.00	0.03
5.44	101.70	0.58	3.16	1.00	0.03	5.45	101.64	0.58	3.16	1.00	0.03
5.46	86.63	0.49	3.71	1.00	0.04	5.47	78.58	0.45	4.08	1.00	0.04
5.48	84.69	0.48	3.79	1.00	0.04	5.49	95.61	0.54	3.36	1.00	0.03
5.50	96.23	0.54	3.34	1.00	0.03	5.51	93.42	0.52	3.44	1.00	0.03
5.52	89.30	0.50	3.60	1.00	0.04	5.53	26.48	2.00	0.00	1.00	0.00
5.54	23.14	2.00	0.00	1.00	0.00	5.55	23.77	2.00	0.00	1.00	0.00
5.56	24.53	2.00	0.00	1.00	0.00	5.57	25.03	2.00	0.00	1.00	0.00
5.58	25.02	2.00	0.00	1.00	0.00	5.59	26.85	2.00	0.00	1.00	0.00
5.60	97.25	0.55	3.31	1.00	0.03	5.61	108.59	0.63	2.95	1.00	0.03
5.62	109.61	0.64	2.92	1.00	0.03	5.63	102.77	0.58	3.12	1.00	0.03
5.64	93.99	0.53	3.42	1.00	0.03	5.65	26.37	2.00	0.00	1.00	0.00
5.66	20.96	2.00	0.00	1.00	0.00	5.67	18.96	2.00	0.00	1.00	0.00
5.68	21.72	2.00	0.00	1.00	0.00	5.69	24.09	2.00	0.00	1.00	0.00
5.70	87.34	0.49	3.68	1.00	0.04	5.71	92.65	0.52	3.47	1.00	0.03
5.72	92.87	0.52	3.46	1.00	0.03	5.73	91.28	0.51	3.52	1.00	0.04
5.74	81.38	0.46	3.94	1.00	0.04	5.75	79.19	0.45	4.05	1.00	0.04
5.76	20.47	2.00	0.00	1.00	0.00	5.77	18.72	2.00	0.00	1.00	0.00
5.78	16.97	2.00	0.00	1.00	0.00	5.79	15.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	14.26	2.00	0.00	1.00	0.00	5.81	12.65	2.00	0.00	1.00	0.00
5.82	12.37	2.00	0.00	1.00	0.00	5.83	12.09	2.00	0.00	1.00	0.00
5.84	11.82	2.00	0.00	1.00	0.00	5.85	11.54	2.00	0.00	1.00	0.00
5.86	11.40	2.00	0.00	1.00	0.00	5.87	11.39	2.00	0.00	1.00	0.00
5.88	11.25	2.00	0.00	1.00	0.00	5.89	10.97	2.00	0.00	1.00	0.00
5.90	10.56	2.00	0.00	1.00	0.00	5.91	10.42	2.00	0.00	1.00	0.00
5.92	10.42	2.00	0.00	1.00	0.00	5.93	10.41	2.00	0.00	1.00	0.00
5.94	10.14	2.00	0.00	1.00	0.00	5.95	10.27	2.00	0.00	1.00	0.00
5.96	10.40	2.00	0.00	1.00	0.00	5.97	10.39	2.00	0.00	1.00	0.00
5.98	10.65	2.00	0.00	1.00	0.00	5.99	10.78	2.00	0.00	1.00	0.00
6.00	10.77	2.00	0.00	1.00	0.00	6.01	10.89	2.00	0.00	1.00	0.00
6.02	11.02	2.00	0.00	1.00	0.00	6.03	11.01	2.00	0.00	1.00	0.00
6.04	11.00	2.00	0.00	1.00	0.00	6.05	10.99	2.00	0.00	1.00	0.00
6.06	10.99	2.00	0.00	1.00	0.00	6.07	10.98	2.00	0.00	1.00	0.00
6.08	10.97	2.00	0.00	1.00	0.00	6.09	10.96	2.00	0.00	1.00	0.00
6.10	10.96	2.00	0.00	1.00	0.00	6.11	10.95	2.00	0.00	1.00	0.00
6.12	10.81	2.00	0.00	1.00	0.00	6.13	10.67	2.00	0.00	1.00	0.00
6.14	10.53	2.00	0.00	1.00	0.00	6.15	10.39	2.00	0.00	1.00	0.00
6.16	10.25	2.00	0.00	1.00	0.00	6.17	10.25	2.00	0.00	1.00	0.00
6.18	10.24	2.00	0.00	1.00	0.00	6.19	10.10	2.00	0.00	1.00	0.00
6.20	9.96	2.00	0.00	1.00	0.00	6.21	9.96	2.00	0.00	1.00	0.00
6.22	10.34	2.00	0.00	1.00	0.00	6.23	10.47	2.00	0.00	1.00	0.00
6.24	10.59	2.00	0.00	1.00	0.00	6.25	10.72	2.00	0.00	1.00	0.00
6.26	10.71	2.00	0.00	1.00	0.00	6.27	10.96	2.00	0.00	1.00	0.00
6.28	11.22	2.00	0.00	1.00	0.00	6.29	11.47	2.00	0.00	1.00	0.00
6.30	11.98	2.00	0.00	1.00	0.00	6.31	11.98	2.00	0.00	1.00	0.00
6.32	12.10	2.00	0.00	1.00	0.00	6.33	12.35	2.00	0.00	1.00	0.00
6.34	12.35	2.00	0.00	1.00	0.00	6.35	12.60	2.00	0.00	1.00	0.00
6.36	12.85	2.00	0.00	1.00	0.00	6.37	13.10	2.00	0.00	1.00	0.00
6.38	13.61	2.00	0.00	1.00	0.00	6.39	13.99	2.00	0.00	1.00	0.00
6.40	14.37	2.00	0.00	1.00	0.00	6.41	14.74	2.00	0.00	1.00	0.00
6.42	14.99	2.00	0.00	1.00	0.00	6.43	14.98	2.00	0.00	1.00	0.00
6.44	15.23	2.00	0.00	1.00	0.00	6.45	15.60	2.00	0.00	1.00	0.00
6.46	15.97	2.00	0.00	1.00	0.00	6.47	15.83	2.00	0.00	1.00	0.00
6.48	15.95	2.00	0.00	1.00	0.00	6.49	15.94	2.00	0.00	1.00	0.00
6.50	15.93	2.00	0.00	1.00	0.00	6.51	16.04	2.00	0.00	1.00	0.00
6.52	16.29	2.00	0.00	1.00	0.00	6.53	16.53	2.00	0.00	1.00	0.00
6.54	16.64	2.00	0.00	1.00	0.00	6.55	16.63	2.00	0.00	1.00	0.00
6.56	16.75	2.00	0.00	1.00	0.00	6.57	16.73	2.00	0.00	1.00	0.00
6.58	16.72	2.00	0.00	1.00	0.00	6.59	16.83	2.00	0.00	1.00	0.00
6.60	16.82	2.00	0.00	1.00	0.00	6.61	17.19	2.00	0.00	1.00	0.00
6.62	17.30	2.00	0.00	1.00	0.00	6.63	17.42	2.00	0.00	1.00	0.00
6.64	17.53	2.00	0.00	1.00	0.00	6.65	17.39	2.00	0.00	1.00	0.00
6.66	17.25	2.00	0.00	1.00	0.00	6.67	17.11	2.00	0.00	1.00	0.00
6.68	17.35	2.00	0.00	1.00	0.00	6.69	17.21	2.00	0.00	1.00	0.00
6.70	17.33	2.00	0.00	1.00	0.00	6.71	17.19	2.00	0.00	1.00	0.00
6.72	17.05	2.00	0.00	1.00	0.00	6.73	17.04	2.00	0.00	1.00	0.00
6.74	17.03	2.00	0.00	1.00	0.00	6.75	17.52	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	17.76	2.00	0.00	1.00	0.00	6.77	17.74	2.00	0.00	1.00	0.00
6.78	17.86	2.00	0.00	1.00	0.00	6.79	17.97	2.00	0.00	1.00	0.00
6.80	17.83	2.00	0.00	1.00	0.00	6.81	17.70	2.00	0.00	1.00	0.00
6.82	17.68	2.00	0.00	1.00	0.00	6.83	17.55	2.00	0.00	1.00	0.00
6.84	17.28	2.00	0.00	1.00	0.00	6.85	17.15	2.00	0.00	1.00	0.00
6.86	17.01	2.00	0.00	1.00	0.00	6.87	17.00	2.00	0.00	1.00	0.00
6.88	16.99	2.00	0.00	1.00	0.00	6.89	16.85	2.00	0.00	1.00	0.00
6.90	16.72	2.00	0.00	1.00	0.00	6.91	15.96	2.00	0.00	1.00	0.00
6.92	15.95	2.00	0.00	1.00	0.00	6.93	15.94	2.00	0.00	1.00	0.00
6.94	15.19	2.00	0.00	1.00	0.00	6.95	15.55	2.00	0.00	1.00	0.00
6.96	15.54	2.00	0.00	1.00	0.00	6.97	15.16	2.00	0.00	1.00	0.00
6.98	14.90	2.00	0.00	1.00	0.00	6.99	14.64	2.00	0.00	1.00	0.00
7.00	14.39	2.00	0.00	1.00	0.00	7.01	13.88	2.00	0.00	1.00	0.00
7.02	13.63	2.00	0.00	1.00	0.00	7.03	13.25	2.00	0.00	1.00	0.00
7.04	13.12	2.00	0.00	1.00	0.00	7.05	12.98	2.00	0.00	1.00	0.00
7.06	12.73	2.00	0.00	1.00	0.00	7.07	12.72	2.00	0.00	1.00	0.00
7.08	12.59	2.00	0.00	1.00	0.00	7.09	12.58	2.00	0.00	1.00	0.00
7.10	12.32	2.00	0.00	1.00	0.00	7.11	12.07	2.00	0.00	1.00	0.00
7.12	11.94	2.00	0.00	1.00	0.00	7.13	11.93	2.00	0.00	1.00	0.00
7.14	12.05	2.00	0.00	1.00	0.00	7.15	12.16	2.00	0.00	1.00	0.00
7.16	13.01	2.00	0.00	1.00	0.00	7.17	13.49	2.00	0.00	1.00	0.00
7.18	13.98	2.00	0.00	1.00	0.00	7.19	14.46	2.00	0.00	1.00	0.00
7.20	14.82	2.00	0.00	1.00	0.00	7.21	15.18	2.00	0.00	1.00	0.00
7.22	15.54	2.00	0.00	1.00	0.00	7.23	15.77	2.00	0.00	1.00	0.00
7.24	15.76	2.00	0.00	1.00	0.00	7.25	15.88	2.00	0.00	1.00	0.00
7.26	16.23	2.00	0.00	1.00	0.00	7.27	15.97	2.00	0.00	1.00	0.00
7.28	15.72	2.00	0.00	1.00	0.00	7.29	15.46	2.00	0.00	1.00	0.00
7.30	14.97	2.00	0.00	1.00	0.00	7.31	14.71	2.00	0.00	1.00	0.00
7.32	14.46	2.00	0.00	1.00	0.00	7.33	14.45	2.00	0.00	1.00	0.00
7.34	14.56	2.00	0.00	1.00	0.00	7.35	14.55	2.00	0.00	1.00	0.00
7.36	14.79	2.00	0.00	1.00	0.00	7.37	15.14	2.00	0.00	1.00	0.00
7.38	15.37	2.00	0.00	1.00	0.00	7.39	15.48	2.00	0.00	1.00	0.00
7.40	15.47	2.00	0.00	1.00	0.00	7.41	15.58	2.00	0.00	1.00	0.00
7.42	15.70	2.00	0.00	1.00	0.00	7.43	15.93	2.00	0.00	1.00	0.00
7.44	16.04	2.00	0.00	1.00	0.00	7.45	16.15	2.00	0.00	1.00	0.00
7.46	16.14	2.00	0.00	1.00	0.00	7.47	16.13	2.00	0.00	1.00	0.00
7.48	16.00	2.00	0.00	1.00	0.00	7.49	16.23	2.00	0.00	1.00	0.00
7.50	16.58	2.00	0.00	1.00	0.00	7.51	16.81	2.00	0.00	1.00	0.00
7.52	16.91	2.00	0.00	1.00	0.00	7.53	16.90	2.00	0.00	1.00	0.00
7.54	16.53	2.00	0.00	1.00	0.00	7.55	16.52	2.00	0.00	1.00	0.00
7.56	16.51	2.00	0.00	1.00	0.00	7.57	16.86	2.00	0.00	1.00	0.00
7.58	16.85	2.00	0.00	1.00	0.00	7.59	16.96	2.00	0.00	1.00	0.00
7.60	17.06	2.00	0.00	1.00	0.00	7.61	17.17	2.00	0.00	1.00	0.00
7.62	17.16	2.00	0.00	1.00	0.00	7.63	17.15	2.00	0.00	1.00	0.00
7.64	17.26	2.00	0.00	1.00	0.00	7.65	17.36	2.00	0.00	1.00	0.00
7.66	17.47	2.00	0.00	1.00	0.00	7.67	17.58	2.00	0.00	1.00	0.00
7.68	17.69	2.00	0.00	1.00	0.00	7.69	17.91	2.00	0.00	1.00	0.00
7.70	18.26	2.00	0.00	1.00	0.00	7.71	18.36	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	18.47	2.00	0.00	1.00	0.00	7.73	18.57	2.00	0.00	1.00	0.00
7.74	18.33	2.00	0.00	1.00	0.00	7.75	17.96	2.00	0.00	1.00	0.00
7.76	17.72	2.00	0.00	1.00	0.00	7.77	17.59	2.00	0.00	1.00	0.00
7.78	17.22	2.00	0.00	1.00	0.00	7.79	16.62	2.00	0.00	1.00	0.00
7.80	16.38	2.00	0.00	1.00	0.00	7.81	16.13	2.00	0.00	1.00	0.00
7.82	15.89	2.00	0.00	1.00	0.00	7.83	15.53	2.00	0.00	1.00	0.00
7.84	15.28	2.00	0.00	1.00	0.00	7.85	15.04	2.00	0.00	1.00	0.00
7.86	15.03	2.00	0.00	1.00	0.00	7.87	14.67	2.00	0.00	1.00	0.00
7.88	14.54	2.00	0.00	1.00	0.00	7.89	14.65	2.00	0.00	1.00	0.00
7.90	14.64	2.00	0.00	1.00	0.00	7.91	14.87	2.00	0.00	1.00	0.00
7.92	14.86	2.00	0.00	1.00	0.00	7.93	14.85	2.00	0.00	1.00	0.00
7.94	14.96	2.00	0.00	1.00	0.00	7.95	15.65	2.00	0.00	1.00	0.00
7.96	15.64	2.00	0.00	1.00	0.00	7.97	15.51	2.00	0.00	1.00	0.00
7.98	15.62	2.00	0.00	1.00	0.00	7.99	15.61	2.00	0.00	1.00	0.00
8.00	15.72	2.00	0.00	1.00	0.00	8.01	15.83	2.00	0.00	1.00	0.00
8.02	15.82	2.00	0.00	1.00	0.00	8.03	15.81	2.00	0.00	1.00	0.00
8.04	15.68	2.00	0.00	1.00	0.00	8.05	15.67	2.00	0.00	1.00	0.00
8.06	15.66	2.00	0.00	1.00	0.00	8.07	15.42	2.00	0.00	1.00	0.00
8.08	15.18	2.00	0.00	1.00	0.00	8.09	14.94	2.00	0.00	1.00	0.00
8.10	14.82	2.00	0.00	1.00	0.00	8.11	14.69	2.00	0.00	1.00	0.00
8.12	14.57	2.00	0.00	1.00	0.00	8.13	14.33	2.00	0.00	1.00	0.00
8.14	14.20	2.00	0.00	1.00	0.00	8.15	14.19	2.00	0.00	1.00	0.00
8.16	14.07	2.00	0.00	1.00	0.00	8.17	13.95	2.00	0.00	1.00	0.00
8.18	13.94	2.00	0.00	1.00	0.00	8.19	13.93	2.00	0.00	1.00	0.00
8.20	13.92	2.00	0.00	1.00	0.00	8.21	13.80	2.00	0.00	1.00	0.00
8.22	13.79	2.00	0.00	1.00	0.00	8.23	13.67	2.00	0.00	1.00	0.00
8.24	13.66	2.00	0.00	1.00	0.00	8.25	13.77	2.00	0.00	1.00	0.00
8.26	13.87	2.00	0.00	1.00	0.00	8.27	13.87	2.00	0.00	1.00	0.00
8.28	13.86	2.00	0.00	1.00	0.00	8.29	13.85	2.00	0.00	1.00	0.00
8.30	13.84	2.00	0.00	1.00	0.00	8.31	13.83	2.00	0.00	1.00	0.00
8.32	13.83	2.00	0.00	1.00	0.00	8.33	13.82	2.00	0.00	1.00	0.00
8.34	13.81	2.00	0.00	1.00	0.00	8.35	13.69	2.00	0.00	1.00	0.00
8.36	13.45	2.00	0.00	1.00	0.00	8.37	13.22	2.00	0.00	1.00	0.00
8.38	13.21	2.00	0.00	1.00	0.00	8.39	13.31	2.00	0.00	1.00	0.00
8.40	13.19	2.00	0.00	1.00	0.00	8.41	13.07	2.00	0.00	1.00	0.00
8.42	12.83	2.00	0.00	1.00	0.00	8.43	12.48	2.00	0.00	1.00	0.00
8.44	12.36	2.00	0.00	1.00	0.00	8.45	12.24	2.00	0.00	1.00	0.00
8.46	12.12	2.00	0.00	1.00	0.00	8.47	12.11	2.00	0.00	1.00	0.00
8.48	12.11	2.00	0.00	1.00	0.00	8.49	12.21	2.00	0.00	1.00	0.00
8.50	12.21	2.00	0.00	1.00	0.00	8.51	12.20	2.00	0.00	1.00	0.00
8.52	12.19	2.00	0.00	1.00	0.00	8.53	12.19	2.00	0.00	1.00	0.00
8.54	12.18	2.00	0.00	1.00	0.00	8.55	12.40	2.00	0.00	1.00	0.00
8.56	12.62	2.00	0.00	1.00	0.00	8.57	12.84	2.00	0.00	1.00	0.00
8.58	13.06	2.00	0.00	1.00	0.00	8.59	13.16	2.00	0.00	1.00	0.00
8.60	13.27	2.00	0.00	1.00	0.00	8.61	13.60	2.00	0.00	1.00	0.00
8.62	13.71	2.00	0.00	1.00	0.00	8.63	13.70	2.00	0.00	1.00	0.00
8.64	13.80	2.00	0.00	1.00	0.00	8.65	14.02	2.00	0.00	1.00	0.00
8.66	14.24	2.00	0.00	1.00	0.00	8.67	14.57	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	14.79	2.00	0.00	1.00	0.00	8.69	15.00	2.00	0.00	1.00	0.00
8.70	14.99	2.00	0.00	1.00	0.00	8.71	14.99	2.00	0.00	1.00	0.00
8.72	14.98	2.00	0.00	1.00	0.00	8.73	14.97	2.00	0.00	1.00	0.00
8.74	15.07	2.00	0.00	1.00	0.00	8.75	15.18	2.00	0.00	1.00	0.00
8.76	15.62	2.00	0.00	1.00	0.00	8.77	15.83	2.00	0.00	1.00	0.00
8.78	16.04	2.00	0.00	1.00	0.00	8.79	16.15	2.00	0.00	1.00	0.00
8.80	16.25	2.00	0.00	1.00	0.00	8.81	16.46	2.00	0.00	1.00	0.00
8.82	16.79	2.00	0.00	1.00	0.00	8.83	16.89	2.00	0.00	1.00	0.00
8.84	16.99	2.00	0.00	1.00	0.00	8.85	17.09	2.00	0.00	1.00	0.00
8.86	17.30	2.00	0.00	1.00	0.00	8.87	17.52	2.00	0.00	1.00	0.00
8.88	17.73	2.00	0.00	1.00	0.00	8.89	18.27	2.00	0.00	1.00	0.00
8.90	18.59	2.00	0.00	1.00	0.00	8.91	18.69	2.00	0.00	1.00	0.00
8.92	18.68	2.00	0.00	1.00	0.00	8.93	18.67	2.00	0.00	1.00	0.00
8.94	18.55	2.00	0.00	1.00	0.00	8.95	19.42	2.00	0.00	1.00	0.00
8.96	19.52	2.00	0.00	1.00	0.00	8.97	19.40	2.00	0.00	1.00	0.00
8.98	19.17	2.00	0.00	1.00	0.00	8.99	18.82	2.00	0.00	1.00	0.00
9.00	18.70	2.00	0.00	1.00	0.00	9.01	18.58	2.00	0.00	1.00	0.00
9.02	18.79	2.00	0.00	1.00	0.00	9.03	18.78	2.00	0.00	1.00	0.00
9.04	19.21	2.00	0.00	1.00	0.00	9.05	19.31	2.00	0.00	1.00	0.00
9.06	19.30	2.00	0.00	1.00	0.00	9.07	19.50	2.00	0.00	1.00	0.00
9.08	19.60	2.00	0.00	1.00	0.00	9.09	19.26	2.00	0.00	1.00	0.00
9.10	18.81	2.00	0.00	1.00	0.00	9.11	18.69	2.00	0.00	1.00	0.00
9.12	18.90	2.00	0.00	1.00	0.00	9.13	18.89	2.00	0.00	1.00	0.00
9.14	18.55	2.00	0.00	1.00	0.00	9.15	18.33	2.00	0.00	1.00	0.00
9.16	18.31	2.00	0.00	1.00	0.00	9.17	18.20	2.00	0.00	1.00	0.00
9.18	17.97	2.00	0.00	1.00	0.00	9.19	17.41	2.00	0.00	1.00	0.00
9.20	16.75	2.00	0.00	1.00	0.00	9.21	16.52	2.00	0.00	1.00	0.00
9.22	16.51	2.00	0.00	1.00	0.00	9.23	16.50	2.00	0.00	1.00	0.00
9.24	16.60	2.00	0.00	1.00	0.00	9.25	16.38	2.00	0.00	1.00	0.00
9.26	16.15	2.00	0.00	1.00	0.00	9.27	15.92	2.00	0.00	1.00	0.00
9.28	15.70	2.00	0.00	1.00	0.00	9.29	15.80	2.00	0.00	1.00	0.00
9.30	16.00	2.00	0.00	1.00	0.00	9.31	15.99	2.00	0.00	1.00	0.00
9.32	15.99	2.00	0.00	1.00	0.00	9.33	15.98	2.00	0.00	1.00	0.00
9.34	15.97	2.00	0.00	1.00	0.00	9.35	15.74	2.00	0.00	1.00	0.00
9.36	15.73	2.00	0.00	1.00	0.00	9.37	15.62	2.00	0.00	1.00	0.00
9.38	15.61	2.00	0.00	1.00	0.00	9.39	15.60	2.00	0.00	1.00	0.00
9.40	15.59	2.00	0.00	1.00	0.00	9.41	15.58	2.00	0.00	1.00	0.00
9.42	15.68	2.00	0.00	1.00	0.00	9.43	15.67	2.00	0.00	1.00	0.00
9.44	15.77	2.00	0.00	1.00	0.00	9.45	15.55	2.00	0.00	1.00	0.00
9.46	15.33	2.00	0.00	1.00	0.00	9.47	15.10	2.00	0.00	1.00	0.00
9.48	14.99	2.00	0.00	1.00	0.00	9.49	14.87	2.00	0.00	1.00	0.00
9.50	14.86	2.00	0.00	1.00	0.00	9.51	14.64	2.00	0.00	1.00	0.00
9.52	14.20	2.00	0.00	1.00	0.00	9.53	13.76	2.00	0.00	1.00	0.00
9.54	13.33	2.00	0.00	1.00	0.00	9.55	13.00	2.00	0.00	1.00	0.00
9.56	12.88	2.00	0.00	1.00	0.00	9.57	12.98	2.00	0.00	1.00	0.00
9.58	12.98	2.00	0.00	1.00	0.00	9.59	12.97	2.00	0.00	1.00	0.00
9.60	12.96	2.00	0.00	1.00	0.00	9.61	13.06	2.00	0.00	1.00	0.00
9.62	13.38	2.00	0.00	1.00	0.00	9.63	13.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	13.79	2.00	0.00	1.00	0.00	9.65	13.89	2.00	0.00	1.00	0.00
9.66	13.67	2.00	0.00	1.00	0.00	9.67	13.56	2.00	0.00	1.00	0.00
9.68	13.55	2.00	0.00	1.00	0.00	9.69	13.65	2.00	0.00	1.00	0.00
9.70	13.64	2.00	0.00	1.00	0.00	9.71	13.53	2.00	0.00	1.00	0.00
9.72	13.42	2.00	0.00	1.00	0.00	9.73	13.30	2.00	0.00	1.00	0.00
9.74	13.30	2.00	0.00	1.00	0.00	9.75	13.40	2.00	0.00	1.00	0.00
9.76	13.49	2.00	0.00	1.00	0.00	9.77	13.49	2.00	0.00	1.00	0.00
9.78	13.80	2.00	0.00	1.00	0.00	9.79	13.90	2.00	0.00	1.00	0.00
9.80	14.00	2.00	0.00	1.00	0.00	9.81	13.89	2.00	0.00	1.00	0.00
9.82	13.45	2.00	0.00	1.00	0.00	9.83	13.13	2.00	0.00	1.00	0.00
9.84	12.91	2.00	0.00	1.00	0.00	9.85	12.80	2.00	0.00	1.00	0.00
9.86	12.69	2.00	0.00	1.00	0.00	9.87	12.47	2.00	0.00	1.00	0.00
9.88	12.36	2.00	0.00	1.00	0.00	9.89	12.03	2.00	0.00	1.00	0.00
9.90	11.92	2.00	0.00	1.00	0.00	9.91	11.91	2.00	0.00	1.00	0.00
9.92	11.91	2.00	0.00	1.00	0.00	9.93	11.90	2.00	0.00	1.00	0.00
9.94	12.00	2.00	0.00	1.00	0.00	9.95	12.52	2.00	0.00	1.00	0.00
9.96	12.73	2.00	0.00	1.00	0.00	9.97	12.72	2.00	0.00	1.00	0.00
9.98	12.71	2.00	0.00	1.00	0.00	9.99	12.81	2.00	0.00	1.00	0.00
10.00	12.81	2.00	0.00	1.00	0.00	10.01	12.91	2.00	0.00	1.00	0.00
10.02	13.00	2.00	0.00	1.00	0.00	10.03	13.10	2.00	0.00	1.00	0.00
10.04	13.20	2.00	0.00	1.00	0.00	10.05	13.20	2.00	0.00	1.00	0.00
10.06	13.29	2.00	0.00	1.00	0.00	10.07	13.18	2.00	0.00	1.00	0.00
10.08	12.97	2.00	0.00	1.00	0.00	10.09	12.96	2.00	0.00	1.00	0.00
10.10	12.95	2.00	0.00	1.00	0.00	10.11	12.95	2.00	0.00	1.00	0.00
10.12	12.94	2.00	0.00	1.00	0.00	10.13	12.41	2.00	0.00	1.00	0.00
10.14	12.30	2.00	0.00	1.00	0.00	10.15	12.29	2.00	0.00	1.00	0.00
10.16	12.29	2.00	0.00	1.00	0.00	10.17	11.97	2.00	0.00	1.00	0.00
10.18	11.86	2.00	0.00	1.00	0.00	10.19	11.75	2.00	0.00	1.00	0.00
10.20	11.64	2.00	0.00	1.00	0.00	10.21	11.63	2.00	0.00	1.00	0.00
10.22	11.94	2.00	0.00	1.00	0.00	10.23	12.14	2.00	0.00	1.00	0.00
10.24	12.14	2.00	0.00	1.00	0.00	10.25	12.23	2.00	0.00	1.00	0.00
10.26	12.33	2.00	0.00	1.00	0.00	10.27	12.22	2.00	0.00	1.00	0.00
10.28	12.11	2.00	0.00	1.00	0.00	10.29	12.00	2.00	0.00	1.00	0.00
10.30	12.00	2.00	0.00	1.00	0.00	10.31	11.89	2.00	0.00	1.00	0.00
10.32	11.68	2.00	0.00	1.00	0.00	10.33	11.57	2.00	0.00	1.00	0.00
10.34	11.56	2.00	0.00	1.00	0.00	10.35	11.45	2.00	0.00	1.00	0.00
10.36	11.03	2.00	0.00	1.00	0.00	10.37	10.92	2.00	0.00	1.00	0.00
10.38	10.81	2.00	0.00	1.00	0.00	10.39	10.70	2.00	0.00	1.00	0.00
10.40	10.49	2.00	0.00	1.00	0.00	10.41	10.49	2.00	0.00	1.00	0.00
10.42	10.48	2.00	0.00	1.00	0.00	10.43	10.48	2.00	0.00	1.00	0.00
10.44	10.37	2.00	0.00	1.00	0.00	10.45	10.26	2.00	0.00	1.00	0.00
10.46	10.15	2.00	0.00	1.00	0.00	10.47	10.04	2.00	0.00	1.00	0.00
10.48	9.94	2.00	0.00	1.00	0.00	10.49	9.93	2.00	0.00	1.00	0.00
10.50	9.93	2.00	0.00	1.00	0.00	10.51	9.82	2.00	0.00	1.00	0.00
10.52	9.81	2.00	0.00	1.00	0.00	10.53	9.71	2.00	0.00	1.00	0.00
10.54	9.60	2.00	0.00	1.00	0.00	10.55	9.70	2.00	0.00	1.00	0.00
10.56	9.69	2.00	0.00	1.00	0.00	10.57	9.59	2.00	0.00	1.00	0.00
10.58	9.58	2.00	0.00	1.00	0.00	10.59	9.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	9.47	2.00	0.00	1.00	0.00	10.61	9.36	2.00	0.00	1.00	0.00
10.62	9.36	2.00	0.00	1.00	0.00	10.63	9.25	2.00	0.00	1.00	0.00
10.64	9.14	2.00	0.00	1.00	0.00	10.65	9.14	2.00	0.00	1.00	0.00
10.66	9.03	2.00	0.00	1.00	0.00	10.67	9.13	2.00	0.00	1.00	0.00
10.68	9.33	2.00	0.00	1.00	0.00	10.69	9.53	2.00	0.00	1.00	0.00
10.70	9.73	2.00	0.00	1.00	0.00	10.71	9.83	2.00	0.00	1.00	0.00
10.72	10.24	2.00	0.00	1.00	0.00	10.73	10.74	2.00	0.00	1.00	0.00
10.74	10.94	2.00	0.00	1.00	0.00	10.75	11.14	2.00	0.00	1.00	0.00
10.76	11.44	2.00	0.00	1.00	0.00	10.77	11.64	2.00	0.00	1.00	0.00
10.78	11.84	2.00	0.00	1.00	0.00	10.79	11.93	2.00	0.00	1.00	0.00
10.80	12.13	2.00	0.00	1.00	0.00	10.81	12.23	2.00	0.00	1.00	0.00
10.82	12.32	2.00	0.00	1.00	0.00	10.83	12.32	2.00	0.00	1.00	0.00
10.84	12.31	2.00	0.00	1.00	0.00	10.85	12.41	2.00	0.00	1.00	0.00
10.86	12.40	2.00	0.00	1.00	0.00	10.87	12.50	2.00	0.00	1.00	0.00
10.88	12.49	2.00	0.00	1.00	0.00	10.89	12.49	2.00	0.00	1.00	0.00
10.90	12.58	2.00	0.00	1.00	0.00	10.91	12.68	2.00	0.00	1.00	0.00
10.92	12.67	2.00	0.00	1.00	0.00	10.93	12.67	2.00	0.00	1.00	0.00
10.94	13.17	2.00	0.00	1.00	0.00	10.95	13.26	2.00	0.00	1.00	0.00
10.96	13.26	2.00	0.00	1.00	0.00	10.97	13.25	2.00	0.00	1.00	0.00
10.98	13.24	2.00	0.00	1.00	0.00	10.99	13.04	2.00	0.00	1.00	0.00
11.00	12.93	2.00	0.00	1.00	0.00	11.01	12.42	2.00	0.00	1.00	0.00
11.02	12.01	2.00	0.00	1.00	0.00	11.03	11.80	2.00	0.00	1.00	0.00
11.04	11.50	2.00	0.00	1.00	0.00	11.05	11.19	2.00	0.00	1.00	0.00
11.06	10.58	2.00	0.00	1.00	0.00	11.07	10.27	2.00	0.00	1.00	0.00
11.08	9.97	2.00	0.00	1.00	0.00	11.09	9.66	2.00	0.00	1.00	0.00
11.10	9.46	2.00	0.00	1.00	0.00	11.11	8.95	2.00	0.00	1.00	0.00
11.12	8.64	2.00	0.00	1.00	0.00	11.13	8.44	2.00	0.00	1.00	0.00
11.14	8.34	2.00	0.00	1.00	0.00	11.15	8.03	2.00	0.00	1.00	0.00
11.16	7.93	2.00	0.00	1.00	0.00	11.17	7.92	2.00	0.00	1.00	0.00
11.18	7.82	2.00	0.00	1.00	0.00	11.19	7.82	2.00	0.00	1.00	0.00
11.20	7.91	2.00	0.00	1.00	0.00	11.21	7.91	2.00	0.00	1.00	0.00
11.22	8.01	2.00	0.00	1.00	0.00	11.23	8.00	2.00	0.00	1.00	0.00
11.24	8.40	2.00	0.00	1.00	0.00	11.25	8.60	2.00	0.00	1.00	0.00
11.26	8.79	2.00	0.00	1.00	0.00	11.27	8.99	2.00	0.00	1.00	0.00
11.28	9.18	2.00	0.00	1.00	0.00	11.29	9.48	2.00	0.00	1.00	0.00
11.30	9.68	2.00	0.00	1.00	0.00	11.31	9.87	2.00	0.00	1.00	0.00
11.32	10.17	2.00	0.00	1.00	0.00	11.33	10.66	2.00	0.00	1.00	0.00
11.34	10.95	2.00	0.00	1.00	0.00	11.35	11.25	2.00	0.00	1.00	0.00
11.36	11.44	2.00	0.00	1.00	0.00	11.37	11.84	2.00	0.00	1.00	0.00
11.38	12.03	2.00	0.00	1.00	0.00	11.39	12.03	2.00	0.00	1.00	0.00
11.40	11.82	2.00	0.00	1.00	0.00	11.41	11.62	2.00	0.00	1.00	0.00
11.42	11.51	2.00	0.00	1.00	0.00	11.43	11.51	2.00	0.00	1.00	0.00
11.44	11.31	2.00	0.00	1.00	0.00	11.45	11.20	2.00	0.00	1.00	0.00
11.46	10.80	2.00	0.00	1.00	0.00	11.47	10.50	2.00	0.00	1.00	0.00
11.48	10.30	2.00	0.00	1.00	0.00	11.49	10.00	2.00	0.00	1.00	0.00
11.50	9.89	2.00	0.00	1.00	0.00	11.51	9.59	2.00	0.00	1.00	0.00
11.52	9.39	2.00	0.00	1.00	0.00	11.53	9.19	2.00	0.00	1.00	0.00
11.54	8.99	2.00	0.00	1.00	0.00	11.55	8.79	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	8.68	2.00	0.00	1.00	0.00	11.57	8.58	2.00	0.00	1.00	0.00
11.58	8.48	2.00	0.00	1.00	0.00	11.59	8.47	2.00	0.00	1.00	0.00
11.60	8.47	2.00	0.00	1.00	0.00	11.61	8.37	2.00	0.00	1.00	0.00
11.62	8.37	2.00	0.00	1.00	0.00	11.63	8.26	2.00	0.00	1.00	0.00
11.64	8.16	2.00	0.00	1.00	0.00	11.65	8.16	2.00	0.00	1.00	0.00
11.66	8.16	2.00	0.00	1.00	0.00	11.67	8.25	2.00	0.00	1.00	0.00
11.68	8.35	2.00	0.00	1.00	0.00	11.69	8.34	2.00	0.00	1.00	0.00
11.70	8.34	2.00	0.00	1.00	0.00	11.71	8.34	2.00	0.00	1.00	0.00
11.72	8.43	2.00	0.00	1.00	0.00	11.73	8.53	2.00	0.00	1.00	0.00
11.74	8.62	2.00	0.00	1.00	0.00	11.75	8.62	2.00	0.00	1.00	0.00
11.76	8.71	2.00	0.00	1.00	0.00	11.77	8.71	2.00	0.00	1.00	0.00
11.78	8.71	2.00	0.00	1.00	0.00	11.79	8.70	2.00	0.00	1.00	0.00
11.80	8.70	2.00	0.00	1.00	0.00	11.81	8.70	2.00	0.00	1.00	0.00
11.82	8.69	2.00	0.00	1.00	0.00	11.83	8.69	2.00	0.00	1.00	0.00
11.84	8.69	2.00	0.00	1.00	0.00	11.85	8.68	2.00	0.00	1.00	0.00
11.86	8.78	2.00	0.00	1.00	0.00	11.87	8.87	2.00	0.00	1.00	0.00
11.88	8.87	2.00	0.00	1.00	0.00	11.89	8.87	2.00	0.00	1.00	0.00
11.90	8.86	2.00	0.00	1.00	0.00	11.91	8.86	2.00	0.00	1.00	0.00
11.92	8.86	2.00	0.00	1.00	0.00	11.93	8.85	2.00	0.00	1.00	0.00
11.94	10.70	2.00	0.00	1.00	0.00	11.95	10.79	2.00	0.00	1.00	0.00
11.96	10.60	2.00	0.00	1.00	0.00	11.97	10.49	2.00	0.00	1.00	0.00
11.98	10.30	2.00	0.00	1.00	0.00	11.99	10.20	2.00	0.00	1.00	0.00
12.00	9.90	2.00	0.00	1.00	0.00	12.01	9.90	2.00	0.00	1.00	0.00
12.02	9.89	2.00	0.00	1.00	0.00	12.03	9.89	2.00	0.00	1.00	0.00
12.04	9.89	2.00	0.00	1.00	0.00	12.05	9.88	2.00	0.00	1.00	0.00
12.06	9.78	2.00	0.00	1.00	0.00	12.07	9.78	2.00	0.00	1.00	0.00
12.08	9.58	2.00	0.00	1.00	0.00	12.09	9.48	2.00	0.00	1.00	0.00
12.10	9.48	2.00	0.00	1.00	0.00	12.11	9.47	2.00	0.00	1.00	0.00
12.12	9.37	2.00	0.00	1.00	0.00	12.13	9.18	2.00	0.00	1.00	0.00
12.14	9.17	2.00	0.00	1.00	0.00	12.15	9.17	2.00	0.00	1.00	0.00
12.16	9.17	2.00	0.00	1.00	0.00	12.17	9.26	2.00	0.00	1.00	0.00
12.18	9.35	2.00	0.00	1.00	0.00	12.19	9.45	2.00	0.00	1.00	0.00
12.20	9.54	2.00	0.00	1.00	0.00	12.21	9.73	2.00	0.00	1.00	0.00
12.22	9.82	2.00	0.00	1.00	0.00	12.23	9.91	2.00	0.00	1.00	0.00
12.24	10.01	2.00	0.00	1.00	0.00	12.25	10.19	2.00	0.00	1.00	0.00
12.26	10.38	2.00	0.00	1.00	0.00	12.27	10.48	2.00	0.00	1.00	0.00
12.28	10.47	2.00	0.00	1.00	0.00	12.29	10.47	2.00	0.00	1.00	0.00
12.30	10.66	2.00	0.00	1.00	0.00	12.31	10.65	2.00	0.00	1.00	0.00
12.32	10.65	2.00	0.00	1.00	0.00	12.33	10.74	2.00	0.00	1.00	0.00
12.34	10.74	2.00	0.00	1.00	0.00	12.35	10.63	2.00	0.00	1.00	0.00
12.36	10.53	2.00	0.00	1.00	0.00	12.37	10.53	2.00	0.00	1.00	0.00
12.38	10.53	2.00	0.00	1.00	0.00	12.39	10.43	2.00	0.00	1.00	0.00
12.40	10.33	2.00	0.00	1.00	0.00	12.41	10.42	2.00	0.00	1.00	0.00
12.42	10.41	2.00	0.00	1.00	0.00	12.43	10.50	2.00	0.00	1.00	0.00
12.44	10.40	2.00	0.00	1.00	0.00	12.45	10.31	2.00	0.00	1.00	0.00
12.46	10.21	2.00	0.00	1.00	0.00	12.47	10.11	2.00	0.00	1.00	0.00
12.48	10.10	2.00	0.00	1.00	0.00	12.49	10.00	2.00	0.00	1.00	0.00
12.50	9.81	2.00	0.00	1.00	0.00	12.51	9.42	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	9.23	2.00	0.00	1.00	0.00	12.53	9.03	2.00	0.00	1.00	0.00
12.54	8.84	2.00	0.00	1.00	0.00	12.55	8.45	2.00	0.00	1.00	0.00
12.56	8.16	2.00	0.00	1.00	0.00	12.57	8.16	2.00	0.00	1.00	0.00
12.58	8.16	2.00	0.00	1.00	0.00	12.59	8.63	2.00	0.00	1.00	0.00
12.60	8.91	2.00	0.00	1.00	0.00	12.61	9.10	2.00	0.00	1.00	0.00
12.62	9.19	2.00	0.00	1.00	0.00	12.63	9.09	2.00	0.00	1.00	0.00
12.64	8.90	2.00	0.00	1.00	0.00	12.65	8.80	2.00	0.00	1.00	0.00
12.66	8.80	2.00	0.00	1.00	0.00	12.67	8.79	2.00	0.00	1.00	0.00
12.68	8.70	2.00	0.00	1.00	0.00	12.69	8.60	2.00	0.00	1.00	0.00
12.70	8.50	2.00	0.00	1.00	0.00	12.71	8.50	2.00	0.00	1.00	0.00
12.72	8.49	2.00	0.00	1.00	0.00	12.73	8.49	2.00	0.00	1.00	0.00
12.74	8.49	2.00	0.00	1.00	0.00	12.75	8.58	2.00	0.00	1.00	0.00
12.76	8.58	2.00	0.00	1.00	0.00	12.77	8.67	2.00	0.00	1.00	0.00
12.78	8.76	2.00	0.00	1.00	0.00	12.79	8.76	2.00	0.00	1.00	0.00
12.80	8.75	2.00	0.00	1.00	0.00	12.81	8.84	2.00	0.00	1.00	0.00
12.82	8.94	2.00	0.00	1.00	0.00	12.83	9.03	2.00	0.00	1.00	0.00
12.84	9.21	2.00	0.00	1.00	0.00	12.85	9.30	2.00	0.00	1.00	0.00
12.86	9.39	2.00	0.00	1.00	0.00	12.87	9.48	2.00	0.00	1.00	0.00
12.88	9.57	2.00	0.00	1.00	0.00	12.89	9.76	2.00	0.00	1.00	0.00
12.90	9.76	2.00	0.00	1.00	0.00	12.91	9.85	2.00	0.00	1.00	0.00
12.92	9.84	2.00	0.00	1.00	0.00	12.93	9.84	2.00	0.00	1.00	0.00
12.94	10.21	2.00	0.00	1.00	0.00	12.95	10.77	2.00	0.00	1.00	0.00
12.96	10.86	2.00	0.00	1.00	0.00	12.97	10.95	2.00	0.00	1.00	0.00
12.98	11.04	2.00	0.00	1.00	0.00	12.99	11.23	2.00	0.00	1.00	0.00
13.00	11.22	2.00	0.00	1.00	0.00	13.01	11.40	2.00	0.00	1.00	0.00
13.02	11.49	2.00	0.00	1.00	0.00	13.03	11.58	2.00	0.00	1.00	0.00
13.04	11.67	2.00	0.00	1.00	0.00	13.05	11.76	2.00	0.00	1.00	0.00
13.06	11.76	2.00	0.00	1.00	0.00	13.07	11.57	2.00	0.00	1.00	0.00
13.08	11.47	2.00	0.00	1.00	0.00	13.09	11.28	2.00	0.00	1.00	0.00
13.10	11.08	2.00	0.00	1.00	0.00	13.11	10.99	2.00	0.00	1.00	0.00
13.12	10.70	2.00	0.00	1.00	0.00	13.13	10.70	2.00	0.00	1.00	0.00
13.14	10.69	2.00	0.00	1.00	0.00	13.15	10.78	2.00	0.00	1.00	0.00
13.16	10.96	2.00	0.00	1.00	0.00	13.17	11.15	2.00	0.00	1.00	0.00
13.18	11.33	2.00	0.00	1.00	0.00	13.19	11.51	2.00	0.00	1.00	0.00
13.20	11.69	2.00	0.00	1.00	0.00	13.21	11.78	2.00	0.00	1.00	0.00
13.22	11.96	2.00	0.00	1.00	0.00	13.23	12.61	2.00	0.00	1.00	0.00
13.24	12.79	2.00	0.00	1.00	0.00	13.25	12.97	2.00	0.00	1.00	0.00
13.26	13.25	2.00	0.00	1.00	0.00	13.27	13.52	2.00	0.00	1.00	0.00
13.28	14.26	2.00	0.00	1.00	0.00	13.29	14.63	2.00	0.00	1.00	0.00
13.30	14.81	2.00	0.00	1.00	0.00	13.31	15.17	2.00	0.00	1.00	0.00
13.32	15.63	2.00	0.00	1.00	0.00	13.33	15.72	2.00	0.00	1.00	0.00
13.34	15.90	2.00	0.00	1.00	0.00	13.35	16.08	2.00	0.00	1.00	0.00
13.36	16.17	2.00	0.00	1.00	0.00	13.37	16.16	2.00	0.00	1.00	0.00
13.38	16.25	2.00	0.00	1.00	0.00	13.39	16.24	2.00	0.00	1.00	0.00
13.40	16.24	2.00	0.00	1.00	0.00	13.41	16.32	2.00	0.00	1.00	0.00
13.42	16.50	2.00	0.00	1.00	0.00	13.43	16.59	2.00	0.00	1.00	0.00
13.44	17.14	2.00	0.00	1.00	0.00	13.45	17.41	2.00	0.00	1.00	0.00
13.46	17.59	2.00	0.00	1.00	0.00	13.47	17.95	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	18.32	2.00	0.00	1.00	0.00	13.49	18.31	2.00	0.00	1.00	0.00
13.50	18.21	2.00	0.00	1.00	0.00	13.51	18.02	2.00	0.00	1.00	0.00
13.52	17.73	2.00	0.00	1.00	0.00	13.53	17.45	2.00	0.00	1.00	0.00
13.54	17.07	2.00	0.00	1.00	0.00	13.55	16.97	2.00	0.00	1.00	0.00
13.56	17.15	2.00	0.00	1.00	0.00	13.57	17.33	2.00	0.00	1.00	0.00
13.58	17.32	2.00	0.00	1.00	0.00	13.59	17.04	2.00	0.00	1.00	0.00
13.60	16.48	2.00	0.00	1.00	0.00	13.61	16.38	2.00	0.00	1.00	0.00
13.62	16.18	2.00	0.00	1.00	0.00	13.63	15.99	2.00	0.00	1.00	0.00
13.64	15.99	2.00	0.00	1.00	0.00	13.65	16.07	2.00	0.00	1.00	0.00
13.66	16.34	2.00	0.00	1.00	0.00	13.67	16.98	2.00	0.00	1.00	0.00
13.68	16.97	2.00	0.00	1.00	0.00	13.69	16.87	2.00	0.00	1.00	0.00
13.70	16.87	2.00	0.00	1.00	0.00	13.71	16.22	2.00	0.00	1.00	0.00
13.72	15.84	2.00	0.00	1.00	0.00	13.73	15.74	2.00	0.00	1.00	0.00
13.74	15.74	2.00	0.00	1.00	0.00	13.75	15.55	2.00	0.00	1.00	0.00
13.76	15.27	2.00	0.00	1.00	0.00	13.77	14.99	2.00	0.00	1.00	0.00
13.78	14.61	2.00	0.00	1.00	0.00	13.79	14.42	2.00	0.00	1.00	0.00
13.80	14.33	2.00	0.00	1.00	0.00	13.81	13.96	2.00	0.00	1.00	0.00
13.82	13.77	2.00	0.00	1.00	0.00	13.83	13.67	2.00	0.00	1.00	0.00
13.84	13.57	2.00	0.00	1.00	0.00	13.85	13.48	2.00	0.00	1.00	0.00
13.86	13.47	2.00	0.00	1.00	0.00	13.87	13.56	2.00	0.00	1.00	0.00
13.88	13.46	2.00	0.00	1.00	0.00	13.89	13.46	2.00	0.00	1.00	0.00
13.90	13.45	2.00	0.00	1.00	0.00	13.91	13.44	2.00	0.00	1.00	0.00
13.92	13.44	2.00	0.00	1.00	0.00	13.93	13.43	2.00	0.00	1.00	0.00
13.94	13.06	2.00	0.00	1.00	0.00	13.95	13.42	2.00	0.00	1.00	0.00
13.96	13.78	2.00	0.00	1.00	0.00	13.97	13.78	2.00	0.00	1.00	0.00
13.98	13.86	2.00	0.00	1.00	0.00	13.99	13.76	2.00	0.00	1.00	0.00
14.00	13.67	2.00	0.00	1.00	0.00	14.01	13.30	2.00	0.00	1.00	0.00
14.02	13.02	2.00	0.00	1.00	0.00	14.03	12.84	2.00	0.00	1.00	0.00
14.04	12.83	2.00	0.00	1.00	0.00	14.05	12.74	2.00	0.00	1.00	0.00
14.06	12.46	2.00	0.00	1.00	0.00	14.07	12.28	2.00	0.00	1.00	0.00
14.08	12.18	2.00	0.00	1.00	0.00	14.09	11.99	2.00	0.00	1.00	0.00
14.10	11.81	2.00	0.00	1.00	0.00	14.11	11.72	2.00	0.00	1.00	0.00
14.12	11.62	2.00	0.00	1.00	0.00	14.13	11.53	2.00	0.00	1.00	0.00
14.14	11.52	2.00	0.00	1.00	0.00	14.15	11.52	2.00	0.00	1.00	0.00
14.16	11.51	2.00	0.00	1.00	0.00	14.17	11.51	2.00	0.00	1.00	0.00
14.18	11.50	2.00	0.00	1.00	0.00	14.19	11.68	2.00	0.00	1.00	0.00
14.20	11.85	2.00	0.00	1.00	0.00	14.21	12.12	2.00	0.00	1.00	0.00
14.22	12.20	2.00	0.00	1.00	0.00	14.23	12.20	2.00	0.00	1.00	0.00
14.24	12.10	2.00	0.00	1.00	0.00	14.25	11.83	2.00	0.00	1.00	0.00
14.26	11.74	2.00	0.00	1.00	0.00	14.27	11.64	2.00	0.00	1.00	0.00
14.28	11.64	2.00	0.00	1.00	0.00	14.29	11.45	2.00	0.00	1.00	0.00
14.30	11.45	2.00	0.00	1.00	0.00	14.31	11.45	2.00	0.00	1.00	0.00
14.32	11.44	2.00	0.00	1.00	0.00	14.33	11.53	2.00	0.00	1.00	0.00
14.34	11.43	2.00	0.00	1.00	0.00	14.35	11.43	2.00	0.00	1.00	0.00
14.36	11.25	2.00	0.00	1.00	0.00	14.37	11.15	2.00	0.00	1.00	0.00
14.38	10.97	2.00	0.00	1.00	0.00	14.39	10.70	2.00	0.00	1.00	0.00
14.40	10.43	2.00	0.00	1.00	0.00	14.41	10.25	2.00	0.00	1.00	0.00
14.42	10.15	2.00	0.00	1.00	0.00	14.43	10.15	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

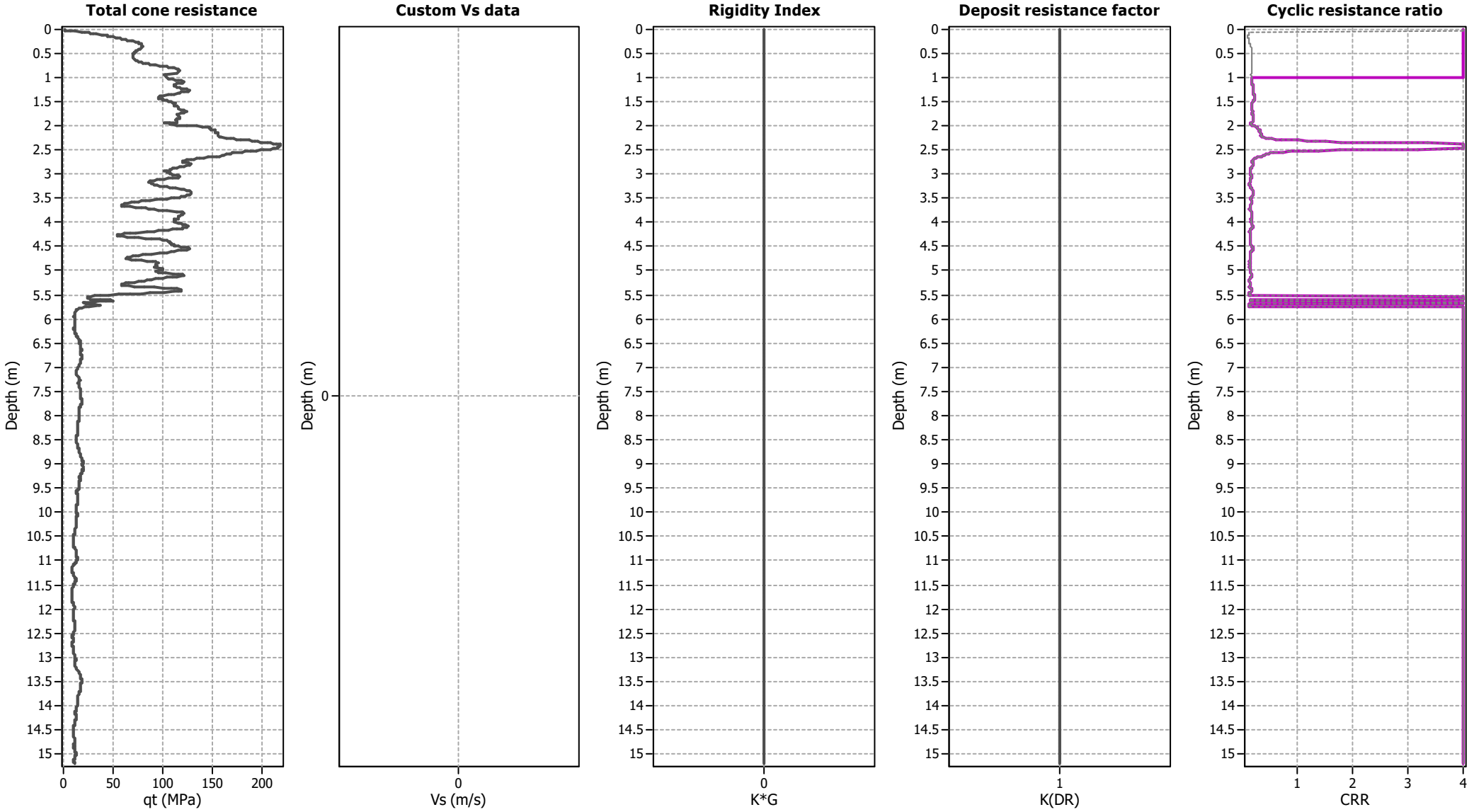
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.61	2.00	0.00	1.00	0.00	14.45	9.52	2.00	0.00	1.00	0.00
14.46	9.34	2.00	0.00	1.00	0.00	14.47	9.34	2.00	0.00	1.00	0.00
14.48	9.33	2.00	0.00	1.00	0.00	14.49	9.33	2.00	0.00	1.00	0.00
14.50	9.32	2.00	0.00	1.00	0.00	14.51	9.32	2.00	0.00	1.00	0.00
14.52	9.23	2.00	0.00	1.00	0.00	14.53	9.23	2.00	0.00	1.00	0.00
14.54	9.22	2.00	0.00	1.00	0.00	14.55	8.95	2.00	0.00	1.00	0.00
14.56	8.86	2.00	0.00	1.00	0.00	14.57	8.86	2.00	0.00	1.00	0.00
14.58	8.95	2.00	0.00	1.00	0.00	14.59	9.03	2.00	0.00	1.00	0.00
14.60	9.20	2.00	0.00	1.00	0.00	14.61	9.29	2.00	0.00	1.00	0.00
14.62	9.55	2.00	0.00	1.00	0.00	14.63	9.72	2.00	0.00	1.00	0.00
14.64	9.90	2.00	0.00	1.00	0.00	14.65	10.07	2.00	0.00	1.00	0.00
14.66	10.51	2.00	0.00	1.00	0.00	14.67	10.68	2.00	0.00	1.00	0.00
14.68	10.85	2.00	0.00	1.00	0.00	14.69	11.03	2.00	0.00	1.00	0.00
14.70	11.20	2.00	0.00	1.00	0.00	14.71	11.28	2.00	0.00	1.00	0.00
14.72	11.37	2.00	0.00	1.00	0.00	14.73	11.19	2.00	0.00	1.00	0.00
14.74	11.10	2.00	0.00	1.00	0.00	14.75	10.74	2.00	0.00	1.00	0.00
14.76	10.56	2.00	0.00	1.00	0.00	14.77	10.38	2.00	0.00	1.00	0.00
14.78	10.38	2.00	0.00	1.00	0.00	14.79	10.20	2.00	0.00	1.00	0.00
14.80	10.11	2.00	0.00	1.00	0.00	14.81	10.10	2.00	0.00	1.00	0.00
14.82	10.01	2.00	0.00	1.00	0.00	14.83	10.18	2.00	0.00	1.00	0.00
14.84	10.18	2.00	0.00	1.00	0.00	14.85	10.18	2.00	0.00	1.00	0.00
14.86	10.17	2.00	0.00	1.00	0.00	14.87	10.17	2.00	0.00	1.00	0.00
14.88	10.17	2.00	0.00	1.00	0.00	14.89	10.34	2.00	0.00	1.00	0.00
14.90	10.42	2.00	0.00	1.00	0.00	14.91	10.77	2.00	0.00	1.00	0.00
14.92	10.76	2.00	0.00	1.00	0.00	14.93	10.76	2.00	0.00	1.00	0.00
14.94	10.67	2.00	0.00	1.00	0.00	14.95	11.45	2.00	0.00	1.00	0.00
14.96	11.54	2.00	0.00	1.00	0.00	14.97	11.62	2.00	0.00	1.00	0.00
14.98	11.70	2.00	0.00	1.00	0.00	14.99	11.79	2.00	0.00	1.00	0.00
15.00	11.78	2.00	0.00	1.00	0.00	15.01	11.69	2.00	0.00	1.00	0.00
15.02	11.60	2.00	0.00	1.00	0.00	15.03	11.68	2.00	0.00	1.00	0.00
15.04	11.59	2.00	0.00	1.00	0.00	15.05	11.50	2.00	0.00	1.00	0.00
15.06	11.32	2.00	0.00	1.00	0.00	15.07	11.14	2.00	0.00	1.00	0.00
15.08	10.70	2.00	0.00	1.00	0.00	15.09	10.61	2.00	0.00	1.00	0.00
15.10	10.43	2.00	0.00	1.00	0.00	15.11	10.26	2.00	0.00	1.00	0.00
15.12	10.08	2.00	0.00	1.00	0.00	15.13	9.99	2.00	0.00	1.00	0.00
15.14	9.98	2.00	0.00	1.00	0.00	15.15	10.07	2.00	0.00	1.00	0.00
15.16	10.06	2.00	0.00	1.00	0.00	15.17	10.15	2.00	0.00	1.00	0.00
15.18	10.23	2.00	0.00	1.00	0.00	15.19	10.49	2.00	0.00	1.00	0.00
15.20	10.57	2.00	0.00	1.00	0.00						

Total estimated settlement: 9.33

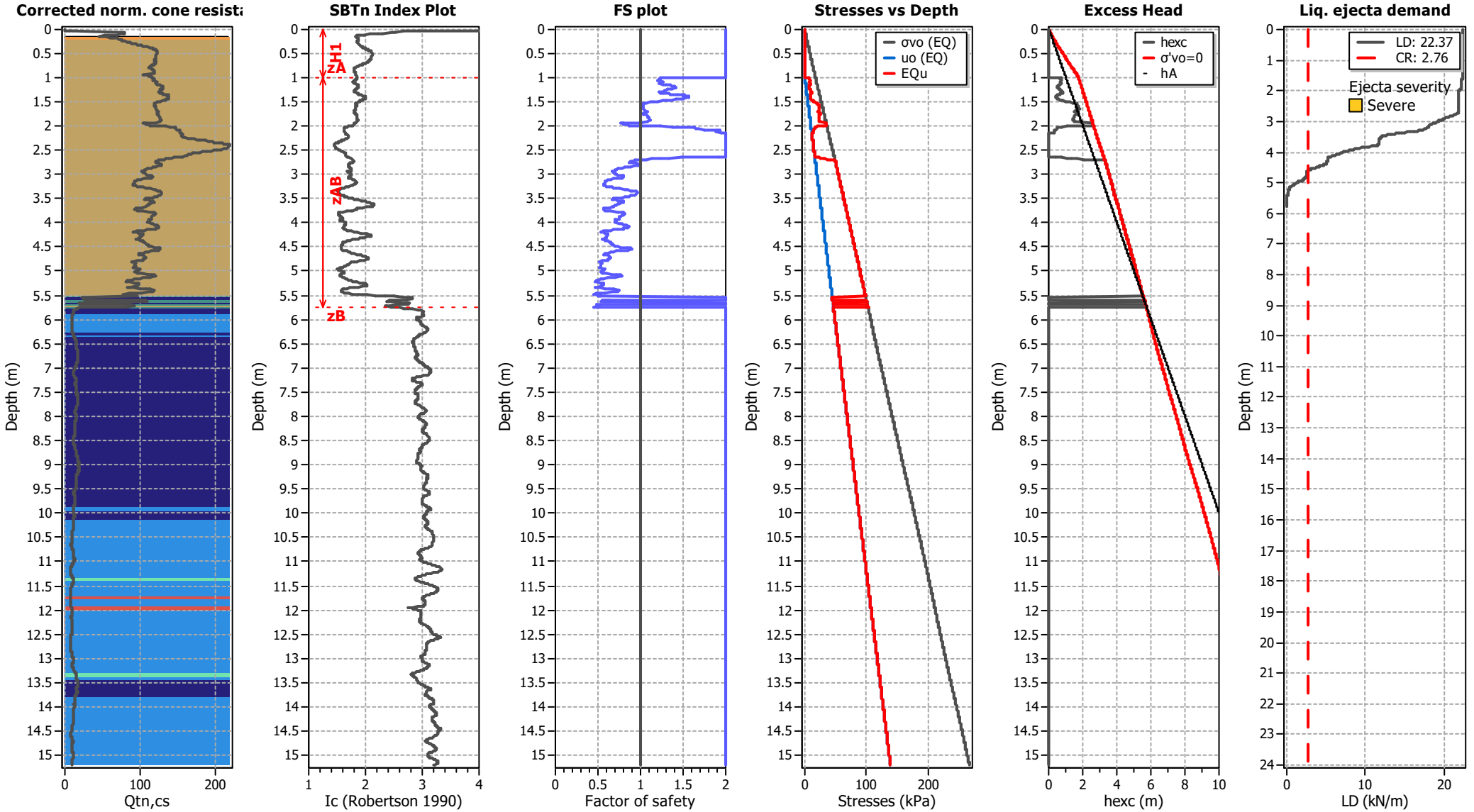
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



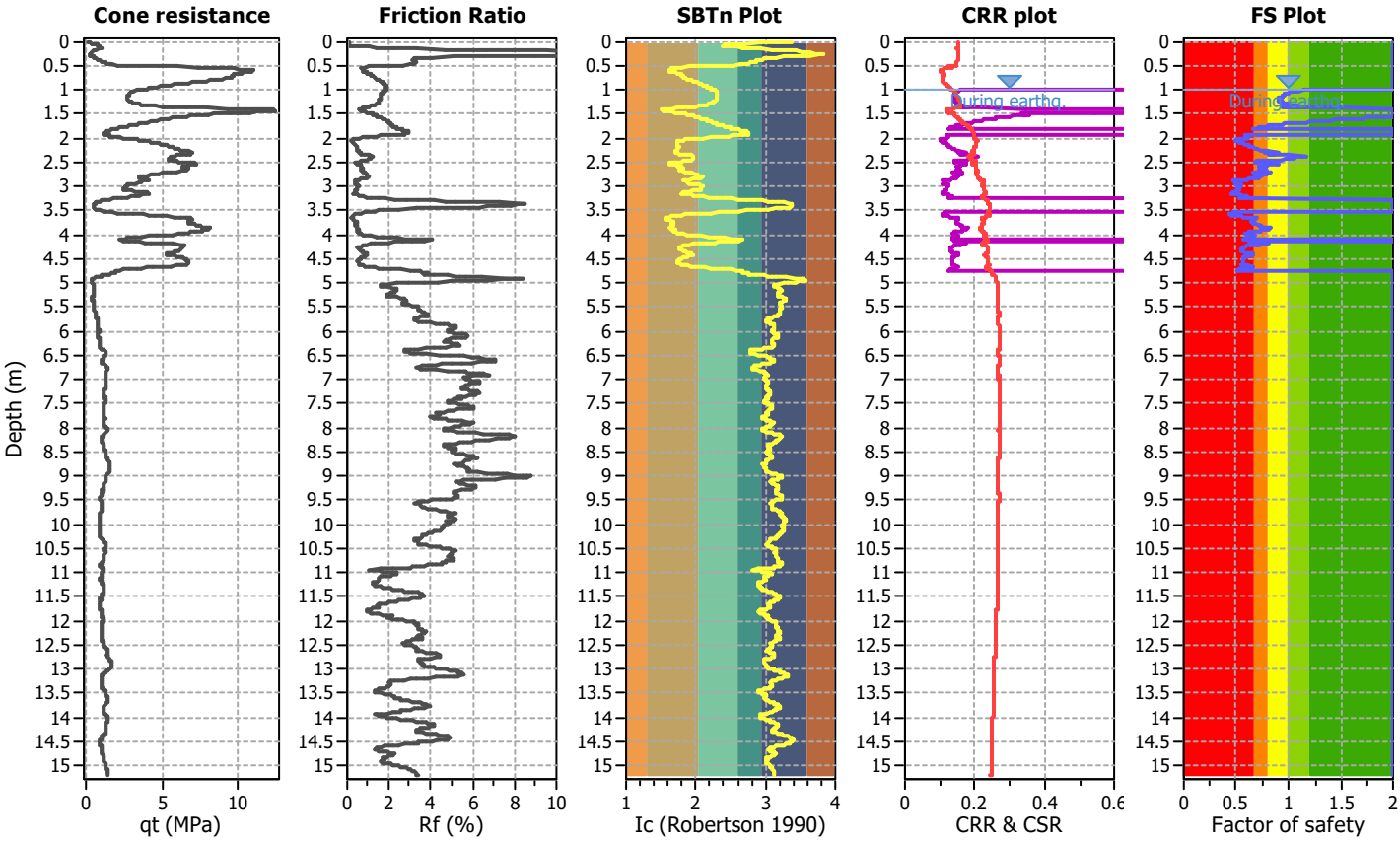
LIQUEFACTION ANALYSIS REPORT

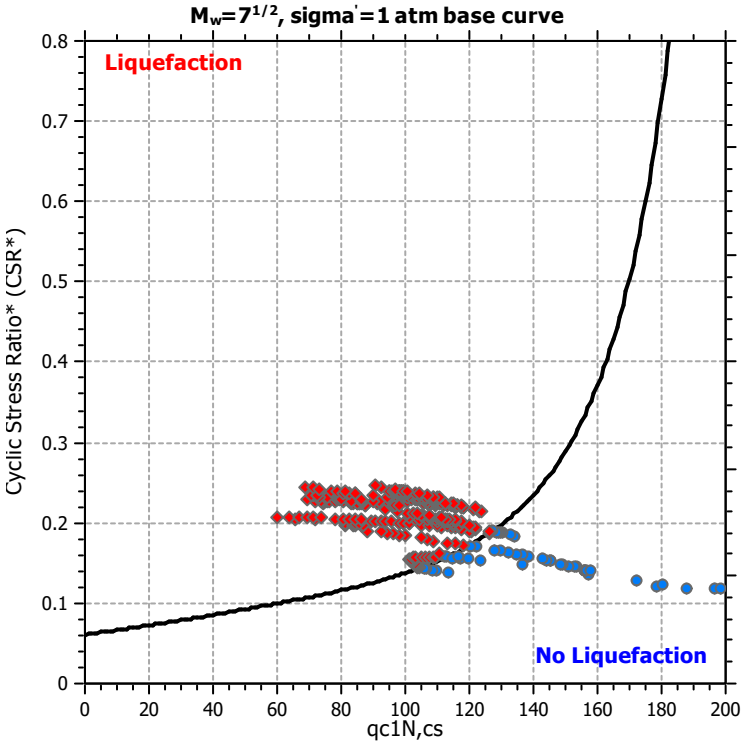
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

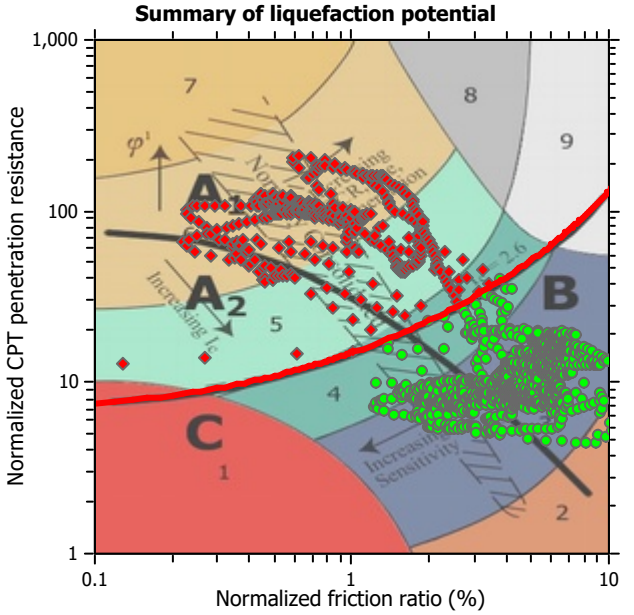
CPT file : 040008P1008CPTU1009

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

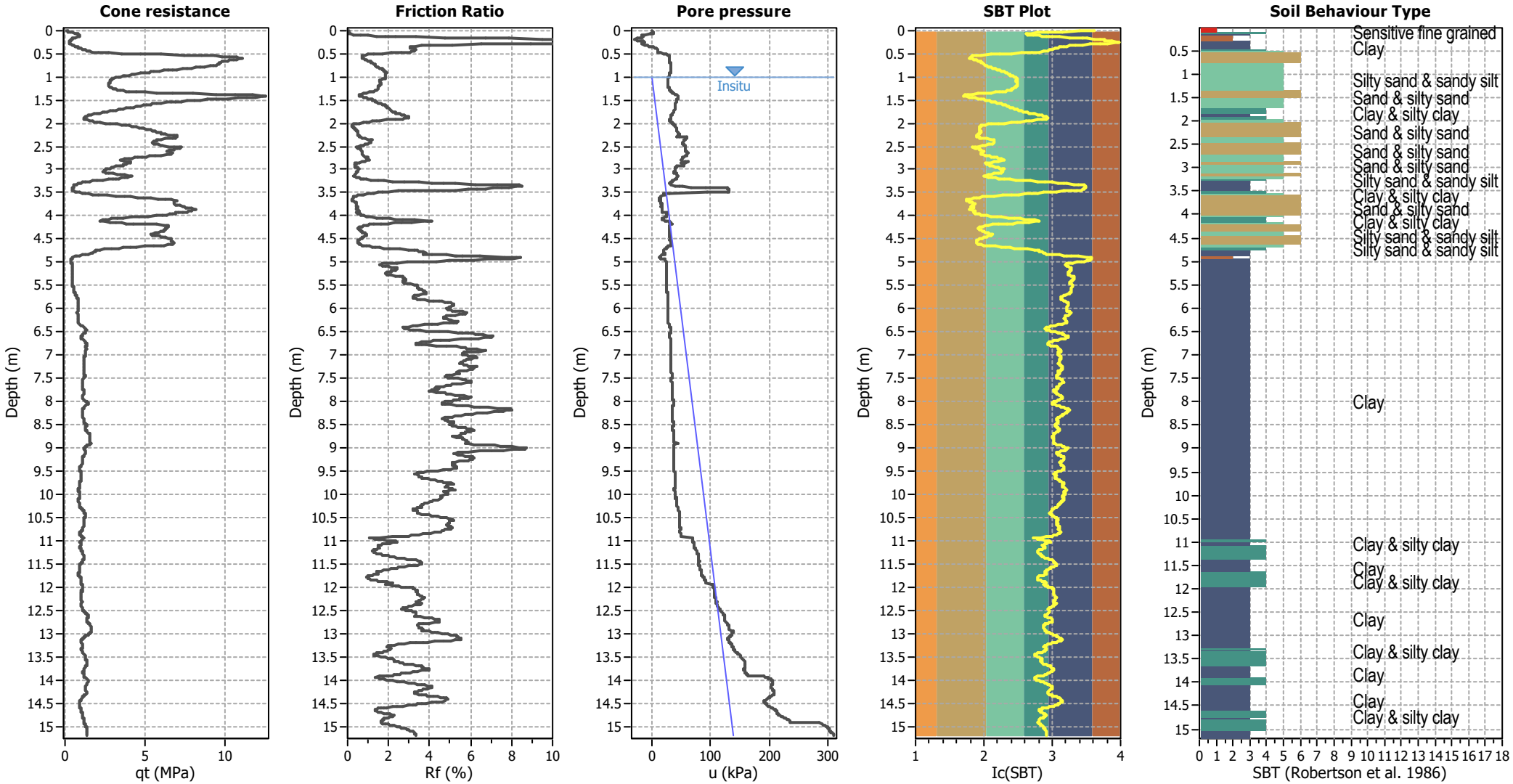






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



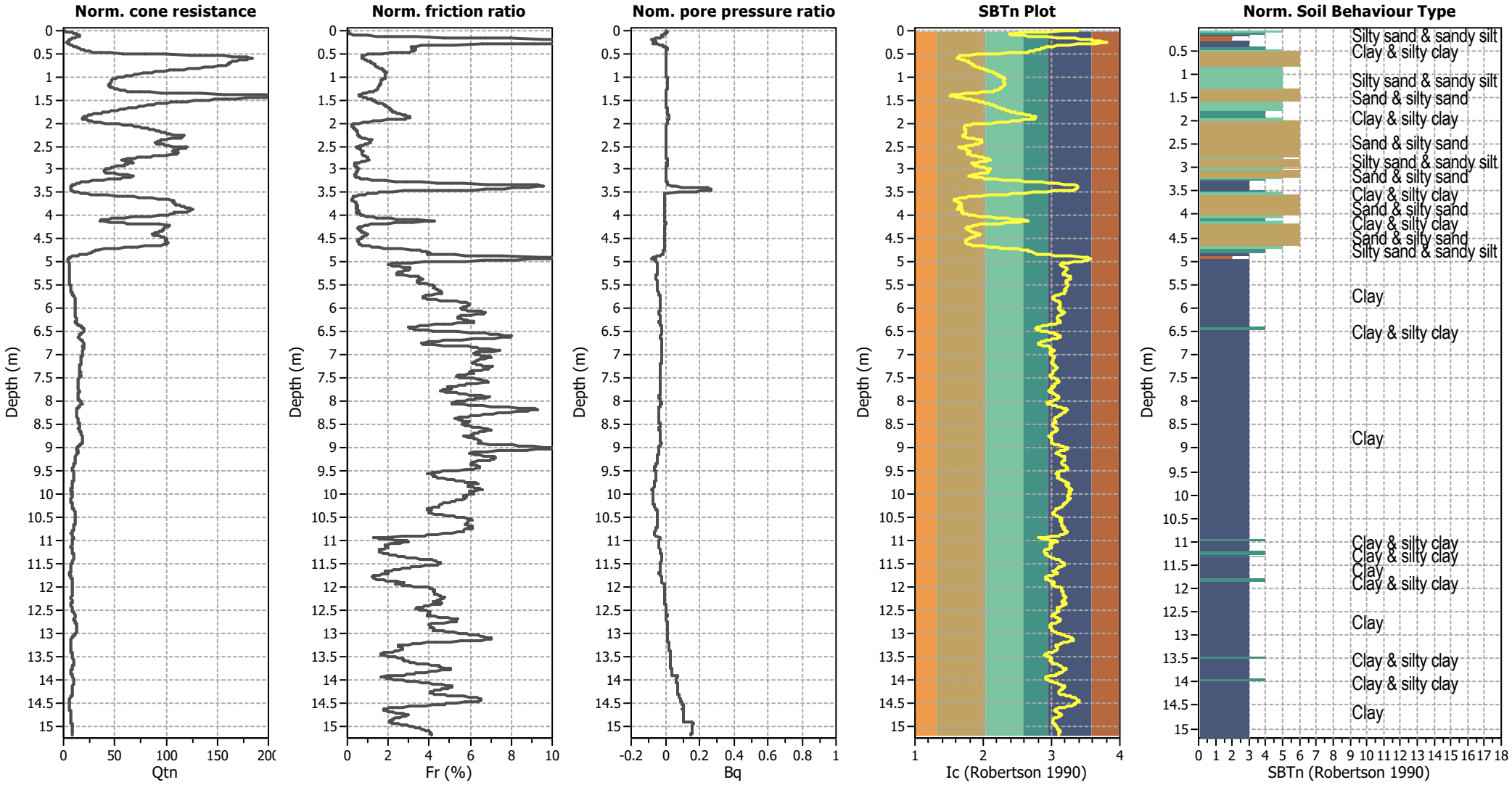
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



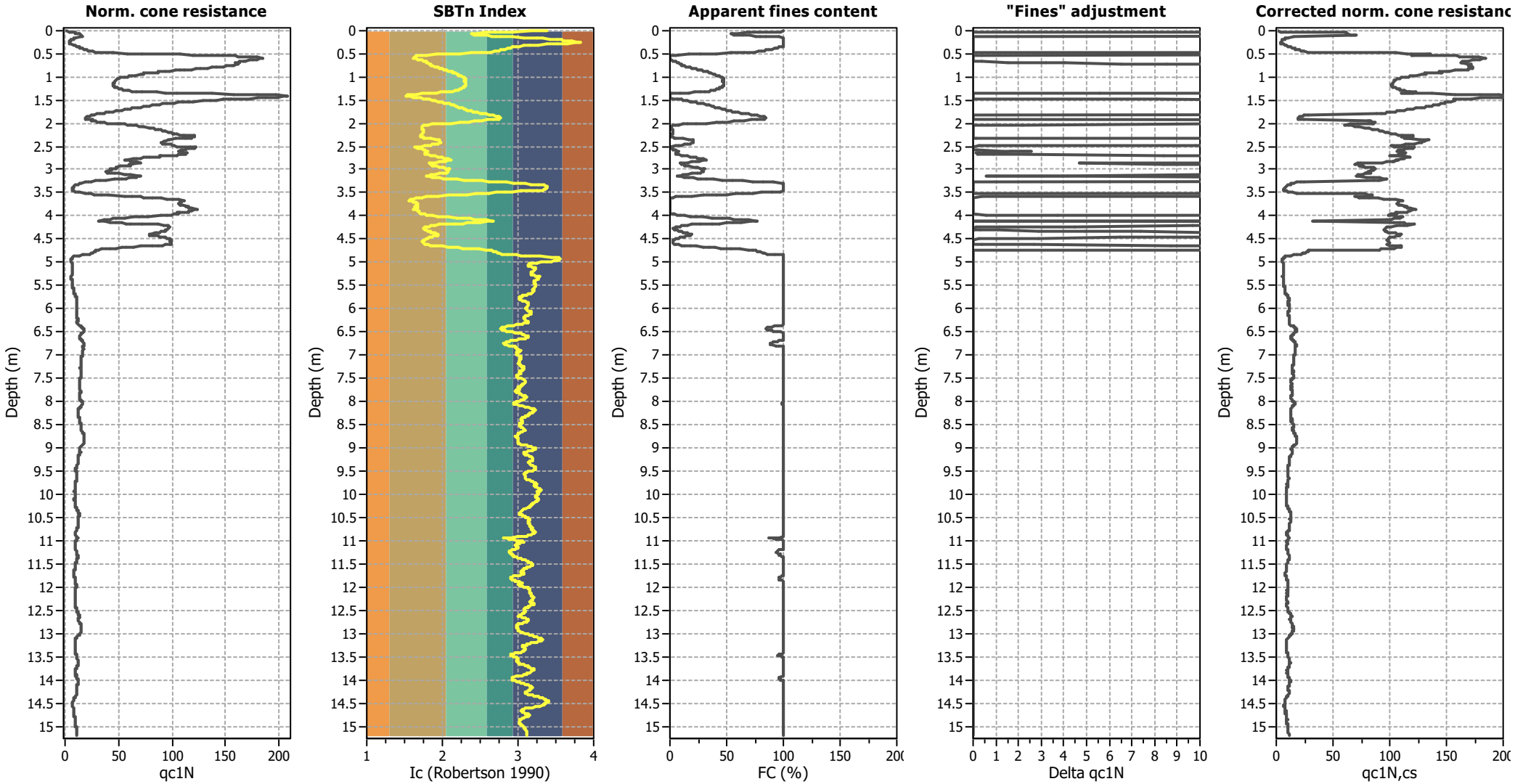
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

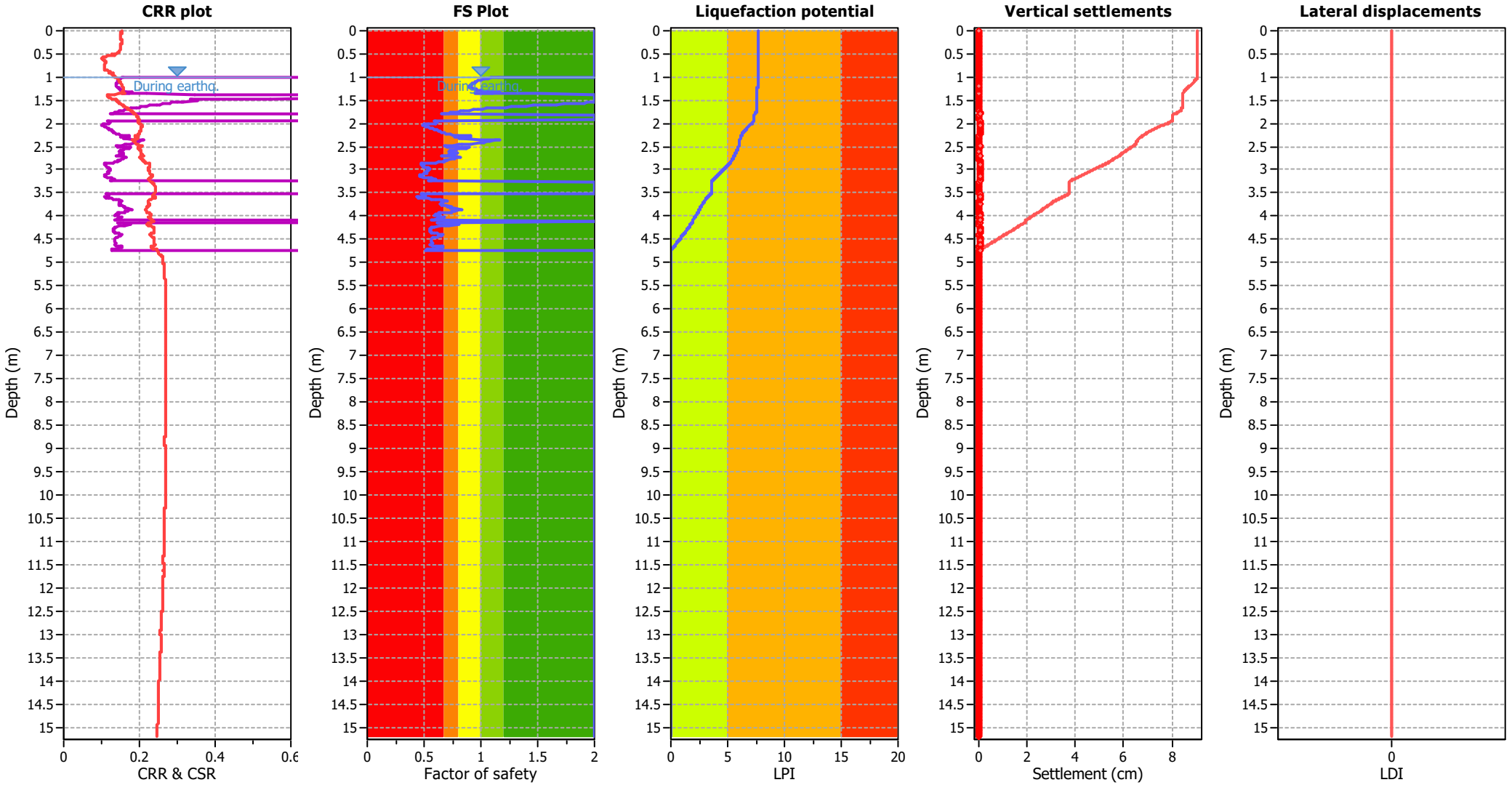
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

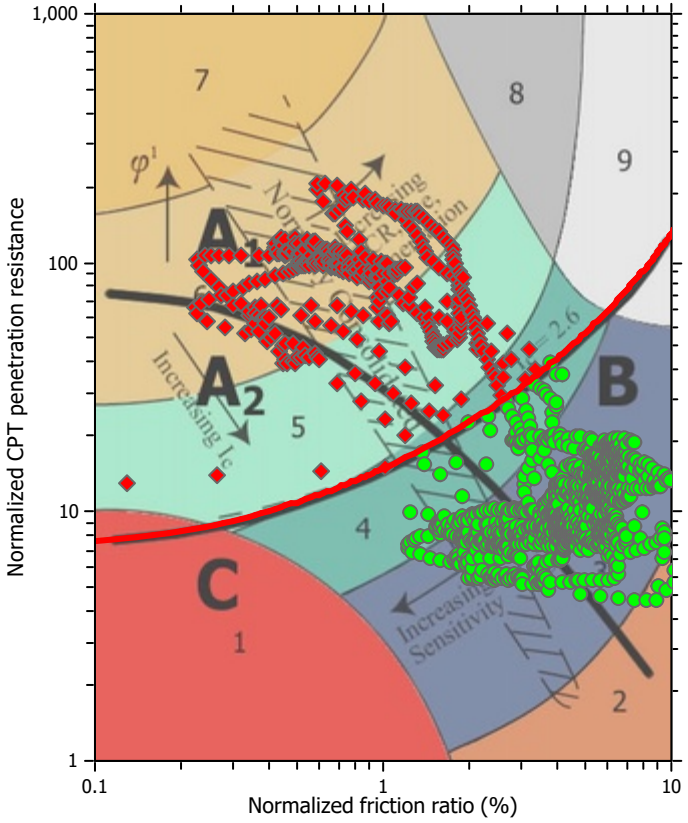
F.S. color scheme

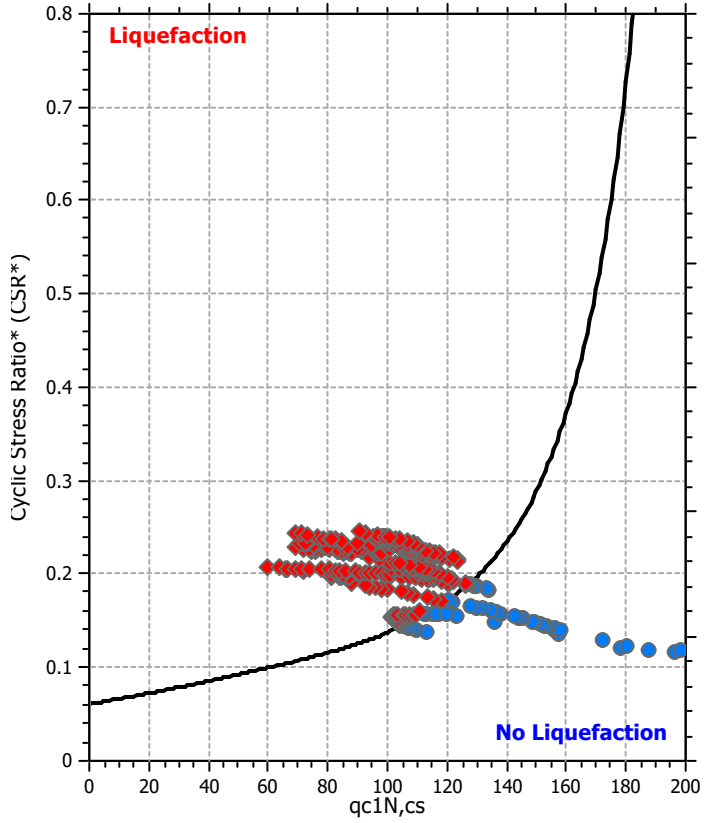
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

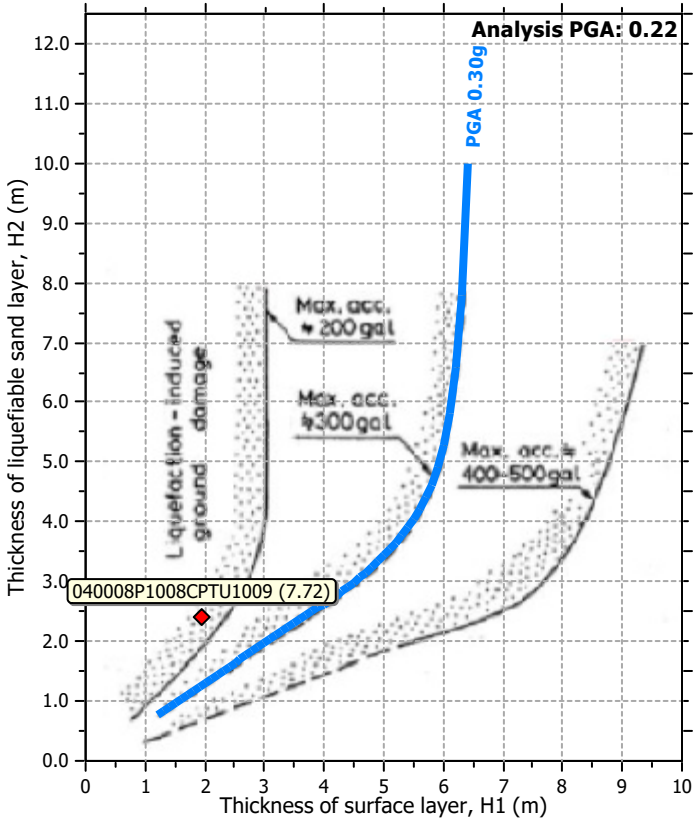
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



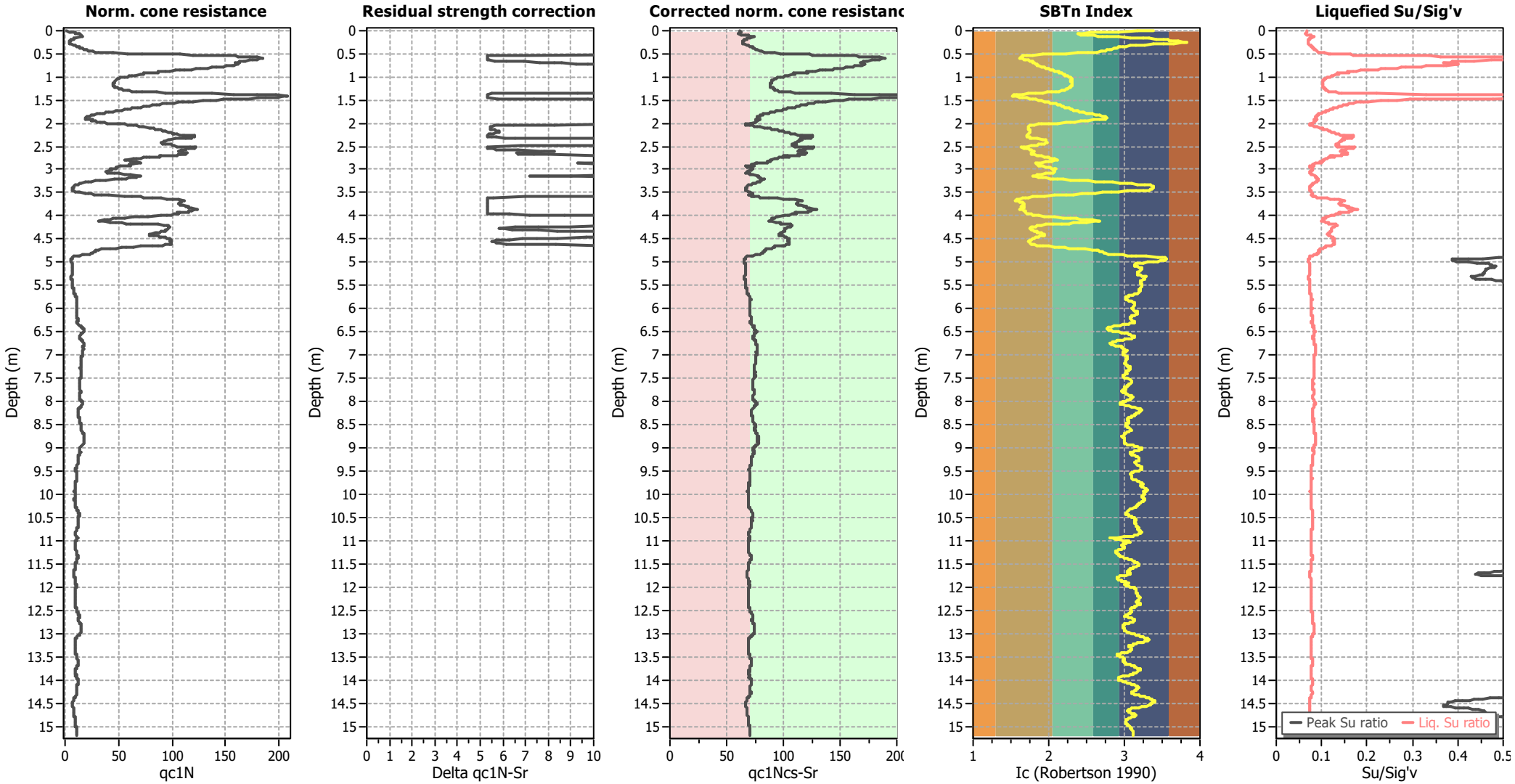




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.16	0.00	0.00	0.01	0.00	1.02	1.09	0.00	0.00	0.01	0.00
1.03	1.07	0.00	0.00	0.01	0.00	1.04	1.04	0.00	0.00	0.01	0.00
1.05	1.02	0.00	0.00	0.01	0.00	1.06	1.00	0.00	0.00	0.01	0.00
1.07	0.98	0.00	0.00	0.01	0.00	1.08	0.98	0.00	0.00	0.01	0.00
1.09	0.97	0.00	0.00	0.01	0.00	1.10	0.96	0.00	0.00	0.01	0.00
1.11	0.96	0.00	0.00	0.01	0.00	1.12	0.95	0.00	0.00	0.01	0.00
1.13	0.95	0.00	0.00	0.01	0.01	1.14	0.94	0.00	0.00	0.01	0.01
1.15	0.92	0.00	0.00	0.01	0.01	1.16	0.92	0.00	0.00	0.01	0.01
1.17	0.91	0.00	0.00	0.01	0.01	1.18	0.91	0.00	0.00	0.01	0.01
1.19	0.90	0.00	0.00	0.01	0.01	1.20	0.90	0.00	0.00	0.01	0.01
1.21	0.90	0.00	0.00	0.01	0.01	1.22	0.90	0.00	0.00	0.01	0.01
1.23	0.91	0.00	0.00	0.01	0.01	1.24	0.93	0.00	0.00	0.01	0.01
1.25	0.93	0.00	0.00	0.01	0.01	1.26	0.94	0.00	0.00	0.01	0.01
1.27	0.96	0.00	0.00	0.01	0.00	1.28	0.96	0.00	0.00	0.01	0.00
1.29	1.00	0.00	0.00	0.01	0.00	1.30	1.01	0.00	0.00	0.01	0.00
1.31	1.04	0.00	0.00	0.01	0.00	1.32	1.07	0.00	0.00	0.01	0.00
1.33	1.05	0.00	0.00	0.01	0.00	1.34	1.17	0.00	0.00	0.01	0.00
1.35	1.10	0.00	0.00	0.01	0.00	1.36	0.95	0.00	0.00	0.01	0.00
1.37	1.50	0.00	0.00	0.01	0.00	1.38	2.00	0.00	0.00	0.01	0.00
1.39	2.00	0.00	0.00	0.01	0.00	1.40	2.00	0.00	0.00	0.01	0.00
1.41	2.00	0.00	0.00	0.01	0.00	1.42	2.00	0.00	0.00	0.01	0.00
1.43	2.00	0.00	0.00	0.01	0.00	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	2.00	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	1.93	0.00	0.00	0.01	0.00
1.57	1.91	0.00	0.00	0.01	0.00	1.58	1.73	0.00	0.00	0.01	0.00
1.59	1.72	0.00	0.00	0.01	0.00	1.60	1.67	0.00	0.00	0.01	0.00
1.61	1.61	0.00	0.00	0.01	0.00	1.62	1.46	0.00	0.00	0.01	0.00
1.63	1.40	0.00	0.00	0.01	0.00	1.64	1.34	0.00	0.00	0.01	0.00
1.65	1.27	0.00	0.00	0.01	0.00	1.66	1.21	0.00	0.00	0.01	0.00
1.67	1.16	0.00	0.00	0.01	0.00	1.68	1.05	0.00	0.00	0.01	0.00
1.69	1.01	0.00	0.00	0.01	0.00	1.70	0.97	0.00	0.00	0.01	0.00
1.71	0.93	0.00	0.00	0.01	0.01	1.72	0.90	0.00	0.00	0.01	0.01
1.73	0.84	0.16	2.50	0.01	0.01	1.74	0.82	0.18	1.91	0.01	0.02
1.75	0.80	0.20	1.61	0.01	0.02	1.76	0.75	0.25	1.19	0.01	0.02
1.77	0.73	0.27	1.07	0.01	0.02	1.78	0.71	0.29	0.98	0.01	0.03
1.79	0.70	0.30	0.91	0.01	0.03	1.80	0.68	0.32	0.85	0.01	0.03
1.81	0.65	0.35	0.75	0.01	0.03	1.82	2.00	0.00	0.00	0.01	0.00
1.83	2.00	0.00	0.00	0.01	0.00	1.84	2.00	0.00	0.00	0.01	0.00
1.85	2.00	0.00	0.00	0.01	0.00	1.86	2.00	0.00	0.00	0.01	0.00
1.87	2.00	0.00	0.00	0.01	0.00	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	2.00	0.00	0.00	0.01	0.00	1.94	0.59	0.41	0.62	0.01	0.04
1.95	0.59	0.41	0.61	0.01	0.04	1.96	0.60	0.40	0.64	0.01	0.04
1.97	0.61	0.39	0.65	0.01	0.04	1.98	0.62	0.38	0.66	0.01	0.03
1.99	0.62	0.38	0.68	0.01	0.03	2.00	0.60	0.40	0.64	0.01	0.04
2.01	0.61	0.39	0.65	0.01	0.04	2.02	0.54	0.46	0.52	0.01	0.04
2.03	0.51	0.49	0.49	0.01	0.04	2.04	0.48	0.52	0.46	0.01	0.05
2.05	0.50	0.50	0.47	0.01	0.05	2.06	0.51	0.49	0.49	0.01	0.04
2.07	0.52	0.48	0.50	0.01	0.04	2.08	0.53	0.47	0.51	0.01	0.04
2.09	0.54	0.46	0.53	0.01	0.04	2.10	0.56	0.44	0.56	0.01	0.04
2.11	0.57	0.43	0.57	0.01	0.04	2.12	0.58	0.42	0.59	0.01	0.04
2.13	0.59	0.41	0.61	0.01	0.04	2.14	0.60	0.40	0.63	0.01	0.04
2.15	0.62	0.38	0.67	0.01	0.03	2.16	0.63	0.37	0.69	0.01	0.03
2.17	0.64	0.36	0.71	0.01	0.03	2.18	0.65	0.35	0.74	0.01	0.03
2.19	0.66	0.34	0.77	0.01	0.03	2.20	0.67	0.33	0.82	0.01	0.03
2.21	0.68	0.32	0.85	0.01	0.03	2.22	0.70	0.30	0.91	0.01	0.03
2.23	0.70	0.30	0.90	0.01	0.03	2.24	0.73	0.27	1.06	0.01	0.02
2.25	0.75	0.25	1.21	0.01	0.02	2.26	0.77	0.23	1.38	0.01	0.02
2.27	0.79	0.21	1.56	0.01	0.02	2.28	0.91	0.00	0.00	0.01	0.01
2.29	0.90	0.00	0.00	0.01	0.01	2.30	0.77	0.23	1.34	0.01	0.02
2.31	0.82	0.18	1.98	0.01	0.02	2.32	0.86	0.00	0.00	0.01	0.01
2.33	0.81	0.19	1.74	0.01	0.02	2.34	0.83	0.17	2.26	0.01	0.01
2.35	1.00	0.00	0.00	0.01	0.00	2.36	1.16	0.00	0.00	0.01	0.00
2.37	1.13	0.00	0.00	0.01	0.00	2.38	1.07	0.00	0.00	0.01	0.00
2.39	1.06	0.00	0.00	0.01	0.00	2.40	1.05	0.00	0.00	0.01	0.00
2.41	1.03	0.00	0.00	0.01	0.00	2.42	1.00	0.00	0.00	0.01	0.00
2.43	0.98	0.00	0.00	0.01	0.00	2.44	0.92	0.00	0.00	0.01	0.01
2.45	0.83	0.17	2.25	0.01	0.01	2.46	0.81	0.19	1.82	0.01	0.02
2.47	0.76	0.24	1.27	0.01	0.02	2.48	0.69	0.31	0.88	0.01	0.03
2.49	0.68	0.32	0.83	0.01	0.03	2.50	0.70	0.30	0.92	0.01	0.03
2.51	0.83	0.17	2.17	0.01	0.01	2.52	0.89	0.00	0.00	0.01	0.01
2.53	0.90	0.00	0.00	0.01	0.01	2.54	0.88	0.00	0.00	0.01	0.01
2.55	0.81	0.19	1.80	0.01	0.02	2.56	0.78	0.22	1.45	0.01	0.02
2.57	0.78	0.22	1.48	0.01	0.02	2.58	0.77	0.23	1.38	0.01	0.02
2.59	0.73	0.27	1.06	0.01	0.02	2.60	0.71	0.29	0.99	0.01	0.02
2.61	0.74	0.26	1.11	0.01	0.02	2.62	0.76	0.24	1.25	0.01	0.02
2.63	0.75	0.25	1.22	0.01	0.02	2.64	0.76	0.24	1.27	0.01	0.02
2.65	0.79	0.21	1.52	0.01	0.02	2.66	0.72	0.28	1.02	0.01	0.02
2.67	0.78	0.22	1.39	0.01	0.02	2.68	0.72	0.28	0.99	0.01	0.02
2.69	0.77	0.23	1.33	0.01	0.02	2.70	0.66	0.34	0.76	0.01	0.03
2.71	0.75	0.25	1.21	0.01	0.02	2.72	0.82	0.18	2.03	0.01	0.02
2.73	0.80	0.20	1.63	0.01	0.02	2.74	0.80	0.20	1.62	0.01	0.02
2.75	0.78	0.22	1.41	0.01	0.02	2.76	0.76	0.24	1.29	0.01	0.02
2.77	0.74	0.26	1.13	0.01	0.02	2.78	0.74	0.26	1.15	0.01	0.02
2.79	0.69	0.31	0.89	0.01	0.03	2.80	0.68	0.32	0.86	0.01	0.03
2.81	0.71	0.29	0.96	0.01	0.03	2.82	0.66	0.34	0.79	0.01	0.03
2.83	0.67	0.33	0.82	0.01	0.03	2.84	0.62	0.38	0.68	0.01	0.03
2.85	0.60	0.40	0.63	0.01	0.03	2.86	0.49	0.51	0.47	0.01	0.04
2.87	0.48	0.52	0.46	0.01	0.04	2.88	0.47	0.53	0.45	0.01	0.05

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.50	0.50	0.47	0.01	0.04	2.90	0.49	0.51	0.47	0.01	0.04
2.91	0.49	0.51	0.47	0.01	0.04	2.92	0.50	0.50	0.48	0.01	0.04
2.93	0.49	0.51	0.46	0.01	0.04	2.94	0.51	0.49	0.49	0.01	0.04
2.95	0.53	0.47	0.52	0.01	0.04	2.96	0.54	0.46	0.53	0.01	0.04
2.97	0.55	0.45	0.55	0.01	0.04	2.98	0.54	0.46	0.53	0.01	0.04
2.99	0.55	0.45	0.55	0.01	0.04	3.00	0.54	0.46	0.53	0.01	0.04
3.01	0.54	0.46	0.53	0.01	0.04	3.02	0.53	0.47	0.52	0.01	0.04
3.03	0.53	0.47	0.52	0.01	0.04	3.04	0.51	0.49	0.50	0.01	0.04
3.05	0.52	0.48	0.51	0.01	0.04	3.06	0.52	0.48	0.51	0.01	0.04
3.07	0.50	0.50	0.48	0.01	0.04	3.08	0.52	0.48	0.51	0.01	0.04
3.09	0.50	0.50	0.48	0.01	0.04	3.10	0.48	0.52	0.46	0.01	0.04
3.11	0.48	0.52	0.46	0.01	0.04	3.12	0.47	0.53	0.44	0.01	0.05
3.13	0.47	0.53	0.45	0.01	0.04	3.14	0.46	0.54	0.44	0.01	0.05
3.15	0.47	0.53	0.44	0.01	0.04	3.16	0.50	0.50	0.48	0.01	0.04
3.17	0.54	0.46	0.52	0.01	0.04	3.18	0.57	0.43	0.57	0.01	0.04
3.19	0.59	0.41	0.61	0.01	0.03	3.20	0.60	0.40	0.62	0.01	0.03
3.21	0.60	0.40	0.63	0.01	0.03	3.22	0.61	0.39	0.64	0.01	0.03
3.23	0.56	0.44	0.57	0.01	0.04	3.24	0.55	0.45	0.55	0.01	0.04
3.25	0.53	0.47	0.52	0.01	0.04	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	2.00	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	0.47	0.53	0.45	0.01	0.04
3.53	0.48	0.52	0.46	0.01	0.04	3.54	0.49	0.51	0.47	0.01	0.04
3.55	0.51	0.49	0.49	0.01	0.04	3.56	0.50	0.50	0.48	0.01	0.04
3.57	0.51	0.49	0.49	0.01	0.04	3.58	0.44	0.56	0.42	0.01	0.05
3.59	0.44	0.56	0.42	0.01	0.05	3.60	0.45	0.55	0.43	0.01	0.04
3.61	0.49	0.51	0.47	0.01	0.04	3.62	0.54	0.46	0.53	0.01	0.04
3.63	0.57	0.43	0.57	0.01	0.04	3.64	0.61	0.39	0.64	0.01	0.03
3.65	0.64	0.36	0.73	0.01	0.03	3.66	0.70	0.30	0.92	0.01	0.02
3.67	0.68	0.32	0.83	0.01	0.03	3.68	0.67	0.33	0.79	0.01	0.03
3.69	0.66	0.34	0.78	0.01	0.03	3.70	0.66	0.34	0.79	0.01	0.03
3.71	0.66	0.34	0.77	0.01	0.03	3.72	0.66	0.34	0.78	0.01	0.03
3.73	0.65	0.35	0.74	0.01	0.03	3.74	0.66	0.34	0.77	0.01	0.03
3.75	0.65	0.35	0.75	0.01	0.03	3.76	0.66	0.34	0.77	0.01	0.03
3.77	0.67	0.33	0.82	0.01	0.03	3.78	0.69	0.31	0.87	0.01	0.03
3.79	0.74	0.26	1.11	0.01	0.02	3.80	0.71	0.29	0.97	0.01	0.02
3.81	0.73	0.27	1.04	0.01	0.02	3.82	0.73	0.27	1.05	0.01	0.02
3.83	0.76	0.24	1.23	0.01	0.02	3.84	0.77	0.23	1.33	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.83	0.17	2.25	0.01	0.01	3.86	0.84	0.16	2.34	0.01	0.01
3.87	0.80	0.20	1.69	0.01	0.02	3.88	0.76	0.24	1.29	0.01	0.02
3.89	0.77	0.23	1.32	0.01	0.02	3.90	0.74	0.26	1.12	0.01	0.02
3.91	0.74	0.26	1.11	0.01	0.02	3.92	0.74	0.26	1.10	0.01	0.02
3.93	0.63	0.37	0.70	0.01	0.03	3.94	0.65	0.35	0.74	0.01	0.03
3.95	0.64	0.36	0.73	0.01	0.03	3.96	0.62	0.38	0.68	0.01	0.03
3.97	0.61	0.39	0.64	0.01	0.03	3.98	0.59	0.41	0.60	0.01	0.03
3.99	0.59	0.41	0.60	0.01	0.03	4.00	0.62	0.38	0.68	0.01	0.03
4.01	0.65	0.35	0.74	0.01	0.03	4.02	0.67	0.33	0.82	0.01	0.03
4.03	0.69	0.31	0.86	0.01	0.03	4.04	0.67	0.33	0.80	0.01	0.03
4.05	0.62	0.38	0.67	0.01	0.03	4.06	0.62	0.38	0.68	0.01	0.03
4.07	0.60	0.40	0.62	0.01	0.03	4.08	0.59	0.41	0.60	0.01	0.03
4.09	0.57	0.43	0.57	0.01	0.03	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	0.62	0.38	0.66	0.01	0.03	4.14	0.66	0.34	0.78	0.01	0.03
4.15	0.70	0.30	0.90	0.01	0.02	4.16	0.71	0.29	0.98	0.01	0.02
4.17	0.73	0.27	1.08	0.01	0.02	4.18	0.75	0.25	1.16	0.01	0.02
4.19	0.80	0.20	1.72	0.01	0.02	4.20	0.72	0.28	1.02	0.01	0.02
4.21	0.70	0.30	0.90	0.01	0.02	4.22	0.64	0.36	0.71	0.01	0.03
4.23	0.60	0.40	0.62	0.01	0.03	4.24	0.58	0.42	0.59	0.01	0.03
4.25	0.57	0.43	0.57	0.01	0.03	4.26	0.56	0.44	0.56	0.01	0.03
4.27	0.56	0.44	0.56	0.01	0.03	4.28	0.55	0.45	0.55	0.01	0.04
4.29	0.55	0.45	0.55	0.01	0.04	4.30	0.55	0.45	0.54	0.01	0.04
4.31	0.55	0.45	0.54	0.01	0.04	4.32	0.56	0.44	0.55	0.01	0.03
4.33	0.56	0.44	0.56	0.01	0.03	4.34	0.56	0.44	0.56	0.01	0.03
4.35	0.57	0.43	0.57	0.01	0.03	4.36	0.59	0.41	0.60	0.01	0.03
4.37	0.62	0.38	0.68	0.01	0.03	4.38	0.63	0.37	0.70	0.01	0.03
4.39	0.66	0.34	0.77	0.01	0.03	4.40	0.66	0.34	0.77	0.01	0.03
4.41	0.67	0.33	0.80	0.01	0.03	4.42	0.65	0.35	0.74	0.01	0.03
4.43	0.65	0.35	0.75	0.01	0.03	4.44	0.63	0.37	0.70	0.01	0.03
4.45	0.61	0.39	0.66	0.01	0.03	4.46	0.58	0.42	0.60	0.01	0.03
4.47	0.58	0.42	0.59	0.01	0.03	4.48	0.57	0.43	0.57	0.01	0.03
4.49	0.57	0.43	0.57	0.01	0.03	4.50	0.57	0.43	0.57	0.01	0.03
4.51	0.57	0.43	0.57	0.01	0.03	4.52	0.56	0.44	0.57	0.01	0.03
4.53	0.56	0.44	0.57	0.01	0.03	4.54	0.57	0.43	0.57	0.01	0.03
4.55	0.57	0.43	0.57	0.01	0.03	4.56	0.57	0.43	0.58	0.01	0.03
4.57	0.57	0.43	0.58	0.01	0.03	4.58	0.57	0.43	0.58	0.01	0.03
4.59	0.57	0.43	0.58	0.01	0.03	4.60	0.57	0.43	0.57	0.01	0.03
4.61	0.56	0.44	0.56	0.01	0.03	4.62	0.55	0.45	0.55	0.01	0.03
4.63	0.57	0.43	0.58	0.01	0.03	4.64	0.60	0.40	0.63	0.01	0.03
4.65	0.66	0.34	0.78	0.01	0.03	4.66	0.65	0.35	0.74	0.01	0.03
4.67	0.66	0.34	0.78	0.01	0.03	4.68	0.64	0.36	0.73	0.01	0.03
4.69	0.63	0.37	0.69	0.01	0.03	4.70	0.61	0.39	0.64	0.01	0.03
4.71	0.58	0.42	0.59	0.01	0.03	4.72	0.52	0.48	0.51	0.01	0.04
4.73	0.51	0.49	0.49	0.01	0.04	4.74	2.00	0.00	0.00	0.01	0.00
4.75	2.00	0.00	0.00	0.01	0.00	4.76	2.00	0.00	0.00	0.01	0.00
4.77	2.00	0.00	0.00	0.01	0.00	4.78	2.00	0.00	0.00	0.01	0.00
4.79	2.00	0.00	0.00	0.01	0.00	4.80	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	2.00	0.00	0.00	0.01	0.00	4.82	2.00	0.00	0.00	0.01	0.00
4.83	2.00	0.00	0.00	0.01	0.00	4.84	2.00	0.00	0.00	0.01	0.00
4.85	2.00	0.00	0.00	0.01	0.00	4.86	2.00	0.00	0.00	0.01	0.00
4.87	2.00	0.00	0.00	0.01	0.00	4.88	2.00	0.00	0.00	0.01	0.00
4.89	2.00	0.00	0.00	0.01	0.00	4.90	2.00	0.00	0.00	0.01	0.00
4.91	2.00	0.00	0.00	0.01	0.00	4.92	2.00	0.00	0.00	0.01	0.00
4.93	2.00	0.00	0.00	0.01	0.00	4.94	2.00	0.00	0.00	0.01	0.00
4.95	2.00	0.00	0.00	0.01	0.00	4.96	2.00	0.00	0.00	0.01	0.00
4.97	2.00	0.00	0.00	0.01	0.00	4.98	2.00	0.00	0.00	0.01	0.00
4.99	2.00	0.00	0.00	0.01	0.00	5.00	2.00	0.00	0.00	0.01	0.00
5.01	2.00	0.00	0.00	0.01	0.00	5.02	2.00	0.00	0.00	0.01	0.00
5.03	2.00	0.00	0.00	0.01	0.00	5.04	2.00	0.00	0.00	0.01	0.00
5.05	2.00	0.00	0.00	0.01	0.00	5.06	2.00	0.00	0.00	0.01	0.00
5.07	2.00	0.00	0.00	0.01	0.00	5.08	2.00	0.00	0.00	0.01	0.00
5.09	2.00	0.00	0.00	0.01	0.00	5.10	2.00	0.00	0.00	0.01	0.00
5.11	2.00	0.00	0.00	0.01	0.00	5.12	2.00	0.00	0.00	0.01	0.00
5.13	2.00	0.00	0.00	0.01	0.00	5.14	2.00	0.00	0.00	0.01	0.00
5.15	2.00	0.00	0.00	0.01	0.00	5.16	2.00	0.00	0.00	0.01	0.00
5.17	2.00	0.00	0.00	0.01	0.00	5.18	2.00	0.00	0.00	0.01	0.00
5.19	2.00	0.00	0.00	0.01	0.00	5.20	2.00	0.00	0.00	0.01	0.00
5.21	2.00	0.00	0.00	0.01	0.00	5.22	2.00	0.00	0.00	0.01	0.00
5.23	2.00	0.00	0.00	0.01	0.00	5.24	2.00	0.00	0.00	0.01	0.00
5.25	2.00	0.00	0.00	0.01	0.00	5.26	2.00	0.00	0.00	0.01	0.00
5.27	2.00	0.00	0.00	0.01	0.00	5.28	2.00	0.00	0.00	0.01	0.00
5.29	2.00	0.00	0.00	0.01	0.00	5.30	2.00	0.00	0.00	0.01	0.00
5.31	2.00	0.00	0.00	0.01	0.00	5.32	2.00	0.00	0.00	0.01	0.00
5.33	2.00	0.00	0.00	0.01	0.00	5.34	2.00	0.00	0.00	0.01	0.00
5.35	2.00	0.00	0.00	0.01	0.00	5.36	2.00	0.00	0.00	0.01	0.00
5.37	2.00	0.00	0.00	0.01	0.00	5.38	2.00	0.00	0.00	0.01	0.00
5.39	2.00	0.00	0.00	0.01	0.00	5.40	2.00	0.00	0.00	0.01	0.00
5.41	2.00	0.00	0.00	0.01	0.00	5.42	2.00	0.00	0.00	0.01	0.00
5.43	2.00	0.00	0.00	0.01	0.00	5.44	2.00	0.00	0.00	0.01	0.00
5.45	2.00	0.00	0.00	0.01	0.00	5.46	2.00	0.00	0.00	0.01	0.00
5.47	2.00	0.00	0.00	0.01	0.00	5.48	2.00	0.00	0.00	0.01	0.00
5.49	2.00	0.00	0.00	0.01	0.00	5.50	2.00	0.00	0.00	0.01	0.00
5.51	2.00	0.00	0.00	0.01	0.00	5.52	2.00	0.00	0.00	0.01	0.00
5.53	2.00	0.00	0.00	0.01	0.00	5.54	2.00	0.00	0.00	0.01	0.00
5.55	2.00	0.00	0.00	0.01	0.00	5.56	2.00	0.00	0.00	0.01	0.00
5.57	2.00	0.00	0.00	0.01	0.00	5.58	2.00	0.00	0.00	0.01	0.00
5.59	2.00	0.00	0.00	0.01	0.00	5.60	2.00	0.00	0.00	0.01	0.00
5.61	2.00	0.00	0.00	0.01	0.00	5.62	2.00	0.00	0.00	0.01	0.00
5.63	2.00	0.00	0.00	0.01	0.00	5.64	2.00	0.00	0.00	0.01	0.00
5.65	2.00	0.00	0.00	0.01	0.00	5.66	2.00	0.00	0.00	0.01	0.00
5.67	2.00	0.00	0.00	0.01	0.00	5.68	2.00	0.00	0.00	0.01	0.00
5.69	2.00	0.00	0.00	0.01	0.00	5.70	2.00	0.00	0.00	0.01	0.00
5.71	2.00	0.00	0.00	0.01	0.00	5.72	2.00	0.00	0.00	0.01	0.00
5.73	2.00	0.00	0.00	0.01	0.00	5.74	2.00	0.00	0.00	0.01	0.00
5.75	2.00	0.00	0.00	0.01	0.00	5.76	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	2.00	0.00	0.00	0.01	0.00	5.78	2.00	0.00	0.00	0.01	0.00
5.79	2.00	0.00	0.00	0.01	0.00	5.80	2.00	0.00	0.00	0.01	0.00
5.81	2.00	0.00	0.00	0.01	0.00	5.82	2.00	0.00	0.00	0.01	0.00
5.83	2.00	0.00	0.00	0.01	0.00	5.84	2.00	0.00	0.00	0.01	0.00
5.85	2.00	0.00	0.00	0.01	0.00	5.86	2.00	0.00	0.00	0.01	0.00
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	2.00	0.00	0.00	0.01	0.00
6.17	2.00	0.00	0.00	0.01	0.00	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	2.00	0.00	0.00	0.01	0.00	6.26	2.00	0.00	0.00	0.01	0.00
6.27	2.00	0.00	0.00	0.01	0.00	6.28	2.00	0.00	0.00	0.01	0.00
6.29	2.00	0.00	0.00	0.01	0.00	6.30	2.00	0.00	0.00	0.01	0.00
6.31	2.00	0.00	0.00	0.01	0.00	6.32	2.00	0.00	0.00	0.01	0.00
6.33	2.00	0.00	0.00	0.01	0.00	6.34	2.00	0.00	0.00	0.01	0.00
6.35	2.00	0.00	0.00	0.01	0.00	6.36	2.00	0.00	0.00	0.01	0.00
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	2.00	0.00	0.00	0.01	0.00	6.40	2.00	0.00	0.00	0.01	0.00
6.41	2.00	0.00	0.00	0.01	0.00	6.42	2.00	0.00	0.00	0.01	0.00
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	2.00	0.00	0.00	0.01	0.00
6.57	2.00	0.00	0.00	0.01	0.00	6.58	2.00	0.00	0.00	0.01	0.00
6.59	2.00	0.00	0.00	0.01	0.00	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	2.00	0.00	0.00	0.01	0.00
6.93	2.00	0.00	0.00	0.01	0.00	6.94	2.00	0.00	0.00	0.01	0.00
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	2.00	0.00	0.00	0.01	0.00	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00

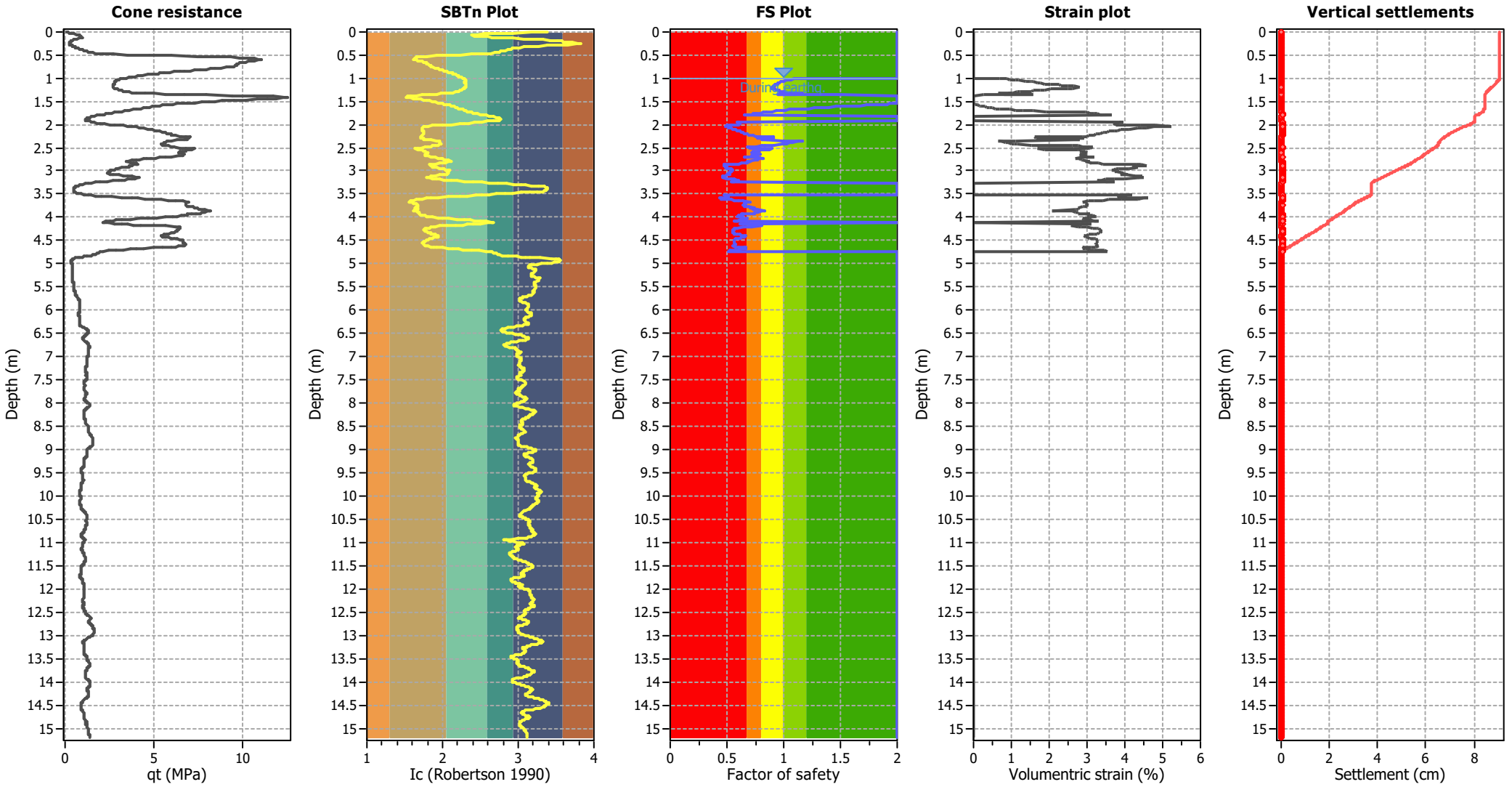
Overall liquefaction potential: 7.72

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	117.03	2.00	0.00	1.00	0.00	1.01	113.69	1.16	0.71	1.00	0.01
1.02	110.00	1.09	0.89	1.00	0.01	1.03	108.76	1.07	0.97	1.00	0.01
1.04	107.18	1.04	1.10	1.00	0.01	1.05	106.27	1.02	1.19	1.00	0.01
1.06	104.63	1.00	1.38	1.00	0.01	1.07	103.83	0.98	1.50	1.00	0.02
1.08	103.79	0.98	1.55	1.00	0.02	1.09	103.79	0.97	1.59	1.00	0.02
1.10	103.37	0.96	1.70	1.00	0.02	1.11	103.63	0.96	1.70	1.00	0.02
1.12	103.42	0.95	1.78	1.00	0.02	1.13	103.16	0.95	1.88	1.00	0.02
1.14	102.70	0.94	2.02	1.00	0.02	1.15	101.99	0.92	2.26	1.00	0.02
1.16	102.01	0.92	2.32	1.00	0.02	1.17	101.73	0.91	2.48	1.00	0.02
1.18	101.46	0.91	2.66	1.00	0.03	1.19	101.32	0.90	2.81	1.00	0.03
1.20	101.76	0.90	2.73	1.00	0.03	1.21	101.94	0.90	2.76	1.00	0.03
1.22	102.54	0.90	2.62	1.00	0.03	1.23	103.17	0.91	2.49	1.00	0.02
1.24	105.23	0.93	2.02	1.00	0.02	1.25	106.19	0.93	1.88	1.00	0.02
1.26	107.19	0.94	1.75	1.00	0.02	1.27	108.57	0.96	1.59	1.00	0.02
1.28	109.31	0.96	1.52	1.00	0.02	1.29	112.57	1.00	1.22	1.00	0.01
1.30	113.42	1.01	1.17	1.00	0.01	1.31	115.29	1.04	1.05	1.00	0.01
1.32	117.39	1.07	0.94	1.00	0.01	1.33	116.80	1.05	0.98	1.00	0.01
1.34	123.45	1.17	0.67	1.00	0.01	1.35	120.11	1.10	0.82	1.00	0.01
1.36	110.43	0.95	1.59	1.00	0.02	1.37	136.57	1.50	0.28	1.00	0.00
1.38	157.54	2.00	0.00	1.00	0.00	1.39	178.85	2.00	0.00	1.00	0.00
1.40	196.64	2.00	0.00	1.00	0.00	1.41	207.90	2.00	0.00	1.00	0.00
1.42	206.48	2.00	0.00	1.00	0.00	1.43	203.18	2.00	0.00	1.00	0.00
1.44	198.99	2.00	0.00	1.00	0.00	1.45	188.08	2.00	0.00	1.00	0.00
1.46	180.86	2.00	0.00	1.00	0.00	1.47	172.31	2.00	0.00	1.00	0.00
1.48	156.41	2.00	0.00	1.00	0.00	1.49	156.23	2.00	0.00	1.00	0.00
1.50	156.21	2.00	0.00	1.00	0.00	1.51	156.62	2.00	0.00	1.00	0.00
1.52	158.20	2.00	0.00	1.00	0.00	1.53	153.66	2.00	0.00	1.00	0.00
1.54	153.35	2.00	0.00	1.00	0.00	1.55	151.36	2.00	0.00	1.00	0.00
1.56	149.33	1.93	0.03	1.00	0.00	1.57	149.05	1.91	0.04	1.00	0.00
1.58	145.35	1.73	0.12	1.00	0.00	1.59	145.33	1.72	0.13	1.00	0.00
1.60	144.13	1.67	0.16	1.00	0.00	1.61	142.86	1.61	0.19	1.00	0.00
1.62	138.50	1.46	0.31	1.00	0.00	1.63	136.75	1.40	0.36	1.00	0.00
1.64	134.82	1.34	0.42	1.00	0.00	1.65	132.44	1.27	0.51	1.00	0.01
1.66	130.25	1.21	0.59	1.00	0.01	1.67	128.08	1.16	0.68	1.00	0.01
1.68	122.44	1.05	0.97	1.00	0.01	1.69	120.48	1.01	1.11	1.00	0.01
1.70	117.97	0.97	1.32	1.00	0.01	1.71	115.64	0.93	1.59	1.00	0.02
1.72	113.43	0.90	1.93	1.00	0.02	1.73	108.87	0.84	2.94	1.00	0.03
1.74	106.61	0.82	3.01	1.00	0.03	1.75	104.78	0.80	3.06	1.00	0.03
1.76	100.13	0.75	3.21	1.00	0.03	1.77	98.02	0.73	3.28	1.00	0.03
1.78	96.13	0.71	3.34	1.00	0.03	1.79	94.20	0.70	3.41	1.00	0.03
1.80	92.41	0.68	3.48	1.00	0.03	1.81	88.20	0.65	3.64	1.00	0.04
1.82	27.68	2.00	0.00	1.00	0.00	1.83	26.01	2.00	0.00	1.00	0.00
1.84	24.50	2.00	0.00	1.00	0.00	1.85	22.99	2.00	0.00	1.00	0.00
1.86	21.64	2.00	0.00	1.00	0.00	1.87	20.47	2.00	0.00	1.00	0.00
1.88	19.29	2.00	0.00	1.00	0.00	1.89	19.29	2.00	0.00	1.00	0.00
1.90	19.46	2.00	0.00	1.00	0.00	1.91	19.46	2.00	0.00	1.00	0.00
1.92	19.46	2.00	0.00	1.00	0.00	1.93	25.00	2.00	0.00	1.00	0.00
1.94	81.46	0.59	3.94	1.00	0.04	1.95	81.09	0.59	3.96	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	83.74	0.60	3.84	1.00	0.04	1.97	84.68	0.61	3.79	1.00	0.04
1.98	86.00	0.62	3.74	1.00	0.04	1.99	87.14	0.62	3.69	1.00	0.04
2.00	84.26	0.60	3.81	1.00	0.04	2.01	85.39	0.61	3.76	1.00	0.04
2.02	72.06	0.54	4.43	1.00	0.04	2.03	65.67	0.51	4.82	1.00	0.05
2.04	60.03	0.48	5.23	1.00	0.05	2.05	63.66	0.50	4.96	1.00	0.05
2.06	66.78	0.51	4.75	1.00	0.05	2.07	69.46	0.52	4.58	1.00	0.05
2.08	71.31	0.53	4.47	1.00	0.04	2.09	73.65	0.54	4.34	1.00	0.04
2.10	78.02	0.56	4.11	1.00	0.04	2.11	80.37	0.57	3.99	1.00	0.04
2.12	82.38	0.58	3.90	1.00	0.04	2.13	84.22	0.59	3.81	1.00	0.04
2.14	86.24	0.60	3.73	1.00	0.04	2.15	89.59	0.62	3.59	1.00	0.04
2.16	90.94	0.63	3.54	1.00	0.04	2.17	92.45	0.64	3.48	1.00	0.03
2.18	93.96	0.65	3.42	1.00	0.03	2.19	95.80	0.66	3.36	1.00	0.03
2.20	97.98	0.67	3.28	1.00	0.03	2.21	99.16	0.68	3.24	1.00	0.03
2.22	101.17	0.70	3.18	1.00	0.03	2.23	101.00	0.70	3.18	1.00	0.03
2.24	105.03	0.73	3.06	1.00	0.03	2.25	107.55	0.75	2.98	1.00	0.03
2.26	109.73	0.77	2.92	1.00	0.03	2.27	111.40	0.79	2.87	1.00	0.03
2.28	120.80	0.91	1.60	1.00	0.02	2.29	120.30	0.90	1.67	1.00	0.02
2.30	109.73	0.77	2.92	1.00	0.03	2.31	114.26	0.82	2.80	1.00	0.03
2.32	117.79	0.86	2.11	1.00	0.02	2.33	113.20	0.81	2.83	1.00	0.03
2.34	115.63	0.83	2.67	1.00	0.03	2.35	126.33	1.00	1.12	1.00	0.01
2.36	134.32	1.16	0.67	1.00	0.01	2.37	133.24	1.13	0.72	1.00	0.01
2.38	130.45	1.07	0.87	1.00	0.01	2.39	129.77	1.06	0.91	1.00	0.01
2.40	129.49	1.05	0.93	1.00	0.01	2.41	128.47	1.03	0.99	1.00	0.01
2.42	127.20	1.00	1.08	1.00	0.01	2.43	126.09	0.98	1.17	1.00	0.01
2.44	122.15	0.92	1.55	1.00	0.02	2.45	116.43	0.83	2.60	1.00	0.03
2.46	114.69	0.81	2.79	1.00	0.03	2.47	110.31	0.76	2.90	1.00	0.03
2.48	102.85	0.69	3.12	1.00	0.03	2.49	101.41	0.68	3.17	1.00	0.03
2.50	104.36	0.70	3.08	1.00	0.03	2.51	116.60	0.83	2.64	1.00	0.03
2.52	121.30	0.89	1.71	1.00	0.02	2.53	121.64	0.90	1.67	1.00	0.02
2.54	120.30	0.88	1.88	1.00	0.02	2.55	115.26	0.81	2.77	1.00	0.03
2.56	112.91	0.78	2.83	1.00	0.03	2.57	113.25	0.78	2.82	1.00	0.03
2.58	112.42	0.77	2.85	1.00	0.03	2.59	108.22	0.73	2.96	1.00	0.03
2.60	106.73	0.71	3.00	1.00	0.03	2.61	109.13	0.74	2.94	1.00	0.03
2.62	111.24	0.76	2.88	1.00	0.03	2.63	110.91	0.75	2.89	1.00	0.03
2.64	111.71	0.76	2.86	1.00	0.03	2.65	114.15	0.79	2.80	1.00	0.03
2.66	107.88	0.72	2.97	1.00	0.03	2.67	113.14	0.78	2.83	1.00	0.03
2.68	107.37	0.72	2.99	1.00	0.03	2.69	112.61	0.77	2.84	1.00	0.03
2.70	100.54	0.66	3.20	1.00	0.03	2.71	111.41	0.75	2.87	1.00	0.03
2.72	117.44	0.82	2.68	1.00	0.03	2.73	115.45	0.80	2.77	1.00	0.03
2.74	115.42	0.80	2.77	1.00	0.03	2.75	113.84	0.78	2.81	1.00	0.03
2.76	112.71	0.76	2.84	1.00	0.03	2.77	110.56	0.74	2.90	1.00	0.03
2.78	110.96	0.74	2.89	1.00	0.03	2.79	105.60	0.69	3.04	1.00	0.03
2.80	104.89	0.68	3.06	1.00	0.03	2.81	107.56	0.71	2.98	1.00	0.03
2.82	102.64	0.66	3.13	1.00	0.03	2.83	103.81	0.67	3.09	1.00	0.03
2.84	97.53	0.62	3.30	1.00	0.03	2.85	93.69	0.60	3.43	1.00	0.03
2.86	74.30	0.49	4.30	1.00	0.04	2.87	71.99	0.48	4.43	1.00	0.04
2.88	69.45	0.47	4.58	1.00	0.05	2.89	75.53	0.50	4.24	1.00	0.04
2.90	75.16	0.49	4.26	1.00	0.04	2.91	74.49	0.49	4.29	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	76.36	0.50	4.19	1.00	0.04	2.93	73.62	0.49	4.34	1.00	0.04
2.94	77.92	0.51	4.11	1.00	0.04	2.95	83.27	0.53	3.86	1.00	0.04
2.96	85.39	0.54	3.76	1.00	0.04	2.97	87.30	0.55	3.68	1.00	0.04
2.98	85.83	0.54	3.74	1.00	0.04	2.99	87.61	0.55	3.67	1.00	0.04
3.00	85.04	0.54	3.78	1.00	0.04	3.01	85.98	0.54	3.74	1.00	0.04
3.02	83.72	0.53	3.84	1.00	0.04	3.03	84.77	0.53	3.79	1.00	0.04
3.04	80.77	0.51	3.97	1.00	0.04	3.05	82.62	0.52	3.89	1.00	0.04
3.06	82.94	0.52	3.87	1.00	0.04	3.07	78.81	0.50	4.07	1.00	0.04
3.08	83.02	0.52	3.87	1.00	0.04	3.09	79.27	0.50	4.04	1.00	0.04
3.10	75.10	0.48	4.26	1.00	0.04	3.11	75.32	0.48	4.25	1.00	0.04
3.12	71.44	0.47	4.46	1.00	0.04	3.13	73.39	0.47	4.35	1.00	0.04
3.14	70.68	0.46	4.51	1.00	0.05	3.15	72.28	0.47	4.41	1.00	0.04
3.16	80.08	0.50	4.00	1.00	0.04	3.17	86.12	0.54	3.73	1.00	0.04
3.18	91.50	0.57	3.51	1.00	0.04	3.19	94.99	0.59	3.39	1.00	0.03
3.20	96.44	0.60	3.33	1.00	0.03	3.21	97.05	0.60	3.31	1.00	0.03
3.22	97.86	0.61	3.28	1.00	0.03	3.23	91.59	0.56	3.51	1.00	0.04
3.24	89.79	0.55	3.58	1.00	0.04	3.25	86.38	0.53	3.72	1.00	0.04
3.26	24.66	2.00	0.00	1.00	0.00	3.27	21.31	2.00	0.00	1.00	0.00
3.28	18.46	2.00	0.00	1.00	0.00	3.29	15.27	2.00	0.00	1.00	0.00
3.30	14.09	2.00	0.00	1.00	0.00	3.31	13.09	2.00	0.00	1.00	0.00
3.32	12.25	2.00	0.00	1.00	0.00	3.33	9.73	2.00	0.00	1.00	0.00
3.34	9.73	2.00	0.00	1.00	0.00	3.35	8.56	2.00	0.00	1.00	0.00
3.36	8.39	2.00	0.00	1.00	0.00	3.37	8.39	2.00	0.00	1.00	0.00
3.38	8.22	2.00	0.00	1.00	0.00	3.39	7.55	2.00	0.00	1.00	0.00
3.40	7.21	2.00	0.00	1.00	0.00	3.41	7.05	2.00	0.00	1.00	0.00
3.42	6.88	2.00	0.00	1.00	0.00	3.43	6.71	2.00	0.00	1.00	0.00
3.44	6.71	2.00	0.00	1.00	0.00	3.45	6.71	2.00	0.00	1.00	0.00
3.46	7.72	2.00	0.00	1.00	0.00	3.47	8.56	2.00	0.00	1.00	0.00
3.48	9.73	2.00	0.00	1.00	0.00	3.49	11.58	2.00	0.00	1.00	0.00
3.50	13.76	2.00	0.00	1.00	0.00	3.51	18.46	2.00	0.00	1.00	0.00
3.52	76.64	0.47	4.18	1.00	0.04	3.53	78.80	0.48	4.07	1.00	0.04
3.54	80.80	0.49	3.97	1.00	0.04	3.55	84.24	0.51	3.81	1.00	0.04
3.56	82.71	0.50	3.88	1.00	0.04	3.57	84.30	0.51	3.81	1.00	0.04
3.58	69.03	0.44	4.61	1.00	0.05	3.59	71.01	0.44	4.49	1.00	0.04
3.60	73.32	0.45	4.36	1.00	0.04	3.61	81.54	0.49	3.94	1.00	0.04
3.62	90.11	0.54	3.57	1.00	0.04	3.63	94.40	0.57	3.41	1.00	0.03
3.64	100.44	0.61	3.20	1.00	0.03	3.65	105.36	0.64	3.05	1.00	0.03
3.66	111.56	0.70	2.87	1.00	0.03	3.67	109.26	0.68	2.93	1.00	0.03
3.68	108.00	0.67	2.97	1.00	0.03	3.69	107.40	0.66	2.99	1.00	0.03
3.70	107.97	0.66	2.97	1.00	0.03	3.71	107.23	0.66	2.99	1.00	0.03
3.72	107.66	0.66	2.98	1.00	0.03	3.73	106.00	0.65	3.03	1.00	0.03
3.74	107.49	0.66	2.98	1.00	0.03	3.75	106.75	0.65	3.00	1.00	0.03
3.76	107.31	0.66	2.99	1.00	0.03	3.77	109.17	0.67	2.93	1.00	0.03
3.78	110.64	0.69	2.89	1.00	0.03	3.79	115.69	0.74	2.76	1.00	0.03
3.80	113.17	0.71	2.83	1.00	0.03	3.81	114.61	0.73	2.79	1.00	0.03
3.82	114.78	0.73	2.78	1.00	0.03	3.83	117.36	0.76	2.72	1.00	0.03
3.84	118.40	0.77	2.69	1.00	0.03	3.85	123.38	0.83	2.13	1.00	0.02
3.86	123.66	0.84	2.08	1.00	0.02	3.87	121.10	0.80	2.63	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	118.15	0.76	2.70	1.00	0.03	3.89	118.43	0.77	2.69	1.00	0.03
3.90	116.06	0.74	2.75	1.00	0.03	3.91	115.97	0.74	2.75	1.00	0.03
3.92	115.88	0.74	2.76	1.00	0.03	3.93	104.64	0.63	3.07	1.00	0.03
3.94	106.62	0.65	3.01	1.00	0.03	3.95	106.41	0.64	3.01	1.00	0.03
3.96	103.99	0.62	3.09	1.00	0.03	3.97	101.72	0.61	3.16	1.00	0.03
3.98	99.11	0.59	3.24	1.00	0.03	3.99	99.16	0.59	3.24	1.00	0.03
4.00	103.74	0.62	3.09	1.00	0.03	4.01	106.83	0.65	3.00	1.00	0.03
4.02	109.92	0.67	2.91	1.00	0.03	4.03	111.19	0.69	2.88	1.00	0.03
4.04	109.37	0.67	2.93	1.00	0.03	4.05	103.33	0.62	3.11	1.00	0.03
4.06	103.91	0.62	3.09	1.00	0.03	4.07	100.71	0.60	3.19	1.00	0.03
4.08	99.42	0.59	3.23	1.00	0.03	4.09	96.98	0.57	3.31	1.00	0.03
4.10	31.73	2.00	0.00	1.00	0.00	4.11	32.69	2.00	0.00	1.00	0.00
4.12	36.14	2.00	0.00	1.00	0.00	4.13	103.47	0.62	3.10	1.00	0.03
4.14	108.78	0.66	2.95	1.00	0.03	4.15	112.43	0.70	2.85	1.00	0.03
4.16	114.31	0.71	2.80	1.00	0.03	4.17	116.04	0.73	2.75	1.00	0.03
4.18	117.20	0.75	2.72	1.00	0.03	4.19	121.89	0.80	2.58	1.00	0.03
4.20	115.11	0.72	2.78	1.00	0.03	4.21	112.53	0.70	2.84	1.00	0.03
4.22	106.35	0.64	3.02	1.00	0.03	4.23	101.40	0.60	3.17	1.00	0.03
4.24	98.83	0.58	3.25	1.00	0.03	4.25	97.29	0.57	3.30	1.00	0.03
4.26	96.52	0.56	3.33	1.00	0.03	4.27	96.07	0.56	3.35	1.00	0.03
4.28	95.76	0.55	3.36	1.00	0.03	4.29	95.19	0.55	3.38	1.00	0.03
4.30	95.06	0.55	3.38	1.00	0.03	4.31	95.12	0.55	3.38	1.00	0.03
4.32	96.18	0.56	3.34	1.00	0.03	4.33	96.91	0.56	3.32	1.00	0.03
4.34	96.72	0.56	3.32	1.00	0.03	4.35	98.15	0.57	3.27	1.00	0.03
4.36	100.52	0.59	3.20	1.00	0.03	4.37	105.07	0.62	3.05	1.00	0.03
4.38	106.33	0.63	3.02	1.00	0.03	4.39	109.38	0.66	2.93	1.00	0.03
4.40	109.39	0.66	2.93	1.00	0.03	4.41	110.22	0.67	2.91	1.00	0.03
4.42	108.26	0.65	2.96	1.00	0.03	4.43	108.72	0.65	2.95	1.00	0.03
4.44	106.51	0.63	3.01	1.00	0.03	4.45	104.19	0.61	3.08	1.00	0.03
4.46	100.52	0.58	3.20	1.00	0.03	4.47	99.65	0.58	3.22	1.00	0.03
4.48	98.49	0.57	3.26	1.00	0.03	4.49	98.35	0.57	3.27	1.00	0.03
4.50	98.38	0.57	3.27	1.00	0.03	4.51	98.60	0.57	3.26	1.00	0.03
4.52	98.02	0.56	3.28	1.00	0.03	4.53	98.06	0.56	3.28	1.00	0.03
4.54	98.24	0.57	3.27	1.00	0.03	4.55	98.77	0.57	3.25	1.00	0.03
4.56	99.06	0.57	3.24	1.00	0.03	4.57	99.60	0.57	3.23	1.00	0.03
4.58	99.77	0.57	3.22	1.00	0.03	4.59	99.58	0.57	3.23	1.00	0.03
4.60	98.67	0.57	3.26	1.00	0.03	4.61	98.04	0.56	3.28	1.00	0.03
4.62	96.85	0.55	3.32	1.00	0.03	4.63	99.60	0.57	3.23	1.00	0.03
4.64	102.98	0.60	3.12	1.00	0.03	4.65	110.29	0.66	2.90	1.00	0.03
4.66	108.95	0.65	2.94	1.00	0.03	4.67	110.37	0.66	2.90	1.00	0.03
4.68	108.68	0.64	2.95	1.00	0.03	4.69	106.77	0.63	3.00	1.00	0.03
4.70	104.11	0.61	3.08	1.00	0.03	4.71	100.92	0.58	3.18	1.00	0.03
4.72	92.40	0.52	3.48	1.00	0.03	4.73	90.42	0.51	3.56	1.00	0.04
4.74	29.01	2.00	0.00	1.00	0.00	4.75	28.00	2.00	0.00	1.00	0.00
4.76	27.82	2.00	0.00	1.00	0.00	4.77	27.52	2.00	0.00	1.00	0.00
4.78	26.37	2.00	0.00	1.00	0.00	4.79	25.08	2.00	0.00	1.00	0.00
4.80	23.65	2.00	0.00	1.00	0.00	4.81	23.91	2.00	0.00	1.00	0.00
4.82	22.33	2.00	0.00	1.00	0.00	4.83	17.74	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	15.83	2.00	0.00	1.00	0.00	4.85	13.05	2.00	0.00	1.00	0.00
4.86	13.19	2.00	0.00	1.00	0.00	4.87	12.15	2.00	0.00	1.00	0.00
4.88	8.14	2.00	0.00	1.00	0.00	4.89	7.08	2.00	0.00	1.00	0.00
4.90	6.32	2.00	0.00	1.00	0.00	4.91	6.31	2.00	0.00	1.00	0.00
4.92	6.31	2.00	0.00	1.00	0.00	4.93	5.24	2.00	0.00	1.00	0.00
4.94	5.24	2.00	0.00	1.00	0.00	4.95	5.24	2.00	0.00	1.00	0.00
4.96	5.23	2.00	0.00	1.00	0.00	4.97	5.23	2.00	0.00	1.00	0.00
4.98	5.38	2.00	0.00	1.00	0.00	4.99	5.37	2.00	0.00	1.00	0.00
5.00	5.52	2.00	0.00	1.00	0.00	5.01	5.97	2.00	0.00	1.00	0.00
5.02	5.96	2.00	0.00	1.00	0.00	5.03	6.11	2.00	0.00	1.00	0.00
5.04	6.11	2.00	0.00	1.00	0.00	5.05	6.10	2.00	0.00	1.00	0.00
5.06	6.10	2.00	0.00	1.00	0.00	5.07	6.24	2.00	0.00	1.00	0.00
5.08	6.24	2.00	0.00	1.00	0.00	5.09	6.24	2.00	0.00	1.00	0.00
5.10	6.23	2.00	0.00	1.00	0.00	5.11	6.23	2.00	0.00	1.00	0.00
5.12	6.22	2.00	0.00	1.00	0.00	5.13	6.07	2.00	0.00	1.00	0.00
5.14	6.07	2.00	0.00	1.00	0.00	5.15	6.06	2.00	0.00	1.00	0.00
5.16	6.06	2.00	0.00	1.00	0.00	5.17	6.06	2.00	0.00	1.00	0.00
5.18	6.05	2.00	0.00	1.00	0.00	5.19	6.05	2.00	0.00	1.00	0.00
5.20	6.04	2.00	0.00	1.00	0.00	5.21	6.04	2.00	0.00	1.00	0.00
5.22	6.04	2.00	0.00	1.00	0.00	5.23	6.03	2.00	0.00	1.00	0.00
5.24	6.03	2.00	0.00	1.00	0.00	5.25	6.03	2.00	0.00	1.00	0.00
5.26	6.02	2.00	0.00	1.00	0.00	5.27	6.02	2.00	0.00	1.00	0.00
5.28	6.01	2.00	0.00	1.00	0.00	5.29	5.86	2.00	0.00	1.00	0.00
5.30	5.71	2.00	0.00	1.00	0.00	5.31	5.71	2.00	0.00	1.00	0.00
5.32	5.85	2.00	0.00	1.00	0.00	5.33	5.85	2.00	0.00	1.00	0.00
5.34	5.84	2.00	0.00	1.00	0.00	5.35	5.84	2.00	0.00	1.00	0.00
5.36	5.98	2.00	0.00	1.00	0.00	5.37	6.13	2.00	0.00	1.00	0.00
5.38	6.27	2.00	0.00	1.00	0.00	5.39	6.41	2.00	0.00	1.00	0.00
5.40	6.41	2.00	0.00	1.00	0.00	5.41	6.55	2.00	0.00	1.00	0.00
5.42	6.54	2.00	0.00	1.00	0.00	5.43	6.54	2.00	0.00	1.00	0.00
5.44	6.68	2.00	0.00	1.00	0.00	5.45	6.68	2.00	0.00	1.00	0.00
5.46	6.82	2.00	0.00	1.00	0.00	5.47	6.81	2.00	0.00	1.00	0.00
5.48	6.81	2.00	0.00	1.00	0.00	5.49	6.80	2.00	0.00	1.00	0.00
5.50	6.94	2.00	0.00	1.00	0.00	5.51	6.94	2.00	0.00	1.00	0.00
5.52	6.94	2.00	0.00	1.00	0.00	5.53	7.22	2.00	0.00	1.00	0.00
5.54	7.21	2.00	0.00	1.00	0.00	5.55	7.35	2.00	0.00	1.00	0.00
5.56	7.35	2.00	0.00	1.00	0.00	5.57	7.49	2.00	0.00	1.00	0.00
5.58	7.63	2.00	0.00	1.00	0.00	5.59	7.76	2.00	0.00	1.00	0.00
5.60	7.76	2.00	0.00	1.00	0.00	5.61	7.75	2.00	0.00	1.00	0.00
5.62	7.75	2.00	0.00	1.00	0.00	5.63	7.74	2.00	0.00	1.00	0.00
5.64	8.02	2.00	0.00	1.00	0.00	5.65	8.16	2.00	0.00	1.00	0.00
5.66	8.15	2.00	0.00	1.00	0.00	5.67	8.29	2.00	0.00	1.00	0.00
5.68	8.43	2.00	0.00	1.00	0.00	5.69	8.85	2.00	0.00	1.00	0.00
5.70	9.12	2.00	0.00	1.00	0.00	5.71	9.40	2.00	0.00	1.00	0.00
5.72	9.67	2.00	0.00	1.00	0.00	5.73	9.95	2.00	0.00	1.00	0.00
5.74	10.22	2.00	0.00	1.00	0.00	5.75	10.35	2.00	0.00	1.00	0.00
5.76	10.49	2.00	0.00	1.00	0.00	5.77	10.48	2.00	0.00	1.00	0.00
5.78	11.03	2.00	0.00	1.00	0.00	5.79	11.16	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	11.01	2.00	0.00	1.00	0.00	5.81	11.01	2.00	0.00	1.00	0.00
5.82	11.00	2.00	0.00	1.00	0.00	5.83	10.85	2.00	0.00	1.00	0.00
5.84	10.84	2.00	0.00	1.00	0.00	5.85	10.84	2.00	0.00	1.00	0.00
5.86	10.83	2.00	0.00	1.00	0.00	5.87	10.82	2.00	0.00	1.00	0.00
5.88	10.81	2.00	0.00	1.00	0.00	5.89	10.80	2.00	0.00	1.00	0.00
5.90	10.93	2.00	0.00	1.00	0.00	5.91	10.92	2.00	0.00	1.00	0.00
5.92	10.92	2.00	0.00	1.00	0.00	5.93	10.63	2.00	0.00	1.00	0.00
5.94	10.90	2.00	0.00	1.00	0.00	5.95	11.03	2.00	0.00	1.00	0.00
5.96	11.02	2.00	0.00	1.00	0.00	5.97	11.01	2.00	0.00	1.00	0.00
5.98	11.00	2.00	0.00	1.00	0.00	5.99	11.00	2.00	0.00	1.00	0.00
6.00	11.12	2.00	0.00	1.00	0.00	6.01	10.98	2.00	0.00	1.00	0.00
6.02	10.97	2.00	0.00	1.00	0.00	6.03	10.96	2.00	0.00	1.00	0.00
6.04	10.95	2.00	0.00	1.00	0.00	6.05	10.81	2.00	0.00	1.00	0.00
6.06	10.66	2.00	0.00	1.00	0.00	6.07	10.52	2.00	0.00	1.00	0.00
6.08	10.37	2.00	0.00	1.00	0.00	6.09	10.37	2.00	0.00	1.00	0.00
6.10	10.36	2.00	0.00	1.00	0.00	6.11	10.49	2.00	0.00	1.00	0.00
6.12	10.48	2.00	0.00	1.00	0.00	6.13	10.61	2.00	0.00	1.00	0.00
6.14	10.74	2.00	0.00	1.00	0.00	6.15	11.00	2.00	0.00	1.00	0.00
6.16	11.13	2.00	0.00	1.00	0.00	6.17	11.25	2.00	0.00	1.00	0.00
6.18	11.25	2.00	0.00	1.00	0.00	6.19	11.24	2.00	0.00	1.00	0.00
6.20	11.37	2.00	0.00	1.00	0.00	6.21	11.49	2.00	0.00	1.00	0.00
6.22	11.48	2.00	0.00	1.00	0.00	6.23	11.47	2.00	0.00	1.00	0.00
6.24	11.47	2.00	0.00	1.00	0.00	6.25	11.46	2.00	0.00	1.00	0.00
6.26	11.45	2.00	0.00	1.00	0.00	6.27	11.17	2.00	0.00	1.00	0.00
6.28	11.03	2.00	0.00	1.00	0.00	6.29	11.02	2.00	0.00	1.00	0.00
6.30	11.01	2.00	0.00	1.00	0.00	6.31	11.00	2.00	0.00	1.00	0.00
6.32	11.13	2.00	0.00	1.00	0.00	6.33	11.53	2.00	0.00	1.00	0.00
6.34	11.78	2.00	0.00	1.00	0.00	6.35	12.18	2.00	0.00	1.00	0.00
6.36	13.23	2.00	0.00	1.00	0.00	6.37	13.23	2.00	0.00	1.00	0.00
6.38	15.08	2.00	0.00	1.00	0.00	6.39	15.34	2.00	0.00	1.00	0.00
6.40	15.86	2.00	0.00	1.00	0.00	6.41	16.24	2.00	0.00	1.00	0.00
6.42	16.37	2.00	0.00	1.00	0.00	6.43	17.01	2.00	0.00	1.00	0.00
6.44	17.39	2.00	0.00	1.00	0.00	6.45	17.37	2.00	0.00	1.00	0.00
6.46	17.23	2.00	0.00	1.00	0.00	6.47	17.34	2.00	0.00	1.00	0.00
6.48	16.93	2.00	0.00	1.00	0.00	6.49	16.91	2.00	0.00	1.00	0.00
6.50	17.67	2.00	0.00	1.00	0.00	6.51	15.57	2.00	0.00	1.00	0.00
6.52	15.30	2.00	0.00	1.00	0.00	6.53	15.16	2.00	0.00	1.00	0.00
6.54	14.76	2.00	0.00	1.00	0.00	6.55	14.75	2.00	0.00	1.00	0.00
6.56	14.61	2.00	0.00	1.00	0.00	6.57	14.33	2.00	0.00	1.00	0.00
6.58	14.06	2.00	0.00	1.00	0.00	6.59	13.66	2.00	0.00	1.00	0.00
6.60	13.13	2.00	0.00	1.00	0.00	6.61	13.12	2.00	0.00	1.00	0.00
6.62	12.98	2.00	0.00	1.00	0.00	6.63	13.10	2.00	0.00	1.00	0.00
6.64	13.35	2.00	0.00	1.00	0.00	6.65	13.73	2.00	0.00	1.00	0.00
6.66	14.11	2.00	0.00	1.00	0.00	6.67	14.62	2.00	0.00	1.00	0.00
6.68	15.38	2.00	0.00	1.00	0.00	6.69	15.76	2.00	0.00	1.00	0.00
6.70	16.01	2.00	0.00	1.00	0.00	6.71	16.26	2.00	0.00	1.00	0.00
6.72	16.64	2.00	0.00	1.00	0.00	6.73	17.01	2.00	0.00	1.00	0.00
6.74	17.13	2.00	0.00	1.00	0.00	6.75	17.25	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	17.11	2.00	0.00	1.00	0.00	6.77	17.48	2.00	0.00	1.00	0.00
6.78	17.85	2.00	0.00	1.00	0.00	6.79	17.96	2.00	0.00	1.00	0.00
6.80	17.81	2.00	0.00	1.00	0.00	6.81	16.90	2.00	0.00	1.00	0.00
6.82	16.50	2.00	0.00	1.00	0.00	6.83	16.49	2.00	0.00	1.00	0.00
6.84	16.61	2.00	0.00	1.00	0.00	6.85	16.72	2.00	0.00	1.00	0.00
6.86	16.84	2.00	0.00	1.00	0.00	6.87	17.20	2.00	0.00	1.00	0.00
6.88	16.94	2.00	0.00	1.00	0.00	6.89	16.67	2.00	0.00	1.00	0.00
6.90	16.41	2.00	0.00	1.00	0.00	6.91	16.40	2.00	0.00	1.00	0.00
6.92	16.38	2.00	0.00	1.00	0.00	6.93	16.12	2.00	0.00	1.00	0.00
6.94	16.49	2.00	0.00	1.00	0.00	6.95	16.47	2.00	0.00	1.00	0.00
6.96	16.46	2.00	0.00	1.00	0.00	6.97	16.32	2.00	0.00	1.00	0.00
6.98	16.44	2.00	0.00	1.00	0.00	6.99	16.18	2.00	0.00	1.00	0.00
7.00	15.79	2.00	0.00	1.00	0.00	7.01	15.78	2.00	0.00	1.00	0.00
7.02	15.76	2.00	0.00	1.00	0.00	7.03	15.38	2.00	0.00	1.00	0.00
7.04	15.36	2.00	0.00	1.00	0.00	7.05	15.35	2.00	0.00	1.00	0.00
7.06	15.09	2.00	0.00	1.00	0.00	7.07	15.33	2.00	0.00	1.00	0.00
7.08	15.32	2.00	0.00	1.00	0.00	7.09	15.31	2.00	0.00	1.00	0.00
7.10	15.42	2.00	0.00	1.00	0.00	7.11	15.29	2.00	0.00	1.00	0.00
7.12	15.28	2.00	0.00	1.00	0.00	7.13	15.39	2.00	0.00	1.00	0.00
7.14	15.26	2.00	0.00	1.00	0.00	7.15	15.25	2.00	0.00	1.00	0.00
7.16	15.23	2.00	0.00	1.00	0.00	7.17	15.22	2.00	0.00	1.00	0.00
7.18	15.21	2.00	0.00	1.00	0.00	7.19	15.08	2.00	0.00	1.00	0.00
7.20	14.82	2.00	0.00	1.00	0.00	7.21	14.81	2.00	0.00	1.00	0.00
7.22	14.55	2.00	0.00	1.00	0.00	7.23	14.54	2.00	0.00	1.00	0.00
7.24	14.53	2.00	0.00	1.00	0.00	7.25	14.52	2.00	0.00	1.00	0.00
7.26	14.51	2.00	0.00	1.00	0.00	7.27	14.37	2.00	0.00	1.00	0.00
7.28	14.12	2.00	0.00	1.00	0.00	7.29	13.98	2.00	0.00	1.00	0.00
7.30	14.10	2.00	0.00	1.00	0.00	7.31	14.34	2.00	0.00	1.00	0.00
7.32	14.45	2.00	0.00	1.00	0.00	7.33	14.32	2.00	0.00	1.00	0.00
7.34	14.68	2.00	0.00	1.00	0.00	7.35	14.91	2.00	0.00	1.00	0.00
7.36	15.03	2.00	0.00	1.00	0.00	7.37	15.02	2.00	0.00	1.00	0.00
7.38	14.51	2.00	0.00	1.00	0.00	7.39	14.63	2.00	0.00	1.00	0.00
7.40	14.62	2.00	0.00	1.00	0.00	7.41	14.61	2.00	0.00	1.00	0.00
7.42	14.97	2.00	0.00	1.00	0.00	7.43	14.96	2.00	0.00	1.00	0.00
7.44	15.07	2.00	0.00	1.00	0.00	7.45	15.30	2.00	0.00	1.00	0.00
7.46	14.93	2.00	0.00	1.00	0.00	7.47	14.92	2.00	0.00	1.00	0.00
7.48	14.78	2.00	0.00	1.00	0.00	7.49	14.53	2.00	0.00	1.00	0.00
7.50	14.40	2.00	0.00	1.00	0.00	7.51	13.90	2.00	0.00	1.00	0.00
7.52	13.52	2.00	0.00	1.00	0.00	7.53	13.39	2.00	0.00	1.00	0.00
7.54	13.38	2.00	0.00	1.00	0.00	7.55	13.37	2.00	0.00	1.00	0.00
7.56	13.24	2.00	0.00	1.00	0.00	7.57	13.35	2.00	0.00	1.00	0.00
7.58	13.22	2.00	0.00	1.00	0.00	7.59	13.09	2.00	0.00	1.00	0.00
7.60	13.33	2.00	0.00	1.00	0.00	7.61	13.56	2.00	0.00	1.00	0.00
7.62	13.68	2.00	0.00	1.00	0.00	7.63	13.55	2.00	0.00	1.00	0.00
7.64	13.17	2.00	0.00	1.00	0.00	7.65	13.04	2.00	0.00	1.00	0.00
7.66	13.03	2.00	0.00	1.00	0.00	7.67	13.15	2.00	0.00	1.00	0.00
7.68	13.26	2.00	0.00	1.00	0.00	7.69	13.49	2.00	0.00	1.00	0.00
7.70	13.24	2.00	0.00	1.00	0.00	7.71	13.11	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	13.11	2.00	0.00	1.00	0.00	7.73	13.10	2.00	0.00	1.00	0.00
7.74	13.45	2.00	0.00	1.00	0.00	7.75	13.81	2.00	0.00	1.00	0.00
7.76	14.04	2.00	0.00	1.00	0.00	7.77	14.27	2.00	0.00	1.00	0.00
7.78	14.38	2.00	0.00	1.00	0.00	7.79	14.49	2.00	0.00	1.00	0.00
7.80	14.37	2.00	0.00	1.00	0.00	7.81	14.24	2.00	0.00	1.00	0.00
7.82	13.99	2.00	0.00	1.00	0.00	7.83	13.98	2.00	0.00	1.00	0.00
7.84	13.97	2.00	0.00	1.00	0.00	7.85	13.72	2.00	0.00	1.00	0.00
7.86	13.47	2.00	0.00	1.00	0.00	7.87	13.34	2.00	0.00	1.00	0.00
7.88	13.33	2.00	0.00	1.00	0.00	7.89	13.08	2.00	0.00	1.00	0.00
7.90	13.20	2.00	0.00	1.00	0.00	7.91	13.19	2.00	0.00	1.00	0.00
7.92	13.18	2.00	0.00	1.00	0.00	7.93	13.05	2.00	0.00	1.00	0.00
7.94	13.40	2.00	0.00	1.00	0.00	7.95	13.63	2.00	0.00	1.00	0.00
7.96	13.86	2.00	0.00	1.00	0.00	7.97	14.09	2.00	0.00	1.00	0.00
7.98	14.20	2.00	0.00	1.00	0.00	7.99	14.43	2.00	0.00	1.00	0.00
8.00	15.14	2.00	0.00	1.00	0.00	8.01	15.72	2.00	0.00	1.00	0.00
8.02	16.18	2.00	0.00	1.00	0.00	8.03	16.41	2.00	0.00	1.00	0.00
8.04	16.64	2.00	0.00	1.00	0.00	8.05	16.74	2.00	0.00	1.00	0.00
8.06	16.73	2.00	0.00	1.00	0.00	8.07	15.90	2.00	0.00	1.00	0.00
8.08	15.41	2.00	0.00	1.00	0.00	8.09	15.05	2.00	0.00	1.00	0.00
8.10	14.57	2.00	0.00	1.00	0.00	8.11	14.32	2.00	0.00	1.00	0.00
8.12	14.08	2.00	0.00	1.00	0.00	8.13	13.83	2.00	0.00	1.00	0.00
8.14	13.23	2.00	0.00	1.00	0.00	8.15	12.99	2.00	0.00	1.00	0.00
8.16	12.62	2.00	0.00	1.00	0.00	8.17	12.38	2.00	0.00	1.00	0.00
8.18	12.37	2.00	0.00	1.00	0.00	8.19	12.36	2.00	0.00	1.00	0.00
8.20	12.35	2.00	0.00	1.00	0.00	8.21	12.35	2.00	0.00	1.00	0.00
8.22	12.34	2.00	0.00	1.00	0.00	8.23	12.21	2.00	0.00	1.00	0.00
8.24	12.32	2.00	0.00	1.00	0.00	8.25	12.32	2.00	0.00	1.00	0.00
8.26	12.31	2.00	0.00	1.00	0.00	8.27	12.30	2.00	0.00	1.00	0.00
8.28	12.29	2.00	0.00	1.00	0.00	8.29	12.28	2.00	0.00	1.00	0.00
8.30	12.28	2.00	0.00	1.00	0.00	8.31	12.39	2.00	0.00	1.00	0.00
8.32	12.50	2.00	0.00	1.00	0.00	8.33	12.61	2.00	0.00	1.00	0.00
8.34	12.72	2.00	0.00	1.00	0.00	8.35	13.06	2.00	0.00	1.00	0.00
8.36	13.28	2.00	0.00	1.00	0.00	8.37	13.51	2.00	0.00	1.00	0.00
8.38	13.62	2.00	0.00	1.00	0.00	8.39	13.49	2.00	0.00	1.00	0.00
8.40	13.37	2.00	0.00	1.00	0.00	8.41	13.48	2.00	0.00	1.00	0.00
8.42	13.59	2.00	0.00	1.00	0.00	8.43	13.58	2.00	0.00	1.00	0.00
8.44	13.45	2.00	0.00	1.00	0.00	8.45	13.56	2.00	0.00	1.00	0.00
8.46	14.02	2.00	0.00	1.00	0.00	8.47	14.36	2.00	0.00	1.00	0.00
8.48	14.58	2.00	0.00	1.00	0.00	8.49	14.92	2.00	0.00	1.00	0.00
8.50	15.14	2.00	0.00	1.00	0.00	8.51	15.13	2.00	0.00	1.00	0.00
8.52	15.12	2.00	0.00	1.00	0.00	8.53	15.11	2.00	0.00	1.00	0.00
8.54	14.99	2.00	0.00	1.00	0.00	8.55	14.98	2.00	0.00	1.00	0.00
8.56	14.97	2.00	0.00	1.00	0.00	8.57	14.62	2.00	0.00	1.00	0.00
8.58	14.61	2.00	0.00	1.00	0.00	8.59	14.71	2.00	0.00	1.00	0.00
8.60	14.70	2.00	0.00	1.00	0.00	8.61	14.69	2.00	0.00	1.00	0.00
8.62	14.80	2.00	0.00	1.00	0.00	8.63	15.25	2.00	0.00	1.00	0.00
8.64	15.47	2.00	0.00	1.00	0.00	8.65	15.80	2.00	0.00	1.00	0.00
8.66	16.02	2.00	0.00	1.00	0.00	8.67	16.01	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	16.57	2.00	0.00	1.00	0.00	8.69	16.90	2.00	0.00	1.00	0.00
8.70	17.01	2.00	0.00	1.00	0.00	8.71	17.00	2.00	0.00	1.00	0.00
8.72	17.21	2.00	0.00	1.00	0.00	8.73	16.98	2.00	0.00	1.00	0.00
8.74	17.19	2.00	0.00	1.00	0.00	8.75	17.64	2.00	0.00	1.00	0.00
8.76	17.85	2.00	0.00	1.00	0.00	8.77	17.73	2.00	0.00	1.00	0.00
8.78	17.49	2.00	0.00	1.00	0.00	8.79	17.59	2.00	0.00	1.00	0.00
8.80	17.58	2.00	0.00	1.00	0.00	8.81	17.46	2.00	0.00	1.00	0.00
8.82	17.56	2.00	0.00	1.00	0.00	8.83	17.55	2.00	0.00	1.00	0.00
8.84	17.65	2.00	0.00	1.00	0.00	8.85	17.42	2.00	0.00	1.00	0.00
8.86	17.52	2.00	0.00	1.00	0.00	8.87	17.51	2.00	0.00	1.00	0.00
8.88	17.72	2.00	0.00	1.00	0.00	8.89	17.83	2.00	0.00	1.00	0.00
8.90	17.82	2.00	0.00	1.00	0.00	8.91	17.80	2.00	0.00	1.00	0.00
8.92	17.79	2.00	0.00	1.00	0.00	8.93	16.32	2.00	0.00	1.00	0.00
8.94	16.09	2.00	0.00	1.00	0.00	8.95	15.63	2.00	0.00	1.00	0.00
8.96	15.28	2.00	0.00	1.00	0.00	8.97	15.05	2.00	0.00	1.00	0.00
8.98	14.48	2.00	0.00	1.00	0.00	8.99	14.02	2.00	0.00	1.00	0.00
9.00	13.79	2.00	0.00	1.00	0.00	9.01	13.55	2.00	0.00	1.00	0.00
9.02	13.43	2.00	0.00	1.00	0.00	9.03	13.54	2.00	0.00	1.00	0.00
9.04	13.53	2.00	0.00	1.00	0.00	9.05	13.52	2.00	0.00	1.00	0.00
9.06	13.62	2.00	0.00	1.00	0.00	9.07	13.73	2.00	0.00	1.00	0.00
9.08	14.06	2.00	0.00	1.00	0.00	9.09	14.16	2.00	0.00	1.00	0.00
9.10	14.04	2.00	0.00	1.00	0.00	9.11	14.03	2.00	0.00	1.00	0.00
9.12	13.91	2.00	0.00	1.00	0.00	9.13	13.68	2.00	0.00	1.00	0.00
9.14	13.11	2.00	0.00	1.00	0.00	9.15	12.88	2.00	0.00	1.00	0.00
9.16	12.76	2.00	0.00	1.00	0.00	9.17	12.65	2.00	0.00	1.00	0.00
9.18	12.53	2.00	0.00	1.00	0.00	9.19	12.18	2.00	0.00	1.00	0.00
9.20	11.95	2.00	0.00	1.00	0.00	9.21	11.95	2.00	0.00	1.00	0.00
9.22	11.94	2.00	0.00	1.00	0.00	9.23	11.93	2.00	0.00	1.00	0.00
9.24	11.93	2.00	0.00	1.00	0.00	9.25	11.81	2.00	0.00	1.00	0.00
9.26	11.69	2.00	0.00	1.00	0.00	9.27	11.69	2.00	0.00	1.00	0.00
9.28	11.57	2.00	0.00	1.00	0.00	9.29	11.78	2.00	0.00	1.00	0.00
9.30	11.89	2.00	0.00	1.00	0.00	9.31	11.88	2.00	0.00	1.00	0.00
9.32	11.76	2.00	0.00	1.00	0.00	9.33	11.65	2.00	0.00	1.00	0.00
9.34	11.42	2.00	0.00	1.00	0.00	9.35	11.41	2.00	0.00	1.00	0.00
9.36	11.18	2.00	0.00	1.00	0.00	9.37	10.96	2.00	0.00	1.00	0.00
9.38	10.84	2.00	0.00	1.00	0.00	9.39	10.50	2.00	0.00	1.00	0.00
9.40	10.39	2.00	0.00	1.00	0.00	9.41	10.27	2.00	0.00	1.00	0.00
9.42	10.15	2.00	0.00	1.00	0.00	9.43	10.04	2.00	0.00	1.00	0.00
9.44	9.92	2.00	0.00	1.00	0.00	9.45	9.92	2.00	0.00	1.00	0.00
9.46	9.69	2.00	0.00	1.00	0.00	9.47	9.68	2.00	0.00	1.00	0.00
9.48	9.68	2.00	0.00	1.00	0.00	9.49	9.90	2.00	0.00	1.00	0.00
9.50	10.00	2.00	0.00	1.00	0.00	9.51	10.33	2.00	0.00	1.00	0.00
9.52	10.43	2.00	0.00	1.00	0.00	9.53	10.54	2.00	0.00	1.00	0.00
9.54	10.42	2.00	0.00	1.00	0.00	9.55	10.64	2.00	0.00	1.00	0.00
9.56	10.63	2.00	0.00	1.00	0.00	9.57	10.62	2.00	0.00	1.00	0.00
9.58	10.40	2.00	0.00	1.00	0.00	9.59	10.28	2.00	0.00	1.00	0.00
9.60	10.50	2.00	0.00	1.00	0.00	9.61	10.60	2.00	0.00	1.00	0.00
9.62	10.60	2.00	0.00	1.00	0.00	9.63	10.70	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	10.70	2.00	0.00	1.00	0.00	9.65	10.91	2.00	0.00	1.00	0.00
9.66	11.12	2.00	0.00	1.00	0.00	9.67	11.12	2.00	0.00	1.00	0.00
9.68	10.89	2.00	0.00	1.00	0.00	9.69	10.78	2.00	0.00	1.00	0.00
9.70	10.56	2.00	0.00	1.00	0.00	9.71	10.33	2.00	0.00	1.00	0.00
9.72	10.11	2.00	0.00	1.00	0.00	9.73	9.99	2.00	0.00	1.00	0.00
9.74	9.99	2.00	0.00	1.00	0.00	9.75	9.98	2.00	0.00	1.00	0.00
9.76	9.65	2.00	0.00	1.00	0.00	9.77	9.54	2.00	0.00	1.00	0.00
9.78	9.75	2.00	0.00	1.00	0.00	9.79	9.85	2.00	0.00	1.00	0.00
9.80	9.96	2.00	0.00	1.00	0.00	9.81	9.84	2.00	0.00	1.00	0.00
9.82	9.73	2.00	0.00	1.00	0.00	9.83	9.73	2.00	0.00	1.00	0.00
9.84	9.61	2.00	0.00	1.00	0.00	9.85	9.61	2.00	0.00	1.00	0.00
9.86	9.39	2.00	0.00	1.00	0.00	9.87	9.16	2.00	0.00	1.00	0.00
9.88	9.05	2.00	0.00	1.00	0.00	9.89	8.94	2.00	0.00	1.00	0.00
9.90	8.72	2.00	0.00	1.00	0.00	9.91	8.71	2.00	0.00	1.00	0.00
9.92	8.71	2.00	0.00	1.00	0.00	9.93	8.38	2.00	0.00	1.00	0.00
9.94	9.02	2.00	0.00	1.00	0.00	9.95	9.02	2.00	0.00	1.00	0.00
9.96	9.02	2.00	0.00	1.00	0.00	9.97	9.01	2.00	0.00	1.00	0.00
9.98	9.01	2.00	0.00	1.00	0.00	9.99	9.00	2.00	0.00	1.00	0.00
10.00	9.00	2.00	0.00	1.00	0.00	10.01	9.21	2.00	0.00	1.00	0.00
10.02	9.20	2.00	0.00	1.00	0.00	10.03	9.20	2.00	0.00	1.00	0.00
10.04	9.19	2.00	0.00	1.00	0.00	10.05	9.30	2.00	0.00	1.00	0.00
10.06	9.19	2.00	0.00	1.00	0.00	10.07	9.07	2.00	0.00	1.00	0.00
10.08	8.96	2.00	0.00	1.00	0.00	10.09	8.96	2.00	0.00	1.00	0.00
10.10	8.85	2.00	0.00	1.00	0.00	10.11	8.63	2.00	0.00	1.00	0.00
10.12	8.62	2.00	0.00	1.00	0.00	10.13	8.73	2.00	0.00	1.00	0.00
10.14	8.72	2.00	0.00	1.00	0.00	10.15	8.72	2.00	0.00	1.00	0.00
10.16	8.71	2.00	0.00	1.00	0.00	10.17	8.92	2.00	0.00	1.00	0.00
10.18	8.92	2.00	0.00	1.00	0.00	10.19	9.02	2.00	0.00	1.00	0.00
10.20	9.12	2.00	0.00	1.00	0.00	10.21	9.23	2.00	0.00	1.00	0.00
10.22	9.22	2.00	0.00	1.00	0.00	10.23	9.32	2.00	0.00	1.00	0.00
10.24	9.43	2.00	0.00	1.00	0.00	10.25	9.53	2.00	0.00	1.00	0.00
10.26	9.63	2.00	0.00	1.00	0.00	10.27	9.63	2.00	0.00	1.00	0.00
10.28	9.83	2.00	0.00	1.00	0.00	10.29	10.04	2.00	0.00	1.00	0.00
10.30	10.25	2.00	0.00	1.00	0.00	10.31	10.77	2.00	0.00	1.00	0.00
10.32	10.98	2.00	0.00	1.00	0.00	10.33	11.19	2.00	0.00	1.00	0.00
10.34	11.40	2.00	0.00	1.00	0.00	10.35	11.60	2.00	0.00	1.00	0.00
10.36	11.70	2.00	0.00	1.00	0.00	10.37	11.91	2.00	0.00	1.00	0.00
10.38	12.11	2.00	0.00	1.00	0.00	10.39	12.21	2.00	0.00	1.00	0.00
10.40	12.52	2.00	0.00	1.00	0.00	10.41	12.83	2.00	0.00	1.00	0.00
10.42	13.04	2.00	0.00	1.00	0.00	10.43	13.03	2.00	0.00	1.00	0.00
10.44	13.03	2.00	0.00	1.00	0.00	10.45	13.02	2.00	0.00	1.00	0.00
10.46	13.01	2.00	0.00	1.00	0.00	10.47	12.80	2.00	0.00	1.00	0.00
10.48	12.68	2.00	0.00	1.00	0.00	10.49	12.57	2.00	0.00	1.00	0.00
10.50	12.46	2.00	0.00	1.00	0.00	10.51	12.25	2.00	0.00	1.00	0.00
10.52	12.24	2.00	0.00	1.00	0.00	10.53	12.13	2.00	0.00	1.00	0.00
10.54	12.23	2.00	0.00	1.00	0.00	10.55	12.22	2.00	0.00	1.00	0.00
10.56	12.32	2.00	0.00	1.00	0.00	10.57	12.42	2.00	0.00	1.00	0.00
10.58	12.41	2.00	0.00	1.00	0.00	10.59	12.30	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	12.30	2.00	0.00	1.00	0.00	10.61	12.29	2.00	0.00	1.00	0.00
10.62	12.18	2.00	0.00	1.00	0.00	10.63	12.07	2.00	0.00	1.00	0.00
10.64	11.96	2.00	0.00	1.00	0.00	10.65	11.95	2.00	0.00	1.00	0.00
10.66	11.95	2.00	0.00	1.00	0.00	10.67	11.84	2.00	0.00	1.00	0.00
10.68	11.83	2.00	0.00	1.00	0.00	10.69	11.62	2.00	0.00	1.00	0.00
10.70	11.40	2.00	0.00	1.00	0.00	10.71	11.50	2.00	0.00	1.00	0.00
10.72	11.39	2.00	0.00	1.00	0.00	10.73	11.28	2.00	0.00	1.00	0.00
10.74	11.07	2.00	0.00	1.00	0.00	10.75	11.06	2.00	0.00	1.00	0.00
10.76	10.95	2.00	0.00	1.00	0.00	10.77	10.95	2.00	0.00	1.00	0.00
10.78	10.42	2.00	0.00	1.00	0.00	10.79	10.21	2.00	0.00	1.00	0.00
10.80	9.89	2.00	0.00	1.00	0.00	10.81	9.68	2.00	0.00	1.00	0.00
10.82	9.57	2.00	0.00	1.00	0.00	10.83	9.47	2.00	0.00	1.00	0.00
10.84	9.25	2.00	0.00	1.00	0.00	10.85	9.15	2.00	0.00	1.00	0.00
10.86	9.25	2.00	0.00	1.00	0.00	10.87	9.35	2.00	0.00	1.00	0.00
10.88	9.44	2.00	0.00	1.00	0.00	10.89	9.75	2.00	0.00	1.00	0.00
10.90	10.06	2.00	0.00	1.00	0.00	10.91	10.05	2.00	0.00	1.00	0.00
10.92	10.05	2.00	0.00	1.00	0.00	10.93	11.28	2.00	0.00	1.00	0.00
10.94	11.38	2.00	0.00	1.00	0.00	10.95	11.17	2.00	0.00	1.00	0.00
10.96	10.86	2.00	0.00	1.00	0.00	10.97	10.65	2.00	0.00	1.00	0.00
10.98	10.54	2.00	0.00	1.00	0.00	10.99	10.23	2.00	0.00	1.00	0.00
11.00	9.91	2.00	0.00	1.00	0.00	11.01	9.29	2.00	0.00	1.00	0.00
11.02	9.39	2.00	0.00	1.00	0.00	11.03	9.39	2.00	0.00	1.00	0.00
11.04	9.49	2.00	0.00	1.00	0.00	11.05	9.58	2.00	0.00	1.00	0.00
11.06	9.68	2.00	0.00	1.00	0.00	11.07	9.68	2.00	0.00	1.00	0.00
11.08	9.78	2.00	0.00	1.00	0.00	11.09	9.57	2.00	0.00	1.00	0.00
11.10	9.57	2.00	0.00	1.00	0.00	11.11	9.36	2.00	0.00	1.00	0.00
11.12	9.25	2.00	0.00	1.00	0.00	11.13	8.94	2.00	0.00	1.00	0.00
11.14	8.83	2.00	0.00	1.00	0.00	11.15	9.04	2.00	0.00	1.00	0.00
11.16	9.13	2.00	0.00	1.00	0.00	11.17	9.23	2.00	0.00	1.00	0.00
11.18	9.54	2.00	0.00	1.00	0.00	11.19	9.53	2.00	0.00	1.00	0.00
11.20	9.84	2.00	0.00	1.00	0.00	11.21	10.04	2.00	0.00	1.00	0.00
11.22	10.24	2.00	0.00	1.00	0.00	11.23	10.23	2.00	0.00	1.00	0.00
11.24	10.43	2.00	0.00	1.00	0.00	11.25	10.53	2.00	0.00	1.00	0.00
11.26	10.63	2.00	0.00	1.00	0.00	11.27	10.63	2.00	0.00	1.00	0.00
11.28	10.52	2.00	0.00	1.00	0.00	11.29	10.62	2.00	0.00	1.00	0.00
11.30	10.82	2.00	0.00	1.00	0.00	11.31	11.12	2.00	0.00	1.00	0.00
11.32	11.52	2.00	0.00	1.00	0.00	11.33	11.52	2.00	0.00	1.00	0.00
11.34	11.51	2.00	0.00	1.00	0.00	11.35	11.61	2.00	0.00	1.00	0.00
11.36	11.60	2.00	0.00	1.00	0.00	11.37	11.39	2.00	0.00	1.00	0.00
11.38	11.39	2.00	0.00	1.00	0.00	11.39	11.18	2.00	0.00	1.00	0.00
11.40	11.18	2.00	0.00	1.00	0.00	11.41	10.87	2.00	0.00	1.00	0.00
11.42	10.76	2.00	0.00	1.00	0.00	11.43	10.55	2.00	0.00	1.00	0.00
11.44	10.45	2.00	0.00	1.00	0.00	11.45	10.44	2.00	0.00	1.00	0.00
11.46	10.24	2.00	0.00	1.00	0.00	11.47	9.83	2.00	0.00	1.00	0.00
11.48	9.72	2.00	0.00	1.00	0.00	11.49	9.52	2.00	0.00	1.00	0.00
11.50	9.21	2.00	0.00	1.00	0.00	11.51	9.00	2.00	0.00	1.00	0.00
11.52	8.90	2.00	0.00	1.00	0.00	11.53	8.79	2.00	0.00	1.00	0.00
11.54	8.79	2.00	0.00	1.00	0.00	11.55	8.79	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	8.88	2.00	0.00	1.00	0.00	11.57	9.08	2.00	0.00	1.00	0.00
11.58	9.08	2.00	0.00	1.00	0.00	11.59	8.87	2.00	0.00	1.00	0.00
11.60	8.87	2.00	0.00	1.00	0.00	11.61	8.87	2.00	0.00	1.00	0.00
11.62	8.96	2.00	0.00	1.00	0.00	11.63	8.96	2.00	0.00	1.00	0.00
11.64	8.65	2.00	0.00	1.00	0.00	11.65	8.55	2.00	0.00	1.00	0.00
11.66	8.35	2.00	0.00	1.00	0.00	11.67	8.34	2.00	0.00	1.00	0.00
11.68	8.24	2.00	0.00	1.00	0.00	11.69	8.04	2.00	0.00	1.00	0.00
11.70	7.83	2.00	0.00	1.00	0.00	11.71	7.73	2.00	0.00	1.00	0.00
11.72	7.73	2.00	0.00	1.00	0.00	11.73	7.82	2.00	0.00	1.00	0.00
11.74	7.82	2.00	0.00	1.00	0.00	11.75	8.12	2.00	0.00	1.00	0.00
11.76	8.32	2.00	0.00	1.00	0.00	11.77	8.51	2.00	0.00	1.00	0.00
11.78	8.61	2.00	0.00	1.00	0.00	11.79	9.01	2.00	0.00	1.00	0.00
11.80	9.11	2.00	0.00	1.00	0.00	11.81	9.30	2.00	0.00	1.00	0.00
11.82	9.30	2.00	0.00	1.00	0.00	11.83	9.50	2.00	0.00	1.00	0.00
11.84	9.59	2.00	0.00	1.00	0.00	11.85	9.59	2.00	0.00	1.00	0.00
11.86	9.69	2.00	0.00	1.00	0.00	11.87	9.68	2.00	0.00	1.00	0.00
11.88	9.78	2.00	0.00	1.00	0.00	11.89	9.87	2.00	0.00	1.00	0.00
11.90	9.77	2.00	0.00	1.00	0.00	11.91	9.77	2.00	0.00	1.00	0.00
11.92	9.76	2.00	0.00	1.00	0.00	11.93	9.66	2.00	0.00	1.00	0.00
11.94	9.95	2.00	0.00	1.00	0.00	11.95	10.15	2.00	0.00	1.00	0.00
11.96	10.24	2.00	0.00	1.00	0.00	11.97	10.24	2.00	0.00	1.00	0.00
11.98	10.24	2.00	0.00	1.00	0.00	11.99	10.33	2.00	0.00	1.00	0.00
12.00	10.13	2.00	0.00	1.00	0.00	12.01	9.93	2.00	0.00	1.00	0.00
12.02	9.82	2.00	0.00	1.00	0.00	12.03	9.82	2.00	0.00	1.00	0.00
12.04	9.81	2.00	0.00	1.00	0.00	12.05	9.81	2.00	0.00	1.00	0.00
12.06	9.71	2.00	0.00	1.00	0.00	12.07	9.60	2.00	0.00	1.00	0.00
12.08	9.80	2.00	0.00	1.00	0.00	12.09	9.79	2.00	0.00	1.00	0.00
12.10	9.69	2.00	0.00	1.00	0.00	12.11	9.69	2.00	0.00	1.00	0.00
12.12	9.68	2.00	0.00	1.00	0.00	12.13	9.58	2.00	0.00	1.00	0.00
12.14	9.58	2.00	0.00	1.00	0.00	12.15	9.67	2.00	0.00	1.00	0.00
12.16	9.67	2.00	0.00	1.00	0.00	12.17	9.66	2.00	0.00	1.00	0.00
12.18	9.66	2.00	0.00	1.00	0.00	12.19	9.65	2.00	0.00	1.00	0.00
12.20	9.55	2.00	0.00	1.00	0.00	12.21	9.45	2.00	0.00	1.00	0.00
12.22	9.35	2.00	0.00	1.00	0.00	12.23	9.24	2.00	0.00	1.00	0.00
12.24	9.34	2.00	0.00	1.00	0.00	12.25	9.43	2.00	0.00	1.00	0.00
12.26	9.43	2.00	0.00	1.00	0.00	12.27	9.43	2.00	0.00	1.00	0.00
12.28	9.52	2.00	0.00	1.00	0.00	12.29	9.52	2.00	0.00	1.00	0.00
12.30	9.61	2.00	0.00	1.00	0.00	12.31	9.70	2.00	0.00	1.00	0.00
12.32	9.70	2.00	0.00	1.00	0.00	12.33	9.79	2.00	0.00	1.00	0.00
12.34	9.69	2.00	0.00	1.00	0.00	12.35	9.30	2.00	0.00	1.00	0.00
12.36	9.10	2.00	0.00	1.00	0.00	12.37	9.09	2.00	0.00	1.00	0.00
12.38	9.19	2.00	0.00	1.00	0.00	12.39	9.28	2.00	0.00	1.00	0.00
12.40	9.37	2.00	0.00	1.00	0.00	12.41	9.37	2.00	0.00	1.00	0.00
12.42	9.46	2.00	0.00	1.00	0.00	12.43	9.66	2.00	0.00	1.00	0.00
12.44	9.85	2.00	0.00	1.00	0.00	12.45	10.04	2.00	0.00	1.00	0.00
12.46	10.13	2.00	0.00	1.00	0.00	12.47	10.32	2.00	0.00	1.00	0.00
12.48	10.32	2.00	0.00	1.00	0.00	12.49	10.31	2.00	0.00	1.00	0.00
12.50	10.41	2.00	0.00	1.00	0.00	12.51	10.40	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	10.69	2.00	0.00	1.00	0.00	12.53	10.88	2.00	0.00	1.00	0.00
12.54	10.97	2.00	0.00	1.00	0.00	12.55	11.46	2.00	0.00	1.00	0.00
12.56	11.74	2.00	0.00	1.00	0.00	12.57	12.03	2.00	0.00	1.00	0.00
12.58	12.32	2.00	0.00	1.00	0.00	12.59	12.50	2.00	0.00	1.00	0.00
12.60	12.89	2.00	0.00	1.00	0.00	12.61	13.27	2.00	0.00	1.00	0.00
12.62	13.55	2.00	0.00	1.00	0.00	12.63	13.55	2.00	0.00	1.00	0.00
12.64	13.35	2.00	0.00	1.00	0.00	12.65	13.15	2.00	0.00	1.00	0.00
12.66	12.95	2.00	0.00	1.00	0.00	12.67	12.65	2.00	0.00	1.00	0.00
12.68	12.46	2.00	0.00	1.00	0.00	12.69	12.16	2.00	0.00	1.00	0.00
12.70	12.06	2.00	0.00	1.00	0.00	12.71	12.15	2.00	0.00	1.00	0.00
12.72	12.34	2.00	0.00	1.00	0.00	12.73	12.43	2.00	0.00	1.00	0.00
12.74	12.62	2.00	0.00	1.00	0.00	12.75	12.90	2.00	0.00	1.00	0.00
12.76	12.99	2.00	0.00	1.00	0.00	12.77	13.18	2.00	0.00	1.00	0.00
12.78	13.46	2.00	0.00	1.00	0.00	12.79	13.94	2.00	0.00	1.00	0.00
12.80	14.12	2.00	0.00	1.00	0.00	12.81	14.31	2.00	0.00	1.00	0.00
12.82	14.40	2.00	0.00	1.00	0.00	12.83	14.49	2.00	0.00	1.00	0.00
12.84	14.77	2.00	0.00	1.00	0.00	12.85	14.67	2.00	0.00	1.00	0.00
12.86	14.67	2.00	0.00	1.00	0.00	12.87	14.66	2.00	0.00	1.00	0.00
12.88	14.75	2.00	0.00	1.00	0.00	12.89	14.84	2.00	0.00	1.00	0.00
12.90	14.83	2.00	0.00	1.00	0.00	12.91	14.83	2.00	0.00	1.00	0.00
12.92	14.82	2.00	0.00	1.00	0.00	12.93	14.72	2.00	0.00	1.00	0.00
12.94	14.81	2.00	0.00	1.00	0.00	12.95	14.71	2.00	0.00	1.00	0.00
12.96	14.60	2.00	0.00	1.00	0.00	12.97	14.60	2.00	0.00	1.00	0.00
12.98	14.49	2.00	0.00	1.00	0.00	12.99	14.20	2.00	0.00	1.00	0.00
13.00	14.00	2.00	0.00	1.00	0.00	13.01	13.33	2.00	0.00	1.00	0.00
13.02	13.23	2.00	0.00	1.00	0.00	13.03	12.84	2.00	0.00	1.00	0.00
13.04	12.45	2.00	0.00	1.00	0.00	13.05	11.69	2.00	0.00	1.00	0.00
13.06	11.30	2.00	0.00	1.00	0.00	13.07	11.10	2.00	0.00	1.00	0.00
13.08	10.91	2.00	0.00	1.00	0.00	13.09	10.24	2.00	0.00	1.00	0.00
13.10	9.95	2.00	0.00	1.00	0.00	13.11	9.76	2.00	0.00	1.00	0.00
13.12	9.47	2.00	0.00	1.00	0.00	13.13	9.08	2.00	0.00	1.00	0.00
13.14	8.98	2.00	0.00	1.00	0.00	13.15	9.08	2.00	0.00	1.00	0.00
13.16	9.07	2.00	0.00	1.00	0.00	13.17	9.07	2.00	0.00	1.00	0.00
13.18	9.06	2.00	0.00	1.00	0.00	13.19	9.06	2.00	0.00	1.00	0.00
13.20	9.06	2.00	0.00	1.00	0.00	13.21	9.15	2.00	0.00	1.00	0.00
13.22	9.24	2.00	0.00	1.00	0.00	13.23	9.24	2.00	0.00	1.00	0.00
13.24	9.14	2.00	0.00	1.00	0.00	13.25	9.14	2.00	0.00	1.00	0.00
13.26	9.23	2.00	0.00	1.00	0.00	13.27	9.32	2.00	0.00	1.00	0.00
13.28	9.31	2.00	0.00	1.00	0.00	13.29	9.22	2.00	0.00	1.00	0.00
13.30	9.21	2.00	0.00	1.00	0.00	13.31	9.12	2.00	0.00	1.00	0.00
13.32	9.02	2.00	0.00	1.00	0.00	13.33	9.02	2.00	0.00	1.00	0.00
13.34	9.11	2.00	0.00	1.00	0.00	13.35	9.01	2.00	0.00	1.00	0.00
13.36	9.10	2.00	0.00	1.00	0.00	13.37	9.10	2.00	0.00	1.00	0.00
13.38	9.09	2.00	0.00	1.00	0.00	13.39	9.09	2.00	0.00	1.00	0.00
13.40	9.27	2.00	0.00	1.00	0.00	13.41	9.55	2.00	0.00	1.00	0.00
13.42	9.64	2.00	0.00	1.00	0.00	13.43	9.83	2.00	0.00	1.00	0.00
13.44	10.01	2.00	0.00	1.00	0.00	13.45	10.29	2.00	0.00	1.00	0.00
13.46	10.57	2.00	0.00	1.00	0.00	13.47	10.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	10.84	2.00	0.00	1.00	0.00	13.49	10.84	2.00	0.00	1.00	0.00
13.50	10.84	2.00	0.00	1.00	0.00	13.51	10.83	2.00	0.00	1.00	0.00
13.52	10.83	2.00	0.00	1.00	0.00	13.53	10.92	2.00	0.00	1.00	0.00
13.54	11.01	2.00	0.00	1.00	0.00	13.55	11.19	2.00	0.00	1.00	0.00
13.56	11.37	2.00	0.00	1.00	0.00	13.57	11.46	2.00	0.00	1.00	0.00
13.58	12.02	2.00	0.00	1.00	0.00	13.59	12.11	2.00	0.00	1.00	0.00
13.60	12.01	2.00	0.00	1.00	0.00	13.61	12.10	2.00	0.00	1.00	0.00
13.62	12.19	2.00	0.00	1.00	0.00	13.63	12.28	2.00	0.00	1.00	0.00
13.64	12.09	2.00	0.00	1.00	0.00	13.65	11.99	2.00	0.00	1.00	0.00
13.66	11.89	2.00	0.00	1.00	0.00	13.67	11.70	2.00	0.00	1.00	0.00
13.68	11.51	2.00	0.00	1.00	0.00	13.69	11.50	2.00	0.00	1.00	0.00
13.70	11.31	2.00	0.00	1.00	0.00	13.71	11.03	2.00	0.00	1.00	0.00
13.72	10.84	2.00	0.00	1.00	0.00	13.73	10.93	2.00	0.00	1.00	0.00
13.74	10.83	2.00	0.00	1.00	0.00	13.75	10.64	2.00	0.00	1.00	0.00
13.76	10.08	2.00	0.00	1.00	0.00	13.77	9.89	2.00	0.00	1.00	0.00
13.78	9.89	2.00	0.00	1.00	0.00	13.79	9.70	2.00	0.00	1.00	0.00
13.80	9.60	2.00	0.00	1.00	0.00	13.81	9.87	2.00	0.00	1.00	0.00
13.82	9.78	2.00	0.00	1.00	0.00	13.83	9.68	2.00	0.00	1.00	0.00
13.84	9.49	2.00	0.00	1.00	0.00	13.85	9.67	2.00	0.00	1.00	0.00
13.86	9.76	2.00	0.00	1.00	0.00	13.87	9.76	2.00	0.00	1.00	0.00
13.88	9.76	2.00	0.00	1.00	0.00	13.89	9.75	2.00	0.00	1.00	0.00
13.90	10.03	2.00	0.00	1.00	0.00	13.91	10.02	2.00	0.00	1.00	0.00
13.92	10.02	2.00	0.00	1.00	0.00	13.93	9.92	2.00	0.00	1.00	0.00
13.94	10.29	2.00	0.00	1.00	0.00	13.95	10.75	2.00	0.00	1.00	0.00
13.96	10.93	2.00	0.00	1.00	0.00	13.97	11.20	2.00	0.00	1.00	0.00
13.98	11.47	2.00	0.00	1.00	0.00	13.99	11.75	2.00	0.00	1.00	0.00
14.00	12.02	2.00	0.00	1.00	0.00	14.01	12.20	2.00	0.00	1.00	0.00
14.02	12.29	2.00	0.00	1.00	0.00	14.03	12.28	2.00	0.00	1.00	0.00
14.04	12.19	2.00	0.00	1.00	0.00	14.05	12.09	2.00	0.00	1.00	0.00
14.06	11.90	2.00	0.00	1.00	0.00	14.07	11.81	2.00	0.00	1.00	0.00
14.08	11.80	2.00	0.00	1.00	0.00	14.09	11.52	2.00	0.00	1.00	0.00
14.10	11.33	2.00	0.00	1.00	0.00	14.11	11.24	2.00	0.00	1.00	0.00
14.12	11.05	2.00	0.00	1.00	0.00	14.13	10.86	2.00	0.00	1.00	0.00
14.14	10.76	2.00	0.00	1.00	0.00	14.15	10.67	2.00	0.00	1.00	0.00
14.16	10.57	2.00	0.00	1.00	0.00	14.17	10.57	2.00	0.00	1.00	0.00
14.18	10.56	2.00	0.00	1.00	0.00	14.19	10.56	2.00	0.00	1.00	0.00
14.20	10.65	2.00	0.00	1.00	0.00	14.21	10.73	2.00	0.00	1.00	0.00
14.22	10.82	2.00	0.00	1.00	0.00	14.23	10.82	2.00	0.00	1.00	0.00
14.24	11.00	2.00	0.00	1.00	0.00	14.25	11.08	2.00	0.00	1.00	0.00
14.26	11.17	2.00	0.00	1.00	0.00	14.27	11.17	2.00	0.00	1.00	0.00
14.28	11.16	2.00	0.00	1.00	0.00	14.29	11.16	2.00	0.00	1.00	0.00
14.30	11.06	2.00	0.00	1.00	0.00	14.31	10.88	2.00	0.00	1.00	0.00
14.32	10.42	2.00	0.00	1.00	0.00	14.33	10.14	2.00	0.00	1.00	0.00
14.34	9.86	2.00	0.00	1.00	0.00	14.35	9.86	2.00	0.00	1.00	0.00
14.36	9.49	2.00	0.00	1.00	0.00	14.37	9.21	2.00	0.00	1.00	0.00
14.38	9.03	2.00	0.00	1.00	0.00	14.39	8.84	2.00	0.00	1.00	0.00
14.40	8.48	2.00	0.00	1.00	0.00	14.41	8.29	2.00	0.00	1.00	0.00
14.42	8.11	2.00	0.00	1.00	0.00	14.43	8.11	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

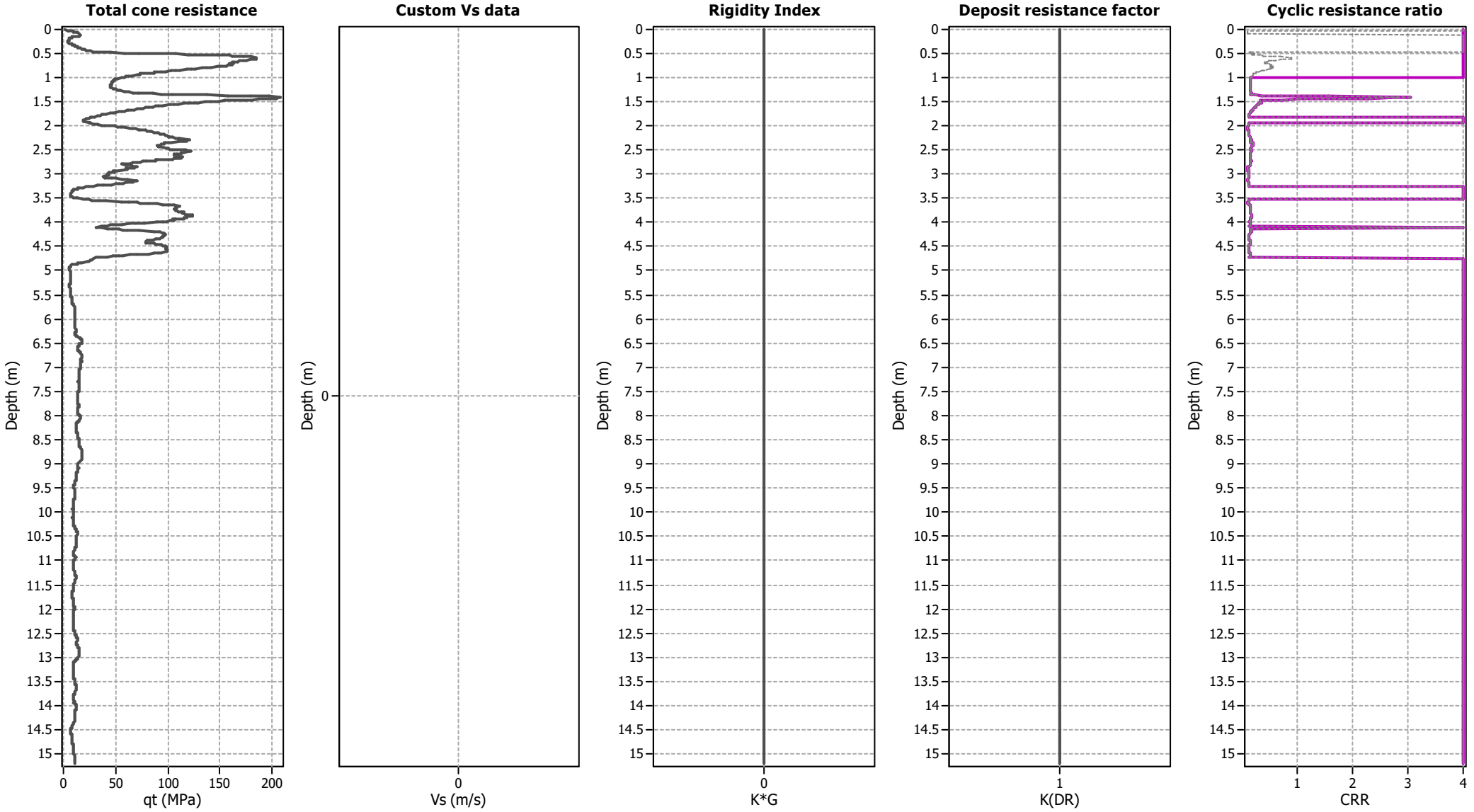
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	7.83	2.00	0.00	1.00	0.00	14.45	7.65	2.00	0.00	1.00	0.00
14.46	7.46	2.00	0.00	1.00	0.00	14.47	7.19	2.00	0.00	1.00	0.00
14.48	7.19	2.00	0.00	1.00	0.00	14.49	7.19	2.00	0.00	1.00	0.00
14.50	7.18	2.00	0.00	1.00	0.00	14.51	7.18	2.00	0.00	1.00	0.00
14.52	7.18	2.00	0.00	1.00	0.00	14.53	7.18	2.00	0.00	1.00	0.00
14.54	7.08	2.00	0.00	1.00	0.00	14.55	6.99	2.00	0.00	1.00	0.00
14.56	6.99	2.00	0.00	1.00	0.00	14.57	7.08	2.00	0.00	1.00	0.00
14.58	7.25	2.00	0.00	1.00	0.00	14.59	7.43	2.00	0.00	1.00	0.00
14.60	7.52	2.00	0.00	1.00	0.00	14.61	7.70	2.00	0.00	1.00	0.00
14.62	7.87	2.00	0.00	1.00	0.00	14.63	7.96	2.00	0.00	1.00	0.00
14.64	8.05	2.00	0.00	1.00	0.00	14.65	8.14	2.00	0.00	1.00	0.00
14.66	8.31	2.00	0.00	1.00	0.00	14.67	8.40	2.00	0.00	1.00	0.00
14.68	8.31	2.00	0.00	1.00	0.00	14.69	8.31	2.00	0.00	1.00	0.00
14.70	8.48	2.00	0.00	1.00	0.00	14.71	8.39	2.00	0.00	1.00	0.00
14.72	8.30	2.00	0.00	1.00	0.00	14.73	8.47	2.00	0.00	1.00	0.00
14.74	8.56	2.00	0.00	1.00	0.00	14.75	8.47	2.00	0.00	1.00	0.00
14.76	8.38	2.00	0.00	1.00	0.00	14.77	8.46	2.00	0.00	1.00	0.00
14.78	8.64	2.00	0.00	1.00	0.00	14.79	8.73	2.00	0.00	1.00	0.00
14.80	8.90	2.00	0.00	1.00	0.00	14.81	9.08	2.00	0.00	1.00	0.00
14.82	9.17	2.00	0.00	1.00	0.00	14.83	9.16	2.00	0.00	1.00	0.00
14.84	9.61	2.00	0.00	1.00	0.00	14.85	9.69	2.00	0.00	1.00	0.00
14.86	9.69	2.00	0.00	1.00	0.00	14.87	9.60	2.00	0.00	1.00	0.00
14.88	9.59	2.00	0.00	1.00	0.00	14.89	9.59	2.00	0.00	1.00	0.00
14.90	9.59	2.00	0.00	1.00	0.00	14.91	9.58	2.00	0.00	1.00	0.00
14.92	9.58	2.00	0.00	1.00	0.00	14.93	9.22	2.00	0.00	1.00	0.00
14.94	9.66	2.00	0.00	1.00	0.00	14.95	9.57	2.00	0.00	1.00	0.00
14.96	9.66	2.00	0.00	1.00	0.00	14.97	9.74	2.00	0.00	1.00	0.00
14.98	9.92	2.00	0.00	1.00	0.00	14.99	9.92	2.00	0.00	1.00	0.00
15.00	10.00	2.00	0.00	1.00	0.00	15.01	10.27	2.00	0.00	1.00	0.00
15.02	10.44	2.00	0.00	1.00	0.00	15.03	10.53	2.00	0.00	1.00	0.00
15.04	10.52	2.00	0.00	1.00	0.00	15.05	10.52	2.00	0.00	1.00	0.00
15.06	10.51	2.00	0.00	1.00	0.00	15.07	10.51	2.00	0.00	1.00	0.00
15.08	10.60	2.00	0.00	1.00	0.00	15.09	10.59	2.00	0.00	1.00	0.00
15.10	10.59	2.00	0.00	1.00	0.00	15.11	10.50	2.00	0.00	1.00	0.00
15.12	10.58	2.00	0.00	1.00	0.00	15.13	10.67	2.00	0.00	1.00	0.00
15.14	10.75	2.00	0.00	1.00	0.00	15.15	10.84	2.00	0.00	1.00	0.00
15.16	10.92	2.00	0.00	1.00	0.00	15.17	11.01	2.00	0.00	1.00	0.00
15.18	11.00	2.00	0.00	1.00	0.00	15.19	11.09	2.00	0.00	1.00	0.00
15.20	11.08	2.00	0.00	1.00	0.00						

Total estimated settlement: 9.05

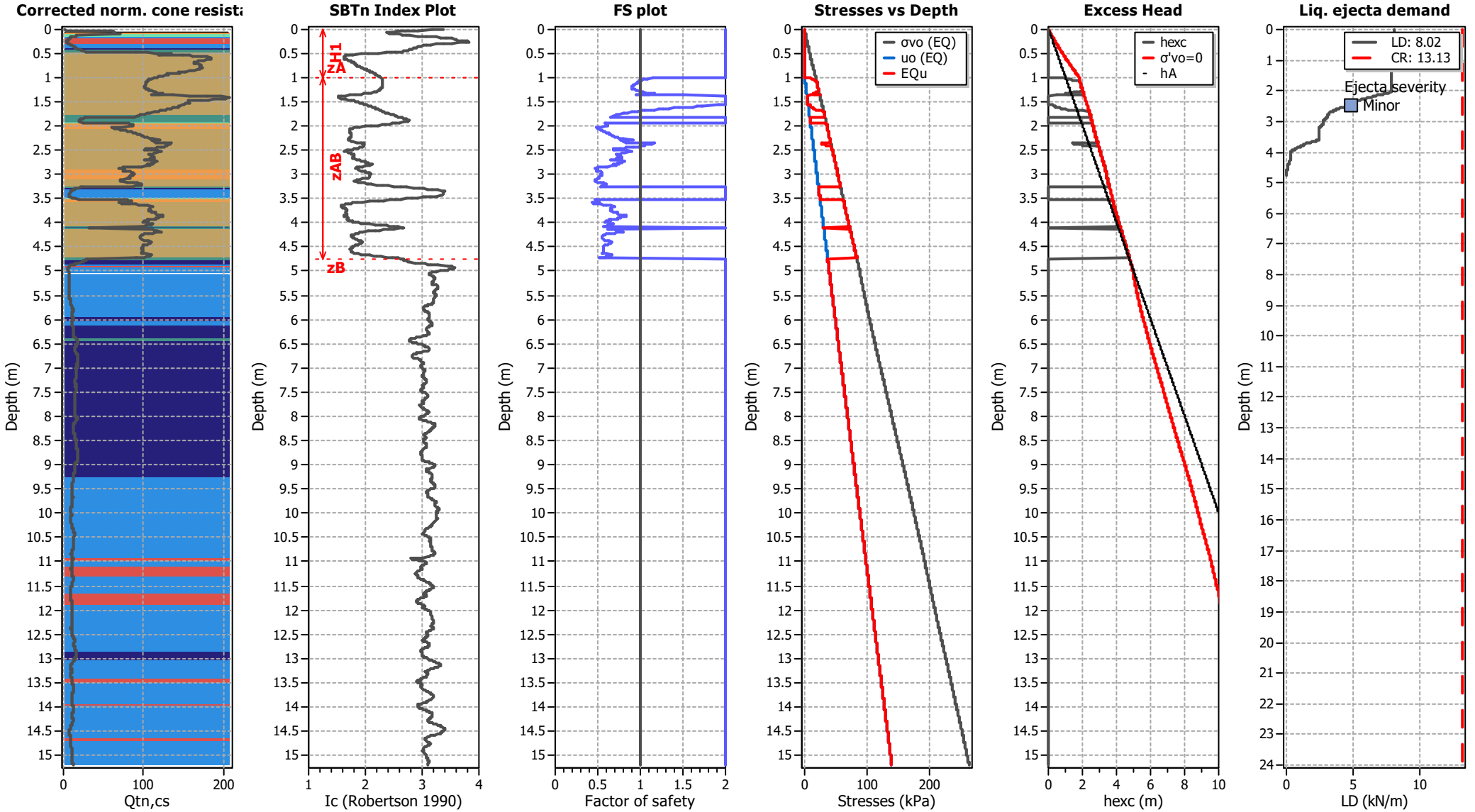
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



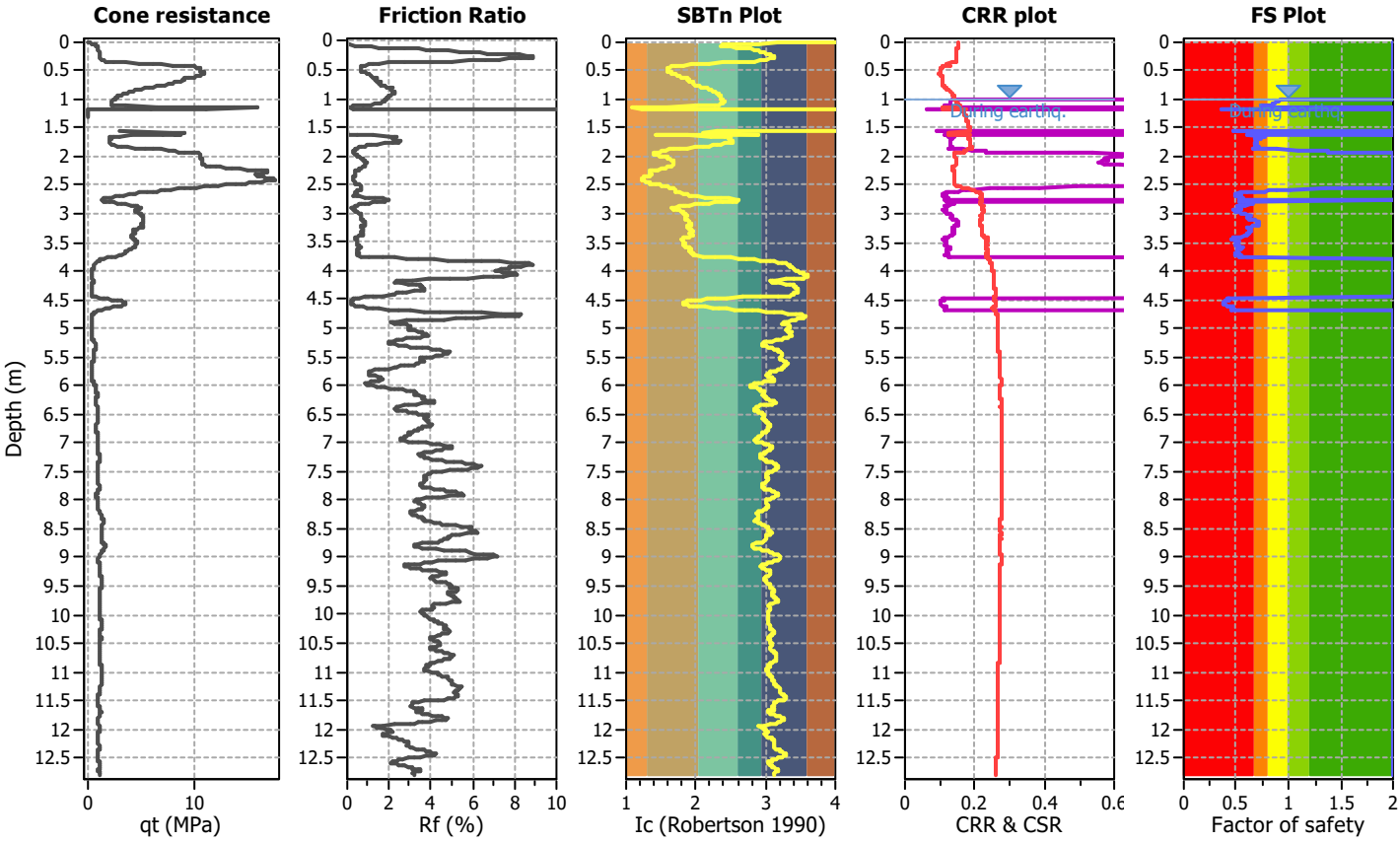
LIQUEFACTION ANALYSIS REPORT

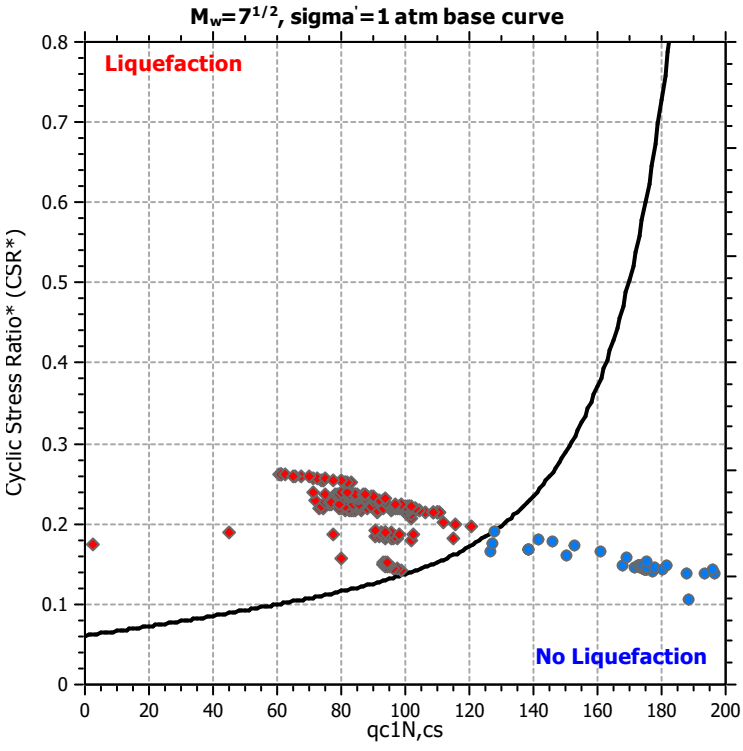
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

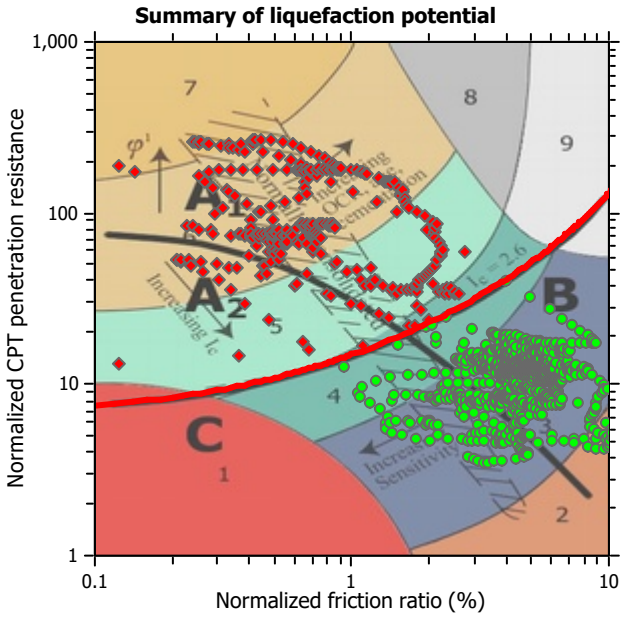
CPT file : 040008P1009CPTU1010

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

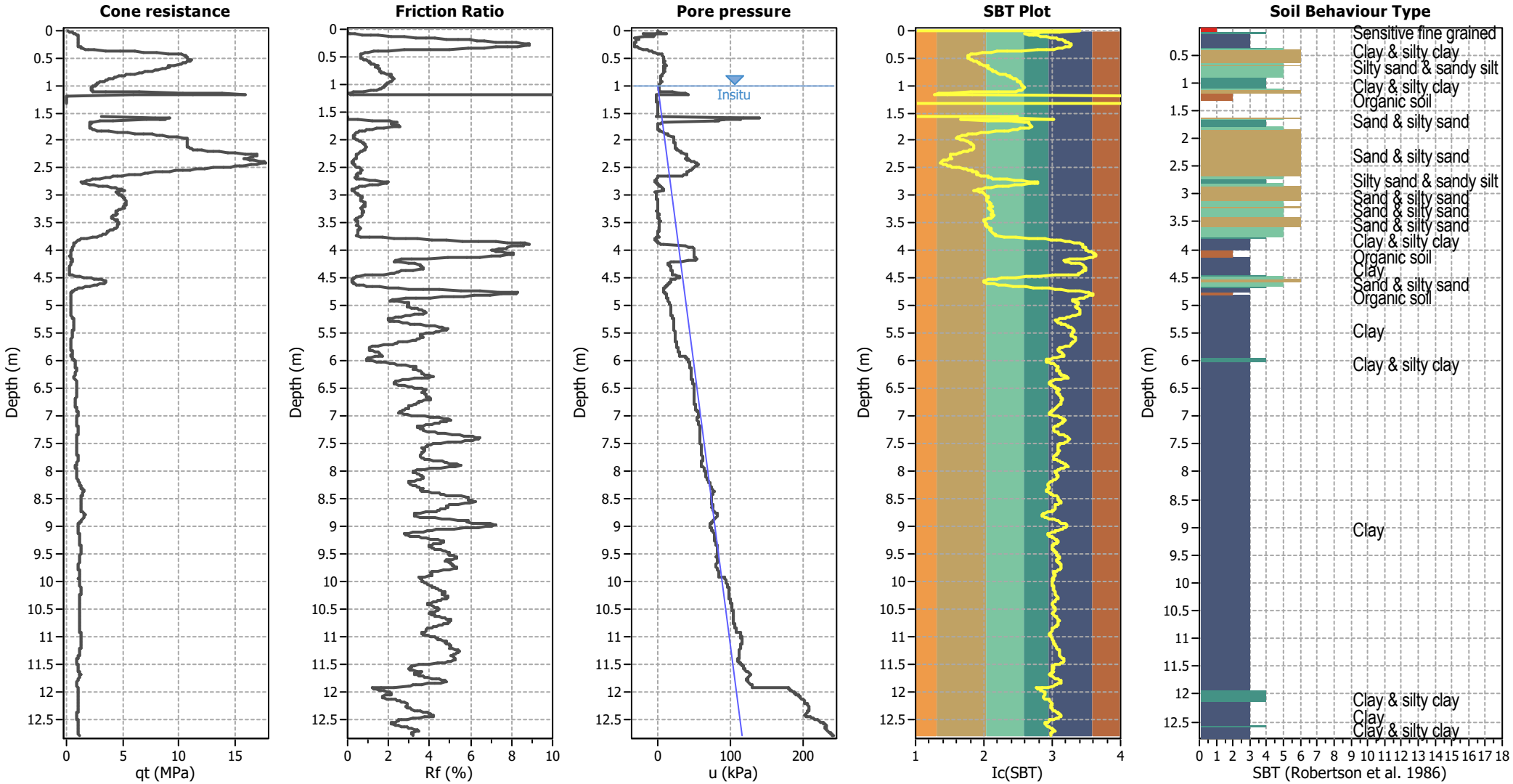






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



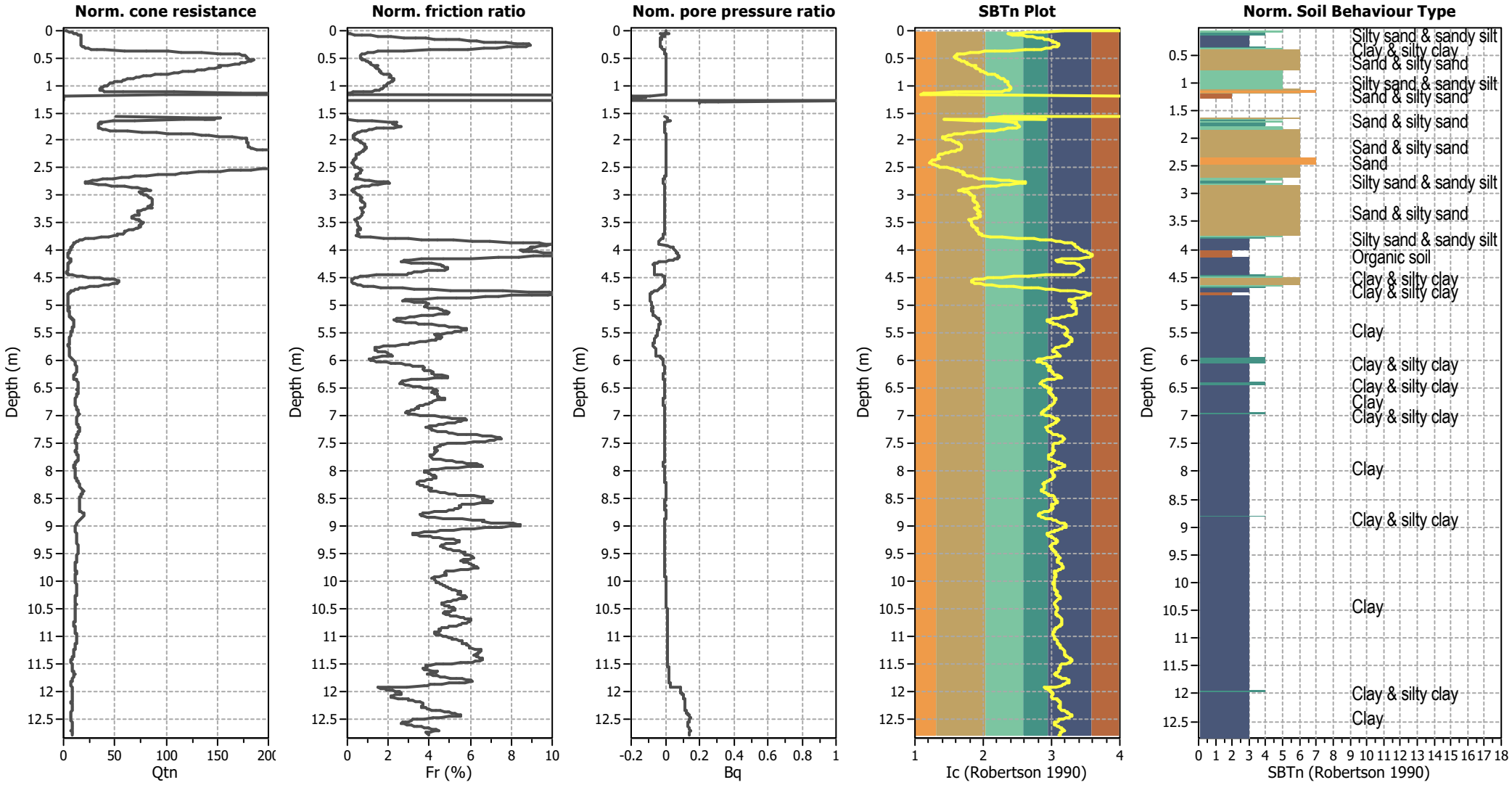
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



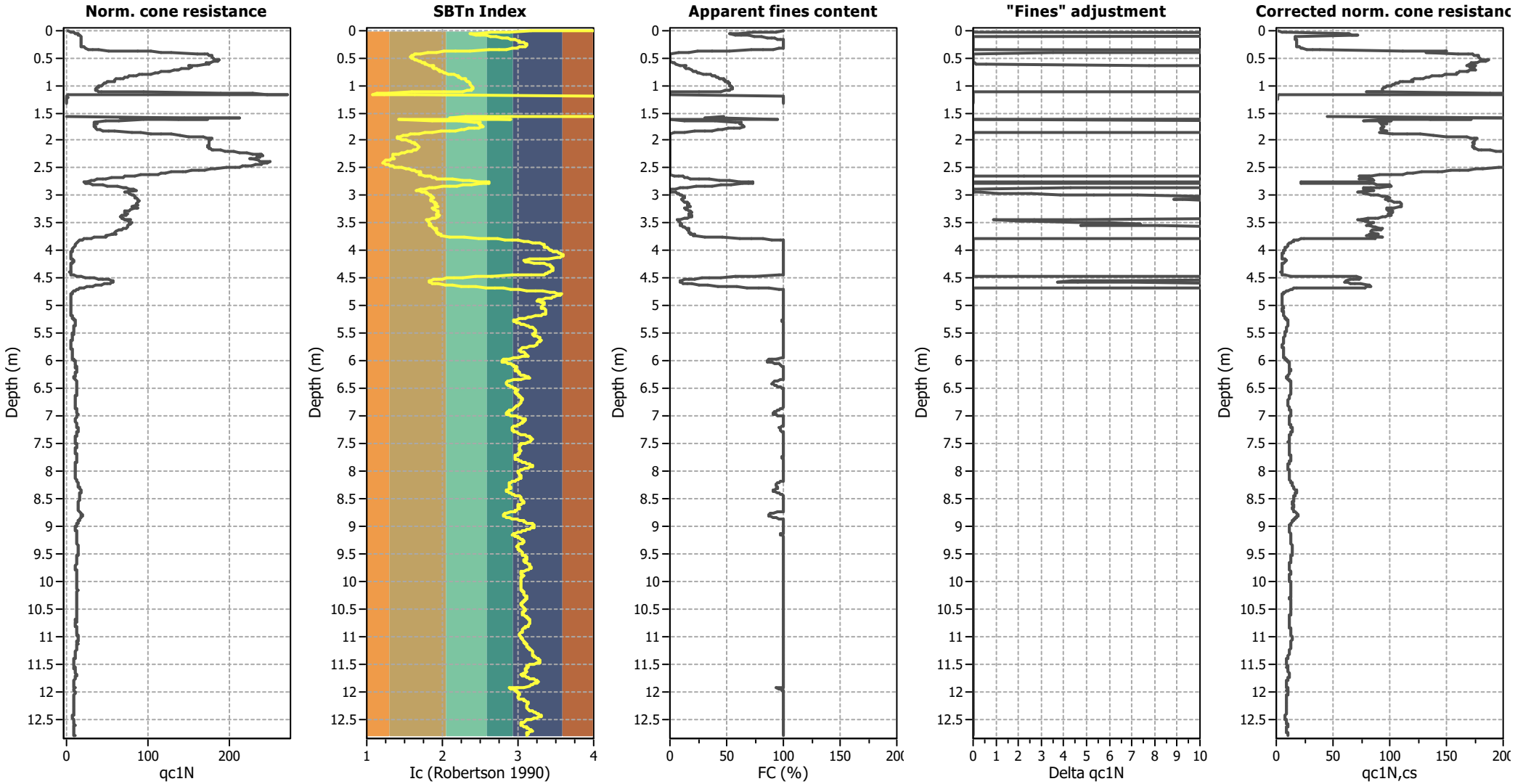
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

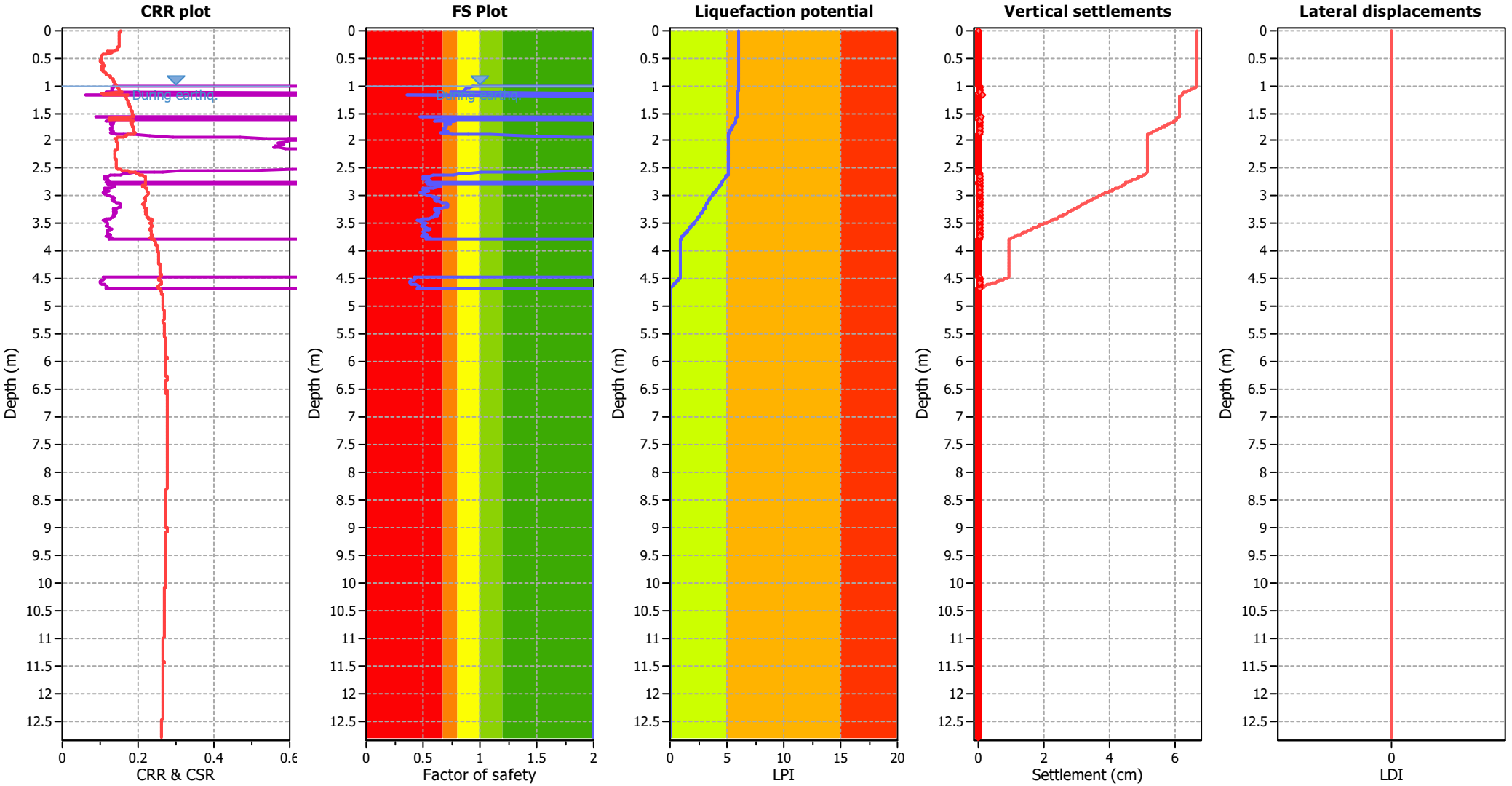
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

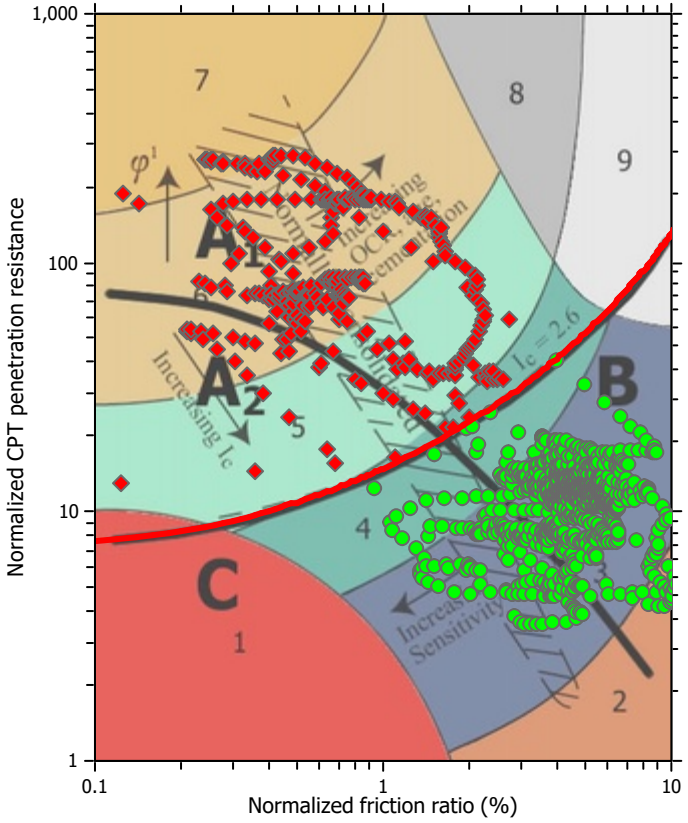
F.S. color scheme

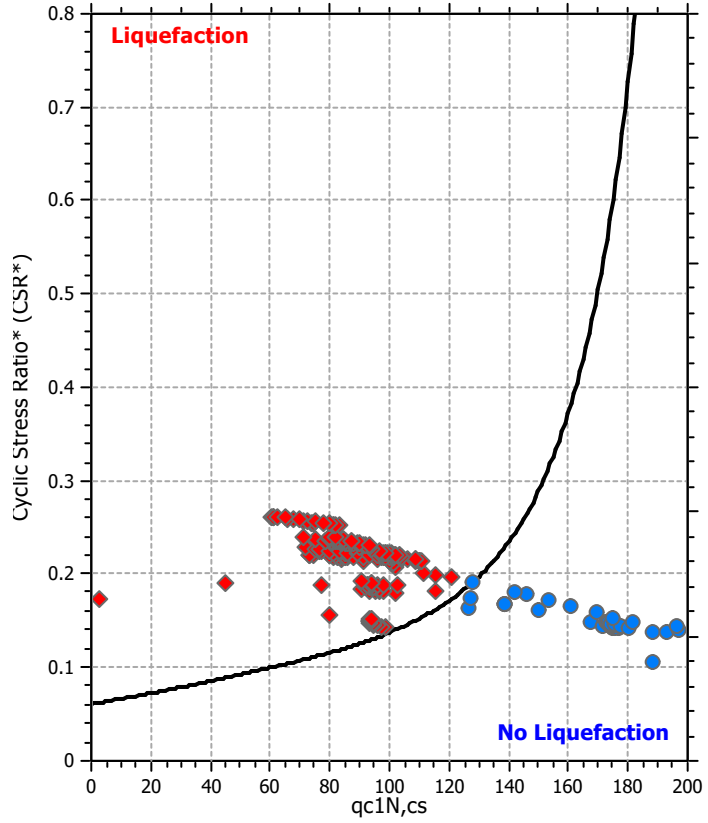
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

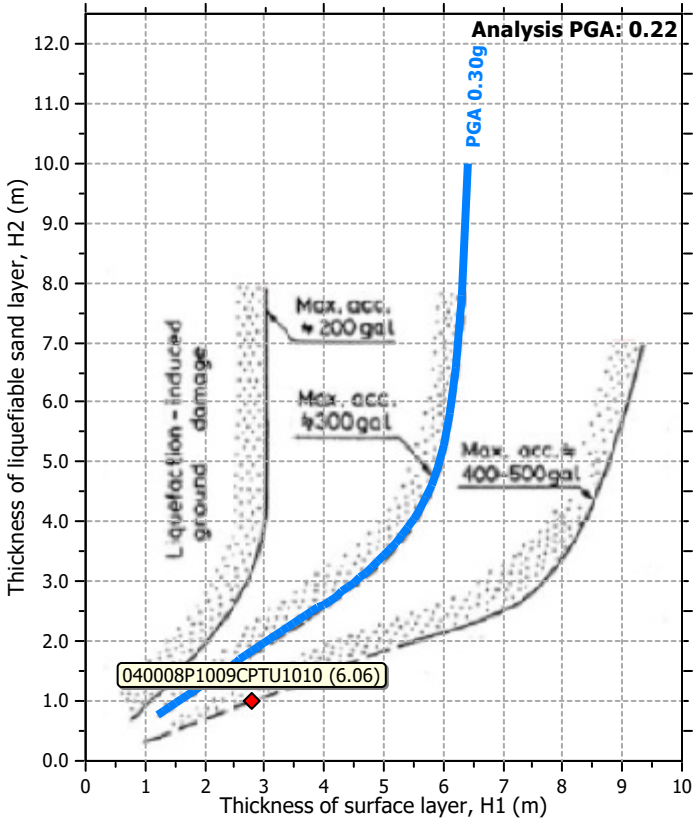
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



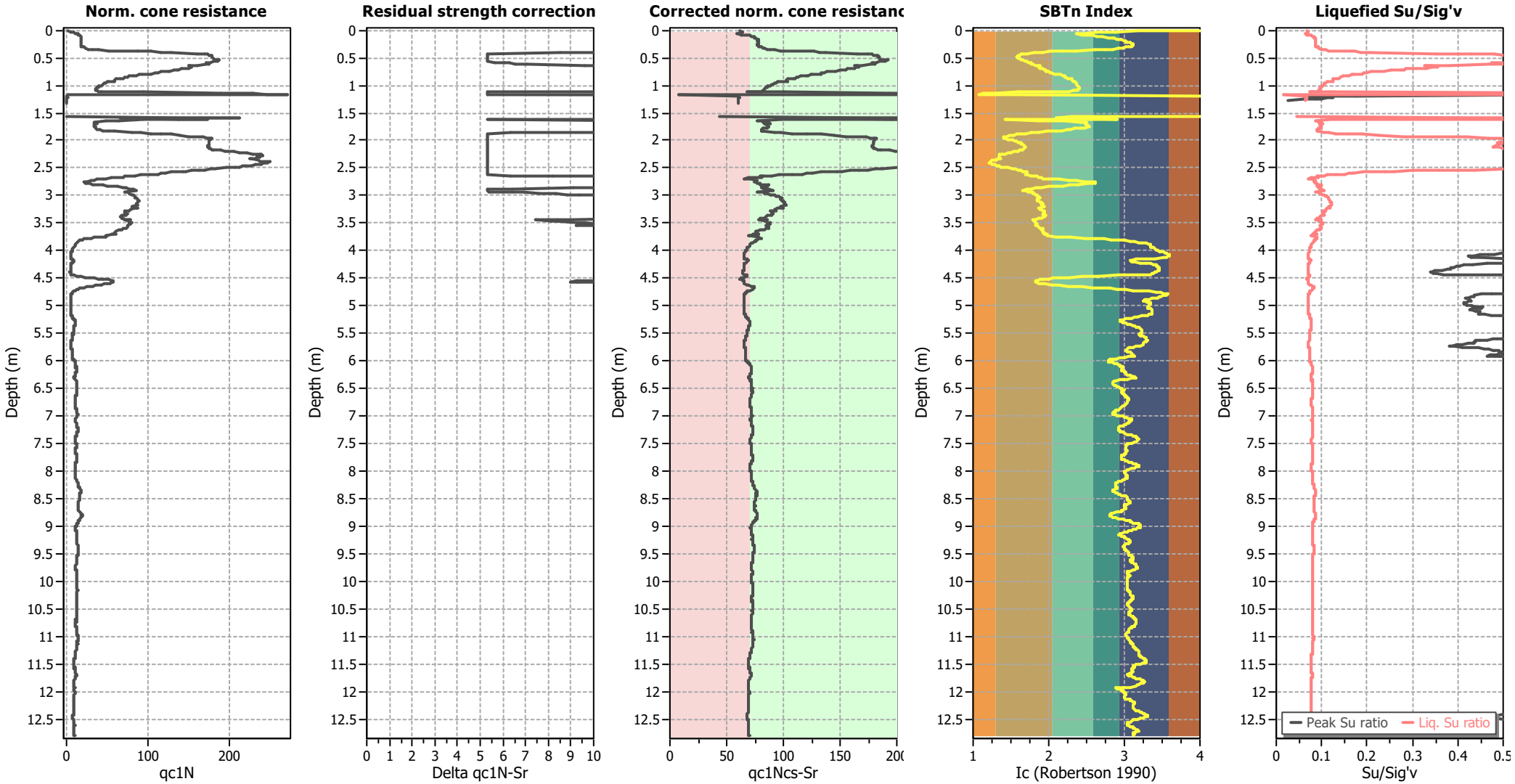




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	0.95	0.00	0.00	0.01	0.00	1.02	0.93	0.00	0.00	0.01	0.01
1.03	0.91	0.00	0.00	0.01	0.01	1.04	0.89	0.00	0.00	0.01	0.01
1.05	0.89	0.00	0.00	0.01	0.01	1.06	0.87	0.00	0.00	0.01	0.01
1.07	0.87	0.00	0.00	0.01	0.01	1.08	0.86	0.00	0.00	0.01	0.01
1.09	0.86	0.00	0.00	0.01	0.01	1.10	0.85	0.00	0.00	0.01	0.01
1.11	0.85	0.00	0.00	0.01	0.01	1.12	0.74	0.00	0.00	0.01	0.02
1.13	0.85	0.00	0.00	0.01	0.01	1.14	2.00	0.00	0.00	0.01	0.00
1.15	2.00	0.00	0.00	0.01	0.00	1.16	2.00	0.00	0.00	0.01	0.00
1.17	2.00	0.00	0.00	0.01	0.00	1.18	0.36	0.00	0.00	0.01	0.06
1.19	2.00	0.00	0.00	0.01	0.00	1.20	2.00	0.00	0.00	0.01	0.00
1.21	2.00	0.00	0.00	0.01	0.00	1.22	2.00	0.00	0.00	0.01	0.00
1.23	2.00	0.00	0.00	0.01	0.00	1.24	2.00	0.00	0.00	0.01	0.00
1.25	2.00	0.00	0.00	0.01	0.00	1.26	2.00	0.00	0.00	0.01	0.00
1.27	2.00	0.00	0.00	0.01	0.00	1.28	2.00	0.00	0.00	0.01	0.00
1.29	2.00	0.00	0.00	0.01	0.00	1.30	2.00	0.00	0.00	0.01	0.00
1.31	2.00	0.00	0.00	0.01	0.00	1.32	2.00	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	2.00	0.00	0.00	0.01	0.00
1.37	2.00	0.00	0.00	0.01	0.00	1.38	2.00	0.00	0.00	0.01	0.00
1.39	2.00	0.00	0.00	0.01	0.00	1.40	2.00	0.00	0.00	0.01	0.00
1.41	2.00	0.00	0.00	0.01	0.00	1.42	2.00	0.00	0.00	0.01	0.00
1.43	2.00	0.00	0.00	0.01	0.00	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	2.00	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	2.00	0.00	0.00	0.01	0.00
1.57	0.47	0.00	0.00	0.01	0.05	1.58	2.00	0.00	0.00	0.01	0.00
1.59	2.00	0.00	0.00	0.01	0.00	1.60	1.15	0.00	0.00	0.01	0.00
1.61	2.00	0.00	0.00	0.01	0.00	1.62	2.00	0.00	0.00	0.01	0.00
1.63	0.71	0.00	0.00	0.01	0.03	1.64	0.61	0.00	0.00	0.01	0.04
1.65	0.78	0.00	0.00	0.01	0.02	1.66	0.69	0.00	0.00	0.01	0.03
1.67	0.72	0.00	0.00	0.01	0.03	1.68	0.73	0.00	0.00	0.01	0.02
1.69	0.74	0.00	0.00	0.01	0.02	1.70	0.73	0.00	0.00	0.01	0.02
1.71	0.69	0.00	0.00	0.01	0.03	1.72	0.70	0.00	0.00	0.01	0.03
1.73	0.70	0.00	0.00	0.01	0.03	1.74	0.70	0.00	0.00	0.01	0.03
1.75	0.70	0.00	0.00	0.01	0.03	1.76	0.70	0.00	0.00	0.01	0.03
1.77	0.70	0.00	0.00	0.01	0.03	1.78	0.69	0.00	0.00	0.01	0.03
1.79	0.68	0.00	0.00	0.01	0.03	1.80	0.68	0.00	0.00	0.01	0.03
1.81	0.69	0.00	0.00	0.01	0.03	1.82	0.70	0.00	0.00	0.01	0.03
1.83	0.72	0.00	0.00	0.01	0.03	1.84	0.68	0.00	0.00	0.01	0.03
1.85	0.68	0.00	0.00	0.01	0.03	1.86	0.66	0.00	0.00	0.01	0.03
1.87	0.75	0.00	0.00	0.01	0.02	1.88	0.89	0.00	0.00	0.01	0.01
1.89	1.09	0.00	0.00	0.01	0.00	1.90	1.38	0.00	0.00	0.01	0.00
1.91	1.37	0.00	0.00	0.01	0.00	1.92	1.37	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.82	0.00	0.00	0.01	0.00	1.94	2.00	0.00	0.00	0.01	0.00
1.95	2.00	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	2.00	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	1.83	0.00	0.00	0.01	0.00	2.56	1.50	0.00	0.00	0.01	0.00
2.57	1.35	0.00	0.00	0.01	0.00	2.58	1.01	0.00	0.00	0.01	0.00
2.59	0.88	0.00	0.00	0.01	0.01	2.60	0.82	0.00	0.00	0.01	0.02
2.61	0.77	0.00	0.00	0.01	0.02	2.62	0.67	0.00	0.00	0.01	0.03
2.63	0.60	0.00	0.00	0.01	0.04	2.64	0.55	0.00	0.00	0.01	0.04
2.65	0.50	0.00	0.00	0.01	0.04	2.66	0.54	0.00	0.00	0.01	0.04
2.67	0.54	0.00	0.00	0.01	0.04	2.68	0.50	0.00	0.00	0.01	0.04
2.69	0.50	0.00	0.00	0.01	0.04	2.70	0.55	0.00	0.00	0.01	0.04
2.71	0.55	0.00	0.00	0.01	0.04	2.72	0.56	0.00	0.00	0.01	0.04
2.73	0.55	0.00	0.00	0.01	0.04	2.74	0.53	0.00	0.00	0.01	0.04
2.75	0.52	0.00	0.00	0.01	0.04	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	0.54	0.46	0.52	0.01	0.04
2.79	0.55	0.45	0.55	0.01	0.04	2.80	0.57	0.43	0.57	0.01	0.04
2.81	0.65	0.35	0.74	0.01	0.03	2.82	0.66	0.34	0.77	0.01	0.03
2.83	0.61	0.39	0.66	0.01	0.03	2.84	0.64	0.36	0.73	0.01	0.03
2.85	0.58	0.42	0.60	0.01	0.04	2.86	0.54	0.46	0.53	0.01	0.04
2.87	0.50	0.50	0.48	0.01	0.04	2.88	0.50	0.50	0.48	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.53	0.47	0.51	0.01	0.04	2.90	0.55	0.45	0.54	0.01	0.04
2.91	0.55	0.45	0.54	0.01	0.04	2.92	0.55	0.45	0.54	0.01	0.04
2.93	0.48	0.52	0.45	0.01	0.04	2.94	0.49	0.51	0.47	0.01	0.04
2.95	0.50	0.50	0.48	0.01	0.04	2.96	0.50	0.50	0.48	0.01	0.04
2.97	0.51	0.49	0.49	0.01	0.04	2.98	0.53	0.47	0.52	0.01	0.04
2.99	0.54	0.46	0.53	0.01	0.04	3.00	0.56	0.44	0.56	0.01	0.04
3.01	0.59	0.41	0.61	0.01	0.04	3.02	0.61	0.39	0.66	0.01	0.03
3.03	0.64	0.36	0.71	0.01	0.03	3.04	0.63	0.37	0.71	0.01	0.03
3.05	0.62	0.38	0.66	0.01	0.03	3.06	0.60	0.40	0.63	0.01	0.03
3.07	0.60	0.40	0.64	0.01	0.03	3.08	0.61	0.39	0.65	0.01	0.03
3.09	0.62	0.38	0.67	0.01	0.03	3.10	0.64	0.36	0.72	0.01	0.03
3.11	0.66	0.34	0.79	0.01	0.03	3.12	0.68	0.32	0.84	0.01	0.03
3.13	0.70	0.30	0.93	0.01	0.03	3.14	0.72	0.28	0.99	0.01	0.02
3.15	0.71	0.29	0.98	0.01	0.02	3.16	0.71	0.29	0.98	0.01	0.02
3.17	0.71	0.29	0.98	0.01	0.02	3.18	0.71	0.29	0.97	0.01	0.02
3.19	0.70	0.30	0.91	0.01	0.03	3.20	0.72	0.28	0.99	0.01	0.02
3.21	0.70	0.30	0.91	0.01	0.03	3.22	0.66	0.34	0.77	0.01	0.03
3.23	0.64	0.36	0.71	0.01	0.03	3.24	0.60	0.40	0.63	0.01	0.03
3.25	0.61	0.39	0.65	0.01	0.03	3.26	0.63	0.37	0.70	0.01	0.03
3.27	0.65	0.35	0.74	0.01	0.03	3.28	0.61	0.39	0.66	0.01	0.03
3.29	0.63	0.37	0.70	0.01	0.03	3.30	0.64	0.36	0.71	0.01	0.03
3.31	0.64	0.36	0.73	0.01	0.03	3.32	0.62	0.38	0.68	0.01	0.03
3.33	0.63	0.37	0.70	0.01	0.03	3.34	0.61	0.39	0.65	0.01	0.03
3.35	0.62	0.38	0.67	0.01	0.03	3.36	0.63	0.37	0.70	0.01	0.03
3.37	0.61	0.39	0.65	0.01	0.03	3.38	0.59	0.41	0.62	0.01	0.03
3.39	0.58	0.42	0.59	0.01	0.04	3.40	0.55	0.45	0.54	0.01	0.04
3.41	0.54	0.46	0.53	0.01	0.04	3.42	0.50	0.50	0.48	0.01	0.04
3.43	0.47	0.53	0.45	0.01	0.04	3.44	0.50	0.50	0.48	0.01	0.04
3.45	0.45	0.55	0.43	0.01	0.05	3.46	0.49	0.51	0.46	0.01	0.04
3.47	0.49	0.51	0.46	0.01	0.04	3.48	0.50	0.50	0.48	0.01	0.04
3.49	0.52	0.48	0.50	0.01	0.04	3.50	0.52	0.48	0.50	0.01	0.04
3.51	0.51	0.49	0.49	0.01	0.04	3.52	0.51	0.49	0.49	0.01	0.04
3.53	0.51	0.49	0.49	0.01	0.04	3.54	0.49	0.51	0.47	0.01	0.04
3.55	0.50	0.50	0.48	0.01	0.04	3.56	0.52	0.48	0.50	0.01	0.04
3.57	0.53	0.47	0.51	0.01	0.04	3.58	0.53	0.47	0.51	0.01	0.04
3.59	0.55	0.45	0.55	0.01	0.04	3.60	0.56	0.44	0.57	0.01	0.04
3.61	0.56	0.44	0.55	0.01	0.04	3.62	0.53	0.47	0.52	0.01	0.04
3.63	0.51	0.49	0.49	0.01	0.04	3.64	0.51	0.49	0.49	0.01	0.04
3.65	0.51	0.49	0.48	0.01	0.04	3.66	0.51	0.49	0.48	0.01	0.04
3.67	0.51	0.49	0.49	0.01	0.04	3.68	0.51	0.49	0.49	0.01	0.04
3.69	0.54	0.46	0.53	0.01	0.04	3.70	0.50	0.50	0.47	0.01	0.04
3.71	0.54	0.46	0.53	0.01	0.04	3.72	0.48	0.52	0.46	0.01	0.04
3.73	0.51	0.49	0.49	0.01	0.04	3.74	0.49	0.51	0.47	0.01	0.04
3.75	0.56	0.44	0.56	0.01	0.04	3.76	0.52	0.48	0.50	0.01	0.04
3.77	0.52	0.48	0.50	0.01	0.04	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	2.00	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	2.00	0.00	0.00	0.01	0.00
4.03	2.00	0.00	0.00	0.01	0.00	4.04	2.00	0.00	0.00	0.01	0.00
4.05	2.00	0.00	0.00	0.01	0.00	4.06	2.00	0.00	0.00	0.01	0.00
4.07	2.00	0.00	0.00	0.01	0.00	4.08	2.00	0.00	0.00	0.01	0.00
4.09	2.00	0.00	0.00	0.01	0.00	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	2.00	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	2.00	0.00	0.00	0.01	0.00	4.18	2.00	0.00	0.00	0.01	0.00
4.19	2.00	0.00	0.00	0.01	0.00	4.20	2.00	0.00	0.00	0.01	0.00
4.21	2.00	0.00	0.00	0.01	0.00	4.22	2.00	0.00	0.00	0.01	0.00
4.23	2.00	0.00	0.00	0.01	0.00	4.24	2.00	0.00	0.00	0.01	0.00
4.25	2.00	0.00	0.00	0.01	0.00	4.26	2.00	0.00	0.00	0.01	0.00
4.27	2.00	0.00	0.00	0.01	0.00	4.28	2.00	0.00	0.00	0.01	0.00
4.29	2.00	0.00	0.00	0.01	0.00	4.30	2.00	0.00	0.00	0.01	0.00
4.31	2.00	0.00	0.00	0.01	0.00	4.32	2.00	0.00	0.00	0.01	0.00
4.33	2.00	0.00	0.00	0.01	0.00	4.34	2.00	0.00	0.00	0.01	0.00
4.35	2.00	0.00	0.00	0.01	0.00	4.36	2.00	0.00	0.00	0.01	0.00
4.37	2.00	0.00	0.00	0.01	0.00	4.38	2.00	0.00	0.00	0.01	0.00
4.39	2.00	0.00	0.00	0.01	0.00	4.40	2.00	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	2.00	0.00	0.00	0.01	0.00
4.43	2.00	0.00	0.00	0.01	0.00	4.44	2.00	0.00	0.00	0.01	0.00
4.45	2.00	0.00	0.00	0.01	0.00	4.46	2.00	0.00	0.00	0.01	0.00
4.47	0.42	0.58	0.40	0.01	0.04	4.48	0.43	0.57	0.41	0.01	0.04
4.49	0.44	0.56	0.42	0.01	0.04	4.50	0.44	0.56	0.41	0.01	0.04
4.51	0.43	0.57	0.41	0.01	0.04	4.52	0.41	0.59	0.39	0.01	0.05
4.53	0.40	0.60	0.39	0.01	0.05	4.54	0.38	0.62	0.37	0.01	0.05
4.55	0.38	0.62	0.37	0.01	0.05	4.56	0.38	0.62	0.37	0.01	0.05
4.57	0.38	0.62	0.37	0.01	0.05	4.58	0.39	0.61	0.38	0.01	0.05
4.59	0.40	0.60	0.38	0.01	0.05	4.60	0.42	0.58	0.40	0.01	0.05
4.61	0.44	0.56	0.41	0.01	0.04	4.62	0.46	0.54	0.44	0.01	0.04
4.63	0.46	0.54	0.44	0.01	0.04	4.64	0.47	0.53	0.45	0.01	0.04
4.65	0.47	0.53	0.44	0.01	0.04	4.66	0.46	0.54	0.43	0.01	0.04
4.67	0.45	0.55	0.42	0.01	0.04	4.68	2.00	0.00	0.00	0.01	0.00
4.69	2.00	0.00	0.00	0.01	0.00	4.70	2.00	0.00	0.00	0.01	0.00
4.71	2.00	0.00	0.00	0.01	0.00	4.72	2.00	0.00	0.00	0.01	0.00
4.73	2.00	0.00	0.00	0.01	0.00	4.74	2.00	0.00	0.00	0.01	0.00
4.75	2.00	0.00	0.00	0.01	0.00	4.76	2.00	0.00	0.00	0.01	0.00
4.77	2.00	0.00	0.00	0.01	0.00	4.78	2.00	0.00	0.00	0.01	0.00
4.79	2.00	0.00	0.00	0.01	0.00	4.80	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	2.00	0.00	0.00	0.01	0.00	4.82	2.00	0.00	0.00	0.01	0.00
4.83	2.00	0.00	0.00	0.01	0.00	4.84	2.00	0.00	0.00	0.01	0.00
4.85	2.00	0.00	0.00	0.01	0.00	4.86	2.00	0.00	0.00	0.01	0.00
4.87	2.00	0.00	0.00	0.01	0.00	4.88	2.00	0.00	0.00	0.01	0.00
4.89	2.00	0.00	0.00	0.01	0.00	4.90	2.00	0.00	0.00	0.01	0.00
4.91	2.00	0.00	0.00	0.01	0.00	4.92	2.00	0.00	0.00	0.01	0.00
4.93	2.00	0.00	0.00	0.01	0.00	4.94	2.00	0.00	0.00	0.01	0.00
4.95	2.00	0.00	0.00	0.01	0.00	4.96	2.00	0.00	0.00	0.01	0.00
4.97	2.00	0.00	0.00	0.01	0.00	4.98	2.00	0.00	0.00	0.01	0.00
4.99	2.00	0.00	0.00	0.01	0.00	5.00	2.00	0.00	0.00	0.01	0.00
5.01	2.00	0.00	0.00	0.01	0.00	5.02	2.00	0.00	0.00	0.01	0.00
5.03	2.00	0.00	0.00	0.01	0.00	5.04	2.00	0.00	0.00	0.01	0.00
5.05	2.00	0.00	0.00	0.01	0.00	5.06	2.00	0.00	0.00	0.01	0.00
5.07	2.00	0.00	0.00	0.01	0.00	5.08	2.00	0.00	0.00	0.01	0.00
5.09	2.00	0.00	0.00	0.01	0.00	5.10	2.00	0.00	0.00	0.01	0.00
5.11	2.00	0.00	0.00	0.01	0.00	5.12	2.00	0.00	0.00	0.01	0.00
5.13	2.00	0.00	0.00	0.01	0.00	5.14	2.00	0.00	0.00	0.01	0.00
5.15	2.00	0.00	0.00	0.01	0.00	5.16	2.00	0.00	0.00	0.01	0.00
5.17	2.00	0.00	0.00	0.01	0.00	5.18	2.00	0.00	0.00	0.01	0.00
5.19	2.00	0.00	0.00	0.01	0.00	5.20	2.00	0.00	0.00	0.01	0.00
5.21	2.00	0.00	0.00	0.01	0.00	5.22	2.00	0.00	0.00	0.01	0.00
5.23	2.00	0.00	0.00	0.01	0.00	5.24	2.00	0.00	0.00	0.01	0.00
5.25	2.00	0.00	0.00	0.01	0.00	5.26	2.00	0.00	0.00	0.01	0.00
5.27	2.00	0.00	0.00	0.01	0.00	5.28	2.00	0.00	0.00	0.01	0.00
5.29	2.00	0.00	0.00	0.01	0.00	5.30	2.00	0.00	0.00	0.01	0.00
5.31	2.00	0.00	0.00	0.01	0.00	5.32	2.00	0.00	0.00	0.01	0.00
5.33	2.00	0.00	0.00	0.01	0.00	5.34	2.00	0.00	0.00	0.01	0.00
5.35	2.00	0.00	0.00	0.01	0.00	5.36	2.00	0.00	0.00	0.01	0.00
5.37	2.00	0.00	0.00	0.01	0.00	5.38	2.00	0.00	0.00	0.01	0.00
5.39	2.00	0.00	0.00	0.01	0.00	5.40	2.00	0.00	0.00	0.01	0.00
5.41	2.00	0.00	0.00	0.01	0.00	5.42	2.00	0.00	0.00	0.01	0.00
5.43	2.00	0.00	0.00	0.01	0.00	5.44	2.00	0.00	0.00	0.01	0.00
5.45	2.00	0.00	0.00	0.01	0.00	5.46	2.00	0.00	0.00	0.01	0.00
5.47	2.00	0.00	0.00	0.01	0.00	5.48	2.00	0.00	0.00	0.01	0.00
5.49	2.00	0.00	0.00	0.01	0.00	5.50	2.00	0.00	0.00	0.01	0.00
5.51	2.00	0.00	0.00	0.01	0.00	5.52	2.00	0.00	0.00	0.01	0.00
5.53	2.00	0.00	0.00	0.01	0.00	5.54	2.00	0.00	0.00	0.01	0.00
5.55	2.00	0.00	0.00	0.01	0.00	5.56	2.00	0.00	0.00	0.01	0.00
5.57	2.00	0.00	0.00	0.01	0.00	5.58	2.00	0.00	0.00	0.01	0.00
5.59	2.00	0.00	0.00	0.01	0.00	5.60	2.00	0.00	0.00	0.01	0.00
5.61	2.00	0.00	0.00	0.01	0.00	5.62	2.00	0.00	0.00	0.01	0.00
5.63	2.00	0.00	0.00	0.01	0.00	5.64	2.00	0.00	0.00	0.01	0.00
5.65	2.00	0.00	0.00	0.01	0.00	5.66	2.00	0.00	0.00	0.01	0.00
5.67	2.00	0.00	0.00	0.01	0.00	5.68	2.00	0.00	0.00	0.01	0.00
5.69	2.00	0.00	0.00	0.01	0.00	5.70	2.00	0.00	0.00	0.01	0.00
5.71	2.00	0.00	0.00	0.01	0.00	5.72	2.00	0.00	0.00	0.01	0.00
5.73	2.00	0.00	0.00	0.01	0.00	5.74	2.00	0.00	0.00	0.01	0.00
5.75	2.00	0.00	0.00	0.01	0.00	5.76	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	2.00	0.00	0.00	0.01	0.00	5.78	2.00	0.00	0.00	0.01	0.00
5.79	2.00	0.00	0.00	0.01	0.00	5.80	2.00	0.00	0.00	0.01	0.00
5.81	2.00	0.00	0.00	0.01	0.00	5.82	2.00	0.00	0.00	0.01	0.00
5.83	2.00	0.00	0.00	0.01	0.00	5.84	2.00	0.00	0.00	0.01	0.00
5.85	2.00	0.00	0.00	0.01	0.00	5.86	2.00	0.00	0.00	0.01	0.00
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	2.00	0.00	0.00	0.01	0.00
5.93	2.00	0.00	0.00	0.01	0.00	5.94	2.00	0.00	0.00	0.01	0.00
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	2.00	0.00	0.00	0.01	0.00
6.01	2.00	0.00	0.00	0.01	0.00	6.02	2.00	0.00	0.00	0.01	0.00
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	2.00	0.00	0.00	0.01	0.00
6.17	2.00	0.00	0.00	0.01	0.00	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	2.00	0.00	0.00	0.01	0.00	6.26	2.00	0.00	0.00	0.01	0.00
6.27	2.00	0.00	0.00	0.01	0.00	6.28	2.00	0.00	0.00	0.01	0.00
6.29	2.00	0.00	0.00	0.01	0.00	6.30	2.00	0.00	0.00	0.01	0.00
6.31	2.00	0.00	0.00	0.01	0.00	6.32	2.00	0.00	0.00	0.01	0.00
6.33	2.00	0.00	0.00	0.01	0.00	6.34	2.00	0.00	0.00	0.01	0.00
6.35	2.00	0.00	0.00	0.01	0.00	6.36	2.00	0.00	0.00	0.01	0.00
6.37	2.00	0.00	0.00	0.01	0.00	6.38	2.00	0.00	0.00	0.01	0.00
6.39	2.00	0.00	0.00	0.01	0.00	6.40	2.00	0.00	0.00	0.01	0.00
6.41	2.00	0.00	0.00	0.01	0.00	6.42	2.00	0.00	0.00	0.01	0.00
6.43	2.00	0.00	0.00	0.01	0.00	6.44	2.00	0.00	0.00	0.01	0.00
6.45	2.00	0.00	0.00	0.01	0.00	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	2.00	0.00	0.00	0.01	0.00
6.57	2.00	0.00	0.00	0.01	0.00	6.58	2.00	0.00	0.00	0.01	0.00
6.59	2.00	0.00	0.00	0.01	0.00	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	2.00	0.00	0.00	0.01	0.00
6.93	2.00	0.00	0.00	0.01	0.00	6.94	2.00	0.00	0.00	0.01	0.00
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	2.00	0.00	0.00	0.01	0.00	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00

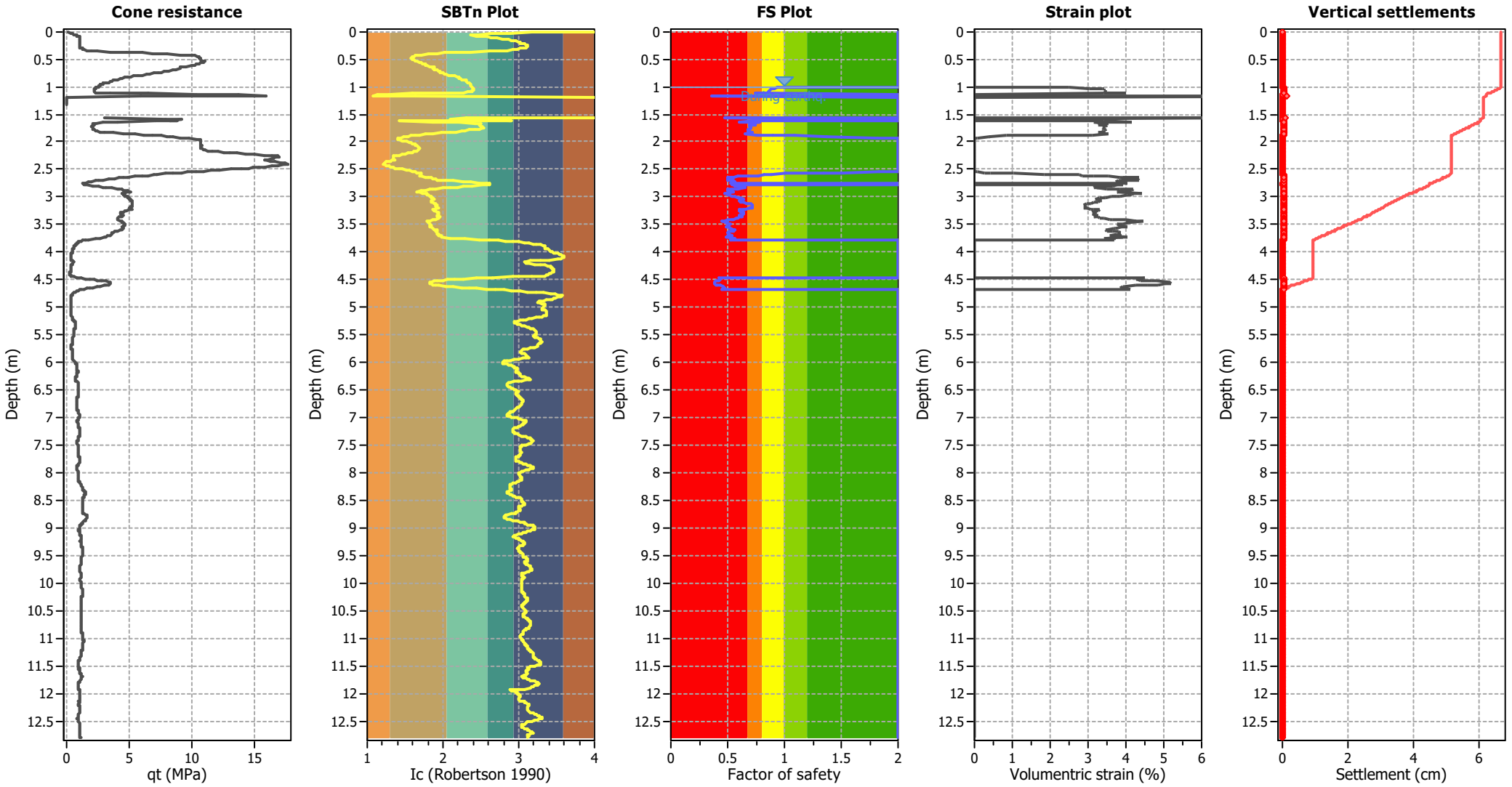
Overall liquefaction potential: 6.06

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	100.87	2.00	0.00	1.00	0.00	1.01	98.67	0.95	2.01	1.00	0.02
1.02	97.29	0.93	2.48	1.00	0.02	1.03	96.29	0.91	3.04	1.00	0.03
1.04	94.76	0.89	3.39	1.00	0.03	1.05	94.38	0.89	3.41	1.00	0.03
1.06	93.58	0.87	3.44	1.00	0.03	1.07	93.37	0.87	3.44	1.00	0.03
1.08	93.01	0.86	3.46	1.00	0.03	1.09	93.02	0.86	3.46	1.00	0.03
1.10	93.21	0.85	3.45	1.00	0.03	1.11	93.64	0.85	3.43	1.00	0.03
1.12	80.12	0.74	4.00	1.00	0.04	1.13	94.29	0.85	3.41	1.00	0.03
1.14	188.75	2.00	0.00	1.00	0.00	1.15	227.30	2.00	0.00	1.00	0.00
1.16	245.22	2.00	0.00	1.00	0.00	1.17	270.44	2.00	0.00	1.00	0.00
1.18	2.52	0.36	11.87	1.00	0.12	1.19	0.17	2.00	0.00	1.00	0.00
1.20	0.84	2.00	0.00	1.00	0.00	1.21	1.01	2.00	0.00	1.00	0.00
1.22	1.01	2.00	0.00	1.00	0.00	1.23	0.84	2.00	0.00	1.00	0.00
1.24	0.84	2.00	0.00	1.00	0.00	1.25	0.84	2.00	0.00	1.00	0.00
1.26	0.67	2.00	0.00	1.00	0.00	1.27	0.50	2.00	0.00	1.00	0.00
1.28	0.34	2.00	0.00	1.00	0.00	1.29	0.17	2.00	0.00	1.00	0.00
1.30	0.00	2.00	0.00	1.00	0.00	1.31	0.17	2.00	0.00	1.00	0.00
1.32	0.00	2.00	0.00	1.00	0.00	1.33	0.00	2.00	0.00	1.00	0.00
1.34	0.00	2.00	0.00	1.00	0.00	1.35	0.00	2.00	0.00	1.00	0.00
1.36	0.00	2.00	0.00	1.00	0.00	1.37	0.00	2.00	0.00	1.00	0.00
1.38	0.00	2.00	0.00	1.00	0.00	1.39	0.00	2.00	0.00	1.00	0.00
1.40	0.00	2.00	0.00	1.00	0.00	1.41	0.00	2.00	0.00	1.00	0.00
1.42	0.00	2.00	0.00	1.00	0.00	1.43	0.00	2.00	0.00	1.00	0.00
1.44	0.00	2.00	0.00	1.00	0.00	1.45	0.00	2.00	0.00	1.00	0.00
1.46	0.00	2.00	0.00	1.00	0.00	1.47	0.00	2.00	0.00	1.00	0.00
1.48	0.00	2.00	0.00	1.00	0.00	1.49	0.00	2.00	0.00	1.00	0.00
1.50	0.00	2.00	0.00	1.00	0.00	1.51	0.00	2.00	0.00	1.00	0.00
1.52	0.00	2.00	0.00	1.00	0.00	1.53	0.00	2.00	0.00	1.00	0.00
1.54	0.00	2.00	0.00	1.00	0.00	1.55	0.00	2.00	0.00	1.00	0.00
1.56	0.00	2.00	0.00	1.00	0.00	1.57	45.10	0.47	6.69	1.00	0.07
1.58	209.96	2.00	0.00	1.00	0.00	1.59	291.44	2.00	0.00	1.00	0.00
1.60	126.81	1.15	0.70	1.00	0.01	1.61	136.18	2.00	0.00	1.00	0.00
1.62	172.17	2.00	0.00	1.00	0.00	1.63	93.62	0.71	3.43	1.00	0.03
1.64	77.35	0.61	4.14	1.00	0.04	1.65	101.73	0.78	3.16	1.00	0.03
1.66	90.65	0.69	3.55	1.00	0.04	1.67	95.33	0.72	3.37	1.00	0.03
1.68	96.40	0.73	3.34	1.00	0.03	1.69	97.81	0.74	3.29	1.00	0.03
1.70	96.78	0.73	3.32	1.00	0.03	1.71	91.86	0.69	3.50	1.00	0.04
1.72	93.26	0.70	3.45	1.00	0.03	1.73	93.80	0.70	3.43	1.00	0.03
1.74	94.18	0.70	3.41	1.00	0.03	1.75	94.57	0.70	3.40	1.00	0.03
1.76	94.63	0.70	3.40	1.00	0.03	1.77	94.17	0.70	3.41	1.00	0.03
1.78	93.12	0.69	3.45	1.00	0.03	1.79	92.40	0.68	3.48	1.00	0.03
1.80	92.47	0.68	3.48	1.00	0.03	1.81	94.06	0.69	3.42	1.00	0.03
1.82	95.79	0.70	3.36	1.00	0.03	1.83	98.06	0.72	3.28	1.00	0.03
1.84	94.03	0.68	3.42	1.00	0.03	1.85	93.83	0.68	3.43	1.00	0.03
1.86	90.81	0.66	3.54	1.00	0.04	1.87	102.51	0.75	3.13	1.00	0.03
1.88	115.26	0.89	1.95	1.00	0.02	1.89	127.51	1.09	0.83	1.00	0.01
1.90	138.92	1.38	0.38	1.00	0.00	1.91	138.92	1.37	0.39	1.00	0.00
1.92	138.92	1.37	0.39	1.00	0.00	1.93	150.33	1.82	0.08	1.00	0.00
1.94	167.88	2.00	0.00	1.00	0.00	1.95	171.98	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	177.19	2.00	0.00	1.00	0.00	1.97	174.77	2.00	0.00	1.00	0.00
1.98	175.40	2.00	0.00	1.00	0.00	1.99	175.89	2.00	0.00	1.00	0.00
2.00	175.24	2.00	0.00	1.00	0.00	2.01	174.59	2.00	0.00	1.00	0.00
2.02	174.69	2.00	0.00	1.00	0.00	2.03	173.70	2.00	0.00	1.00	0.00
2.04	173.53	2.00	0.00	1.00	0.00	2.05	174.19	2.00	0.00	1.00	0.00
2.06	174.25	2.00	0.00	1.00	0.00	2.07	174.20	2.00	0.00	1.00	0.00
2.08	173.79	2.00	0.00	1.00	0.00	2.09	173.50	2.00	0.00	1.00	0.00
2.10	173.21	2.00	0.00	1.00	0.00	2.11	172.92	2.00	0.00	1.00	0.00
2.12	173.11	2.00	0.00	1.00	0.00	2.13	173.76	2.00	0.00	1.00	0.00
2.14	174.41	2.00	0.00	1.00	0.00	2.15	175.77	2.00	0.00	1.00	0.00
2.16	177.82	2.00	0.00	1.00	0.00	2.17	180.55	2.00	0.00	1.00	0.00
2.18	188.38	2.00	0.00	1.00	0.00	2.19	193.53	2.00	0.00	1.00	0.00
2.20	197.15	2.00	0.00	1.00	0.00	2.21	205.26	2.00	0.00	1.00	0.00
2.22	211.46	2.00	0.00	1.00	0.00	2.23	221.09	2.00	0.00	1.00	0.00
2.24	228.46	2.00	0.00	1.00	0.00	2.25	236.31	2.00	0.00	1.00	0.00
2.26	238.43	2.00	0.00	1.00	0.00	2.27	240.00	2.00	0.00	1.00	0.00
2.28	239.08	2.00	0.00	1.00	0.00	2.29	233.48	2.00	0.00	1.00	0.00
2.30	236.15	2.00	0.00	1.00	0.00	2.31	233.06	2.00	0.00	1.00	0.00
2.32	232.17	2.00	0.00	1.00	0.00	2.33	223.93	2.00	0.00	1.00	0.00
2.34	225.35	2.00	0.00	1.00	0.00	2.35	235.54	2.00	0.00	1.00	0.00
2.36	234.35	2.00	0.00	1.00	0.00	2.37	235.45	2.00	0.00	1.00	0.00
2.38	236.65	2.00	0.00	1.00	0.00	2.39	248.38	2.00	0.00	1.00	0.00
2.40	245.49	2.00	0.00	1.00	0.00	2.41	242.13	2.00	0.00	1.00	0.00
2.42	240.04	2.00	0.00	1.00	0.00	2.43	238.93	2.00	0.00	1.00	0.00
2.44	230.87	2.00	0.00	1.00	0.00	2.45	225.28	2.00	0.00	1.00	0.00
2.46	218.44	2.00	0.00	1.00	0.00	2.47	216.12	2.00	0.00	1.00	0.00
2.48	212.14	2.00	0.00	1.00	0.00	2.49	205.81	2.00	0.00	1.00	0.00
2.50	196.37	2.00	0.00	1.00	0.00	2.51	182.15	2.00	0.00	1.00	0.00
2.52	175.41	2.00	0.00	1.00	0.00	2.53	169.47	2.00	0.00	1.00	0.00
2.54	161.32	2.00	0.00	1.00	0.00	2.55	153.37	1.83	0.07	1.00	0.00
2.56	146.14	1.50	0.27	1.00	0.00	2.57	142.02	1.35	0.41	1.00	0.00
2.58	128.37	1.01	1.04	1.00	0.01	2.59	120.63	0.88	1.83	1.00	0.02
2.60	115.77	0.82	2.76	1.00	0.03	2.61	111.74	0.77	2.86	1.00	0.03
2.62	101.84	0.67	3.15	1.00	0.03	2.63	91.10	0.60	3.53	1.00	0.04
2.64	83.76	0.55	3.83	1.00	0.04	2.65	73.20	0.50	4.36	1.00	0.04
2.66	81.43	0.54	3.94	1.00	0.04	2.67	82.41	0.54	3.90	1.00	0.04
2.68	74.38	0.50	4.30	1.00	0.04	2.69	73.46	0.50	4.35	1.00	0.04
2.70	83.37	0.55	3.85	1.00	0.04	2.71	84.63	0.55	3.80	1.00	0.04
2.72	86.11	0.56	3.73	1.00	0.04	2.73	84.79	0.55	3.79	1.00	0.04
2.74	80.09	0.53	4.00	1.00	0.04	2.75	79.59	0.52	4.03	1.00	0.04
2.76	21.64	2.00	0.00	1.00	0.00	2.77	22.31	2.00	0.00	1.00	0.00
2.78	82.20	0.54	3.91	1.00	0.04	2.79	85.46	0.55	3.76	1.00	0.04
2.80	87.96	0.57	3.65	1.00	0.04	2.81	100.35	0.65	3.20	1.00	0.03
2.82	101.63	0.66	3.16	1.00	0.03	2.83	95.67	0.61	3.36	1.00	0.03
2.84	99.97	0.64	3.21	1.00	0.03	2.85	91.44	0.58	3.52	1.00	0.04
2.86	83.51	0.54	3.85	1.00	0.04	2.87	76.45	0.50	4.19	1.00	0.04
2.88	76.91	0.50	4.16	1.00	0.04	2.89	81.37	0.53	3.94	1.00	0.04
2.90	85.57	0.55	3.76	1.00	0.04	2.91	85.57	0.55	3.76	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	85.57	0.55	3.76	1.00	0.04	2.93	71.81	0.48	4.44	1.00	0.04
2.94	75.22	0.49	4.25	1.00	0.04	2.95	76.48	0.50	4.19	1.00	0.04
2.96	76.78	0.50	4.17	1.00	0.04	2.97	79.58	0.51	4.03	1.00	0.04
2.98	83.51	0.53	3.85	1.00	0.04	2.99	85.69	0.54	3.75	1.00	0.04
3.00	89.12	0.56	3.61	1.00	0.04	3.01	93.41	0.59	3.44	1.00	0.03
3.02	97.36	0.61	3.30	1.00	0.03	3.03	100.36	0.64	3.20	1.00	0.03
3.04	100.22	0.63	3.21	1.00	0.03	3.05	97.83	0.62	3.29	1.00	0.03
3.06	95.65	0.60	3.36	1.00	0.03	3.07	96.08	0.60	3.35	1.00	0.03
3.08	96.98	0.61	3.31	1.00	0.03	3.09	98.55	0.62	3.26	1.00	0.03
3.10	101.54	0.64	3.16	1.00	0.03	3.11	104.27	0.66	3.08	1.00	0.03
3.12	106.28	0.68	3.02	1.00	0.03	3.13	108.74	0.70	2.95	1.00	0.03
3.14	110.33	0.72	2.90	1.00	0.03	3.15	110.12	0.71	2.91	1.00	0.03
3.16	110.07	0.71	2.91	1.00	0.03	3.17	110.20	0.71	2.91	1.00	0.03
3.18	110.11	0.71	2.91	1.00	0.03	3.19	108.55	0.70	2.95	1.00	0.03
3.20	110.55	0.72	2.90	1.00	0.03	3.21	108.65	0.70	2.95	1.00	0.03
3.22	104.12	0.66	3.08	1.00	0.03	3.23	101.55	0.64	3.16	1.00	0.03
3.24	97.03	0.60	3.31	1.00	0.03	3.25	98.06	0.61	3.28	1.00	0.03
3.26	101.45	0.63	3.17	1.00	0.03	3.27	103.20	0.65	3.11	1.00	0.03
3.28	99.01	0.61	3.25	1.00	0.03	3.29	101.39	0.63	3.17	1.00	0.03
3.30	101.93	0.64	3.15	1.00	0.03	3.31	103.15	0.64	3.11	1.00	0.03
3.32	100.56	0.62	3.19	1.00	0.03	3.33	101.52	0.63	3.16	1.00	0.03
3.34	98.59	0.61	3.26	1.00	0.03	3.35	100.14	0.62	3.21	1.00	0.03
3.36	101.70	0.63	3.16	1.00	0.03	3.37	98.71	0.61	3.26	1.00	0.03
3.38	96.65	0.59	3.33	1.00	0.03	3.39	93.93	0.58	3.42	1.00	0.03
3.40	89.81	0.55	3.58	1.00	0.04	3.41	87.63	0.54	3.67	1.00	0.04
3.42	80.38	0.50	3.99	1.00	0.04	3.43	74.93	0.47	4.27	1.00	0.04
3.44	80.51	0.50	3.98	1.00	0.04	3.45	71.16	0.45	4.48	1.00	0.04
3.46	78.36	0.49	4.09	1.00	0.04	3.47	78.66	0.49	4.07	1.00	0.04
3.48	81.66	0.50	3.93	1.00	0.04	3.49	85.44	0.52	3.76	1.00	0.04
3.50	85.03	0.52	3.78	1.00	0.04	3.51	83.91	0.51	3.83	1.00	0.04
3.52	82.85	0.51	3.88	1.00	0.04	3.53	83.97	0.51	3.83	1.00	0.04
3.54	79.60	0.49	4.03	1.00	0.04	3.55	82.68	0.50	3.88	1.00	0.04
3.56	85.80	0.52	3.75	1.00	0.04	3.57	87.33	0.53	3.68	1.00	0.04
3.58	87.22	0.53	3.69	1.00	0.04	3.59	91.45	0.55	3.52	1.00	0.04
3.60	93.31	0.56	3.45	1.00	0.03	3.61	92.12	0.56	3.49	1.00	0.03
3.62	87.96	0.53	3.65	1.00	0.04	3.63	84.36	0.51	3.81	1.00	0.04
3.64	83.73	0.51	3.84	1.00	0.04	3.65	83.69	0.51	3.84	1.00	0.04
3.66	83.74	0.51	3.84	1.00	0.04	3.67	84.59	0.51	3.80	1.00	0.04
3.68	84.93	0.51	3.78	1.00	0.04	3.69	89.56	0.54	3.59	1.00	0.04
3.70	82.37	0.50	3.90	1.00	0.04	3.71	90.27	0.54	3.56	1.00	0.04
3.72	79.76	0.48	4.02	1.00	0.04	3.73	84.51	0.51	3.80	1.00	0.04
3.74	82.18	0.49	3.91	1.00	0.04	3.75	93.59	0.56	3.44	1.00	0.03
3.76	87.07	0.52	3.69	1.00	0.04	3.77	87.45	0.52	3.68	1.00	0.04
3.78	24.27	2.00	0.00	1.00	0.00	3.79	21.57	2.00	0.00	1.00	0.00
3.80	18.88	2.00	0.00	1.00	0.00	3.81	17.58	2.00	0.00	1.00	0.00
3.82	15.82	2.00	0.00	1.00	0.00	3.83	15.01	2.00	0.00	1.00	0.00
3.84	14.04	2.00	0.00	1.00	0.00	3.85	13.07	2.00	0.00	1.00	0.00
3.86	12.41	2.00	0.00	1.00	0.00	3.87	11.74	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	10.57	2.00	0.00	1.00	0.00	3.89	10.40	2.00	0.00	1.00	0.00
3.90	10.07	2.00	0.00	1.00	0.00	3.91	10.07	2.00	0.00	1.00	0.00
3.92	10.07	2.00	0.00	1.00	0.00	3.93	9.06	2.00	0.00	1.00	0.00
3.94	8.56	2.00	0.00	1.00	0.00	3.95	8.22	2.00	0.00	1.00	0.00
3.96	7.89	2.00	0.00	1.00	0.00	3.97	7.72	2.00	0.00	1.00	0.00
3.98	7.38	2.00	0.00	1.00	0.00	3.99	7.21	2.00	0.00	1.00	0.00
4.00	6.71	2.00	0.00	1.00	0.00	4.01	6.54	2.00	0.00	1.00	0.00
4.02	6.21	2.00	0.00	1.00	0.00	4.03	6.04	2.00	0.00	1.00	0.00
4.04	5.87	2.00	0.00	1.00	0.00	4.05	5.70	2.00	0.00	1.00	0.00
4.06	5.54	2.00	0.00	1.00	0.00	4.07	5.37	2.00	0.00	1.00	0.00
4.08	5.37	2.00	0.00	1.00	0.00	4.09	5.03	2.00	0.00	1.00	0.00
4.10	5.03	2.00	0.00	1.00	0.00	4.11	5.03	2.00	0.00	1.00	0.00
4.12	5.03	2.00	0.00	1.00	0.00	4.13	5.20	2.00	0.00	1.00	0.00
4.14	5.68	2.00	0.00	1.00	0.00	4.15	6.82	2.00	0.00	1.00	0.00
4.16	7.94	2.00	0.00	1.00	0.00	4.17	9.22	2.00	0.00	1.00	0.00
4.18	8.41	2.00	0.00	1.00	0.00	4.19	8.09	2.00	0.00	1.00	0.00
4.20	7.60	2.00	0.00	1.00	0.00	4.21	7.43	2.00	0.00	1.00	0.00
4.22	6.94	2.00	0.00	1.00	0.00	4.23	6.13	2.00	0.00	1.00	0.00
4.24	5.64	2.00	0.00	1.00	0.00	4.25	5.47	2.00	0.00	1.00	0.00
4.26	5.14	2.00	0.00	1.00	0.00	4.27	5.14	2.00	0.00	1.00	0.00
4.28	5.13	2.00	0.00	1.00	0.00	4.29	5.13	2.00	0.00	1.00	0.00
4.30	4.96	2.00	0.00	1.00	0.00	4.31	4.96	2.00	0.00	1.00	0.00
4.32	4.96	2.00	0.00	1.00	0.00	4.33	4.95	2.00	0.00	1.00	0.00
4.34	4.95	2.00	0.00	1.00	0.00	4.35	4.78	2.00	0.00	1.00	0.00
4.36	4.62	2.00	0.00	1.00	0.00	4.37	4.61	2.00	0.00	1.00	0.00
4.38	4.61	2.00	0.00	1.00	0.00	4.39	4.45	2.00	0.00	1.00	0.00
4.40	4.60	2.00	0.00	1.00	0.00	4.41	4.60	2.00	0.00	1.00	0.00
4.42	4.60	2.00	0.00	1.00	0.00	4.43	4.76	2.00	0.00	1.00	0.00
4.44	5.08	2.00	0.00	1.00	0.00	4.45	8.26	2.00	0.00	1.00	0.00
4.46	12.67	2.00	0.00	1.00	0.00	4.47	71.10	0.42	4.48	1.00	0.04
4.48	73.96	0.43	4.32	1.00	0.04	4.49	74.68	0.44	4.28	1.00	0.04
4.50	74.34	0.44	4.30	1.00	0.04	4.51	72.55	0.43	4.40	1.00	0.04
4.52	67.78	0.41	4.69	1.00	0.05	4.53	65.64	0.40	4.83	1.00	0.05
4.54	61.14	0.38	5.15	1.00	0.05	4.55	60.99	0.38	5.16	1.00	0.05
4.56	60.55	0.38	5.19	1.00	0.05	4.57	61.13	0.38	5.15	1.00	0.05
4.58	62.61	0.39	5.04	1.00	0.05	4.59	65.31	0.40	4.85	1.00	0.05
4.60	69.79	0.42	4.56	1.00	0.05	4.61	74.90	0.44	4.27	1.00	0.04
4.62	81.31	0.46	3.95	1.00	0.04	4.63	81.49	0.46	3.94	1.00	0.04
4.64	83.14	0.47	3.86	1.00	0.04	4.65	82.05	0.47	3.91	1.00	0.04
4.66	80.09	0.46	4.00	1.00	0.04	4.67	77.65	0.45	4.13	1.00	0.04
4.68	18.13	2.00	0.00	1.00	0.00	4.69	15.56	2.00	0.00	1.00	0.00
4.70	13.88	2.00	0.00	1.00	0.00	4.71	12.66	2.00	0.00	1.00	0.00
4.72	10.53	2.00	0.00	1.00	0.00	4.73	9.60	2.00	0.00	1.00	0.00
4.74	8.37	2.00	0.00	1.00	0.00	4.75	7.44	2.00	0.00	1.00	0.00
4.76	6.81	2.00	0.00	1.00	0.00	4.77	6.34	2.00	0.00	1.00	0.00
4.78	6.18	2.00	0.00	1.00	0.00	4.79	5.71	2.00	0.00	1.00	0.00
4.80	5.70	2.00	0.00	1.00	0.00	4.81	5.70	2.00	0.00	1.00	0.00
4.82	5.70	2.00	0.00	1.00	0.00	4.83	5.69	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	5.69	2.00	0.00	1.00	0.00	4.85	5.53	2.00	0.00	1.00	0.00
4.86	5.52	2.00	0.00	1.00	0.00	4.87	5.52	2.00	0.00	1.00	0.00
4.88	5.67	2.00	0.00	1.00	0.00	4.89	5.51	2.00	0.00	1.00	0.00
4.90	5.66	2.00	0.00	1.00	0.00	4.91	5.66	2.00	0.00	1.00	0.00
4.92	5.65	2.00	0.00	1.00	0.00	4.93	5.50	2.00	0.00	1.00	0.00
4.94	5.49	2.00	0.00	1.00	0.00	4.95	5.49	2.00	0.00	1.00	0.00
4.96	5.49	2.00	0.00	1.00	0.00	4.97	5.48	2.00	0.00	1.00	0.00
4.98	5.48	2.00	0.00	1.00	0.00	4.99	5.63	2.00	0.00	1.00	0.00
5.00	5.62	2.00	0.00	1.00	0.00	5.01	5.77	2.00	0.00	1.00	0.00
5.02	5.92	2.00	0.00	1.00	0.00	5.03	5.92	2.00	0.00	1.00	0.00
5.04	5.91	2.00	0.00	1.00	0.00	5.05	5.91	2.00	0.00	1.00	0.00
5.06	5.60	2.00	0.00	1.00	0.00	5.07	5.60	2.00	0.00	1.00	0.00
5.08	5.74	2.00	0.00	1.00	0.00	5.09	5.74	2.00	0.00	1.00	0.00
5.10	5.89	2.00	0.00	1.00	0.00	5.11	5.88	2.00	0.00	1.00	0.00
5.12	5.88	2.00	0.00	1.00	0.00	5.13	5.88	2.00	0.00	1.00	0.00
5.14	5.87	2.00	0.00	1.00	0.00	5.15	5.87	2.00	0.00	1.00	0.00
5.16	6.01	2.00	0.00	1.00	0.00	5.17	6.16	2.00	0.00	1.00	0.00
5.18	6.31	2.00	0.00	1.00	0.00	5.19	6.61	2.00	0.00	1.00	0.00
5.20	7.05	2.00	0.00	1.00	0.00	5.21	7.50	2.00	0.00	1.00	0.00
5.22	7.79	2.00	0.00	1.00	0.00	5.23	8.23	2.00	0.00	1.00	0.00
5.24	8.67	2.00	0.00	1.00	0.00	5.25	9.55	2.00	0.00	1.00	0.00
5.26	9.84	2.00	0.00	1.00	0.00	5.27	9.98	2.00	0.00	1.00	0.00
5.28	10.27	2.00	0.00	1.00	0.00	5.29	10.41	2.00	0.00	1.00	0.00
5.30	10.25	2.00	0.00	1.00	0.00	5.31	10.24	2.00	0.00	1.00	0.00
5.32	10.38	2.00	0.00	1.00	0.00	5.33	10.23	2.00	0.00	1.00	0.00
5.34	10.22	2.00	0.00	1.00	0.00	5.35	9.92	2.00	0.00	1.00	0.00
5.36	9.91	2.00	0.00	1.00	0.00	5.37	9.76	2.00	0.00	1.00	0.00
5.38	9.61	2.00	0.00	1.00	0.00	5.39	9.45	2.00	0.00	1.00	0.00
5.40	9.30	2.00	0.00	1.00	0.00	5.41	9.15	2.00	0.00	1.00	0.00
5.42	8.85	2.00	0.00	1.00	0.00	5.43	8.69	2.00	0.00	1.00	0.00
5.44	8.54	2.00	0.00	1.00	0.00	5.45	8.39	2.00	0.00	1.00	0.00
5.46	8.38	2.00	0.00	1.00	0.00	5.47	8.23	2.00	0.00	1.00	0.00
5.48	8.22	2.00	0.00	1.00	0.00	5.49	8.07	2.00	0.00	1.00	0.00
5.50	7.92	2.00	0.00	1.00	0.00	5.51	7.91	2.00	0.00	1.00	0.00
5.52	8.05	2.00	0.00	1.00	0.00	5.53	7.75	2.00	0.00	1.00	0.00
5.54	7.60	2.00	0.00	1.00	0.00	5.55	7.45	2.00	0.00	1.00	0.00
5.56	7.15	2.00	0.00	1.00	0.00	5.57	6.86	2.00	0.00	1.00	0.00
5.58	6.71	2.00	0.00	1.00	0.00	5.59	6.55	2.00	0.00	1.00	0.00
5.60	6.40	2.00	0.00	1.00	0.00	5.61	6.40	2.00	0.00	1.00	0.00
5.62	6.25	2.00	0.00	1.00	0.00	5.63	5.95	2.00	0.00	1.00	0.00
5.64	5.95	2.00	0.00	1.00	0.00	5.65	5.94	2.00	0.00	1.00	0.00
5.66	5.94	2.00	0.00	1.00	0.00	5.67	5.94	2.00	0.00	1.00	0.00
5.68	5.93	2.00	0.00	1.00	0.00	5.69	5.78	2.00	0.00	1.00	0.00
5.70	5.63	2.00	0.00	1.00	0.00	5.71	5.63	2.00	0.00	1.00	0.00
5.72	5.34	2.00	0.00	1.00	0.00	5.73	5.33	2.00	0.00	1.00	0.00
5.74	5.48	2.00	0.00	1.00	0.00	5.75	5.62	2.00	0.00	1.00	0.00
5.76	5.91	2.00	0.00	1.00	0.00	5.77	6.05	2.00	0.00	1.00	0.00
5.78	6.19	2.00	0.00	1.00	0.00	5.79	6.33	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	6.33	2.00	0.00	1.00	0.00	5.81	6.47	2.00	0.00	1.00	0.00
5.82	6.47	2.00	0.00	1.00	0.00	5.83	6.61	2.00	0.00	1.00	0.00
5.84	6.60	2.00	0.00	1.00	0.00	5.85	6.60	2.00	0.00	1.00	0.00
5.86	6.60	2.00	0.00	1.00	0.00	5.87	6.59	2.00	0.00	1.00	0.00
5.88	6.44	2.00	0.00	1.00	0.00	5.89	6.44	2.00	0.00	1.00	0.00
5.90	6.29	2.00	0.00	1.00	0.00	5.91	6.29	2.00	0.00	1.00	0.00
5.92	6.29	2.00	0.00	1.00	0.00	5.93	6.28	2.00	0.00	1.00	0.00
5.94	6.71	2.00	0.00	1.00	0.00	5.95	7.42	2.00	0.00	1.00	0.00
5.96	7.99	2.00	0.00	1.00	0.00	5.97	8.56	2.00	0.00	1.00	0.00
5.98	8.99	2.00	0.00	1.00	0.00	5.99	9.27	2.00	0.00	1.00	0.00
6.00	10.11	2.00	0.00	1.00	0.00	6.01	10.81	2.00	0.00	1.00	0.00
6.02	10.94	2.00	0.00	1.00	0.00	6.03	10.92	2.00	0.00	1.00	0.00
6.04	10.91	2.00	0.00	1.00	0.00	6.05	11.04	2.00	0.00	1.00	0.00
6.06	11.03	2.00	0.00	1.00	0.00	6.07	11.02	2.00	0.00	1.00	0.00
6.08	11.29	2.00	0.00	1.00	0.00	6.09	11.70	2.00	0.00	1.00	0.00
6.10	11.69	2.00	0.00	1.00	0.00	6.11	11.40	2.00	0.00	1.00	0.00
6.12	11.53	2.00	0.00	1.00	0.00	6.13	11.66	2.00	0.00	1.00	0.00
6.14	11.79	2.00	0.00	1.00	0.00	6.15	12.06	2.00	0.00	1.00	0.00
6.16	12.19	2.00	0.00	1.00	0.00	6.17	12.32	2.00	0.00	1.00	0.00
6.18	12.17	2.00	0.00	1.00	0.00	6.19	11.89	2.00	0.00	1.00	0.00
6.20	11.60	2.00	0.00	1.00	0.00	6.21	11.32	2.00	0.00	1.00	0.00
6.22	11.45	2.00	0.00	1.00	0.00	6.23	11.44	2.00	0.00	1.00	0.00
6.24	11.02	2.00	0.00	1.00	0.00	6.25	10.87	2.00	0.00	1.00	0.00
6.26	10.73	2.00	0.00	1.00	0.00	6.27	9.89	2.00	0.00	1.00	0.00
6.28	9.89	2.00	0.00	1.00	0.00	6.29	9.19	2.00	0.00	1.00	0.00
6.30	9.05	2.00	0.00	1.00	0.00	6.31	9.04	2.00	0.00	1.00	0.00
6.32	9.45	2.00	0.00	1.00	0.00	6.33	9.99	2.00	0.00	1.00	0.00
6.34	10.81	2.00	0.00	1.00	0.00	6.35	11.48	2.00	0.00	1.00	0.00
6.36	11.89	2.00	0.00	1.00	0.00	6.37	12.57	2.00	0.00	1.00	0.00
6.38	12.56	2.00	0.00	1.00	0.00	6.39	12.55	2.00	0.00	1.00	0.00
6.40	12.68	2.00	0.00	1.00	0.00	6.41	12.94	2.00	0.00	1.00	0.00
6.42	12.94	2.00	0.00	1.00	0.00	6.43	12.65	2.00	0.00	1.00	0.00
6.44	12.51	2.00	0.00	1.00	0.00	6.45	12.63	2.00	0.00	1.00	0.00
6.46	12.49	2.00	0.00	1.00	0.00	6.47	12.48	2.00	0.00	1.00	0.00
6.48	12.46	2.00	0.00	1.00	0.00	6.49	12.45	2.00	0.00	1.00	0.00
6.50	12.44	2.00	0.00	1.00	0.00	6.51	12.43	2.00	0.00	1.00	0.00
6.52	12.29	2.00	0.00	1.00	0.00	6.53	12.28	2.00	0.00	1.00	0.00
6.54	12.27	2.00	0.00	1.00	0.00	6.55	12.53	2.00	0.00	1.00	0.00
6.56	12.79	2.00	0.00	1.00	0.00	6.57	12.65	2.00	0.00	1.00	0.00
6.58	12.51	2.00	0.00	1.00	0.00	6.59	12.36	2.00	0.00	1.00	0.00
6.60	12.22	2.00	0.00	1.00	0.00	6.61	12.21	2.00	0.00	1.00	0.00
6.62	11.80	2.00	0.00	1.00	0.00	6.63	11.66	2.00	0.00	1.00	0.00
6.64	11.52	2.00	0.00	1.00	0.00	6.65	11.38	2.00	0.00	1.00	0.00
6.66	11.23	2.00	0.00	1.00	0.00	6.67	11.09	2.00	0.00	1.00	0.00
6.68	10.95	2.00	0.00	1.00	0.00	6.69	10.94	2.00	0.00	1.00	0.00
6.70	10.67	2.00	0.00	1.00	0.00	6.71	10.66	2.00	0.00	1.00	0.00
6.72	10.52	2.00	0.00	1.00	0.00	6.73	10.38	2.00	0.00	1.00	0.00
6.74	10.24	2.00	0.00	1.00	0.00	6.75	10.23	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	10.23	2.00	0.00	1.00	0.00	6.77	10.22	2.00	0.00	1.00	0.00
6.78	10.35	2.00	0.00	1.00	0.00	6.79	10.34	2.00	0.00	1.00	0.00
6.80	10.33	2.00	0.00	1.00	0.00	6.81	10.46	2.00	0.00	1.00	0.00
6.82	10.85	2.00	0.00	1.00	0.00	6.83	11.11	2.00	0.00	1.00	0.00
6.84	11.23	2.00	0.00	1.00	0.00	6.85	11.23	2.00	0.00	1.00	0.00
6.86	11.35	2.00	0.00	1.00	0.00	6.87	11.61	2.00	0.00	1.00	0.00
6.88	11.87	2.00	0.00	1.00	0.00	6.89	12.26	2.00	0.00	1.00	0.00
6.90	12.38	2.00	0.00	1.00	0.00	6.91	12.37	2.00	0.00	1.00	0.00
6.92	12.37	2.00	0.00	1.00	0.00	6.93	12.88	2.00	0.00	1.00	0.00
6.94	13.14	2.00	0.00	1.00	0.00	6.95	13.26	2.00	0.00	1.00	0.00
6.96	13.38	2.00	0.00	1.00	0.00	6.97	13.37	2.00	0.00	1.00	0.00
6.98	13.36	2.00	0.00	1.00	0.00	6.99	13.09	2.00	0.00	1.00	0.00
7.00	12.68	2.00	0.00	1.00	0.00	7.01	12.15	2.00	0.00	1.00	0.00
7.02	12.01	2.00	0.00	1.00	0.00	7.03	11.74	2.00	0.00	1.00	0.00
7.04	11.47	2.00	0.00	1.00	0.00	7.05	11.34	2.00	0.00	1.00	0.00
7.06	11.07	2.00	0.00	1.00	0.00	7.07	11.06	2.00	0.00	1.00	0.00
7.08	11.18	2.00	0.00	1.00	0.00	7.09	11.30	2.00	0.00	1.00	0.00
7.10	11.43	2.00	0.00	1.00	0.00	7.11	11.55	2.00	0.00	1.00	0.00
7.12	11.67	2.00	0.00	1.00	0.00	7.13	11.66	2.00	0.00	1.00	0.00
7.14	11.65	2.00	0.00	1.00	0.00	7.15	12.16	2.00	0.00	1.00	0.00
7.16	12.28	2.00	0.00	1.00	0.00	7.17	12.28	2.00	0.00	1.00	0.00
7.18	12.40	2.00	0.00	1.00	0.00	7.19	12.78	2.00	0.00	1.00	0.00
7.20	13.16	2.00	0.00	1.00	0.00	7.21	13.40	2.00	0.00	1.00	0.00
7.22	13.52	2.00	0.00	1.00	0.00	7.23	13.51	2.00	0.00	1.00	0.00
7.24	13.50	2.00	0.00	1.00	0.00	7.25	13.75	2.00	0.00	1.00	0.00
7.26	13.87	2.00	0.00	1.00	0.00	7.27	13.86	2.00	0.00	1.00	0.00
7.28	13.59	2.00	0.00	1.00	0.00	7.29	13.46	2.00	0.00	1.00	0.00
7.30	13.32	2.00	0.00	1.00	0.00	7.31	13.18	2.00	0.00	1.00	0.00
7.32	13.17	2.00	0.00	1.00	0.00	7.33	13.04	2.00	0.00	1.00	0.00
7.34	12.39	2.00	0.00	1.00	0.00	7.35	12.13	2.00	0.00	1.00	0.00
7.36	11.86	2.00	0.00	1.00	0.00	7.37	11.73	2.00	0.00	1.00	0.00
7.38	11.46	2.00	0.00	1.00	0.00	7.39	11.33	2.00	0.00	1.00	0.00
7.40	11.19	2.00	0.00	1.00	0.00	7.41	11.06	2.00	0.00	1.00	0.00
7.42	10.92	2.00	0.00	1.00	0.00	7.43	10.92	2.00	0.00	1.00	0.00
7.44	11.04	2.00	0.00	1.00	0.00	7.45	10.90	2.00	0.00	1.00	0.00
7.46	10.89	2.00	0.00	1.00	0.00	7.47	10.89	2.00	0.00	1.00	0.00
7.48	11.01	2.00	0.00	1.00	0.00	7.49	11.00	2.00	0.00	1.00	0.00
7.50	11.37	2.00	0.00	1.00	0.00	7.51	11.62	2.00	0.00	1.00	0.00
7.52	11.74	2.00	0.00	1.00	0.00	7.53	11.73	2.00	0.00	1.00	0.00
7.54	11.72	2.00	0.00	1.00	0.00	7.55	11.59	2.00	0.00	1.00	0.00
7.56	11.58	2.00	0.00	1.00	0.00	7.57	11.57	2.00	0.00	1.00	0.00
7.58	11.56	2.00	0.00	1.00	0.00	7.59	11.56	2.00	0.00	1.00	0.00
7.60	11.42	2.00	0.00	1.00	0.00	7.61	11.29	2.00	0.00	1.00	0.00
7.62	11.16	2.00	0.00	1.00	0.00	7.63	11.15	2.00	0.00	1.00	0.00
7.64	11.14	2.00	0.00	1.00	0.00	7.65	11.26	2.00	0.00	1.00	0.00
7.66	11.51	2.00	0.00	1.00	0.00	7.67	11.50	2.00	0.00	1.00	0.00
7.68	11.49	2.00	0.00	1.00	0.00	7.69	11.73	2.00	0.00	1.00	0.00
7.70	11.98	2.00	0.00	1.00	0.00	7.71	12.22	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	12.59	2.00	0.00	1.00	0.00	7.73	12.95	2.00	0.00	1.00	0.00
7.74	12.94	2.00	0.00	1.00	0.00	7.75	13.06	2.00	0.00	1.00	0.00
7.76	13.05	2.00	0.00	1.00	0.00	7.77	13.29	2.00	0.00	1.00	0.00
7.78	13.28	2.00	0.00	1.00	0.00	7.79	13.03	2.00	0.00	1.00	0.00
7.80	13.02	2.00	0.00	1.00	0.00	7.81	12.64	2.00	0.00	1.00	0.00
7.82	12.13	2.00	0.00	1.00	0.00	7.83	11.88	2.00	0.00	1.00	0.00
7.84	11.62	2.00	0.00	1.00	0.00	7.85	11.37	2.00	0.00	1.00	0.00
7.86	11.24	2.00	0.00	1.00	0.00	7.87	10.86	2.00	0.00	1.00	0.00
7.88	10.48	2.00	0.00	1.00	0.00	7.89	10.35	2.00	0.00	1.00	0.00
7.90	10.09	2.00	0.00	1.00	0.00	7.91	10.09	2.00	0.00	1.00	0.00
7.92	10.08	2.00	0.00	1.00	0.00	7.93	9.95	2.00	0.00	1.00	0.00
7.94	10.07	2.00	0.00	1.00	0.00	7.95	10.31	2.00	0.00	1.00	0.00
7.96	10.43	2.00	0.00	1.00	0.00	7.97	10.79	2.00	0.00	1.00	0.00
7.98	10.91	2.00	0.00	1.00	0.00	7.99	11.02	2.00	0.00	1.00	0.00
8.00	11.02	2.00	0.00	1.00	0.00	8.01	11.25	2.00	0.00	1.00	0.00
8.02	11.25	2.00	0.00	1.00	0.00	8.03	11.24	2.00	0.00	1.00	0.00
8.04	11.23	2.00	0.00	1.00	0.00	8.05	11.35	2.00	0.00	1.00	0.00
8.06	11.22	2.00	0.00	1.00	0.00	8.07	11.21	2.00	0.00	1.00	0.00
8.08	11.21	2.00	0.00	1.00	0.00	8.09	11.20	2.00	0.00	1.00	0.00
8.10	11.19	2.00	0.00	1.00	0.00	8.11	11.19	2.00	0.00	1.00	0.00
8.12	11.43	2.00	0.00	1.00	0.00	8.13	11.54	2.00	0.00	1.00	0.00
8.14	11.53	2.00	0.00	1.00	0.00	8.15	11.77	2.00	0.00	1.00	0.00
8.16	11.88	2.00	0.00	1.00	0.00	8.17	12.00	2.00	0.00	1.00	0.00
8.18	12.36	2.00	0.00	1.00	0.00	8.19	13.08	2.00	0.00	1.00	0.00
8.20	13.44	2.00	0.00	1.00	0.00	8.21	13.67	2.00	0.00	1.00	0.00
8.22	13.90	2.00	0.00	1.00	0.00	8.23	14.26	2.00	0.00	1.00	0.00
8.24	14.37	2.00	0.00	1.00	0.00	8.25	14.60	2.00	0.00	1.00	0.00
8.26	14.59	2.00	0.00	1.00	0.00	8.27	14.70	2.00	0.00	1.00	0.00
8.28	14.94	2.00	0.00	1.00	0.00	8.29	15.05	2.00	0.00	1.00	0.00
8.30	15.16	2.00	0.00	1.00	0.00	8.31	15.39	2.00	0.00	1.00	0.00
8.32	15.62	2.00	0.00	1.00	0.00	8.33	15.85	2.00	0.00	1.00	0.00
8.34	17.27	2.00	0.00	1.00	0.00	8.35	17.73	2.00	0.00	1.00	0.00
8.36	18.08	2.00	0.00	1.00	0.00	8.37	17.95	2.00	0.00	1.00	0.00
8.38	17.70	2.00	0.00	1.00	0.00	8.39	17.33	2.00	0.00	1.00	0.00
8.40	16.72	2.00	0.00	1.00	0.00	8.41	16.59	2.00	0.00	1.00	0.00
8.42	16.46	2.00	0.00	1.00	0.00	8.43	16.45	2.00	0.00	1.00	0.00
8.44	16.32	2.00	0.00	1.00	0.00	8.45	16.19	2.00	0.00	1.00	0.00
8.46	15.59	2.00	0.00	1.00	0.00	8.47	15.34	2.00	0.00	1.00	0.00
8.48	15.21	2.00	0.00	1.00	0.00	8.49	15.20	2.00	0.00	1.00	0.00
8.50	15.19	2.00	0.00	1.00	0.00	8.51	15.19	2.00	0.00	1.00	0.00
8.52	15.18	2.00	0.00	1.00	0.00	8.53	15.28	2.00	0.00	1.00	0.00
8.54	15.16	2.00	0.00	1.00	0.00	8.55	14.91	2.00	0.00	1.00	0.00
8.56	14.66	2.00	0.00	1.00	0.00	8.57	14.42	2.00	0.00	1.00	0.00
8.58	14.41	2.00	0.00	1.00	0.00	8.59	14.40	2.00	0.00	1.00	0.00
8.60	14.39	2.00	0.00	1.00	0.00	8.61	14.74	2.00	0.00	1.00	0.00
8.62	14.96	2.00	0.00	1.00	0.00	8.63	15.07	2.00	0.00	1.00	0.00
8.64	14.94	2.00	0.00	1.00	0.00	8.65	14.82	2.00	0.00	1.00	0.00
8.66	14.46	2.00	0.00	1.00	0.00	8.67	14.45	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	14.32	2.00	0.00	1.00	0.00	8.69	14.43	2.00	0.00	1.00	0.00
8.70	14.77	2.00	0.00	1.00	0.00	8.71	14.88	2.00	0.00	1.00	0.00
8.72	14.99	2.00	0.00	1.00	0.00	8.73	15.45	2.00	0.00	1.00	0.00
8.74	15.56	2.00	0.00	1.00	0.00	8.75	16.13	2.00	0.00	1.00	0.00
8.76	17.75	2.00	0.00	1.00	0.00	8.77	18.44	2.00	0.00	1.00	0.00
8.78	18.67	2.00	0.00	1.00	0.00	8.79	18.77	2.00	0.00	1.00	0.00
8.80	18.76	2.00	0.00	1.00	0.00	8.81	18.75	2.00	0.00	1.00	0.00
8.82	18.39	2.00	0.00	1.00	0.00	8.83	18.15	2.00	0.00	1.00	0.00
8.84	18.02	2.00	0.00	1.00	0.00	8.85	17.20	2.00	0.00	1.00	0.00
8.86	16.83	2.00	0.00	1.00	0.00	8.87	16.36	2.00	0.00	1.00	0.00
8.88	15.77	2.00	0.00	1.00	0.00	8.89	15.30	2.00	0.00	1.00	0.00
8.90	14.71	2.00	0.00	1.00	0.00	8.91	14.70	2.00	0.00	1.00	0.00
8.92	14.69	2.00	0.00	1.00	0.00	8.93	13.53	2.00	0.00	1.00	0.00
8.94	13.40	2.00	0.00	1.00	0.00	8.95	12.70	2.00	0.00	1.00	0.00
8.96	12.46	2.00	0.00	1.00	0.00	8.97	12.22	2.00	0.00	1.00	0.00
8.98	12.10	2.00	0.00	1.00	0.00	8.99	11.97	2.00	0.00	1.00	0.00
9.00	11.74	2.00	0.00	1.00	0.00	9.01	11.38	2.00	0.00	1.00	0.00
9.02	11.26	2.00	0.00	1.00	0.00	9.03	11.14	2.00	0.00	1.00	0.00
9.04	11.13	2.00	0.00	1.00	0.00	9.05	11.24	2.00	0.00	1.00	0.00
9.06	11.23	2.00	0.00	1.00	0.00	9.07	11.34	2.00	0.00	1.00	0.00
9.08	11.68	2.00	0.00	1.00	0.00	9.09	11.79	2.00	0.00	1.00	0.00
9.10	11.78	2.00	0.00	1.00	0.00	9.11	11.78	2.00	0.00	1.00	0.00
9.12	12.00	2.00	0.00	1.00	0.00	9.13	12.34	2.00	0.00	1.00	0.00
9.14	12.56	2.00	0.00	1.00	0.00	9.15	12.67	2.00	0.00	1.00	0.00
9.16	12.55	2.00	0.00	1.00	0.00	9.17	12.66	2.00	0.00	1.00	0.00
9.18	12.65	2.00	0.00	1.00	0.00	9.19	12.53	2.00	0.00	1.00	0.00
9.20	12.52	2.00	0.00	1.00	0.00	9.21	12.51	2.00	0.00	1.00	0.00
9.22	12.62	2.00	0.00	1.00	0.00	9.23	12.27	2.00	0.00	1.00	0.00
9.24	12.26	2.00	0.00	1.00	0.00	9.25	12.60	2.00	0.00	1.00	0.00
9.26	12.48	2.00	0.00	1.00	0.00	9.27	12.47	2.00	0.00	1.00	0.00
9.28	12.58	2.00	0.00	1.00	0.00	9.29	12.68	2.00	0.00	1.00	0.00
9.30	12.68	2.00	0.00	1.00	0.00	9.31	13.01	2.00	0.00	1.00	0.00
9.32	13.12	2.00	0.00	1.00	0.00	9.33	13.34	2.00	0.00	1.00	0.00
9.34	13.56	2.00	0.00	1.00	0.00	9.35	13.78	2.00	0.00	1.00	0.00
9.36	13.88	2.00	0.00	1.00	0.00	9.37	13.87	2.00	0.00	1.00	0.00
9.38	13.98	2.00	0.00	1.00	0.00	9.39	13.97	2.00	0.00	1.00	0.00
9.40	14.08	2.00	0.00	1.00	0.00	9.41	14.18	2.00	0.00	1.00	0.00
9.42	14.17	2.00	0.00	1.00	0.00	9.43	14.16	2.00	0.00	1.00	0.00
9.44	14.04	2.00	0.00	1.00	0.00	9.45	14.04	2.00	0.00	1.00	0.00
9.46	13.92	2.00	0.00	1.00	0.00	9.47	13.91	2.00	0.00	1.00	0.00
9.48	13.67	2.00	0.00	1.00	0.00	9.49	13.67	2.00	0.00	1.00	0.00
9.50	13.66	2.00	0.00	1.00	0.00	9.51	13.54	2.00	0.00	1.00	0.00
9.52	13.53	2.00	0.00	1.00	0.00	9.53	13.30	2.00	0.00	1.00	0.00
9.54	12.95	2.00	0.00	1.00	0.00	9.55	12.84	2.00	0.00	1.00	0.00
9.56	12.72	2.00	0.00	1.00	0.00	9.57	12.60	2.00	0.00	1.00	0.00
9.58	12.48	2.00	0.00	1.00	0.00	9.59	12.47	2.00	0.00	1.00	0.00
9.60	12.57	2.00	0.00	1.00	0.00	9.61	12.68	2.00	0.00	1.00	0.00
9.62	12.78	2.00	0.00	1.00	0.00	9.63	12.78	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.77	2.00	0.00	1.00	0.00	9.65	12.65	2.00	0.00	1.00	0.00
9.66	12.42	2.00	0.00	1.00	0.00	9.67	12.08	2.00	0.00	1.00	0.00
9.68	11.96	2.00	0.00	1.00	0.00	9.69	11.73	2.00	0.00	1.00	0.00
9.70	11.61	2.00	0.00	1.00	0.00	9.71	11.27	2.00	0.00	1.00	0.00
9.72	11.27	2.00	0.00	1.00	0.00	9.73	11.26	2.00	0.00	1.00	0.00
9.74	11.25	2.00	0.00	1.00	0.00	9.75	11.25	2.00	0.00	1.00	0.00
9.76	11.24	2.00	0.00	1.00	0.00	9.77	11.23	2.00	0.00	1.00	0.00
9.78	11.34	2.00	0.00	1.00	0.00	9.79	11.56	2.00	0.00	1.00	0.00
9.80	11.88	2.00	0.00	1.00	0.00	9.81	12.43	2.00	0.00	1.00	0.00
9.82	12.65	2.00	0.00	1.00	0.00	9.83	12.64	2.00	0.00	1.00	0.00
9.84	12.85	2.00	0.00	1.00	0.00	9.85	12.74	2.00	0.00	1.00	0.00
9.86	12.62	2.00	0.00	1.00	0.00	9.87	12.50	2.00	0.00	1.00	0.00
9.88	12.05	2.00	0.00	1.00	0.00	9.89	12.05	2.00	0.00	1.00	0.00
9.90	12.04	2.00	0.00	1.00	0.00	9.91	12.03	2.00	0.00	1.00	0.00
9.92	12.03	2.00	0.00	1.00	0.00	9.93	11.69	2.00	0.00	1.00	0.00
9.94	11.79	2.00	0.00	1.00	0.00	9.95	11.79	2.00	0.00	1.00	0.00
9.96	11.89	2.00	0.00	1.00	0.00	9.97	11.78	2.00	0.00	1.00	0.00
9.98	11.99	2.00	0.00	1.00	0.00	9.99	12.09	2.00	0.00	1.00	0.00
10.00	11.98	2.00	0.00	1.00	0.00	10.01	12.30	2.00	0.00	1.00	0.00
10.02	12.40	2.00	0.00	1.00	0.00	10.03	12.51	2.00	0.00	1.00	0.00
10.04	12.50	2.00	0.00	1.00	0.00	10.05	12.49	2.00	0.00	1.00	0.00
10.06	12.82	2.00	0.00	1.00	0.00	10.07	12.92	2.00	0.00	1.00	0.00
10.08	12.80	2.00	0.00	1.00	0.00	10.09	13.01	2.00	0.00	1.00	0.00
10.10	13.12	2.00	0.00	1.00	0.00	10.11	13.11	2.00	0.00	1.00	0.00
10.12	13.21	2.00	0.00	1.00	0.00	10.13	13.31	2.00	0.00	1.00	0.00
10.14	13.31	2.00	0.00	1.00	0.00	10.15	13.41	2.00	0.00	1.00	0.00
10.16	13.40	2.00	0.00	1.00	0.00	10.17	13.40	2.00	0.00	1.00	0.00
10.18	13.17	2.00	0.00	1.00	0.00	10.19	13.05	2.00	0.00	1.00	0.00
10.20	13.05	2.00	0.00	1.00	0.00	10.21	13.04	2.00	0.00	1.00	0.00
10.22	12.93	2.00	0.00	1.00	0.00	10.23	13.03	2.00	0.00	1.00	0.00
10.24	13.02	2.00	0.00	1.00	0.00	10.25	12.80	2.00	0.00	1.00	0.00
10.26	12.68	2.00	0.00	1.00	0.00	10.27	12.46	2.00	0.00	1.00	0.00
10.28	12.34	2.00	0.00	1.00	0.00	10.29	12.23	2.00	0.00	1.00	0.00
10.30	12.11	2.00	0.00	1.00	0.00	10.31	12.11	2.00	0.00	1.00	0.00
10.32	12.10	2.00	0.00	1.00	0.00	10.33	12.20	2.00	0.00	1.00	0.00
10.34	12.41	2.00	0.00	1.00	0.00	10.35	12.41	2.00	0.00	1.00	0.00
10.36	12.40	2.00	0.00	1.00	0.00	10.37	12.39	2.00	0.00	1.00	0.00
10.38	12.60	2.00	0.00	1.00	0.00	10.39	12.70	2.00	0.00	1.00	0.00
10.40	12.70	2.00	0.00	1.00	0.00	10.41	12.69	2.00	0.00	1.00	0.00
10.42	12.68	2.00	0.00	1.00	0.00	10.43	12.79	2.00	0.00	1.00	0.00
10.44	12.56	2.00	0.00	1.00	0.00	10.45	12.56	2.00	0.00	1.00	0.00
10.46	12.55	2.00	0.00	1.00	0.00	10.47	12.65	2.00	0.00	1.00	0.00
10.48	12.54	2.00	0.00	1.00	0.00	10.49	12.42	2.00	0.00	1.00	0.00
10.50	12.42	2.00	0.00	1.00	0.00	10.51	12.41	2.00	0.00	1.00	0.00
10.52	12.51	2.00	0.00	1.00	0.00	10.53	12.40	2.00	0.00	1.00	0.00
10.54	12.39	2.00	0.00	1.00	0.00	10.55	12.49	2.00	0.00	1.00	0.00
10.56	12.49	2.00	0.00	1.00	0.00	10.57	12.48	2.00	0.00	1.00	0.00
10.58	12.58	2.00	0.00	1.00	0.00	10.59	12.57	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	12.36	2.00	0.00	1.00	0.00	10.61	12.24	2.00	0.00	1.00	0.00
10.62	12.13	2.00	0.00	1.00	0.00	10.63	12.12	2.00	0.00	1.00	0.00
10.64	12.01	2.00	0.00	1.00	0.00	10.65	11.90	2.00	0.00	1.00	0.00
10.66	11.79	2.00	0.00	1.00	0.00	10.67	11.67	2.00	0.00	1.00	0.00
10.68	11.67	2.00	0.00	1.00	0.00	10.69	11.66	2.00	0.00	1.00	0.00
10.70	11.44	2.00	0.00	1.00	0.00	10.71	11.54	2.00	0.00	1.00	0.00
10.72	11.64	2.00	0.00	1.00	0.00	10.73	11.64	2.00	0.00	1.00	0.00
10.74	11.42	2.00	0.00	1.00	0.00	10.75	11.41	2.00	0.00	1.00	0.00
10.76	11.41	2.00	0.00	1.00	0.00	10.77	11.30	2.00	0.00	1.00	0.00
10.78	11.40	2.00	0.00	1.00	0.00	10.79	11.39	2.00	0.00	1.00	0.00
10.80	11.28	2.00	0.00	1.00	0.00	10.81	11.38	2.00	0.00	1.00	0.00
10.82	11.59	2.00	0.00	1.00	0.00	10.83	11.69	2.00	0.00	1.00	0.00
10.84	11.89	2.00	0.00	1.00	0.00	10.85	11.99	2.00	0.00	1.00	0.00
10.86	12.20	2.00	0.00	1.00	0.00	10.87	12.29	2.00	0.00	1.00	0.00
10.88	12.39	2.00	0.00	1.00	0.00	10.89	12.49	2.00	0.00	1.00	0.00
10.90	12.49	2.00	0.00	1.00	0.00	10.91	12.48	2.00	0.00	1.00	0.00
10.92	12.47	2.00	0.00	1.00	0.00	10.93	12.36	2.00	0.00	1.00	0.00
10.94	12.67	2.00	0.00	1.00	0.00	10.95	12.88	2.00	0.00	1.00	0.00
10.96	13.19	2.00	0.00	1.00	0.00	10.97	13.39	2.00	0.00	1.00	0.00
10.98	13.28	2.00	0.00	1.00	0.00	10.99	13.17	2.00	0.00	1.00	0.00
11.00	13.58	2.00	0.00	1.00	0.00	11.01	13.57	2.00	0.00	1.00	0.00
11.02	13.56	2.00	0.00	1.00	0.00	11.03	13.56	2.00	0.00	1.00	0.00
11.04	13.55	2.00	0.00	1.00	0.00	11.05	13.75	2.00	0.00	1.00	0.00
11.06	13.75	2.00	0.00	1.00	0.00	11.07	13.64	2.00	0.00	1.00	0.00
11.08	13.42	2.00	0.00	1.00	0.00	11.09	13.31	2.00	0.00	1.00	0.00
11.10	13.20	2.00	0.00	1.00	0.00	11.11	13.30	2.00	0.00	1.00	0.00
11.12	13.29	2.00	0.00	1.00	0.00	11.13	13.39	2.00	0.00	1.00	0.00
11.14	13.07	2.00	0.00	1.00	0.00	11.15	12.96	2.00	0.00	1.00	0.00
11.16	12.85	2.00	0.00	1.00	0.00	11.17	12.74	2.00	0.00	1.00	0.00
11.18	12.63	2.00	0.00	1.00	0.00	11.19	12.52	2.00	0.00	1.00	0.00
11.20	12.51	2.00	0.00	1.00	0.00	11.21	12.40	2.00	0.00	1.00	0.00
11.22	12.39	2.00	0.00	1.00	0.00	11.23	12.28	2.00	0.00	1.00	0.00
11.24	11.86	2.00	0.00	1.00	0.00	11.25	11.65	2.00	0.00	1.00	0.00
11.26	11.54	2.00	0.00	1.00	0.00	11.27	11.43	2.00	0.00	1.00	0.00
11.28	11.32	2.00	0.00	1.00	0.00	11.29	11.21	2.00	0.00	1.00	0.00
11.30	11.10	2.00	0.00	1.00	0.00	11.31	11.10	2.00	0.00	1.00	0.00
11.32	11.09	2.00	0.00	1.00	0.00	11.33	10.99	2.00	0.00	1.00	0.00
11.34	10.88	2.00	0.00	1.00	0.00	11.35	10.87	2.00	0.00	1.00	0.00
11.36	10.66	2.00	0.00	1.00	0.00	11.37	10.45	2.00	0.00	1.00	0.00
11.38	10.24	2.00	0.00	1.00	0.00	11.39	9.92	2.00	0.00	1.00	0.00
11.40	9.61	2.00	0.00	1.00	0.00	11.41	9.40	2.00	0.00	1.00	0.00
11.42	9.39	2.00	0.00	1.00	0.00	11.43	9.29	2.00	0.00	1.00	0.00
11.44	8.87	2.00	0.00	1.00	0.00	11.45	8.76	2.00	0.00	1.00	0.00
11.46	8.86	2.00	0.00	1.00	0.00	11.47	8.86	2.00	0.00	1.00	0.00
11.48	8.75	2.00	0.00	1.00	0.00	11.49	8.95	2.00	0.00	1.00	0.00
11.50	9.15	2.00	0.00	1.00	0.00	11.51	9.36	2.00	0.00	1.00	0.00
11.52	9.56	2.00	0.00	1.00	0.00	11.53	9.65	2.00	0.00	1.00	0.00
11.54	9.75	2.00	0.00	1.00	0.00	11.55	9.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	9.64	2.00	0.00	1.00	0.00	11.57	9.54	2.00	0.00	1.00	0.00
11.58	9.63	2.00	0.00	1.00	0.00	11.59	9.83	2.00	0.00	1.00	0.00
11.60	9.93	2.00	0.00	1.00	0.00	11.61	10.13	2.00	0.00	1.00	0.00
11.62	10.33	2.00	0.00	1.00	0.00	11.63	10.53	2.00	0.00	1.00	0.00
11.64	10.63	2.00	0.00	1.00	0.00	11.65	10.83	2.00	0.00	1.00	0.00
11.66	11.03	2.00	0.00	1.00	0.00	11.67	11.43	2.00	0.00	1.00	0.00
11.68	11.93	2.00	0.00	1.00	0.00	11.69	12.03	2.00	0.00	1.00	0.00
11.70	12.02	2.00	0.00	1.00	0.00	11.71	11.81	2.00	0.00	1.00	0.00
11.72	11.50	2.00	0.00	1.00	0.00	11.73	11.29	2.00	0.00	1.00	0.00
11.74	11.09	2.00	0.00	1.00	0.00	11.75	10.78	2.00	0.00	1.00	0.00
11.76	10.47	2.00	0.00	1.00	0.00	11.77	10.26	2.00	0.00	1.00	0.00
11.78	9.95	2.00	0.00	1.00	0.00	11.79	9.64	2.00	0.00	1.00	0.00
11.80	9.54	2.00	0.00	1.00	0.00	11.81	9.43	2.00	0.00	1.00	0.00
11.82	9.23	2.00	0.00	1.00	0.00	11.83	9.12	2.00	0.00	1.00	0.00
11.84	9.12	2.00	0.00	1.00	0.00	11.85	9.11	2.00	0.00	1.00	0.00
11.86	9.11	2.00	0.00	1.00	0.00	11.87	9.10	2.00	0.00	1.00	0.00
11.88	9.10	2.00	0.00	1.00	0.00	11.89	9.10	2.00	0.00	1.00	0.00
11.90	9.09	2.00	0.00	1.00	0.00	11.91	9.09	2.00	0.00	1.00	0.00
11.92	9.08	2.00	0.00	1.00	0.00	11.93	9.79	2.00	0.00	1.00	0.00
11.94	10.09	2.00	0.00	1.00	0.00	11.95	9.68	2.00	0.00	1.00	0.00
11.96	9.68	2.00	0.00	1.00	0.00	11.97	9.67	2.00	0.00	1.00	0.00
11.98	9.57	2.00	0.00	1.00	0.00	11.99	9.66	2.00	0.00	1.00	0.00
12.00	9.96	2.00	0.00	1.00	0.00	12.01	10.06	2.00	0.00	1.00	0.00
12.02	10.05	2.00	0.00	1.00	0.00	12.03	10.25	2.00	0.00	1.00	0.00
12.04	9.85	2.00	0.00	1.00	0.00	12.05	9.64	2.00	0.00	1.00	0.00
12.06	9.34	2.00	0.00	1.00	0.00	12.07	9.33	2.00	0.00	1.00	0.00
12.08	9.33	2.00	0.00	1.00	0.00	12.09	9.33	2.00	0.00	1.00	0.00
12.10	9.12	2.00	0.00	1.00	0.00	12.11	9.12	2.00	0.00	1.00	0.00
12.12	9.31	2.00	0.00	1.00	0.00	12.13	9.31	2.00	0.00	1.00	0.00
12.14	9.01	2.00	0.00	1.00	0.00	12.15	9.00	2.00	0.00	1.00	0.00
12.16	9.10	2.00	0.00	1.00	0.00	12.17	9.20	2.00	0.00	1.00	0.00
12.18	9.09	2.00	0.00	1.00	0.00	12.19	8.99	2.00	0.00	1.00	0.00
12.20	8.99	2.00	0.00	1.00	0.00	12.21	8.88	2.00	0.00	1.00	0.00
12.22	8.98	2.00	0.00	1.00	0.00	12.23	9.17	2.00	0.00	1.00	0.00
12.24	9.27	2.00	0.00	1.00	0.00	12.25	9.27	2.00	0.00	1.00	0.00
12.26	9.26	2.00	0.00	1.00	0.00	12.27	9.36	2.00	0.00	1.00	0.00
12.28	9.45	2.00	0.00	1.00	0.00	12.29	9.45	2.00	0.00	1.00	0.00
12.30	9.44	2.00	0.00	1.00	0.00	12.31	9.44	2.00	0.00	1.00	0.00
12.32	9.54	2.00	0.00	1.00	0.00	12.33	9.43	2.00	0.00	1.00	0.00
12.34	9.33	2.00	0.00	1.00	0.00	12.35	9.23	2.00	0.00	1.00	0.00
12.36	9.12	2.00	0.00	1.00	0.00	12.37	8.82	2.00	0.00	1.00	0.00
12.38	8.82	2.00	0.00	1.00	0.00	12.39	8.72	2.00	0.00	1.00	0.00
12.40	8.51	2.00	0.00	1.00	0.00	12.41	8.41	2.00	0.00	1.00	0.00
12.42	8.01	2.00	0.00	1.00	0.00	12.43	7.91	2.00	0.00	1.00	0.00
12.44	7.81	2.00	0.00	1.00	0.00	12.45	7.71	2.00	0.00	1.00	0.00
12.46	7.70	2.00	0.00	1.00	0.00	12.47	7.80	2.00	0.00	1.00	0.00
12.48	7.89	2.00	0.00	1.00	0.00	12.49	7.99	2.00	0.00	1.00	0.00
12.50	8.18	2.00	0.00	1.00	0.00	12.51	8.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

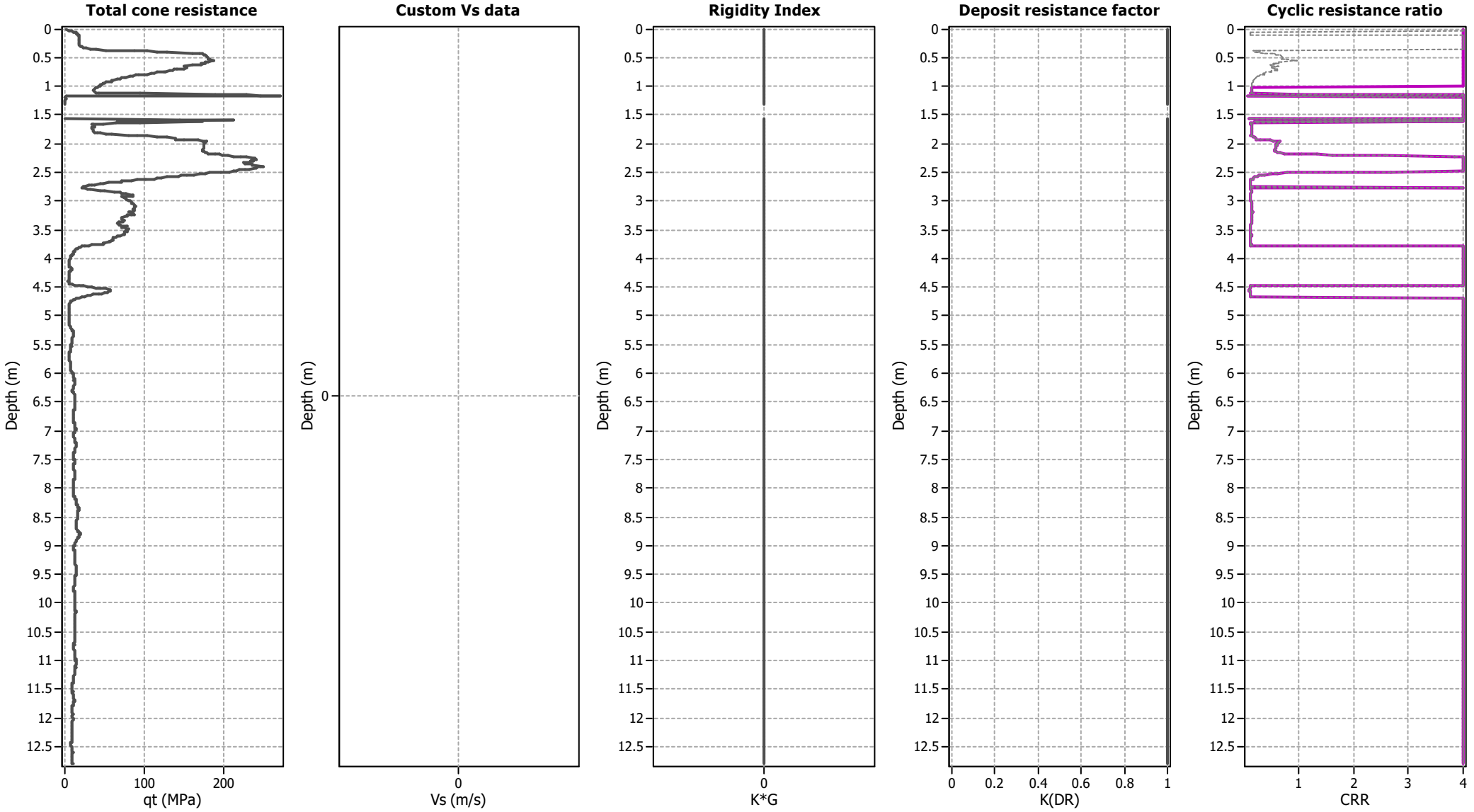
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	8.87	2.00	0.00	1.00	0.00	12.53	8.86	2.00	0.00	1.00	0.00
12.54	8.86	2.00	0.00	1.00	0.00	12.55	8.95	2.00	0.00	1.00	0.00
12.56	9.25	2.00	0.00	1.00	0.00	12.57	9.44	2.00	0.00	1.00	0.00
12.58	9.53	2.00	0.00	1.00	0.00	12.59	9.53	2.00	0.00	1.00	0.00
12.60	9.62	2.00	0.00	1.00	0.00	12.61	9.82	2.00	0.00	1.00	0.00
12.62	9.71	2.00	0.00	1.00	0.00	12.63	9.71	2.00	0.00	1.00	0.00
12.64	9.61	2.00	0.00	1.00	0.00	12.65	9.60	2.00	0.00	1.00	0.00
12.66	9.40	2.00	0.00	1.00	0.00	12.67	9.40	2.00	0.00	1.00	0.00
12.68	9.40	2.00	0.00	1.00	0.00	12.69	9.30	2.00	0.00	1.00	0.00
12.70	9.10	2.00	0.00	1.00	0.00	12.71	8.99	2.00	0.00	1.00	0.00
12.72	8.99	2.00	0.00	1.00	0.00	12.73	9.08	2.00	0.00	1.00	0.00
12.74	9.47	2.00	0.00	1.00	0.00	12.75	9.66	2.00	0.00	1.00	0.00
12.76	9.76	2.00	0.00	1.00	0.00	12.77	9.66	2.00	0.00	1.00	0.00
12.78	9.65	2.00	0.00	1.00	0.00	12.79	9.74	2.00	0.00	1.00	0.00
12.80	9.94	2.00	0.00	1.00	0.00						

Total estimated settlement: 6.65

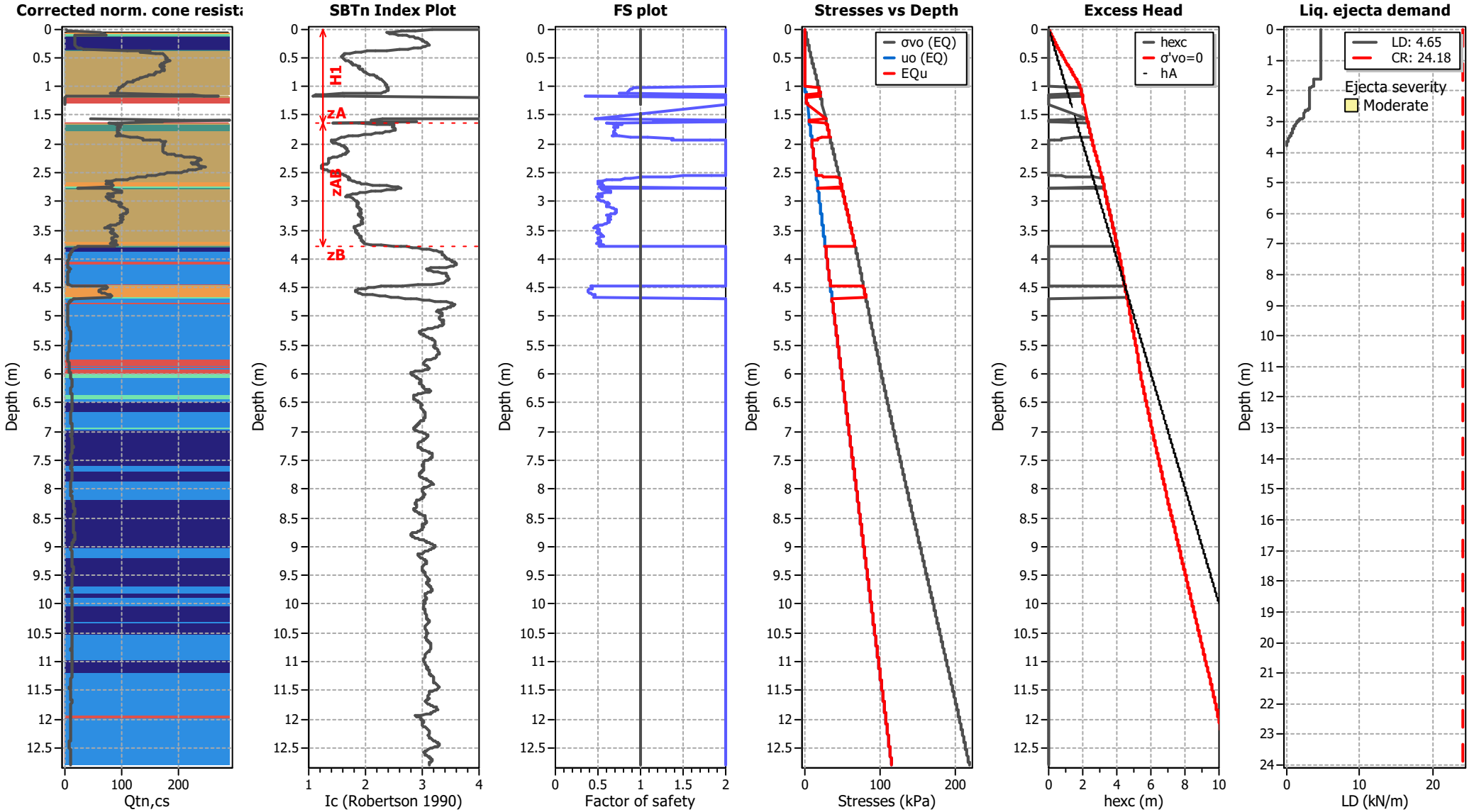
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



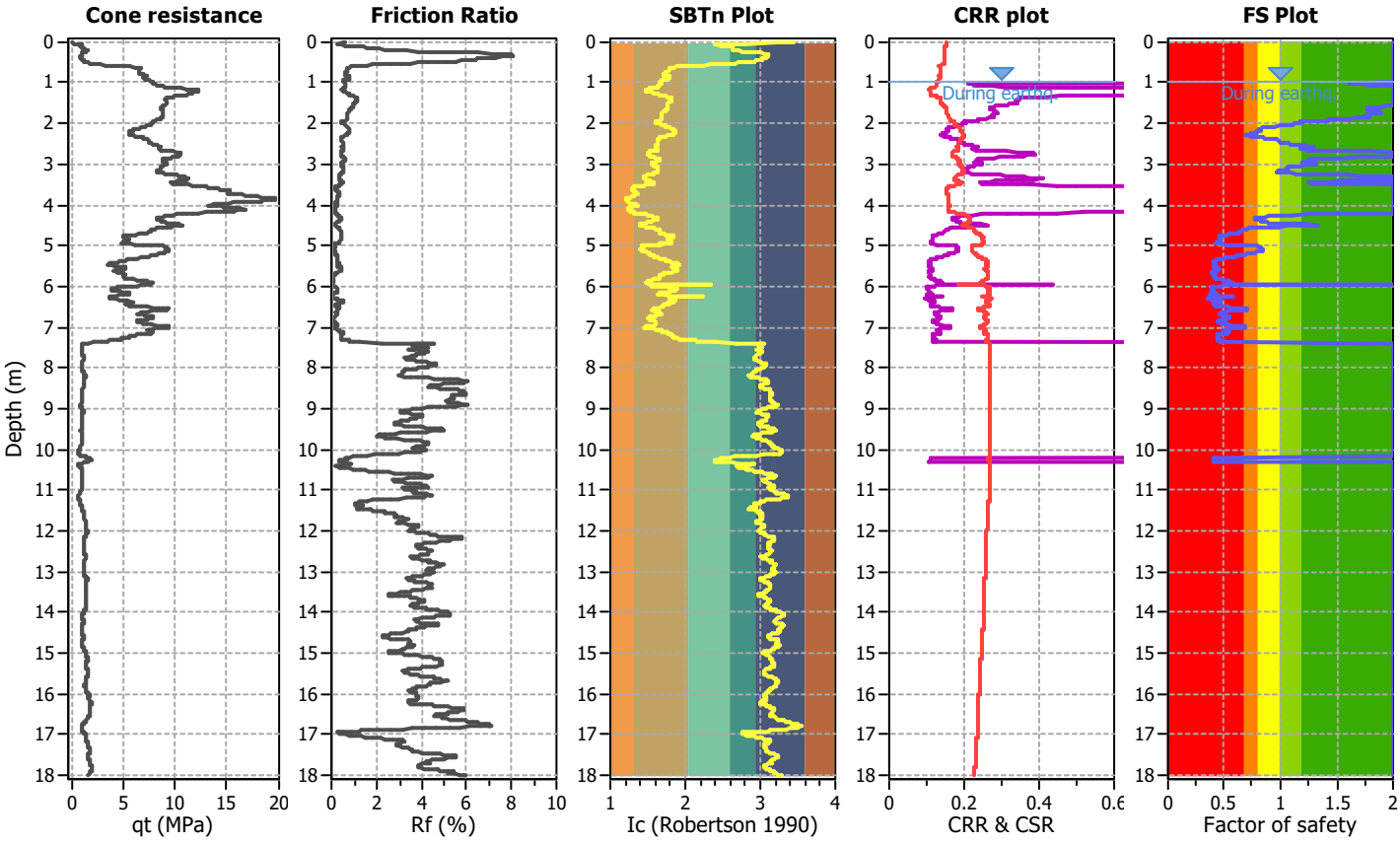
LIQUEFACTION ANALYSIS REPORT

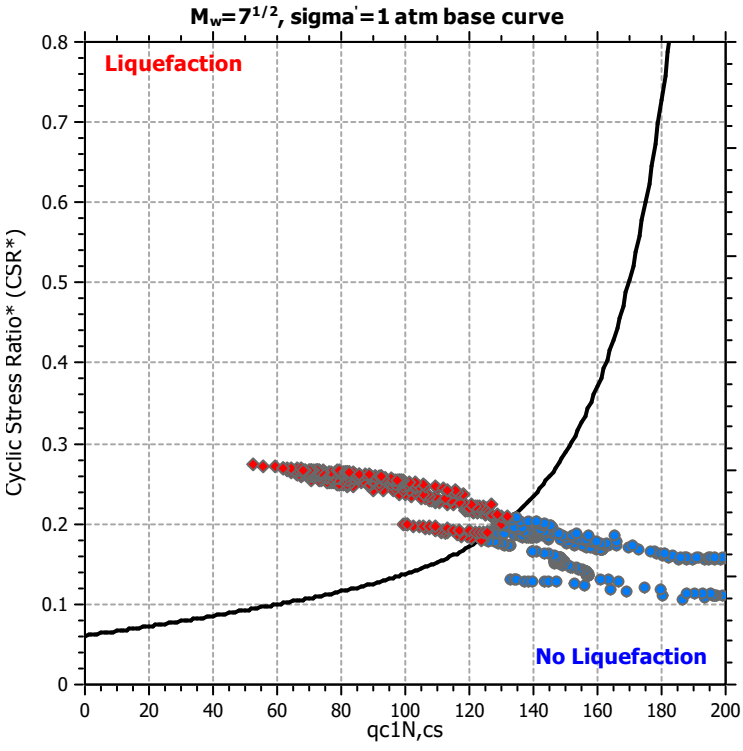
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

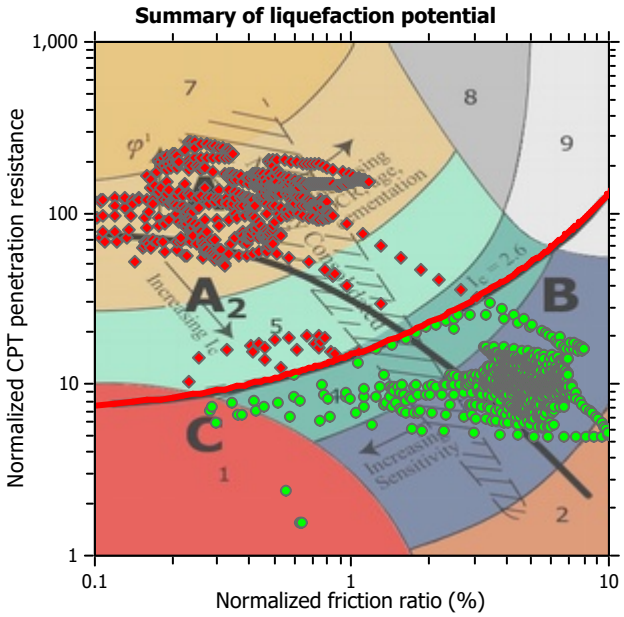
CPT file : 040008P1010CPTU1011

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

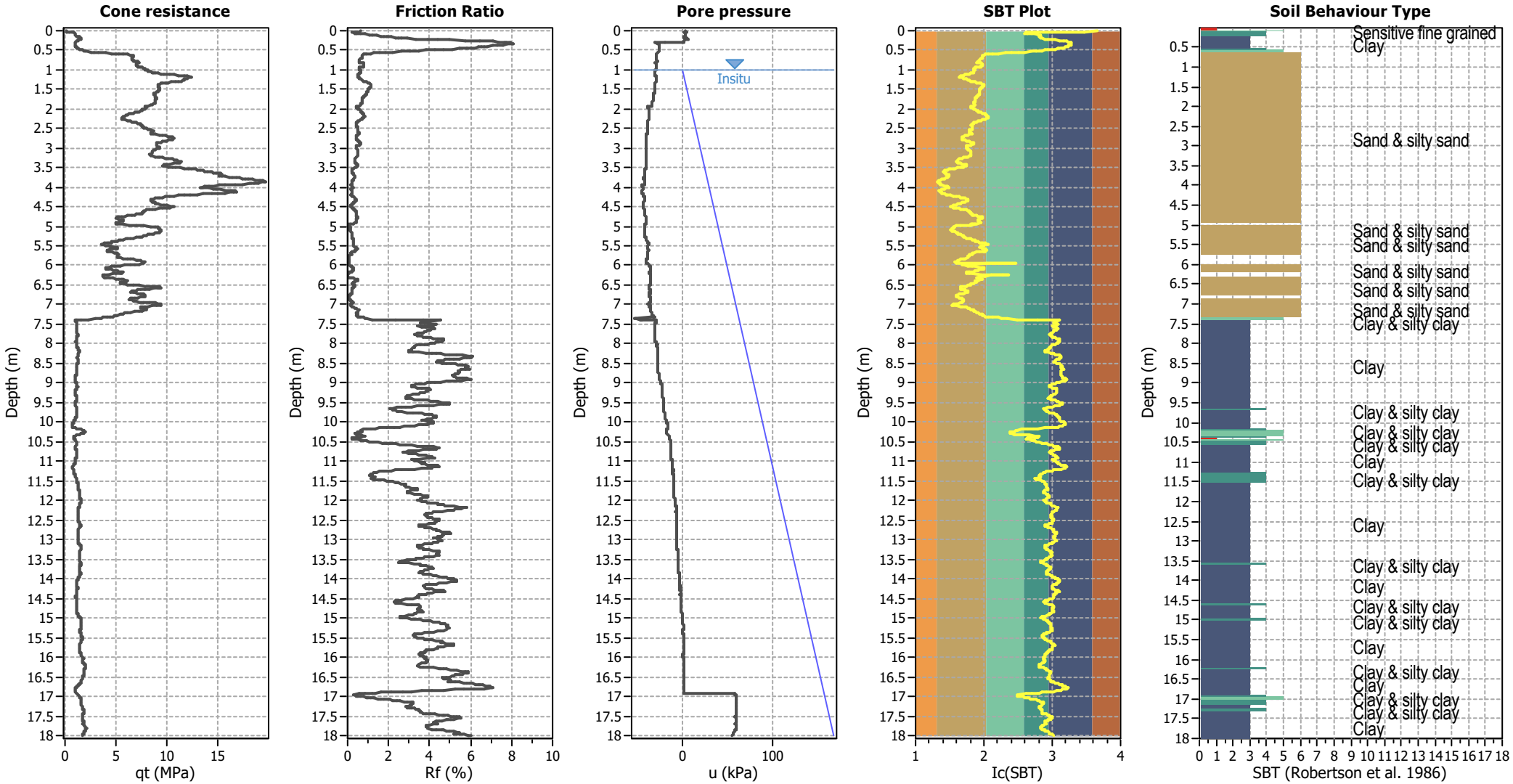






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



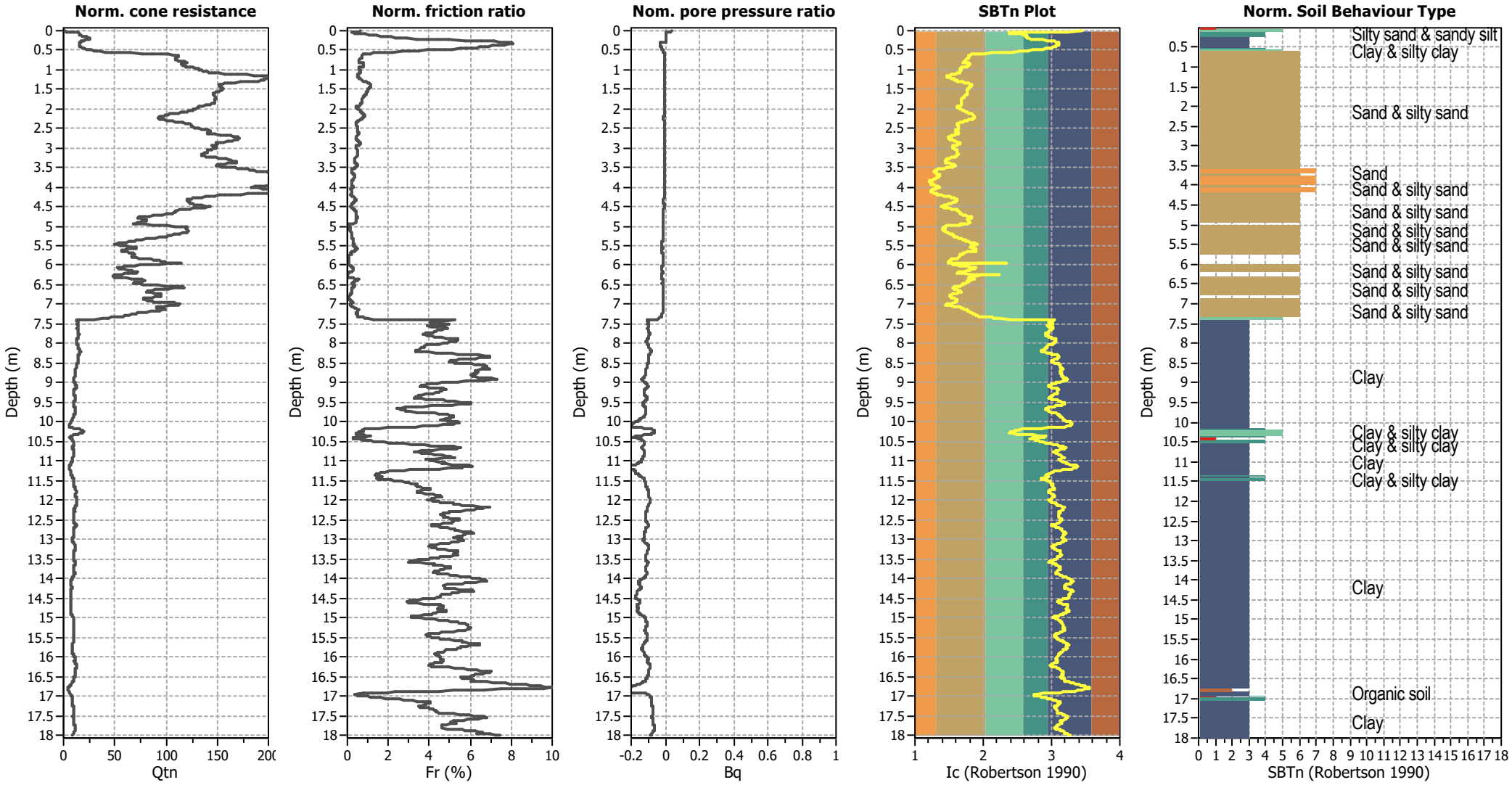
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



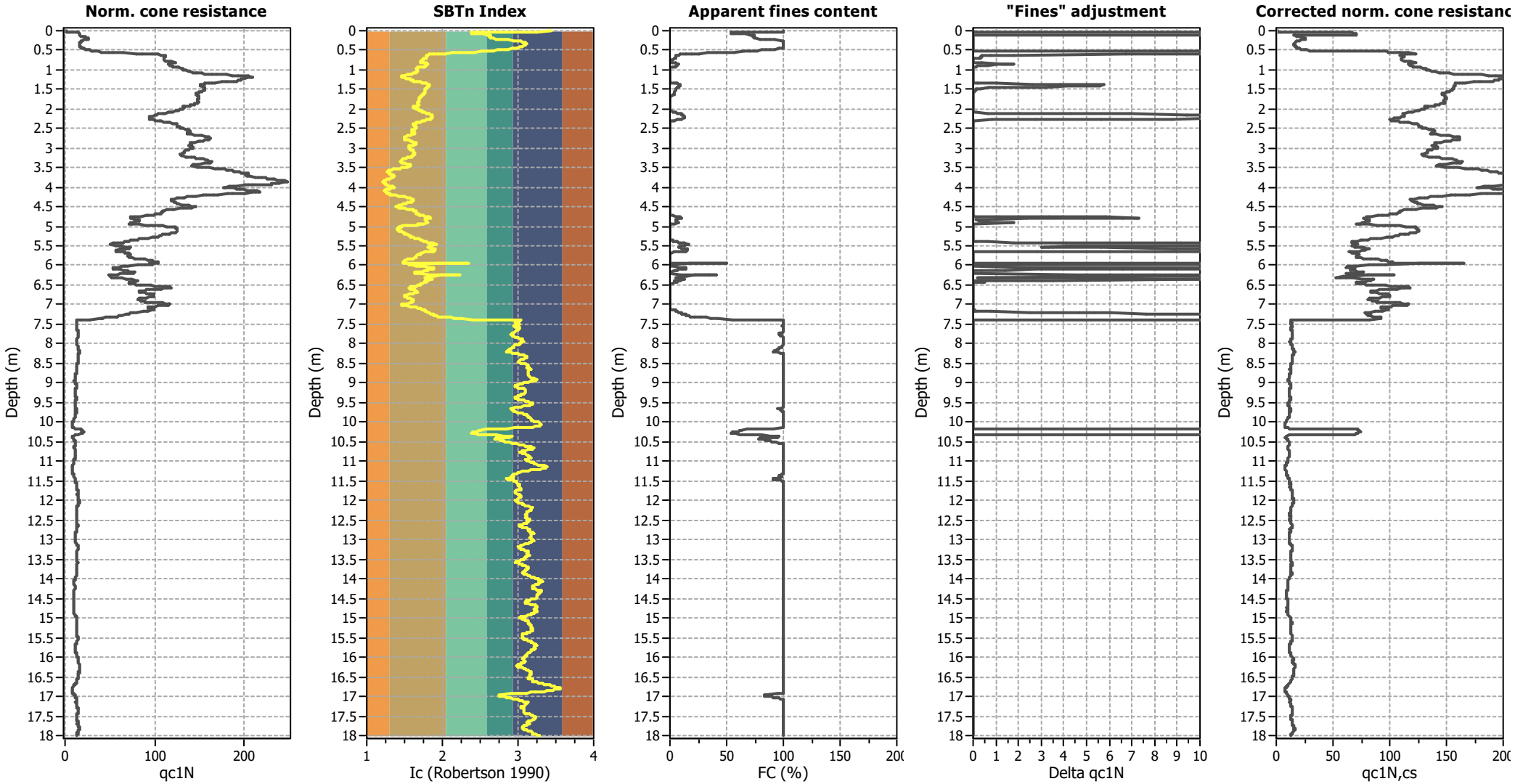
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

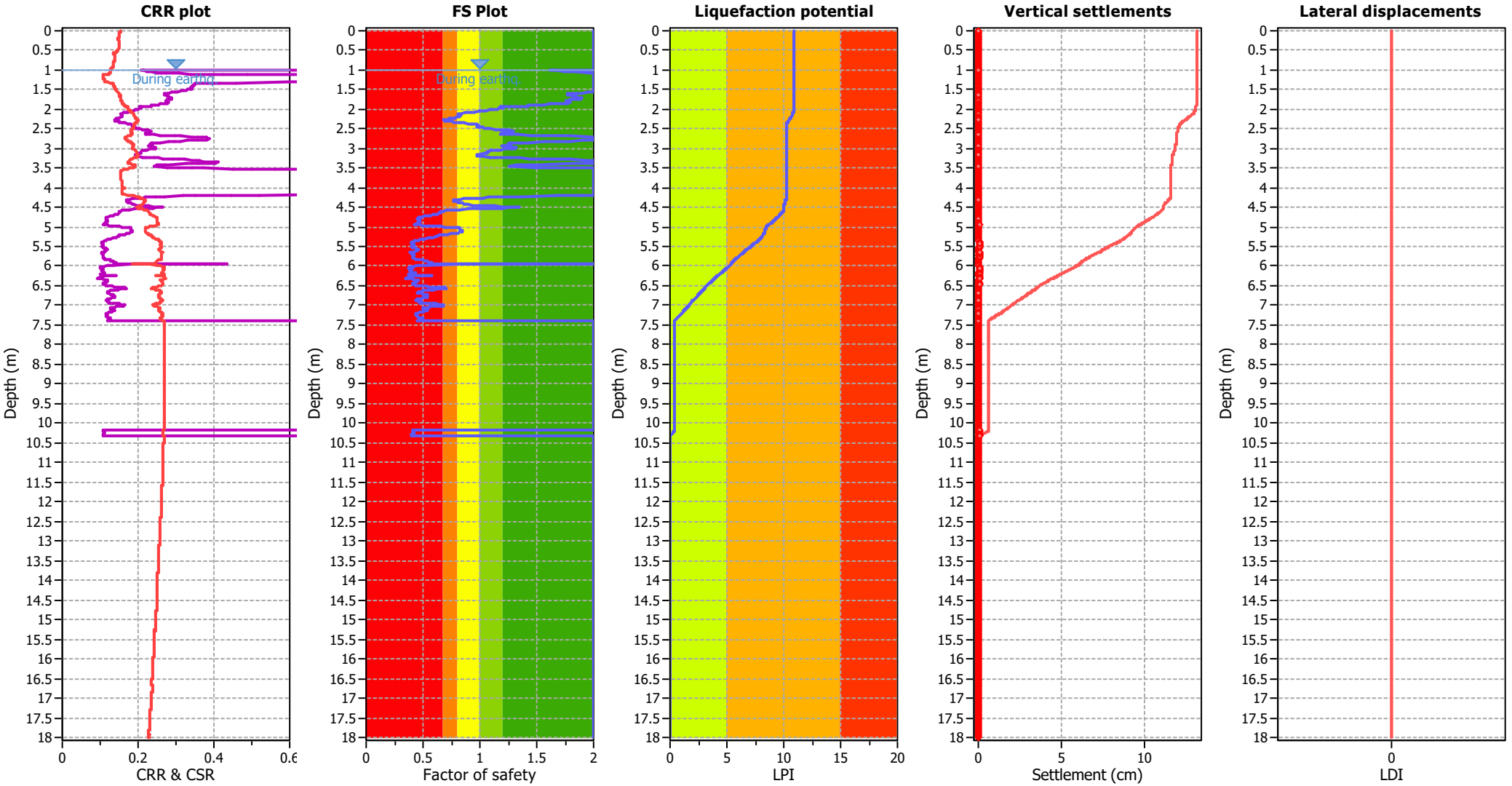
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

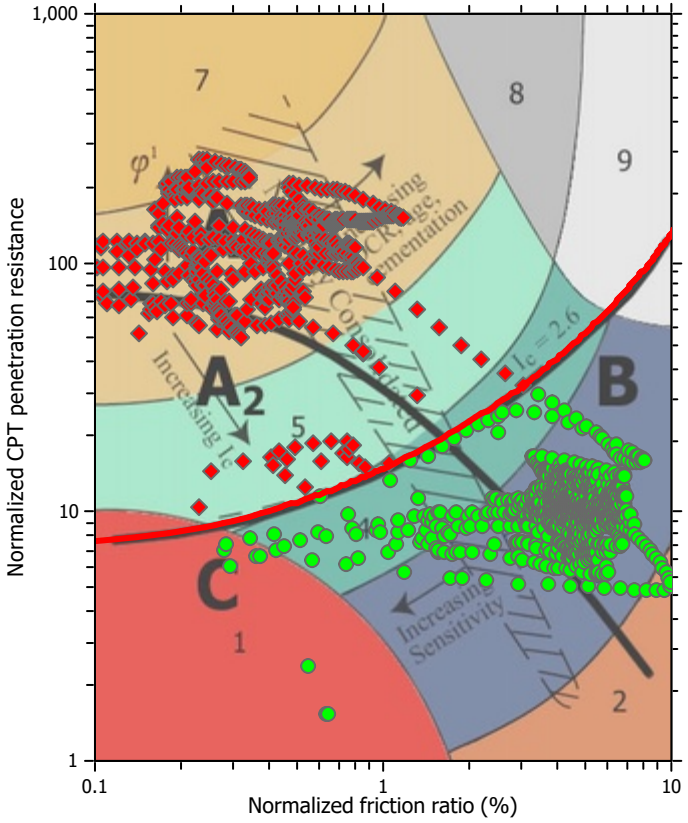
F.S. color scheme

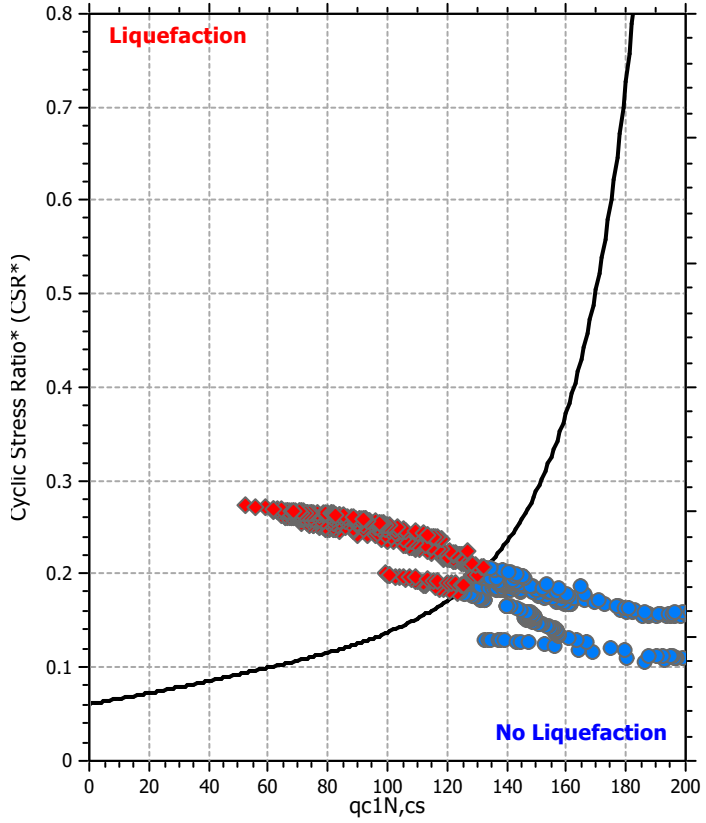
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

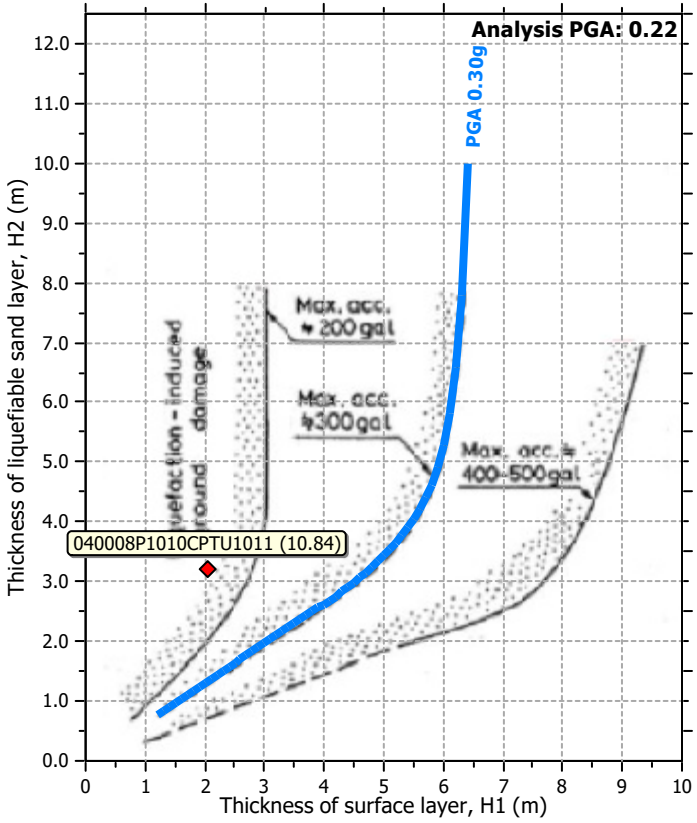
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



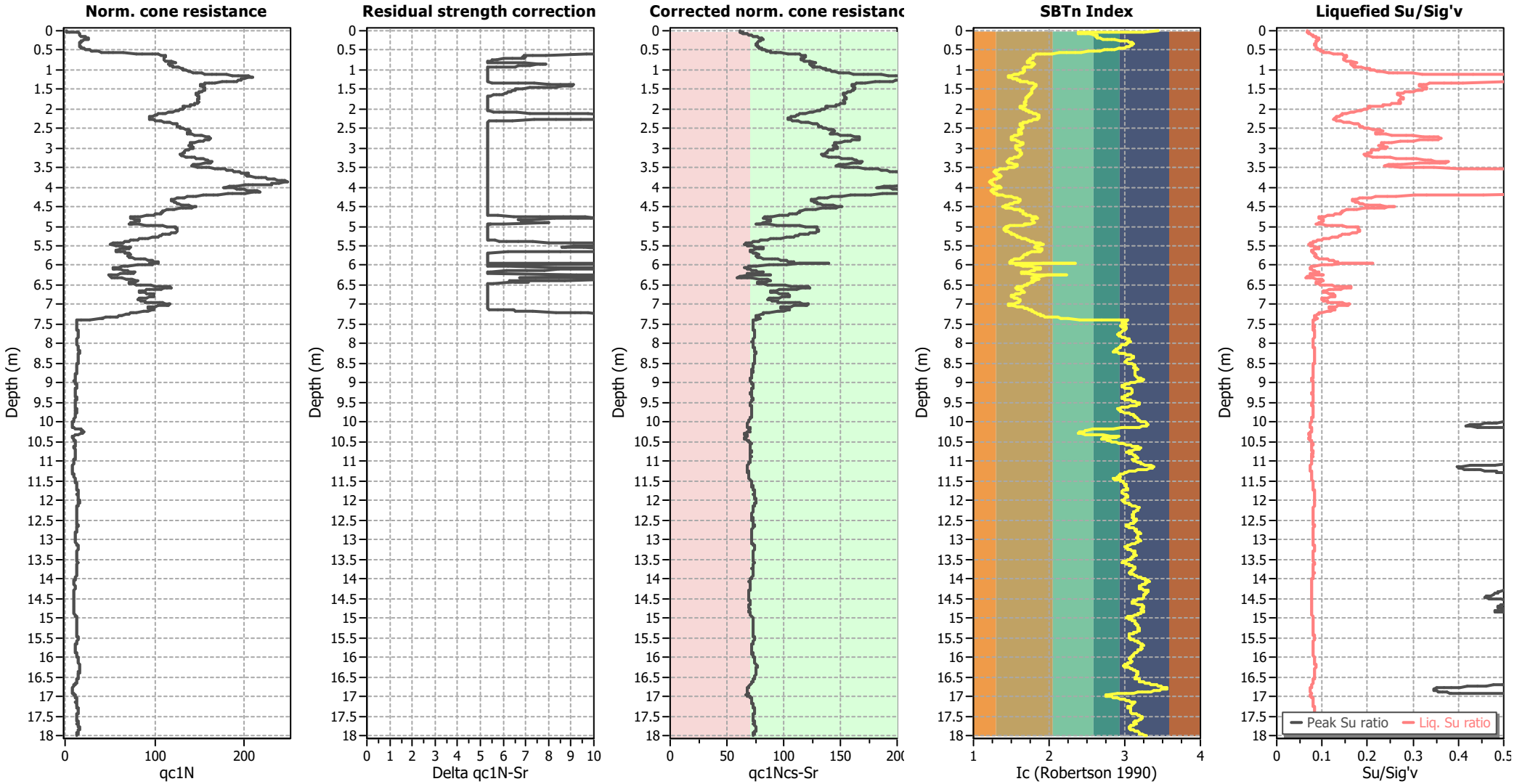




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.62	0.00	0.00	0.01	0.00	1.02	1.66	0.00	0.00	0.01	0.00
1.03	1.67	0.00	0.00	0.01	0.00	1.04	1.74	0.00	0.00	0.01	0.00
1.05	1.78	0.00	0.00	0.01	0.00	1.06	1.83	0.00	0.00	0.01	0.00
1.07	1.98	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	2.00	0.00	0.00	0.01	0.00	1.10	2.00	0.00	0.00	0.01	0.00
1.11	2.00	0.00	0.00	0.01	0.00	1.12	2.00	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	2.00	0.00	0.00	0.01	0.00	1.16	2.00	0.00	0.00	0.01	0.00
1.17	2.00	0.00	0.00	0.01	0.00	1.18	2.00	0.00	0.00	0.01	0.00
1.19	2.00	0.00	0.00	0.01	0.00	1.20	2.00	0.00	0.00	0.01	0.00
1.21	2.00	0.00	0.00	0.01	0.00	1.22	2.00	0.00	0.00	0.01	0.00
1.23	2.00	0.00	0.00	0.01	0.00	1.24	2.00	0.00	0.00	0.01	0.00
1.25	2.00	0.00	0.00	0.01	0.00	1.26	2.00	0.00	0.00	0.01	0.00
1.27	2.00	0.00	0.00	0.01	0.00	1.28	2.00	0.00	0.00	0.01	0.00
1.29	2.00	0.00	0.00	0.01	0.00	1.30	2.00	0.00	0.00	0.01	0.00
1.31	2.00	0.00	0.00	0.01	0.00	1.32	2.00	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	2.00	0.00	0.00	0.01	0.00
1.37	2.00	0.00	0.00	0.01	0.00	1.38	2.00	0.00	0.00	0.01	0.00
1.39	2.00	0.00	0.00	0.01	0.00	1.40	2.00	0.00	0.00	0.01	0.00
1.41	2.00	0.00	0.00	0.01	0.00	1.42	2.00	0.00	0.00	0.01	0.00
1.43	2.00	0.00	0.00	0.01	0.00	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	2.00	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	2.00	0.00	0.00	0.01	0.00
1.57	2.00	0.00	0.00	0.01	0.00	1.58	1.94	0.00	0.00	0.01	0.00
1.59	1.89	0.00	0.00	0.01	0.00	1.60	1.86	0.00	0.00	0.01	0.00
1.61	1.80	0.00	0.00	0.01	0.00	1.62	1.77	0.00	0.00	0.01	0.00
1.63	1.77	0.00	0.00	0.01	0.00	1.64	1.77	0.00	0.00	0.01	0.00
1.65	1.78	0.00	0.00	0.01	0.00	1.66	1.80	0.00	0.00	0.01	0.00
1.67	1.82	0.00	0.00	0.01	0.00	1.68	1.84	0.00	0.00	0.01	0.00
1.69	1.84	0.00	0.00	0.01	0.00	1.70	1.86	0.00	0.00	0.01	0.00
1.71	1.88	0.00	0.00	0.01	0.00	1.72	1.88	0.00	0.00	0.01	0.00
1.73	1.89	0.00	0.00	0.01	0.00	1.74	1.88	0.00	0.00	0.01	0.00
1.75	1.86	0.00	0.00	0.01	0.00	1.76	1.81	0.00	0.00	0.01	0.00
1.77	1.79	0.00	0.00	0.01	0.00	1.78	1.77	0.00	0.00	0.01	0.00
1.79	1.75	0.00	0.00	0.01	0.00	1.80	1.75	0.00	0.00	0.01	0.00
1.81	1.76	0.00	0.00	0.01	0.00	1.82	1.79	0.00	0.00	0.01	0.00
1.83	1.80	0.00	0.00	0.01	0.00	1.84	1.79	0.00	0.00	0.01	0.00
1.85	1.77	0.00	0.00	0.01	0.00	1.86	1.74	0.00	0.00	0.01	0.00
1.87	1.71	0.00	0.00	0.01	0.00	1.88	1.61	0.00	0.00	0.01	0.00
1.89	1.57	0.00	0.00	0.01	0.00	1.90	1.47	0.00	0.00	0.01	0.00
1.91	1.43	0.00	0.00	0.01	0.00	1.92	1.43	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.42	0.00	0.00	0.01	0.00	1.94	1.18	0.00	0.00	0.01	0.00
1.95	1.21	0.00	0.00	0.01	0.00	1.96	1.21	0.00	0.00	0.01	0.00
1.97	1.20	0.00	0.00	0.01	0.00	1.98	1.19	0.00	0.00	0.01	0.00
1.99	1.17	0.00	0.00	0.01	0.00	2.00	1.15	0.00	0.00	0.01	0.00
2.01	1.12	0.00	0.00	0.01	0.00	2.02	1.11	0.00	0.00	0.01	0.00
2.03	1.09	0.00	0.00	0.01	0.00	2.04	1.05	0.00	0.00	0.01	0.00
2.05	1.02	0.00	0.00	0.01	0.00	2.06	1.00	0.00	0.00	0.01	0.00
2.07	0.95	0.00	0.00	0.01	0.00	2.08	0.92	0.00	0.00	0.01	0.01
2.09	0.90	0.00	0.00	0.01	0.01	2.10	0.88	0.00	0.00	0.01	0.01
2.11	0.83	0.00	0.00	0.01	0.01	2.12	0.83	0.00	0.00	0.01	0.02
2.13	0.83	0.00	0.00	0.01	0.02	2.14	0.81	0.00	0.00	0.01	0.02
2.15	0.82	0.00	0.00	0.01	0.02	2.16	0.82	0.00	0.00	0.01	0.02
2.17	0.83	0.00	0.00	0.01	0.02	2.18	0.82	0.00	0.00	0.01	0.02
2.19	0.82	0.00	0.00	0.01	0.02	2.20	0.81	0.00	0.00	0.01	0.02
2.21	0.79	0.00	0.00	0.01	0.02	2.22	0.78	0.22	1.46	0.01	0.02
2.23	0.76	0.24	1.30	0.01	0.02	2.24	0.75	0.25	1.17	0.01	0.02
2.25	0.73	0.27	1.06	0.01	0.02	2.26	0.71	0.29	0.98	0.01	0.03
2.27	0.69	0.31	0.89	0.01	0.03	2.28	0.69	0.31	0.87	0.01	0.03
2.29	0.68	0.32	0.86	0.01	0.03	2.30	0.69	0.31	0.90	0.01	0.03
2.31	0.73	0.27	1.08	0.01	0.02	2.32	0.75	0.25	1.21	0.01	0.02
2.33	0.77	0.23	1.37	0.01	0.02	2.34	0.82	0.00	0.00	0.01	0.02
2.35	0.84	0.00	0.00	0.01	0.01	2.36	0.86	0.00	0.00	0.01	0.01
2.37	0.90	0.00	0.00	0.01	0.01	2.38	0.92	0.00	0.00	0.01	0.01
2.39	0.94	0.00	0.00	0.01	0.01	2.40	0.97	0.00	0.00	0.01	0.00
2.41	0.98	0.00	0.00	0.01	0.00	2.42	0.98	0.00	0.00	0.01	0.00
2.43	0.98	0.00	0.00	0.01	0.00	2.44	0.98	0.00	0.00	0.01	0.00
2.45	0.98	0.00	0.00	0.01	0.00	2.46	1.00	0.00	0.00	0.01	0.00
2.47	1.02	0.00	0.00	0.01	0.00	2.48	1.03	0.00	0.00	0.01	0.00
2.49	1.04	0.00	0.00	0.01	0.00	2.50	1.07	0.00	0.00	0.01	0.00
2.51	1.09	0.00	0.00	0.01	0.00	2.52	1.15	0.00	0.00	0.01	0.00
2.53	1.18	0.00	0.00	0.01	0.00	2.54	1.22	0.00	0.00	0.01	0.00
2.55	1.25	0.00	0.00	0.01	0.00	2.56	1.29	0.00	0.00	0.01	0.00
2.57	1.30	0.00	0.00	0.01	0.00	2.58	1.28	0.00	0.00	0.01	0.00
2.59	1.26	0.00	0.00	0.01	0.00	2.60	1.23	0.00	0.00	0.01	0.00
2.61	1.21	0.00	0.00	0.01	0.00	2.62	1.19	0.00	0.00	0.01	0.00
2.63	1.18	0.00	0.00	0.01	0.00	2.64	1.20	0.00	0.00	0.01	0.00
2.65	1.25	0.00	0.00	0.01	0.00	2.66	1.33	0.00	0.00	0.01	0.00
2.67	1.45	0.00	0.00	0.01	0.00	2.68	1.69	0.00	0.00	0.01	0.00
2.69	1.80	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	1.91	0.00	0.00	0.01	0.00	2.82	1.79	0.00	0.00	0.01	0.00
2.83	1.68	0.00	0.00	0.01	0.00	2.84	1.57	0.00	0.00	0.01	0.00
2.85	1.42	0.00	0.00	0.01	0.00	2.86	1.36	0.00	0.00	0.01	0.00
2.87	1.28	0.00	0.00	0.01	0.00	2.88	1.26	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.24	0.00	0.00	0.01	0.00	2.90	1.26	0.00	0.00	0.01	0.00
2.91	1.27	0.00	0.00	0.01	0.00	2.92	1.27	0.00	0.00	0.01	0.00
2.93	1.26	0.00	0.00	0.01	0.00	2.94	1.19	0.00	0.00	0.01	0.00
2.95	1.24	0.00	0.00	0.01	0.00	2.96	1.30	0.00	0.00	0.01	0.00
2.97	1.31	0.00	0.00	0.01	0.00	2.98	1.32	0.00	0.00	0.01	0.00
2.99	1.32	0.00	0.00	0.01	0.00	3.00	1.31	0.00	0.00	0.01	0.00
3.01	1.31	0.00	0.00	0.01	0.00	3.02	1.29	0.00	0.00	0.01	0.00
3.03	1.21	0.00	0.00	0.01	0.00	3.04	1.18	0.00	0.00	0.01	0.00
3.05	1.15	0.00	0.00	0.01	0.00	3.06	1.11	0.00	0.00	0.01	0.00
3.07	1.09	0.00	0.00	0.01	0.00	3.08	1.07	0.00	0.00	0.01	0.00
3.09	1.07	0.00	0.00	0.01	0.00	3.10	1.07	0.00	0.00	0.01	0.00
3.11	1.07	0.00	0.00	0.01	0.00	3.12	1.06	0.00	0.00	0.01	0.00
3.13	1.05	0.00	0.00	0.01	0.00	3.14	1.03	0.00	0.00	0.01	0.00
3.15	1.00	0.00	0.00	0.01	0.00	3.16	0.98	0.00	0.00	0.01	0.00
3.17	0.97	0.00	0.00	0.01	0.00	3.18	0.97	0.00	0.00	0.01	0.00
3.19	0.98	0.00	0.00	0.01	0.00	3.20	1.00	0.00	0.00	0.01	0.00
3.21	1.02	0.00	0.00	0.01	0.00	3.22	1.09	0.00	0.00	0.01	0.00
3.23	1.14	0.00	0.00	0.01	0.00	3.24	1.27	0.00	0.00	0.01	0.00
3.25	1.34	0.00	0.00	0.01	0.00	3.26	1.43	0.00	0.00	0.01	0.00
3.27	1.60	0.00	0.00	0.01	0.00	3.28	1.70	0.00	0.00	0.01	0.00
3.29	1.79	0.00	0.00	0.01	0.00	3.30	1.94	0.00	0.00	0.01	0.00
3.31	1.99	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	1.82	0.00	0.00	0.01	0.00
3.41	1.53	0.00	0.00	0.01	0.00	3.42	1.44	0.00	0.00	0.01	0.00
3.43	1.37	0.00	0.00	0.01	0.00	3.44	1.32	0.00	0.00	0.01	0.00
3.45	1.25	0.00	0.00	0.01	0.00	3.46	1.26	0.00	0.00	0.01	0.00
3.47	1.29	0.00	0.00	0.01	0.00	3.48	1.49	0.00	0.00	0.01	0.00
3.49	1.67	0.00	0.00	0.01	0.00	3.50	1.90	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	2.00	0.00	0.00	0.01	0.00	3.62	2.00	0.00	0.00	0.01	0.00
3.63	2.00	0.00	0.00	0.01	0.00	3.64	2.00	0.00	0.00	0.01	0.00
3.65	2.00	0.00	0.00	0.01	0.00	3.66	2.00	0.00	0.00	0.01	0.00
3.67	2.00	0.00	0.00	0.01	0.00	3.68	2.00	0.00	0.00	0.01	0.00
3.69	2.00	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	2.00	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	2.00	0.00	0.00	0.01	0.00
4.03	2.00	0.00	0.00	0.01	0.00	4.04	2.00	0.00	0.00	0.01	0.00
4.05	2.00	0.00	0.00	0.01	0.00	4.06	2.00	0.00	0.00	0.01	0.00
4.07	2.00	0.00	0.00	0.01	0.00	4.08	2.00	0.00	0.00	0.01	0.00
4.09	2.00	0.00	0.00	0.01	0.00	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	2.00	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	2.00	0.00	0.00	0.01	0.00	4.18	2.00	0.00	0.00	0.01	0.00
4.19	2.00	0.00	0.00	0.01	0.00	4.20	2.00	0.00	0.00	0.01	0.00
4.21	1.90	0.00	0.00	0.01	0.00	4.22	1.69	0.00	0.00	0.01	0.00
4.23	1.38	0.00	0.00	0.01	0.00	4.24	1.26	0.00	0.00	0.01	0.00
4.25	1.08	0.00	0.00	0.01	0.00	4.26	1.02	0.00	0.00	0.01	0.00
4.27	0.97	0.00	0.00	0.01	0.00	4.28	0.90	0.00	0.00	0.01	0.01
4.29	0.87	0.00	0.00	0.01	0.01	4.30	0.83	0.00	0.00	0.01	0.01
4.31	0.81	0.00	0.00	0.01	0.02	4.32	0.78	0.22	1.43	0.01	0.02
4.33	0.77	0.23	1.37	0.01	0.02	4.34	0.78	0.22	1.39	0.01	0.02
4.35	0.78	0.22	1.43	0.01	0.02	4.36	0.79	0.00	0.00	0.01	0.02
4.37	0.81	0.00	0.00	0.01	0.01	4.38	0.82	0.00	0.00	0.01	0.01
4.39	0.83	0.00	0.00	0.01	0.01	4.40	0.85	0.00	0.00	0.01	0.01
4.41	0.86	0.00	0.00	0.01	0.01	4.42	0.87	0.00	0.00	0.01	0.01
4.43	0.88	0.00	0.00	0.01	0.01	4.44	0.89	0.00	0.00	0.01	0.01
4.45	0.94	0.00	0.00	0.01	0.00	4.46	0.98	0.00	0.00	0.01	0.00
4.47	1.13	0.00	0.00	0.01	0.00	4.48	1.21	0.00	0.00	0.01	0.00
4.49	1.33	0.00	0.00	0.01	0.00	4.50	1.34	0.00	0.00	0.01	0.00
4.51	1.27	0.00	0.00	0.01	0.00	4.52	1.20	0.00	0.00	0.01	0.00
4.53	1.05	0.00	0.00	0.01	0.00	4.54	0.98	0.00	0.00	0.01	0.00
4.55	0.91	0.00	0.00	0.01	0.01	4.56	0.82	0.00	0.00	0.01	0.01
4.57	0.78	0.22	1.44	0.01	0.02	4.58	0.72	0.28	1.02	0.01	0.02
4.59	0.70	0.30	0.94	0.01	0.02	4.60	0.68	0.32	0.83	0.01	0.02
4.61	0.67	0.33	0.79	0.01	0.03	4.62	0.66	0.34	0.78	0.01	0.03
4.63	0.65	0.35	0.76	0.01	0.03	4.64	0.65	0.35	0.76	0.01	0.03
4.65	0.65	0.35	0.75	0.01	0.03	4.66	0.65	0.35	0.74	0.01	0.03
4.67	0.63	0.37	0.70	0.01	0.03	4.68	0.62	0.38	0.68	0.01	0.03
4.69	0.60	0.40	0.63	0.01	0.03	4.70	0.58	0.42	0.60	0.01	0.03
4.71	0.57	0.43	0.58	0.01	0.03	4.72	0.54	0.46	0.52	0.01	0.04
4.73	0.52	0.48	0.50	0.01	0.04	4.74	0.48	0.52	0.46	0.01	0.04
4.75	0.47	0.53	0.45	0.01	0.04	4.76	0.47	0.53	0.45	0.01	0.04
4.77	0.46	0.54	0.44	0.01	0.04	4.78	0.46	0.54	0.44	0.01	0.04
4.79	0.46	0.54	0.44	0.01	0.04	4.80	0.46	0.54	0.43	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.45	0.55	0.43	0.01	0.04	4.82	0.46	0.54	0.44	0.01	0.04
4.83	0.47	0.53	0.44	0.01	0.04	4.84	0.47	0.53	0.45	0.01	0.04
4.85	0.48	0.52	0.45	0.01	0.04	4.86	0.48	0.52	0.45	0.01	0.04
4.87	0.47	0.53	0.44	0.01	0.04	4.88	0.46	0.54	0.44	0.01	0.04
4.89	0.45	0.55	0.43	0.01	0.04	4.90	0.45	0.55	0.42	0.01	0.04
4.91	0.44	0.56	0.42	0.01	0.04	4.92	0.44	0.56	0.42	0.01	0.04
4.93	0.44	0.56	0.41	0.01	0.04	4.94	0.42	0.58	0.40	0.01	0.04
4.95	0.43	0.57	0.41	0.01	0.04	4.96	0.47	0.53	0.45	0.01	0.04
4.97	0.51	0.49	0.49	0.01	0.04	4.98	0.55	0.45	0.54	0.01	0.03
4.99	0.65	0.35	0.75	0.01	0.03	5.00	0.70	0.30	0.90	0.01	0.02
5.01	0.80	0.00	0.00	0.01	0.02	5.02	0.81	0.00	0.00	0.01	0.01
5.03	0.82	0.00	0.00	0.01	0.01	5.04	0.82	0.00	0.00	0.01	0.01
5.05	0.82	0.00	0.00	0.01	0.01	5.06	0.83	0.00	0.00	0.01	0.01
5.07	0.83	0.00	0.00	0.01	0.01	5.08	0.83	0.00	0.00	0.01	0.01
5.09	0.83	0.00	0.00	0.01	0.01	5.10	0.84	0.00	0.00	0.01	0.01
5.11	0.84	0.00	0.00	0.01	0.01	5.12	0.84	0.00	0.00	0.01	0.01
5.13	0.84	0.00	0.00	0.01	0.01	5.14	0.82	0.00	0.00	0.01	0.01
5.15	0.81	0.00	0.00	0.01	0.01	5.16	0.79	0.00	0.00	0.01	0.02
5.17	0.77	0.23	1.38	0.01	0.02	5.18	0.74	0.26	1.14	0.01	0.02
5.19	0.72	0.28	1.01	0.01	0.02	5.20	0.70	0.30	0.91	0.01	0.02
5.21	0.68	0.32	0.83	0.01	0.02	5.22	0.64	0.36	0.73	0.01	0.03
5.23	0.63	0.37	0.70	0.01	0.03	5.24	0.62	0.38	0.68	0.01	0.03
5.25	0.61	0.39	0.66	0.01	0.03	5.26	0.59	0.41	0.61	0.01	0.03
5.27	0.58	0.42	0.59	0.01	0.03	5.28	0.56	0.44	0.57	0.01	0.03
5.29	0.55	0.45	0.54	0.01	0.03	5.30	0.52	0.48	0.50	0.01	0.04
5.31	0.50	0.50	0.48	0.01	0.04	5.32	0.48	0.52	0.46	0.01	0.04
5.33	0.47	0.53	0.45	0.01	0.04	5.34	0.46	0.54	0.44	0.01	0.04
5.35	0.44	0.56	0.42	0.01	0.04	5.36	0.43	0.57	0.41	0.01	0.04
5.37	0.42	0.58	0.40	0.01	0.04	5.38	0.42	0.58	0.40	0.01	0.04
5.39	0.41	0.59	0.39	0.01	0.04	5.40	0.40	0.60	0.39	0.01	0.04
5.41	0.40	0.60	0.38	0.01	0.04	5.42	0.40	0.60	0.38	0.01	0.04
5.43	0.41	0.59	0.39	0.01	0.04	5.44	0.41	0.59	0.39	0.01	0.04
5.45	0.42	0.58	0.40	0.01	0.04	5.46	0.42	0.58	0.40	0.01	0.04
5.47	0.42	0.58	0.40	0.01	0.04	5.48	0.41	0.59	0.40	0.01	0.04
5.49	0.41	0.59	0.39	0.01	0.04	5.50	0.40	0.60	0.38	0.01	0.04
5.51	0.41	0.59	0.39	0.01	0.04	5.52	0.41	0.59	0.39	0.01	0.04
5.53	0.43	0.57	0.41	0.01	0.04	5.54	0.44	0.56	0.41	0.01	0.04
5.55	0.44	0.56	0.42	0.01	0.04	5.56	0.45	0.55	0.43	0.01	0.04
5.57	0.46	0.54	0.44	0.01	0.04	5.58	0.46	0.54	0.44	0.01	0.04
5.59	0.46	0.54	0.43	0.01	0.04	5.60	0.45	0.55	0.42	0.01	0.04
5.61	0.44	0.56	0.42	0.01	0.04	5.62	0.43	0.57	0.41	0.01	0.04
5.63	0.42	0.58	0.40	0.01	0.04	5.64	0.41	0.59	0.39	0.01	0.04
5.65	0.39	0.61	0.38	0.01	0.04	5.66	0.40	0.60	0.38	0.01	0.04
5.67	0.40	0.60	0.39	0.01	0.04	5.68	0.40	0.60	0.39	0.01	0.04
5.69	0.41	0.59	0.39	0.01	0.04	5.70	0.41	0.59	0.40	0.01	0.04
5.71	0.42	0.58	0.40	0.01	0.04	5.72	0.42	0.58	0.40	0.01	0.04
5.73	0.42	0.58	0.40	0.01	0.04	5.74	0.41	0.59	0.40	0.01	0.04
5.75	0.41	0.59	0.39	0.01	0.04	5.76	0.41	0.59	0.39	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.41	0.59	0.39	0.01	0.04	5.78	0.41	0.59	0.40	0.01	0.04
5.79	0.41	0.59	0.40	0.01	0.04	5.80	0.42	0.58	0.40	0.01	0.04
5.81	0.43	0.57	0.41	0.01	0.04	5.82	0.44	0.56	0.42	0.01	0.04
5.83	0.47	0.53	0.44	0.01	0.04	5.84	0.48	0.52	0.46	0.01	0.04
5.85	0.50	0.50	0.47	0.01	0.04	5.86	0.51	0.49	0.49	0.01	0.03
5.87	0.53	0.47	0.52	0.01	0.03	5.88	0.54	0.46	0.53	0.01	0.03
5.89	0.55	0.45	0.55	0.01	0.03	5.90	0.56	0.44	0.56	0.01	0.03
5.91	0.58	0.42	0.59	0.01	0.03	5.92	0.58	0.42	0.59	0.01	0.03
5.93	0.58	0.42	0.59	0.01	0.03	5.94	0.55	0.45	0.55	0.01	0.03
5.95	2.00	0.00	0.00	0.01	0.00	5.96	0.83	0.00	0.00	0.01	0.01
5.97	0.53	0.47	0.52	0.01	0.03	5.98	0.49	0.51	0.47	0.01	0.04
5.99	0.47	0.53	0.45	0.01	0.04	6.00	0.45	0.55	0.43	0.01	0.04
6.01	0.41	0.59	0.39	0.01	0.04	6.02	0.39	0.61	0.38	0.01	0.04
6.03	0.38	0.62	0.37	0.01	0.04	6.04	0.38	0.62	0.37	0.01	0.04
6.05	0.38	0.62	0.37	0.01	0.04	6.06	0.40	0.60	0.38	0.01	0.04
6.07	0.40	0.60	0.39	0.01	0.04	6.08	0.40	0.60	0.39	0.01	0.04
6.09	0.39	0.61	0.38	0.01	0.04	6.10	0.39	0.61	0.38	0.01	0.04
6.11	0.39	0.61	0.38	0.01	0.04	6.12	0.39	0.61	0.38	0.01	0.04
6.13	0.39	0.61	0.38	0.01	0.04	6.14	0.40	0.60	0.39	0.01	0.04
6.15	0.41	0.59	0.39	0.01	0.04	6.16	0.41	0.59	0.40	0.01	0.04
6.17	0.43	0.57	0.41	0.01	0.04	6.18	0.43	0.57	0.41	0.01	0.04
6.19	0.43	0.57	0.41	0.01	0.04	6.20	0.41	0.59	0.40	0.01	0.04
6.21	0.40	0.60	0.39	0.01	0.04	6.22	0.38	0.62	0.37	0.01	0.04
6.23	0.38	0.62	0.37	0.01	0.04	6.24	0.57	0.43	0.58	0.01	0.03
6.25	0.58	0.42	0.60	0.01	0.03	6.26	0.45	0.55	0.43	0.01	0.04
6.27	0.39	0.61	0.38	0.01	0.04	6.28	0.38	0.62	0.37	0.01	0.04
6.29	0.37	0.63	0.36	0.01	0.04	6.30	0.34	0.66	0.35	0.01	0.04
6.31	0.35	0.65	0.35	0.01	0.04	6.32	0.37	0.63	0.37	0.01	0.04
6.33	0.39	0.61	0.38	0.01	0.04	6.34	0.42	0.58	0.40	0.01	0.04
6.35	0.44	0.56	0.42	0.01	0.04	6.36	0.47	0.53	0.44	0.01	0.04
6.37	0.46	0.54	0.44	0.01	0.04	6.38	0.45	0.55	0.43	0.01	0.04
6.39	0.45	0.55	0.42	0.01	0.04	6.40	0.44	0.56	0.42	0.01	0.04
6.41	0.43	0.57	0.41	0.01	0.04	6.42	0.43	0.57	0.41	0.01	0.04
6.43	0.42	0.58	0.40	0.01	0.04	6.44	0.40	0.60	0.39	0.01	0.04
6.45	0.40	0.60	0.39	0.01	0.04	6.46	0.41	0.59	0.39	0.01	0.04
6.47	0.41	0.59	0.40	0.01	0.04	6.48	0.43	0.57	0.41	0.01	0.04
6.49	0.44	0.56	0.42	0.01	0.04	6.50	0.46	0.54	0.44	0.01	0.04
6.51	0.52	0.48	0.50	0.01	0.03	6.52	0.55	0.45	0.55	0.01	0.03
6.53	0.59	0.41	0.62	0.01	0.03	6.54	0.67	0.33	0.82	0.01	0.02
6.55	0.70	0.30	0.90	0.01	0.02	6.56	0.71	0.29	0.96	0.01	0.02
6.57	0.71	0.29	0.94	0.01	0.02	6.58	0.66	0.34	0.77	0.01	0.02
6.59	0.63	0.37	0.69	0.01	0.03	6.60	0.59	0.41	0.62	0.01	0.03
6.61	0.54	0.46	0.53	0.01	0.03	6.62	0.51	0.49	0.49	0.01	0.03
6.63	0.50	0.50	0.47	0.01	0.03	6.64	0.48	0.52	0.46	0.01	0.03
6.65	0.47	0.53	0.45	0.01	0.04	6.66	0.46	0.54	0.43	0.01	0.04
6.67	0.45	0.55	0.43	0.01	0.04	6.68	0.45	0.55	0.43	0.01	0.04
6.69	0.46	0.54	0.44	0.01	0.04	6.70	0.48	0.52	0.46	0.01	0.03
6.71	0.49	0.51	0.47	0.01	0.03	6.72	0.51	0.49	0.49	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.52	0.48	0.51	0.01	0.03	6.74	0.53	0.47	0.52	0.01	0.03
6.75	0.54	0.46	0.53	0.01	0.03	6.76	0.54	0.46	0.53	0.01	0.03
6.77	0.54	0.46	0.54	0.01	0.03	6.78	0.54	0.46	0.53	0.01	0.03
6.79	0.53	0.47	0.52	0.01	0.03	6.80	0.52	0.48	0.50	0.01	0.03
6.81	0.51	0.49	0.49	0.01	0.03	6.82	0.49	0.51	0.47	0.01	0.03
6.83	0.46	0.54	0.44	0.01	0.04	6.84	0.45	0.55	0.43	0.01	0.04
6.85	0.45	0.55	0.43	0.01	0.04	6.86	0.44	0.56	0.42	0.01	0.04
6.87	0.44	0.56	0.42	0.01	0.04	6.88	0.45	0.55	0.42	0.01	0.04
6.89	0.45	0.55	0.43	0.01	0.04	6.90	0.46	0.54	0.43	0.01	0.04
6.91	0.48	0.52	0.46	0.01	0.03	6.92	0.48	0.52	0.46	0.01	0.03
6.93	0.48	0.52	0.46	0.01	0.03	6.94	0.52	0.48	0.50	0.01	0.03
6.95	0.58	0.42	0.60	0.01	0.03	6.96	0.61	0.39	0.66	0.01	0.03
6.97	0.64	0.36	0.72	0.01	0.02	6.98	0.68	0.32	0.84	0.01	0.02
6.99	0.67	0.33	0.82	0.01	0.02	7.00	0.68	0.32	0.86	0.01	0.02
7.01	0.67	0.33	0.82	0.01	0.02	7.02	0.65	0.35	0.75	0.01	0.02
7.03	0.57	0.43	0.57	0.01	0.03	7.04	0.55	0.45	0.55	0.01	0.03
7.05	0.52	0.48	0.51	0.01	0.03	7.06	0.50	0.50	0.48	0.01	0.03
7.07	0.50	0.50	0.48	0.01	0.03	7.08	0.50	0.50	0.48	0.01	0.03
7.09	0.50	0.50	0.48	0.01	0.03	7.10	0.52	0.48	0.50	0.01	0.03
7.11	0.54	0.46	0.52	0.01	0.03	7.12	0.54	0.46	0.53	0.01	0.03
7.13	0.53	0.47	0.52	0.01	0.03	7.14	0.53	0.47	0.52	0.01	0.03
7.15	0.53	0.47	0.51	0.01	0.03	7.16	0.50	0.50	0.48	0.01	0.03
7.17	0.49	0.51	0.46	0.01	0.03	7.18	0.47	0.53	0.45	0.01	0.03
7.19	0.45	0.55	0.42	0.01	0.04	7.20	0.44	0.56	0.42	0.01	0.04
7.21	0.44	0.56	0.42	0.01	0.04	7.22	0.43	0.57	0.41	0.01	0.04
7.23	0.43	0.57	0.41	0.01	0.04	7.24	0.44	0.56	0.42	0.01	0.04
7.25	0.45	0.55	0.42	0.01	0.04	7.26	0.45	0.55	0.43	0.01	0.03
7.27	0.44	0.56	0.42	0.01	0.04	7.28	0.44	0.56	0.42	0.01	0.04
7.29	0.45	0.55	0.42	0.01	0.04	7.30	0.46	0.54	0.44	0.01	0.03
7.31	0.49	0.51	0.46	0.01	0.03	7.32	0.49	0.51	0.47	0.01	0.03
7.33	0.50	0.50	0.48	0.01	0.03	7.34	0.48	0.52	0.45	0.01	0.03
7.35	0.50	0.50	0.47	0.01	0.03	7.36	0.50	0.50	0.47	0.01	0.03
7.37	0.50	0.50	0.47	0.01	0.03	7.38	0.45	0.55	0.42	0.01	0.03
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	0.41	0.59	0.39	0.01	0.03	10.20	0.41	0.59	0.39	0.01	0.03
10.21	0.41	0.59	0.40	0.01	0.03	10.22	0.41	0.59	0.40	0.01	0.03
10.23	0.42	0.58	0.40	0.01	0.03	10.24	0.42	0.58	0.40	0.01	0.03
10.25	0.42	0.58	0.40	0.01	0.03	10.26	0.42	0.58	0.40	0.01	0.03
10.27	0.41	0.59	0.39	0.01	0.03	10.28	0.41	0.59	0.39	0.01	0.03
10.29	0.40	0.60	0.39	0.01	0.03	10.30	0.40	0.60	0.39	0.01	0.03
10.31	0.40	0.60	0.38	0.01	0.03	10.32	0.40	0.60	0.38	0.01	0.03
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.07	2.00	0.00	0.00	0.01	0.00	16.08	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.01	0.00	16.10	2.00	0.00	0.00	0.01	0.00
16.11	2.00	0.00	0.00	0.01	0.00	16.12	2.00	0.00	0.00	0.01	0.00
16.13	2.00	0.00	0.00	0.01	0.00	16.14	2.00	0.00	0.00	0.01	0.00
16.15	2.00	0.00	0.00	0.01	0.00	16.16	2.00	0.00	0.00	0.01	0.00
16.17	2.00	0.00	0.00	0.01	0.00	16.18	2.00	0.00	0.00	0.01	0.00
16.19	2.00	0.00	0.00	0.01	0.00	16.20	2.00	0.00	0.00	0.01	0.00
16.21	2.00	0.00	0.00	0.01	0.00	16.22	2.00	0.00	0.00	0.01	0.00
16.23	2.00	0.00	0.00	0.01	0.00	16.24	2.00	0.00	0.00	0.01	0.00
16.25	2.00	0.00	0.00	0.01	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.27	2.00	0.00	0.00	0.01	0.00	16.28	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.01	0.00	16.30	2.00	0.00	0.00	0.01	0.00
16.31	2.00	0.00	0.00	0.01	0.00	16.32	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.33	2.00	0.00	0.00	0.01	0.00	16.34	2.00	0.00	0.00	0.01	0.00
16.35	2.00	0.00	0.00	0.01	0.00	16.36	2.00	0.00	0.00	0.01	0.00
16.37	2.00	0.00	0.00	0.01	0.00	16.38	2.00	0.00	0.00	0.01	0.00
16.39	2.00	0.00	0.00	0.01	0.00	16.40	2.00	0.00	0.00	0.01	0.00
16.41	2.00	0.00	0.00	0.01	0.00	16.42	2.00	0.00	0.00	0.01	0.00
16.43	2.00	0.00	0.00	0.01	0.00	16.44	2.00	0.00	0.00	0.01	0.00
16.45	2.00	0.00	0.00	0.01	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.47	2.00	0.00	0.00	0.01	0.00	16.48	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.01	0.00	16.50	2.00	0.00	0.00	0.01	0.00
16.51	2.00	0.00	0.00	0.01	0.00	16.52	2.00	0.00	0.00	0.01	0.00
16.53	2.00	0.00	0.00	0.01	0.00	16.54	2.00	0.00	0.00	0.01	0.00
16.55	2.00	0.00	0.00	0.01	0.00	16.56	2.00	0.00	0.00	0.01	0.00
16.57	2.00	0.00	0.00	0.01	0.00	16.58	2.00	0.00	0.00	0.01	0.00
16.59	2.00	0.00	0.00	0.01	0.00	16.60	2.00	0.00	0.00	0.01	0.00
16.61	2.00	0.00	0.00	0.01	0.00	16.62	2.00	0.00	0.00	0.01	0.00
16.63	2.00	0.00	0.00	0.01	0.00	16.64	2.00	0.00	0.00	0.01	0.00
16.65	2.00	0.00	0.00	0.01	0.00	16.66	2.00	0.00	0.00	0.01	0.00
16.67	2.00	0.00	0.00	0.01	0.00	16.68	2.00	0.00	0.00	0.01	0.00
16.69	2.00	0.00	0.00	0.01	0.00	16.70	2.00	0.00	0.00	0.01	0.00
16.71	2.00	0.00	0.00	0.01	0.00	16.72	2.00	0.00	0.00	0.01	0.00
16.73	2.00	0.00	0.00	0.01	0.00	16.74	2.00	0.00	0.00	0.01	0.00
16.75	2.00	0.00	0.00	0.01	0.00	16.76	2.00	0.00	0.00	0.01	0.00
16.77	2.00	0.00	0.00	0.01	0.00	16.78	2.00	0.00	0.00	0.01	0.00
16.79	2.00	0.00	0.00	0.01	0.00	16.80	2.00	0.00	0.00	0.01	0.00
16.81	2.00	0.00	0.00	0.01	0.00	16.82	2.00	0.00	0.00	0.01	0.00
16.83	2.00	0.00	0.00	0.01	0.00	16.84	2.00	0.00	0.00	0.01	0.00
16.85	2.00	0.00	0.00	0.01	0.00	16.86	2.00	0.00	0.00	0.01	0.00
16.87	2.00	0.00	0.00	0.01	0.00	16.88	2.00	0.00	0.00	0.01	0.00
16.89	2.00	0.00	0.00	0.01	0.00	16.90	2.00	0.00	0.00	0.01	0.00
16.91	2.00	0.00	0.00	0.01	0.00	16.92	2.00	0.00	0.00	0.01	0.00
16.93	2.00	0.00	0.00	0.01	0.00	16.94	2.00	0.00	0.00	0.01	0.00
16.95	2.00	0.00	0.00	0.01	0.00	16.96	2.00	0.00	0.00	0.01	0.00
16.97	2.00	0.00	0.00	0.01	0.00	16.98	2.00	0.00	0.00	0.01	0.00
16.99	2.00	0.00	0.00	0.01	0.00	17.00	2.00	0.00	0.00	0.01	0.00
17.01	2.00	0.00	0.00	0.01	0.00	17.02	2.00	0.00	0.00	0.01	0.00
17.03	2.00	0.00	0.00	0.01	0.00	17.04	2.00	0.00	0.00	0.01	0.00
17.05	2.00	0.00	0.00	0.01	0.00	17.06	2.00	0.00	0.00	0.01	0.00
17.07	2.00	0.00	0.00	0.01	0.00	17.08	2.00	0.00	0.00	0.01	0.00
17.09	2.00	0.00	0.00	0.01	0.00	17.10	2.00	0.00	0.00	0.01	0.00
17.11	2.00	0.00	0.00	0.01	0.00	17.12	2.00	0.00	0.00	0.01	0.00
17.13	2.00	0.00	0.00	0.01	0.00	17.14	2.00	0.00	0.00	0.01	0.00
17.15	2.00	0.00	0.00	0.01	0.00	17.16	2.00	0.00	0.00	0.01	0.00
17.17	2.00	0.00	0.00	0.01	0.00	17.18	2.00	0.00	0.00	0.01	0.00
17.19	2.00	0.00	0.00	0.01	0.00	17.20	2.00	0.00	0.00	0.01	0.00
17.21	2.00	0.00	0.00	0.01	0.00	17.22	2.00	0.00	0.00	0.01	0.00
17.23	2.00	0.00	0.00	0.01	0.00	17.24	2.00	0.00	0.00	0.01	0.00
17.25	2.00	0.00	0.00	0.01	0.00	17.26	2.00	0.00	0.00	0.01	0.00
17.27	2.00	0.00	0.00	0.01	0.00	17.28	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.29	2.00	0.00	0.00	0.01	0.00	17.30	2.00	0.00	0.00	0.01	0.00
17.31	2.00	0.00	0.00	0.01	0.00	17.32	2.00	0.00	0.00	0.01	0.00
17.33	2.00	0.00	0.00	0.01	0.00	17.34	2.00	0.00	0.00	0.01	0.00
17.35	2.00	0.00	0.00	0.01	0.00	17.36	2.00	0.00	0.00	0.01	0.00
17.37	2.00	0.00	0.00	0.01	0.00	17.38	2.00	0.00	0.00	0.01	0.00
17.39	2.00	0.00	0.00	0.01	0.00	17.40	2.00	0.00	0.00	0.01	0.00
17.41	2.00	0.00	0.00	0.01	0.00	17.42	2.00	0.00	0.00	0.01	0.00
17.43	2.00	0.00	0.00	0.01	0.00	17.44	2.00	0.00	0.00	0.01	0.00
17.45	2.00	0.00	0.00	0.01	0.00	17.46	2.00	0.00	0.00	0.01	0.00
17.47	2.00	0.00	0.00	0.01	0.00	17.48	2.00	0.00	0.00	0.01	0.00
17.49	2.00	0.00	0.00	0.01	0.00	17.50	2.00	0.00	0.00	0.01	0.00
17.51	2.00	0.00	0.00	0.01	0.00	17.52	2.00	0.00	0.00	0.01	0.00
17.53	2.00	0.00	0.00	0.01	0.00	17.54	2.00	0.00	0.00	0.01	0.00
17.55	2.00	0.00	0.00	0.01	0.00	17.56	2.00	0.00	0.00	0.01	0.00
17.57	2.00	0.00	0.00	0.01	0.00	17.58	2.00	0.00	0.00	0.01	0.00
17.59	2.00	0.00	0.00	0.01	0.00	17.60	2.00	0.00	0.00	0.01	0.00
17.61	2.00	0.00	0.00	0.01	0.00	17.62	2.00	0.00	0.00	0.01	0.00
17.63	2.00	0.00	0.00	0.01	0.00	17.64	2.00	0.00	0.00	0.01	0.00
17.65	2.00	0.00	0.00	0.01	0.00	17.66	2.00	0.00	0.00	0.01	0.00
17.67	2.00	0.00	0.00	0.01	0.00	17.68	2.00	0.00	0.00	0.01	0.00
17.69	2.00	0.00	0.00	0.01	0.00	17.70	2.00	0.00	0.00	0.01	0.00
17.71	2.00	0.00	0.00	0.01	0.00	17.72	2.00	0.00	0.00	0.01	0.00
17.73	2.00	0.00	0.00	0.01	0.00	17.74	2.00	0.00	0.00	0.01	0.00
17.75	2.00	0.00	0.00	0.01	0.00	17.76	2.00	0.00	0.00	0.01	0.00
17.77	2.00	0.00	0.00	0.01	0.00	17.78	2.00	0.00	0.00	0.01	0.00
17.79	2.00	0.00	0.00	0.01	0.00	17.80	2.00	0.00	0.00	0.01	0.00
17.81	2.00	0.00	0.00	0.01	0.00	17.82	2.00	0.00	0.00	0.01	0.00
17.83	2.00	0.00	0.00	0.01	0.00	17.84	2.00	0.00	0.00	0.01	0.00
17.85	2.00	0.00	0.00	0.01	0.00	17.86	2.00	0.00	0.00	0.01	0.00
17.87	2.00	0.00	0.00	0.01	0.00	17.88	2.00	0.00	0.00	0.01	0.00
17.89	2.00	0.00	0.00	0.01	0.00	17.90	2.00	0.00	0.00	0.01	0.00
17.91	2.00	0.00	0.00	0.01	0.00	17.92	2.00	0.00	0.00	0.01	0.00
17.93	2.00	0.00	0.00	0.01	0.00	17.94	2.00	0.00	0.00	0.01	0.00
17.95	2.00	0.00	0.00	0.01	0.00	17.96	2.00	0.00	0.00	0.01	0.00
17.97	2.00	0.00	0.00	0.01	0.00	17.98	2.00	0.00	0.00	0.01	0.00
17.99	2.00	0.00	0.00	0.01	0.00	18.00	2.00	0.00	0.00	0.01	0.00

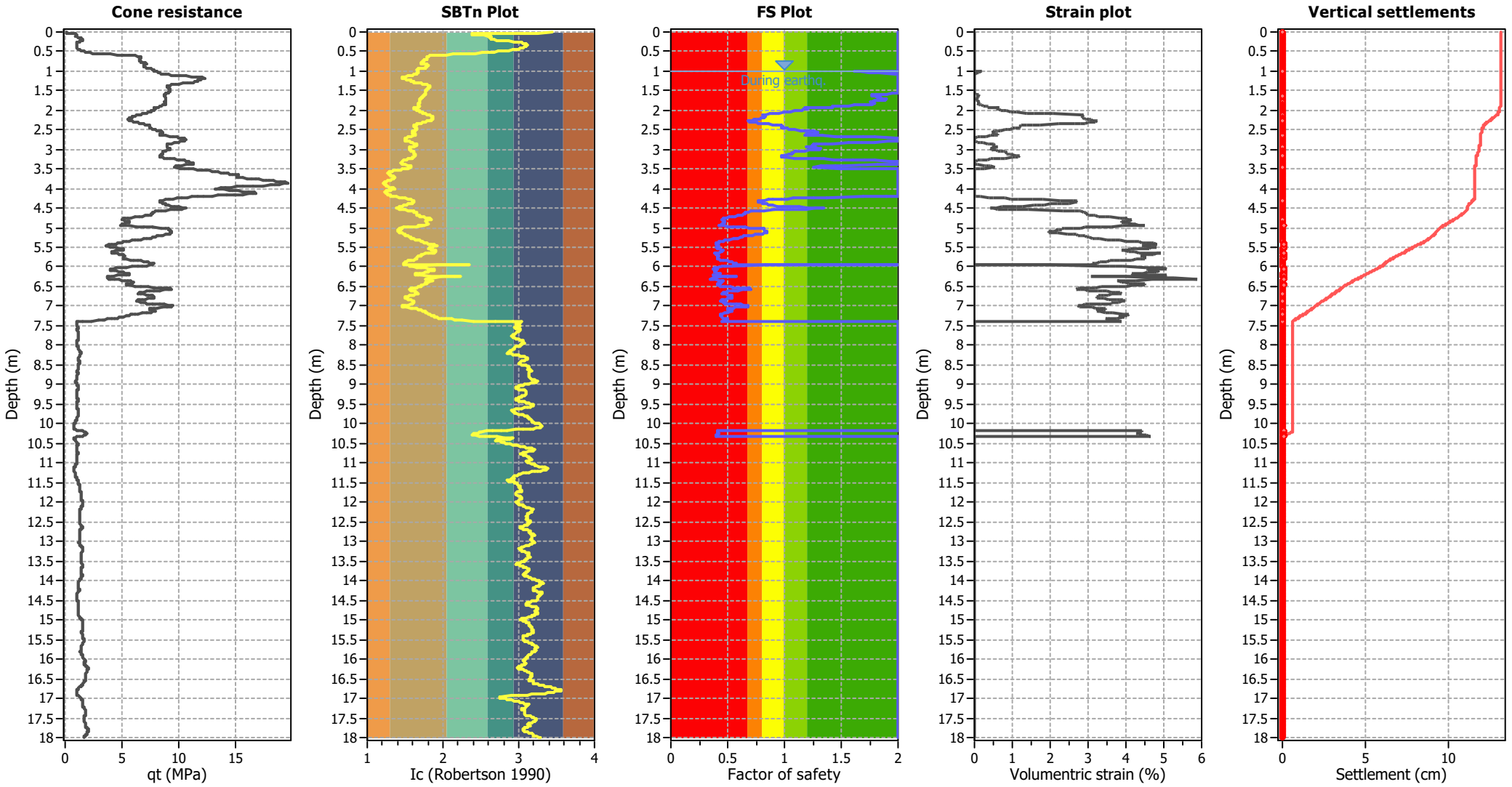
Overall liquefaction potential: 10.84

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	132.21	2.00	0.00	1.00	0.00	1.01	133.21	1.62	0.18	1.00	0.00
1.02	134.56	1.66	0.16	1.00	0.00	1.03	135.23	1.67	0.15	1.00	0.00
1.04	137.41	1.74	0.11	1.00	0.00	1.05	138.58	1.78	0.10	1.00	0.00
1.06	139.93	1.83	0.07	1.00	0.00	1.07	143.45	1.98	0.01	1.00	0.00
1.08	145.29	2.00	0.00	1.00	0.00	1.09	147.48	2.00	0.00	1.00	0.00
1.10	152.84	2.00	0.00	1.00	0.00	1.11	156.37	2.00	0.00	1.00	0.00
1.12	164.59	2.00	0.00	1.00	0.00	1.13	169.12	2.00	0.00	1.00	0.00
1.14	180.70	2.00	0.00	1.00	0.00	1.15	186.74	2.00	0.00	1.00	0.00
1.16	193.45	2.00	0.00	1.00	0.00	1.17	204.69	2.00	0.00	1.00	0.00
1.18	207.71	2.00	0.00	1.00	0.00	1.19	208.69	2.00	0.00	1.00	0.00
1.20	206.03	2.00	0.00	1.00	0.00	1.21	204.35	2.00	0.00	1.00	0.00
1.22	199.32	2.00	0.00	1.00	0.00	1.23	197.64	2.00	0.00	1.00	0.00
1.24	196.97	2.00	0.00	1.00	0.00	1.25	196.63	2.00	0.00	1.00	0.00
1.26	196.30	2.00	0.00	1.00	0.00	1.27	195.63	2.00	0.00	1.00	0.00
1.28	192.94	2.00	0.00	1.00	0.00	1.29	190.76	2.00	0.00	1.00	0.00
1.30	187.91	2.00	0.00	1.00	0.00	1.31	179.69	2.00	0.00	1.00	0.00
1.32	174.99	2.00	0.00	1.00	0.00	1.33	166.94	2.00	0.00	1.00	0.00
1.34	163.76	2.00	0.00	1.00	0.00	1.35	161.27	2.00	0.00	1.00	0.00
1.36	157.58	2.00	0.00	1.00	0.00	1.37	157.81	2.00	0.00	1.00	0.00
1.38	157.69	2.00	0.00	1.00	0.00	1.39	157.18	2.00	0.00	1.00	0.00
1.40	157.43	2.00	0.00	1.00	0.00	1.41	157.09	2.00	0.00	1.00	0.00
1.42	157.35	2.00	0.00	1.00	0.00	1.43	156.78	2.00	0.00	1.00	0.00
1.44	156.70	2.00	0.00	1.00	0.00	1.45	156.64	2.00	0.00	1.00	0.00
1.46	156.36	2.00	0.00	1.00	0.00	1.47	156.75	2.00	0.00	1.00	0.00
1.48	156.72	2.00	0.00	1.00	0.00	1.49	156.74	2.00	0.00	1.00	0.00
1.50	156.35	2.00	0.00	1.00	0.00	1.51	155.66	2.00	0.00	1.00	0.00
1.52	155.15	2.00	0.00	1.00	0.00	1.53	154.13	2.00	0.00	1.00	0.00
1.54	153.60	2.00	0.00	1.00	0.00	1.55	152.40	2.00	0.00	1.00	0.00
1.56	151.72	2.00	0.00	1.00	0.00	1.57	151.03	2.00	0.00	1.00	0.00
1.58	149.68	1.94	0.02	1.00	0.00	1.59	148.84	1.89	0.04	1.00	0.00
1.60	148.16	1.86	0.06	1.00	0.00	1.61	147.15	1.80	0.09	1.00	0.00
1.62	146.65	1.77	0.10	1.00	0.00	1.63	146.64	1.77	0.10	1.00	0.00
1.64	146.64	1.77	0.10	1.00	0.00	1.65	146.97	1.78	0.10	1.00	0.00
1.66	147.48	1.80	0.09	1.00	0.00	1.67	148.15	1.82	0.08	1.00	0.00
1.68	148.48	1.84	0.07	1.00	0.00	1.69	148.65	1.84	0.07	1.00	0.00
1.70	149.15	1.86	0.06	1.00	0.00	1.71	149.49	1.88	0.05	1.00	0.00
1.72	149.66	1.88	0.05	1.00	0.00	1.73	149.99	1.89	0.04	1.00	0.00
1.74	149.82	1.88	0.05	1.00	0.00	1.75	149.49	1.86	0.06	1.00	0.00
1.76	148.65	1.81	0.08	1.00	0.00	1.77	148.31	1.79	0.09	1.00	0.00
1.78	147.81	1.77	0.10	1.00	0.00	1.79	147.64	1.75	0.11	1.00	0.00
1.80	147.64	1.75	0.11	1.00	0.00	1.81	147.98	1.76	0.11	1.00	0.00
1.82	148.65	1.79	0.09	1.00	0.00	1.83	148.82	1.80	0.09	1.00	0.00
1.84	148.82	1.79	0.09	1.00	0.00	1.85	148.31	1.77	0.11	1.00	0.00
1.86	147.81	1.74	0.12	1.00	0.00	1.87	147.14	1.71	0.14	1.00	0.00
1.88	144.96	1.61	0.20	1.00	0.00	1.89	143.95	1.57	0.22	1.00	0.00
1.90	141.44	1.47	0.30	1.00	0.00	1.91	140.26	1.43	0.33	1.00	0.00
1.92	140.26	1.43	0.33	1.00	0.00	1.93	140.26	1.42	0.34	1.00	0.00
1.94	131.37	1.18	0.65	1.00	0.01	1.95	132.88	1.21	0.59	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	133.05	1.21	0.59	1.00	0.01	1.97	132.71	1.20	0.61	1.00	0.01
1.98	132.38	1.19	0.62	1.00	0.01	1.99	131.37	1.17	0.67	1.00	0.01
2.00	130.87	1.15	0.69	1.00	0.01	2.01	129.36	1.12	0.77	1.00	0.01
2.02	129.02	1.11	0.79	1.00	0.01	2.03	128.18	1.09	0.83	1.00	0.01
2.04	126.17	1.05	0.95	1.00	0.01	2.05	124.99	1.02	1.03	1.00	0.01
2.06	123.65	1.00	1.13	1.00	0.01	2.07	120.63	0.95	1.40	1.00	0.01
2.08	119.12	0.92	1.57	1.00	0.02	2.09	117.29	0.90	1.84	1.00	0.02
2.10	116.07	0.88	2.07	1.00	0.02	2.11	112.72	0.83	2.84	1.00	0.03
2.12	112.29	0.83	2.85	1.00	0.03	2.13	112.53	0.83	2.84	1.00	0.03
2.14	111.25	0.81	2.88	1.00	0.03	2.15	112.29	0.82	2.85	1.00	0.03
2.16	112.39	0.82	2.85	1.00	0.03	2.17	112.90	0.83	2.83	1.00	0.03
2.18	112.33	0.82	2.85	1.00	0.03	2.19	112.48	0.82	2.84	1.00	0.03
2.20	111.98	0.81	2.86	1.00	0.03	2.21	110.36	0.79	2.90	1.00	0.03
2.22	109.39	0.78	2.93	1.00	0.03	2.23	107.78	0.76	2.97	1.00	0.03
2.24	106.10	0.75	3.02	1.00	0.03	2.25	104.29	0.73	3.08	1.00	0.03
2.26	102.74	0.71	3.13	1.00	0.03	2.27	100.43	0.69	3.20	1.00	0.03
2.28	99.91	0.69	3.22	1.00	0.03	2.29	99.64	0.68	3.22	1.00	0.03
2.30	100.89	0.69	3.18	1.00	0.03	2.31	105.36	0.73	3.04	1.00	0.03
2.32	107.55	0.75	2.98	1.00	0.03	2.33	109.56	0.77	2.92	1.00	0.03
2.34	113.42	0.82	2.82	1.00	0.03	2.35	115.26	0.84	2.66	1.00	0.03
2.36	116.94	0.86	2.24	1.00	0.02	2.37	119.96	0.90	1.72	1.00	0.02
2.38	121.64	0.92	1.52	1.00	0.02	2.39	122.81	0.94	1.40	1.00	0.01
2.40	124.66	0.97	1.24	1.00	0.01	2.41	125.33	0.98	1.19	1.00	0.01
2.42	125.50	0.98	1.18	1.00	0.01	2.43	125.50	0.98	1.18	1.00	0.01
2.44	125.66	0.98	1.17	1.00	0.01	2.45	125.66	0.98	1.18	1.00	0.01
2.46	126.84	1.00	1.09	1.00	0.01	2.47	128.01	1.02	1.02	1.00	0.01
2.48	128.68	1.03	0.98	1.00	0.01	2.49	129.20	1.04	0.95	1.00	0.01
2.50	130.56	1.07	0.87	1.00	0.01	2.51	131.51	1.09	0.82	1.00	0.01
2.52	134.17	1.15	0.70	1.00	0.01	2.53	135.77	1.18	0.63	1.00	0.01
2.54	137.10	1.22	0.58	1.00	0.01	2.55	138.42	1.25	0.53	1.00	0.01
2.56	139.77	1.29	0.48	1.00	0.00	2.57	140.03	1.30	0.47	1.00	0.00
2.58	139.53	1.28	0.49	1.00	0.00	2.59	138.90	1.26	0.51	1.00	0.01
2.60	138.03	1.23	0.55	1.00	0.01	2.61	137.28	1.21	0.58	1.00	0.01
2.62	136.58	1.19	0.61	1.00	0.01	2.63	136.08	1.18	0.63	1.00	0.01
2.64	137.03	1.20	0.60	1.00	0.01	2.65	138.91	1.25	0.52	1.00	0.01
2.66	141.52	1.33	0.43	1.00	0.00	2.67	144.97	1.45	0.32	1.00	0.00
2.68	150.94	1.69	0.15	1.00	0.00	2.69	153.10	1.80	0.09	1.00	0.00
2.70	157.04	2.00	0.00	1.00	0.00	2.71	158.46	2.00	0.00	1.00	0.00
2.72	159.87	2.00	0.00	1.00	0.00	2.73	161.04	2.00	0.00	1.00	0.00
2.74	161.38	2.00	0.00	1.00	0.00	2.75	161.73	2.00	0.00	1.00	0.00
2.76	161.60	2.00	0.00	1.00	0.00	2.77	161.60	2.00	0.00	1.00	0.00
2.78	161.00	2.00	0.00	1.00	0.00	2.79	159.58	2.00	0.00	1.00	0.00
2.80	158.40	2.00	0.00	1.00	0.00	2.81	155.55	1.91	0.04	1.00	0.00
2.82	153.40	1.79	0.09	1.00	0.00	2.83	151.24	1.68	0.15	1.00	0.00
2.84	148.71	1.57	0.22	1.00	0.00	2.85	144.96	1.42	0.34	1.00	0.00
2.86	143.26	1.36	0.40	1.00	0.00	2.87	140.81	1.28	0.48	1.00	0.00
2.88	139.96	1.26	0.52	1.00	0.01	2.89	139.47	1.24	0.54	1.00	0.01
2.90	140.08	1.26	0.51	1.00	0.01	2.91	140.58	1.27	0.50	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	140.46	1.27	0.50	1.00	0.01	2.93	140.34	1.26	0.51	1.00	0.01
2.94	137.77	1.19	0.61	1.00	0.01	2.95	139.75	1.24	0.53	1.00	0.01
2.96	141.71	1.30	0.46	1.00	0.00	2.97	142.08	1.31	0.45	1.00	0.00
2.98	142.33	1.32	0.44	1.00	0.00	2.99	142.34	1.32	0.44	1.00	0.00
3.00	142.11	1.31	0.45	1.00	0.00	3.01	142.00	1.31	0.46	1.00	0.00
3.02	141.40	1.29	0.48	1.00	0.00	3.03	138.85	1.21	0.58	1.00	0.01
3.04	137.64	1.18	0.63	1.00	0.01	3.05	136.55	1.15	0.68	1.00	0.01
3.06	134.84	1.11	0.76	1.00	0.01	3.07	133.87	1.09	0.82	1.00	0.01
3.08	133.40	1.07	0.84	1.00	0.01	3.09	133.17	1.07	0.86	1.00	0.01
3.10	133.31	1.07	0.85	1.00	0.01	3.11	133.32	1.07	0.85	1.00	0.01
3.12	132.85	1.06	0.88	1.00	0.01	3.13	132.37	1.05	0.91	1.00	0.01
3.14	131.65	1.03	0.96	1.00	0.01	3.15	130.06	1.00	1.06	1.00	0.01
3.16	129.21	0.98	1.13	1.00	0.01	3.17	128.74	0.97	1.17	1.00	0.01
3.18	128.51	0.97	1.19	1.00	0.01	3.19	129.15	0.98	1.14	1.00	0.01
3.20	130.04	1.00	1.08	1.00	0.01	3.21	131.17	1.02	1.00	1.00	0.01
3.22	134.63	1.09	0.80	1.00	0.01	3.23	136.72	1.14	0.70	1.00	0.01
3.24	141.45	1.27	0.50	1.00	0.01	3.25	143.74	1.34	0.42	1.00	0.00
3.26	146.38	1.43	0.33	1.00	0.00	3.27	150.65	1.60	0.20	1.00	0.00
3.28	152.78	1.70	0.14	1.00	0.00	3.29	154.54	1.79	0.09	1.00	0.00
3.30	157.11	1.94	0.03	1.00	0.00	3.31	158.05	1.99	0.00	1.00	0.00
3.32	158.87	2.00	0.00	1.00	0.00	3.33	160.15	2.00	0.00	1.00	0.00
3.34	162.80	2.00	0.00	1.00	0.00	3.35	163.27	2.00	0.00	1.00	0.00
3.36	163.62	2.00	0.00	1.00	0.00	3.37	162.94	2.00	0.00	1.00	0.00
3.38	161.34	2.00	0.00	1.00	0.00	3.39	158.59	2.00	0.00	1.00	0.00
3.40	155.36	1.82	0.08	1.00	0.00	3.41	149.19	1.53	0.25	1.00	0.00
3.42	147.08	1.44	0.32	1.00	0.00	3.43	145.09	1.37	0.39	1.00	0.00
3.44	143.56	1.32	0.44	1.00	0.00	3.45	141.44	1.25	0.52	1.00	0.01
3.46	141.81	1.26	0.51	1.00	0.01	3.47	142.54	1.29	0.48	1.00	0.00
3.48	148.33	1.49	0.28	1.00	0.00	3.49	152.43	1.67	0.16	1.00	0.00
3.50	156.85	1.90	0.04	1.00	0.00	3.51	160.07	2.00	0.00	1.00	0.00
3.52	166.45	2.00	0.00	1.00	0.00	3.53	169.85	2.00	0.00	1.00	0.00
3.54	173.10	2.00	0.00	1.00	0.00	3.55	178.56	2.00	0.00	1.00	0.00
3.56	180.57	2.00	0.00	1.00	0.00	3.57	182.24	2.00	0.00	1.00	0.00
3.58	185.90	2.00	0.00	1.00	0.00	3.59	187.99	2.00	0.00	1.00	0.00
3.60	190.30	2.00	0.00	1.00	0.00	3.61	193.69	2.00	0.00	1.00	0.00
3.62	195.21	2.00	0.00	1.00	0.00	3.63	196.73	2.00	0.00	1.00	0.00
3.64	198.67	2.00	0.00	1.00	0.00	3.65	202.54	2.00	0.00	1.00	0.00
3.66	204.36	2.00	0.00	1.00	0.00	3.67	205.20	2.00	0.00	1.00	0.00
3.68	203.81	2.00	0.00	1.00	0.00	3.69	202.19	2.00	0.00	1.00	0.00
3.70	201.32	2.00	0.00	1.00	0.00	3.71	202.07	2.00	0.00	1.00	0.00
3.72	203.77	2.00	0.00	1.00	0.00	3.73	206.43	2.00	0.00	1.00	0.00
3.74	212.46	2.00	0.00	1.00	0.00	3.75	215.70	2.00	0.00	1.00	0.00
3.76	218.40	2.00	0.00	1.00	0.00	3.77	223.27	2.00	0.00	1.00	0.00
3.78	225.53	2.00	0.00	1.00	0.00	3.79	226.99	2.00	0.00	1.00	0.00
3.80	231.56	2.00	0.00	1.00	0.00	3.81	233.83	2.00	0.00	1.00	0.00
3.82	236.61	2.00	0.00	1.00	0.00	3.83	242.05	2.00	0.00	1.00	0.00
3.84	244.81	2.00	0.00	1.00	0.00	3.85	247.56	2.00	0.00	1.00	0.00
3.86	248.30	2.00	0.00	1.00	0.00	3.87	246.41	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	244.26	2.00	0.00	1.00	0.00	3.89	238.40	2.00	0.00	1.00	0.00
3.90	234.89	2.00	0.00	1.00	0.00	3.91	230.85	2.00	0.00	1.00	0.00
3.92	230.74	2.00	0.00	1.00	0.00	3.93	230.64	2.00	0.00	1.00	0.00
3.94	209.13	2.00	0.00	1.00	0.00	3.95	204.79	2.00	0.00	1.00	0.00
3.96	200.75	2.00	0.00	1.00	0.00	3.97	192.16	2.00	0.00	1.00	0.00
3.98	187.81	2.00	0.00	1.00	0.00	3.99	183.49	2.00	0.00	1.00	0.00
4.00	177.94	2.00	0.00	1.00	0.00	4.01	177.08	2.00	0.00	1.00	0.00
4.02	179.82	2.00	0.00	1.00	0.00	4.03	187.96	2.00	0.00	1.00	0.00
4.04	191.20	2.00	0.00	1.00	0.00	4.05	194.90	2.00	0.00	1.00	0.00
4.06	195.76	2.00	0.00	1.00	0.00	4.07	199.41	2.00	0.00	1.00	0.00
4.08	202.71	2.00	0.00	1.00	0.00	4.09	210.95	2.00	0.00	1.00	0.00
4.10	214.30	2.00	0.00	1.00	0.00	4.11	217.32	2.00	0.00	1.00	0.00
4.12	216.18	2.00	0.00	1.00	0.00	4.13	212.84	2.00	0.00	1.00	0.00
4.14	209.59	2.00	0.00	1.00	0.00	4.15	201.78	2.00	0.00	1.00	0.00
4.16	196.65	2.00	0.00	1.00	0.00	4.17	186.29	2.00	0.00	1.00	0.00
4.18	181.23	2.00	0.00	1.00	0.00	4.19	170.97	2.00	0.00	1.00	0.00
4.20	166.14	2.00	0.00	1.00	0.00	4.21	157.79	1.90	0.04	1.00	0.00
4.22	153.98	1.69	0.15	1.00	0.00	4.23	146.50	1.38	0.38	1.00	0.00
4.24	142.86	1.26	0.52	1.00	0.01	4.25	136.41	1.08	0.81	1.00	0.01
4.26	133.76	1.02	0.97	1.00	0.01	4.27	131.21	0.97	1.15	1.00	0.01
4.28	127.00	0.90	1.54	1.00	0.02	4.29	125.02	0.87	1.80	1.00	0.02
4.30	122.33	0.83	2.28	1.00	0.02	4.31	121.05	0.81	2.60	1.00	0.03
4.32	118.97	0.78	2.68	1.00	0.03	4.33	118.53	0.77	2.69	1.00	0.03
4.34	118.69	0.78	2.69	1.00	0.03	4.35	119.09	0.78	2.68	1.00	0.03
4.36	119.85	0.79	2.66	1.00	0.03	4.37	121.52	0.81	2.50	1.00	0.02
4.38	122.39	0.82	2.29	1.00	0.02	4.39	122.79	0.83	2.21	1.00	0.02
4.40	124.01	0.85	1.98	1.00	0.02	4.41	124.76	0.86	1.86	1.00	0.02
4.42	125.27	0.87	1.79	1.00	0.02	4.43	126.38	0.88	1.64	1.00	0.02
4.44	127.01	0.89	1.57	1.00	0.02	4.45	129.74	0.94	1.29	1.00	0.01
4.46	132.00	0.98	1.11	1.00	0.01	4.47	138.63	1.13	0.71	1.00	0.01
4.48	141.65	1.21	0.58	1.00	0.01	4.49	145.57	1.33	0.42	1.00	0.00
4.50	145.83	1.34	0.42	1.00	0.00	4.51	143.59	1.27	0.50	1.00	0.01
4.52	141.23	1.20	0.60	1.00	0.01	4.53	135.17	1.05	0.90	1.00	0.01
4.54	132.08	0.98	1.11	1.00	0.01	4.55	128.52	0.91	1.42	1.00	0.01
4.56	122.46	0.82	2.36	1.00	0.02	4.57	119.80	0.78	2.66	1.00	0.03
4.58	115.05	0.72	2.78	1.00	0.03	4.59	113.41	0.70	2.82	1.00	0.03
4.60	110.67	0.68	2.89	1.00	0.03	4.61	109.63	0.67	2.92	1.00	0.03
4.62	109.07	0.66	2.94	1.00	0.03	4.63	108.51	0.65	2.95	1.00	0.03
4.64	108.43	0.65	2.96	1.00	0.03	4.65	108.00	0.65	2.97	1.00	0.03
4.66	107.68	0.65	2.98	1.00	0.03	4.67	106.27	0.63	3.02	1.00	0.03
4.68	105.22	0.62	3.05	1.00	0.03	4.69	102.12	0.60	3.14	1.00	0.03
4.70	100.16	0.58	3.21	1.00	0.03	4.71	98.18	0.57	3.27	1.00	0.03
4.72	93.01	0.54	3.46	1.00	0.03	4.73	90.07	0.52	3.57	1.00	0.04
4.74	83.66	0.48	3.84	1.00	0.04	4.75	81.60	0.47	3.93	1.00	0.04
4.76	80.65	0.47	3.98	1.00	0.04	4.77	79.34	0.46	4.04	1.00	0.04
4.78	79.77	0.46	4.02	1.00	0.04	4.79	79.24	0.46	4.05	1.00	0.04
4.80	78.45	0.46	4.08	1.00	0.04	4.81	77.33	0.45	4.14	1.00	0.04
4.82	79.00	0.46	4.06	1.00	0.04	4.83	80.29	0.47	4.00	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	82.11	0.47	3.91	1.00	0.04	4.85	82.37	0.48	3.90	1.00	0.04
4.86	82.37	0.48	3.90	1.00	0.04	4.87	80.38	0.47	3.99	1.00	0.04
4.88	79.43	0.46	4.04	1.00	0.04	4.89	76.92	0.45	4.16	1.00	0.04
4.90	76.22	0.45	4.20	1.00	0.04	4.91	75.43	0.44	4.24	1.00	0.04
4.92	75.38	0.44	4.24	1.00	0.04	4.93	73.81	0.44	4.33	1.00	0.04
4.94	70.81	0.42	4.50	1.00	0.05	4.95	72.97	0.43	4.38	1.00	0.04
4.96	82.01	0.47	3.91	1.00	0.04	4.97	88.72	0.51	3.62	1.00	0.04
4.98	96.04	0.55	3.35	1.00	0.03	4.99	109.08	0.65	2.94	1.00	0.03
5.00	113.78	0.70	2.81	1.00	0.03	5.01	122.19	0.80	2.60	1.00	0.03
5.02	123.29	0.81	2.37	1.00	0.02	5.03	123.58	0.82	2.30	1.00	0.02
5.04	123.62	0.82	2.30	1.00	0.02	5.05	123.91	0.82	2.24	1.00	0.02
5.06	124.31	0.83	2.16	1.00	0.02	5.07	124.25	0.83	2.17	1.00	0.02
5.08	124.65	0.83	2.10	1.00	0.02	5.09	124.82	0.83	2.07	1.00	0.02
5.10	125.34	0.84	1.98	1.00	0.02	5.11	125.50	0.84	1.95	1.00	0.02
5.12	125.55	0.84	1.95	1.00	0.02	5.13	125.25	0.84	2.00	1.00	0.02
5.14	124.26	0.82	2.20	1.00	0.02	5.15	123.15	0.81	2.45	1.00	0.02
5.16	122.15	0.79	2.60	1.00	0.03	5.17	120.92	0.77	2.63	1.00	0.03
5.18	118.40	0.74	2.69	1.00	0.03	5.19	116.58	0.72	2.74	1.00	0.03
5.20	114.52	0.70	2.79	1.00	0.03	5.21	112.46	0.68	2.84	1.00	0.03
5.22	109.09	0.64	2.94	1.00	0.03	5.23	107.72	0.63	2.98	1.00	0.03
5.24	106.59	0.62	3.01	1.00	0.03	5.25	105.58	0.61	3.04	1.00	0.03
5.26	103.03	0.59	3.12	1.00	0.03	5.27	101.23	0.58	3.17	1.00	0.03
5.28	99.30	0.56	3.24	1.00	0.03	5.29	96.90	0.55	3.32	1.00	0.03
5.30	91.71	0.52	3.51	1.00	0.04	5.31	88.85	0.50	3.62	1.00	0.04
5.32	85.98	0.48	3.74	1.00	0.04	5.33	83.35	0.47	3.85	1.00	0.04
5.34	80.58	0.46	3.98	1.00	0.04	5.35	75.55	0.44	4.23	1.00	0.04
5.36	73.75	0.43	4.33	1.00	0.04	5.37	72.00	0.42	4.43	1.00	0.04
5.38	70.46	0.42	4.52	1.00	0.05	5.39	67.74	0.41	4.69	1.00	0.05
5.40	66.88	0.40	4.74	1.00	0.05	5.41	66.05	0.40	4.80	1.00	0.05
5.42	66.06	0.40	4.80	1.00	0.05	5.43	67.96	0.41	4.67	1.00	0.05
5.44	68.48	0.41	4.64	1.00	0.05	5.45	71.03	0.42	4.49	1.00	0.04
5.46	71.89	0.42	4.44	1.00	0.04	5.47	71.20	0.42	4.48	1.00	0.04
5.48	70.18	0.41	4.54	1.00	0.05	5.49	68.01	0.41	4.67	1.00	0.05
5.50	66.19	0.40	4.79	1.00	0.05	5.51	68.32	0.41	4.65	1.00	0.05
5.52	69.13	0.41	4.60	1.00	0.05	5.53	74.56	0.43	4.29	1.00	0.04
5.54	75.96	0.44	4.21	1.00	0.04	5.55	77.55	0.44	4.13	1.00	0.04
5.56	79.65	0.45	4.03	1.00	0.04	5.57	82.34	0.46	3.90	1.00	0.04
5.58	81.65	0.46	3.93	1.00	0.04	5.59	81.12	0.46	3.96	1.00	0.04
5.60	78.64	0.45	4.08	1.00	0.04	5.61	77.14	0.44	4.15	1.00	0.04
5.62	75.35	0.43	4.24	1.00	0.04	5.63	73.43	0.42	4.35	1.00	0.04
5.64	70.32	0.41	4.53	1.00	0.05	5.65	64.43	0.39	4.91	1.00	0.05
5.66	65.83	0.40	4.81	1.00	0.05	5.67	67.15	0.40	4.73	1.00	0.05
5.68	68.49	0.40	4.64	1.00	0.05	5.69	69.57	0.41	4.57	1.00	0.05
5.70	70.73	0.41	4.51	1.00	0.05	5.71	72.30	0.42	4.41	1.00	0.04
5.72	72.63	0.42	4.40	1.00	0.04	5.73	71.84	0.42	4.44	1.00	0.04
5.74	71.31	0.41	4.47	1.00	0.04	5.75	70.78	0.41	4.50	1.00	0.05
5.76	70.37	0.41	4.53	1.00	0.05	5.77	70.59	0.41	4.51	1.00	0.05
5.78	71.05	0.41	4.49	1.00	0.04	5.79	71.51	0.41	4.46	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	72.96	0.42	4.38	1.00	0.04	5.81	74.78	0.43	4.28	1.00	0.04
5.82	77.19	0.44	4.15	1.00	0.04	5.83	83.83	0.47	3.83	1.00	0.04
5.84	87.16	0.48	3.69	1.00	0.04	5.85	89.87	0.50	3.58	1.00	0.04
5.86	92.09	0.51	3.49	1.00	0.03	5.87	95.90	0.53	3.35	1.00	0.03
5.88	97.47	0.54	3.30	1.00	0.03	5.89	99.16	0.55	3.24	1.00	0.03
5.90	100.83	0.56	3.19	1.00	0.03	5.91	103.08	0.58	3.11	1.00	0.03
5.92	103.03	0.58	3.12	1.00	0.03	5.93	102.99	0.58	3.12	1.00	0.03
5.94	99.40	0.55	3.23	1.00	0.03	5.95	165.37	2.00	0.00	1.00	0.00
5.96	126.58	0.83	1.99	1.00	0.02	5.97	96.78	0.53	3.32	1.00	0.03
5.98	89.85	0.49	3.58	1.00	0.04	5.99	85.88	0.47	3.74	1.00	0.04
6.00	81.76	0.45	3.93	1.00	0.04	6.01	70.05	0.41	4.55	1.00	0.05
6.02	66.35	0.39	4.78	1.00	0.05	6.03	62.97	0.38	5.01	1.00	0.05
6.04	61.97	0.38	5.09	1.00	0.05	6.05	63.97	0.38	4.94	1.00	0.05
6.06	68.25	0.40	4.66	1.00	0.05	6.07	69.70	0.40	4.57	1.00	0.05
6.08	69.50	0.40	4.58	1.00	0.05	6.09	67.20	0.39	4.72	1.00	0.05
6.10	66.28	0.39	4.78	1.00	0.05	6.11	64.82	0.39	4.88	1.00	0.05
6.12	65.85	0.39	4.81	1.00	0.05	6.13	66.64	0.39	4.76	1.00	0.05
6.14	69.78	0.40	4.56	1.00	0.05	6.15	71.19	0.41	4.48	1.00	0.04
6.16	72.25	0.41	4.42	1.00	0.04	6.17	76.09	0.43	4.21	1.00	0.04
6.18	77.13	0.43	4.15	1.00	0.04	6.19	76.01	0.43	4.21	1.00	0.04
6.20	72.95	0.41	4.38	1.00	0.04	6.21	69.02	0.40	4.61	1.00	0.05
6.22	62.03	0.38	5.08	1.00	0.05	6.23	63.12	0.38	5.00	1.00	0.05
6.24	102.92	0.57	3.12	1.00	0.03	6.25	104.39	0.58	3.07	1.00	0.03
6.26	81.15	0.45	3.95	1.00	0.04	6.27	66.43	0.39	4.77	1.00	0.05
6.28	64.57	0.38	4.90	1.00	0.05	6.29	59.33	0.37	5.29	1.00	0.05
6.30	52.38	0.34	5.90	1.00	0.06	6.31	55.79	0.35	5.58	1.00	0.06
6.32	61.71	0.37	5.10	1.00	0.05	6.33	67.55	0.39	4.70	1.00	0.05
6.34	75.08	0.42	4.26	1.00	0.04	6.35	80.40	0.44	3.99	1.00	0.04
6.36	85.39	0.47	3.76	1.00	0.04	6.37	84.57	0.46	3.80	1.00	0.04
6.38	82.96	0.45	3.87	1.00	0.04	6.39	81.16	0.45	3.95	1.00	0.04
6.40	80.29	0.44	3.99	1.00	0.04	6.41	78.28	0.43	4.09	1.00	0.04
6.42	76.45	0.43	4.19	1.00	0.04	6.43	74.20	0.42	4.31	1.00	0.04
6.44	70.90	0.40	4.50	1.00	0.04	6.45	70.82	0.40	4.50	1.00	0.04
6.46	71.74	0.41	4.45	1.00	0.04	6.47	73.02	0.41	4.37	1.00	0.04
6.48	76.69	0.43	4.17	1.00	0.04	6.49	80.09	0.44	4.00	1.00	0.04
6.50	84.76	0.46	3.79	1.00	0.04	6.51	95.60	0.52	3.36	1.00	0.03
6.52	100.76	0.55	3.19	1.00	0.03	6.53	106.09	0.59	3.02	1.00	0.03
6.54	114.86	0.67	2.78	1.00	0.03	6.55	117.04	0.70	2.73	1.00	0.03
6.56	118.32	0.71	2.70	1.00	0.03	6.57	117.93	0.71	2.71	1.00	0.03
6.58	113.37	0.66	2.82	1.00	0.03	6.59	110.16	0.63	2.91	1.00	0.03
6.60	106.36	0.59	3.02	1.00	0.03	6.61	98.45	0.54	3.26	1.00	0.03
6.62	94.59	0.51	3.40	1.00	0.03	6.63	91.43	0.50	3.52	1.00	0.04
6.64	88.83	0.48	3.62	1.00	0.04	6.65	86.34	0.47	3.72	1.00	0.04
6.66	83.49	0.46	3.85	1.00	0.04	6.67	82.97	0.45	3.87	1.00	0.04
6.68	83.28	0.45	3.86	1.00	0.04	6.69	84.28	0.46	3.81	1.00	0.04
6.70	88.89	0.48	3.62	1.00	0.04	6.71	91.27	0.49	3.52	1.00	0.04
6.72	93.87	0.51	3.43	1.00	0.03	6.73	96.15	0.52	3.34	1.00	0.03
6.74	98.25	0.53	3.27	1.00	0.03	6.75	98.88	0.54	3.25	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	99.39	0.54	3.23	1.00	0.03	6.77	99.68	0.54	3.22	1.00	0.03
6.78	99.41	0.54	3.23	1.00	0.03	6.79	97.91	0.53	3.28	1.00	0.03
6.80	95.83	0.52	3.35	1.00	0.03	6.81	93.57	0.51	3.44	1.00	0.03
6.82	91.01	0.49	3.53	1.00	0.04	6.83	85.66	0.46	3.75	1.00	0.04
6.84	83.65	0.45	3.84	1.00	0.04	6.85	82.10	0.45	3.91	1.00	0.04
6.86	80.78	0.44	3.97	1.00	0.04	6.87	80.74	0.44	3.97	1.00	0.04
6.88	81.64	0.45	3.93	1.00	0.04	6.89	82.76	0.45	3.88	1.00	0.04
6.90	84.11	0.46	3.82	1.00	0.04	6.91	89.14	0.48	3.61	1.00	0.04
6.92	89.09	0.48	3.61	1.00	0.04	6.93	89.05	0.48	3.61	1.00	0.04
6.94	96.23	0.52	3.34	1.00	0.03	6.95	105.42	0.58	3.04	1.00	0.03
6.96	109.17	0.61	2.93	1.00	0.03	6.97	111.91	0.64	2.86	1.00	0.03
6.98	116.08	0.68	2.75	1.00	0.03	6.99	115.58	0.67	2.76	1.00	0.03
7.00	116.52	0.68	2.74	1.00	0.03	7.01	115.58	0.67	2.76	1.00	0.03
7.02	113.31	0.65	2.82	1.00	0.03	7.03	103.15	0.57	3.11	1.00	0.03
7.04	100.99	0.55	3.18	1.00	0.03	7.05	97.03	0.52	3.31	1.00	0.03
7.06	93.44	0.50	3.44	1.00	0.03	7.07	92.48	0.50	3.48	1.00	0.03
7.08	92.43	0.50	3.48	1.00	0.03	7.09	93.63	0.50	3.43	1.00	0.03
7.10	95.88	0.52	3.35	1.00	0.03	7.11	98.73	0.54	3.26	1.00	0.03
7.12	99.34	0.54	3.23	1.00	0.03	7.13	98.50	0.53	3.26	1.00	0.03
7.14	98.27	0.53	3.27	1.00	0.03	7.15	97.46	0.53	3.30	1.00	0.03
7.16	92.99	0.50	3.46	1.00	0.03	7.17	90.33	0.49	3.56	1.00	0.04
7.18	87.79	0.47	3.66	1.00	0.04	7.19	81.90	0.45	3.92	1.00	0.04
7.20	81.09	0.44	3.96	1.00	0.04	7.21	79.90	0.44	4.01	1.00	0.04
7.22	78.84	0.43	4.07	1.00	0.04	7.23	79.20	0.43	4.05	1.00	0.04
7.24	80.94	0.44	3.96	1.00	0.04	7.25	82.31	0.45	3.90	1.00	0.04
7.26	83.96	0.45	3.83	1.00	0.04	7.27	81.25	0.44	3.95	1.00	0.04
7.28	81.65	0.44	3.93	1.00	0.04	7.29	82.15	0.45	3.91	1.00	0.04
7.30	85.42	0.46	3.76	1.00	0.04	7.31	90.56	0.49	3.55	1.00	0.04
7.32	90.83	0.49	3.54	1.00	0.04	7.33	92.50	0.50	3.48	1.00	0.03
7.34	88.70	0.48	3.62	1.00	0.04	7.35	92.10	0.50	3.49	1.00	0.03
7.36	92.33	0.50	3.48	1.00	0.03	7.37	92.20	0.50	3.49	1.00	0.03
7.38	82.45	0.45	3.89	1.00	0.04	7.39	18.10	2.00	0.00	1.00	0.00
7.40	13.41	2.00	0.00	1.00	0.00	7.41	12.66	2.00	0.00	1.00	0.00
7.42	12.78	2.00	0.00	1.00	0.00	7.43	13.14	2.00	0.00	1.00	0.00
7.44	13.13	2.00	0.00	1.00	0.00	7.45	13.12	2.00	0.00	1.00	0.00
7.46	13.36	2.00	0.00	1.00	0.00	7.47	13.47	2.00	0.00	1.00	0.00
7.48	13.10	2.00	0.00	1.00	0.00	7.49	12.97	2.00	0.00	1.00	0.00
7.50	13.08	2.00	0.00	1.00	0.00	7.51	13.07	2.00	0.00	1.00	0.00
7.52	13.31	2.00	0.00	1.00	0.00	7.53	13.54	2.00	0.00	1.00	0.00
7.54	13.66	2.00	0.00	1.00	0.00	7.55	13.65	2.00	0.00	1.00	0.00
7.56	13.64	2.00	0.00	1.00	0.00	7.57	13.51	2.00	0.00	1.00	0.00
7.58	13.50	2.00	0.00	1.00	0.00	7.59	13.25	2.00	0.00	1.00	0.00
7.60	13.00	2.00	0.00	1.00	0.00	7.61	12.99	2.00	0.00	1.00	0.00
7.62	13.11	2.00	0.00	1.00	0.00	7.63	13.22	2.00	0.00	1.00	0.00
7.64	13.33	2.00	0.00	1.00	0.00	7.65	13.44	2.00	0.00	1.00	0.00
7.66	13.92	2.00	0.00	1.00	0.00	7.67	14.03	2.00	0.00	1.00	0.00
7.68	14.14	2.00	0.00	1.00	0.00	7.69	14.02	2.00	0.00	1.00	0.00
7.70	14.13	2.00	0.00	1.00	0.00	7.71	14.12	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	14.35	2.00	0.00	1.00	0.00	7.73	14.35	2.00	0.00	1.00	0.00
7.74	14.46	2.00	0.00	1.00	0.00	7.75	14.45	2.00	0.00	1.00	0.00
7.76	14.44	2.00	0.00	1.00	0.00	7.77	14.55	2.00	0.00	1.00	0.00
7.78	14.54	2.00	0.00	1.00	0.00	7.79	14.41	2.00	0.00	1.00	0.00
7.80	14.28	2.00	0.00	1.00	0.00	7.81	14.15	2.00	0.00	1.00	0.00
7.82	14.03	2.00	0.00	1.00	0.00	7.83	14.02	2.00	0.00	1.00	0.00
7.84	13.89	2.00	0.00	1.00	0.00	7.85	13.76	2.00	0.00	1.00	0.00
7.86	13.51	2.00	0.00	1.00	0.00	7.87	13.27	2.00	0.00	1.00	0.00
7.88	12.90	2.00	0.00	1.00	0.00	7.89	12.77	2.00	0.00	1.00	0.00
7.90	12.76	2.00	0.00	1.00	0.00	7.91	12.64	2.00	0.00	1.00	0.00
7.92	12.63	2.00	0.00	1.00	0.00	7.93	12.62	2.00	0.00	1.00	0.00
7.94	12.14	2.00	0.00	1.00	0.00	7.95	12.61	2.00	0.00	1.00	0.00
7.96	12.72	2.00	0.00	1.00	0.00	7.97	12.71	2.00	0.00	1.00	0.00
7.98	12.70	2.00	0.00	1.00	0.00	7.99	12.70	2.00	0.00	1.00	0.00
8.00	12.69	2.00	0.00	1.00	0.00	8.01	12.80	2.00	0.00	1.00	0.00
8.02	12.91	2.00	0.00	1.00	0.00	8.03	13.14	2.00	0.00	1.00	0.00
8.04	13.61	2.00	0.00	1.00	0.00	8.05	13.72	2.00	0.00	1.00	0.00
8.06	13.71	2.00	0.00	1.00	0.00	8.07	13.70	2.00	0.00	1.00	0.00
8.08	13.69	2.00	0.00	1.00	0.00	8.09	13.81	2.00	0.00	1.00	0.00
8.10	14.03	2.00	0.00	1.00	0.00	8.11	14.26	2.00	0.00	1.00	0.00
8.12	14.49	2.00	0.00	1.00	0.00	8.13	14.72	2.00	0.00	1.00	0.00
8.14	14.83	2.00	0.00	1.00	0.00	8.15	14.94	2.00	0.00	1.00	0.00
8.16	15.05	2.00	0.00	1.00	0.00	8.17	15.39	2.00	0.00	1.00	0.00
8.18	15.97	2.00	0.00	1.00	0.00	8.19	16.19	2.00	0.00	1.00	0.00
8.20	16.42	2.00	0.00	1.00	0.00	8.21	16.29	2.00	0.00	1.00	0.00
8.22	15.81	2.00	0.00	1.00	0.00	8.23	15.56	2.00	0.00	1.00	0.00
8.24	15.32	2.00	0.00	1.00	0.00	8.25	15.08	2.00	0.00	1.00	0.00
8.26	15.07	2.00	0.00	1.00	0.00	8.27	14.82	2.00	0.00	1.00	0.00
8.28	14.70	2.00	0.00	1.00	0.00	8.29	14.57	2.00	0.00	1.00	0.00
8.30	14.22	2.00	0.00	1.00	0.00	8.31	14.09	2.00	0.00	1.00	0.00
8.32	13.97	2.00	0.00	1.00	0.00	8.33	13.96	2.00	0.00	1.00	0.00
8.34	13.95	2.00	0.00	1.00	0.00	8.35	13.71	2.00	0.00	1.00	0.00
8.36	13.82	2.00	0.00	1.00	0.00	8.37	13.81	2.00	0.00	1.00	0.00
8.38	13.80	2.00	0.00	1.00	0.00	8.39	14.02	2.00	0.00	1.00	0.00
8.40	14.13	2.00	0.00	1.00	0.00	8.41	14.24	2.00	0.00	1.00	0.00
8.42	14.34	2.00	0.00	1.00	0.00	8.43	14.22	2.00	0.00	1.00	0.00
8.44	14.44	2.00	0.00	1.00	0.00	8.45	14.32	2.00	0.00	1.00	0.00
8.46	14.31	2.00	0.00	1.00	0.00	8.47	14.07	2.00	0.00	1.00	0.00
8.48	14.18	2.00	0.00	1.00	0.00	8.49	13.82	2.00	0.00	1.00	0.00
8.50	13.35	2.00	0.00	1.00	0.00	8.51	13.12	2.00	0.00	1.00	0.00
8.52	12.99	2.00	0.00	1.00	0.00	8.53	12.99	2.00	0.00	1.00	0.00
8.54	13.09	2.00	0.00	1.00	0.00	8.55	12.97	2.00	0.00	1.00	0.00
8.56	12.85	2.00	0.00	1.00	0.00	8.57	12.95	2.00	0.00	1.00	0.00
8.58	13.06	2.00	0.00	1.00	0.00	8.59	13.05	2.00	0.00	1.00	0.00
8.60	13.16	2.00	0.00	1.00	0.00	8.61	13.15	2.00	0.00	1.00	0.00
8.62	13.03	2.00	0.00	1.00	0.00	8.63	12.68	2.00	0.00	1.00	0.00
8.64	12.21	2.00	0.00	1.00	0.00	8.65	12.09	2.00	0.00	1.00	0.00
8.66	12.20	2.00	0.00	1.00	0.00	8.67	12.19	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	12.41	2.00	0.00	1.00	0.00	8.69	12.41	2.00	0.00	1.00	0.00
8.70	12.51	2.00	0.00	1.00	0.00	8.71	12.51	2.00	0.00	1.00	0.00
8.72	12.50	2.00	0.00	1.00	0.00	8.73	12.38	2.00	0.00	1.00	0.00
8.74	12.37	2.00	0.00	1.00	0.00	8.75	12.36	2.00	0.00	1.00	0.00
8.76	12.24	2.00	0.00	1.00	0.00	8.77	12.12	2.00	0.00	1.00	0.00
8.78	12.00	2.00	0.00	1.00	0.00	8.79	11.88	2.00	0.00	1.00	0.00
8.80	11.99	2.00	0.00	1.00	0.00	8.81	11.87	2.00	0.00	1.00	0.00
8.82	11.74	2.00	0.00	1.00	0.00	8.83	11.62	2.00	0.00	1.00	0.00
8.84	11.62	2.00	0.00	1.00	0.00	8.85	11.50	2.00	0.00	1.00	0.00
8.86	11.38	2.00	0.00	1.00	0.00	8.87	11.37	2.00	0.00	1.00	0.00
8.88	11.25	2.00	0.00	1.00	0.00	8.89	10.90	2.00	0.00	1.00	0.00
8.90	10.56	2.00	0.00	1.00	0.00	8.91	10.55	2.00	0.00	1.00	0.00
8.92	10.55	2.00	0.00	1.00	0.00	8.93	10.54	2.00	0.00	1.00	0.00
8.94	10.19	2.00	0.00	1.00	0.00	8.95	10.64	2.00	0.00	1.00	0.00
8.96	11.09	2.00	0.00	1.00	0.00	8.97	11.19	2.00	0.00	1.00	0.00
8.98	11.64	2.00	0.00	1.00	0.00	8.99	11.75	2.00	0.00	1.00	0.00
9.00	11.85	2.00	0.00	1.00	0.00	9.01	11.96	2.00	0.00	1.00	0.00
9.02	12.29	2.00	0.00	1.00	0.00	9.03	12.51	2.00	0.00	1.00	0.00
9.04	12.50	2.00	0.00	1.00	0.00	9.05	12.61	2.00	0.00	1.00	0.00
9.06	12.83	2.00	0.00	1.00	0.00	9.07	13.04	2.00	0.00	1.00	0.00
9.08	13.37	2.00	0.00	1.00	0.00	9.09	13.37	2.00	0.00	1.00	0.00
9.10	13.25	2.00	0.00	1.00	0.00	9.11	13.13	2.00	0.00	1.00	0.00
9.12	13.12	2.00	0.00	1.00	0.00	9.13	12.56	2.00	0.00	1.00	0.00
9.14	12.21	2.00	0.00	1.00	0.00	9.15	11.98	2.00	0.00	1.00	0.00
9.16	11.64	2.00	0.00	1.00	0.00	9.17	11.52	2.00	0.00	1.00	0.00
9.18	11.52	2.00	0.00	1.00	0.00	9.19	11.51	2.00	0.00	1.00	0.00
9.20	11.39	2.00	0.00	1.00	0.00	9.21	11.28	2.00	0.00	1.00	0.00
9.22	11.27	2.00	0.00	1.00	0.00	9.23	11.26	2.00	0.00	1.00	0.00
9.24	11.15	2.00	0.00	1.00	0.00	9.25	11.03	2.00	0.00	1.00	0.00
9.26	11.02	2.00	0.00	1.00	0.00	9.27	11.02	2.00	0.00	1.00	0.00
9.28	11.01	2.00	0.00	1.00	0.00	9.29	11.01	2.00	0.00	1.00	0.00
9.30	11.34	2.00	0.00	1.00	0.00	9.31	11.44	2.00	0.00	1.00	0.00
9.32	11.55	2.00	0.00	1.00	0.00	9.33	11.65	2.00	0.00	1.00	0.00
9.34	11.98	2.00	0.00	1.00	0.00	9.35	12.08	2.00	0.00	1.00	0.00
9.36	12.30	2.00	0.00	1.00	0.00	9.37	12.40	2.00	0.00	1.00	0.00
9.38	12.62	2.00	0.00	1.00	0.00	9.39	12.72	2.00	0.00	1.00	0.00
9.40	12.60	2.00	0.00	1.00	0.00	9.41	12.60	2.00	0.00	1.00	0.00
9.42	12.48	2.00	0.00	1.00	0.00	9.43	12.36	2.00	0.00	1.00	0.00
9.44	12.03	2.00	0.00	1.00	0.00	9.45	11.91	2.00	0.00	1.00	0.00
9.46	11.68	2.00	0.00	1.00	0.00	9.47	11.57	2.00	0.00	1.00	0.00
9.48	11.56	2.00	0.00	1.00	0.00	9.49	11.12	2.00	0.00	1.00	0.00
9.50	11.00	2.00	0.00	1.00	0.00	9.51	10.77	2.00	0.00	1.00	0.00
9.52	10.66	2.00	0.00	1.00	0.00	9.53	10.54	2.00	0.00	1.00	0.00
9.54	10.54	2.00	0.00	1.00	0.00	9.55	10.53	2.00	0.00	1.00	0.00
9.56	10.53	2.00	0.00	1.00	0.00	9.57	10.63	2.00	0.00	1.00	0.00
9.58	10.84	2.00	0.00	1.00	0.00	9.59	11.17	2.00	0.00	1.00	0.00
9.60	11.60	2.00	0.00	1.00	0.00	9.61	11.59	2.00	0.00	1.00	0.00
9.62	11.59	2.00	0.00	1.00	0.00	9.63	11.80	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.02	2.00	0.00	1.00	0.00	9.65	12.23	2.00	0.00	1.00	0.00
9.66	12.23	2.00	0.00	1.00	0.00	9.67	12.33	2.00	0.00	1.00	0.00
9.68	12.21	2.00	0.00	1.00	0.00	9.69	11.99	2.00	0.00	1.00	0.00
9.70	11.98	2.00	0.00	1.00	0.00	9.71	11.98	2.00	0.00	1.00	0.00
9.72	12.19	2.00	0.00	1.00	0.00	9.73	12.29	2.00	0.00	1.00	0.00
9.74	12.29	2.00	0.00	1.00	0.00	9.75	12.17	2.00	0.00	1.00	0.00
9.76	11.84	2.00	0.00	1.00	0.00	9.77	11.83	2.00	0.00	1.00	0.00
9.78	11.94	2.00	0.00	1.00	0.00	9.79	11.82	2.00	0.00	1.00	0.00
9.80	11.81	2.00	0.00	1.00	0.00	9.81	11.81	2.00	0.00	1.00	0.00
9.82	11.69	2.00	0.00	1.00	0.00	9.83	11.69	2.00	0.00	1.00	0.00
9.84	11.57	2.00	0.00	1.00	0.00	9.85	11.46	2.00	0.00	1.00	0.00
9.86	11.35	2.00	0.00	1.00	0.00	9.87	11.12	2.00	0.00	1.00	0.00
9.88	10.90	2.00	0.00	1.00	0.00	9.89	10.68	2.00	0.00	1.00	0.00
9.90	10.24	2.00	0.00	1.00	0.00	9.91	10.13	2.00	0.00	1.00	0.00
9.92	10.12	2.00	0.00	1.00	0.00	9.93	10.12	2.00	0.00	1.00	0.00
9.94	9.57	2.00	0.00	1.00	0.00	9.95	9.57	2.00	0.00	1.00	0.00
9.96	9.24	2.00	0.00	1.00	0.00	9.97	9.13	2.00	0.00	1.00	0.00
9.98	9.02	2.00	0.00	1.00	0.00	9.99	8.80	2.00	0.00	1.00	0.00
10.00	8.57	2.00	0.00	1.00	0.00	10.01	8.25	2.00	0.00	1.00	0.00
10.02	8.14	2.00	0.00	1.00	0.00	10.03	8.13	2.00	0.00	1.00	0.00
10.04	8.02	2.00	0.00	1.00	0.00	10.05	7.80	2.00	0.00	1.00	0.00
10.06	7.80	2.00	0.00	1.00	0.00	10.07	7.79	2.00	0.00	1.00	0.00
10.08	7.47	2.00	0.00	1.00	0.00	10.09	7.46	2.00	0.00	1.00	0.00
10.10	7.46	2.00	0.00	1.00	0.00	10.11	7.56	2.00	0.00	1.00	0.00
10.12	7.78	2.00	0.00	1.00	0.00	10.13	8.09	2.00	0.00	1.00	0.00
10.14	8.52	2.00	0.00	1.00	0.00	10.15	10.23	2.00	0.00	1.00	0.00
10.16	11.30	2.00	0.00	1.00	0.00	10.17	12.48	2.00	0.00	1.00	0.00
10.18	14.08	2.00	0.00	1.00	0.00	10.19	72.25	0.41	4.42	1.00	0.04
10.20	72.43	0.41	4.41	1.00	0.04	10.21	72.72	0.41	4.39	1.00	0.04
10.22	73.26	0.41	4.36	1.00	0.04	10.23	74.43	0.42	4.29	1.00	0.04
10.24	74.58	0.42	4.29	1.00	0.04	10.25	74.17	0.42	4.31	1.00	0.04
10.26	73.53	0.42	4.34	1.00	0.04	10.27	72.20	0.41	4.42	1.00	0.04
10.28	71.29	0.41	4.47	1.00	0.04	10.29	70.53	0.40	4.52	1.00	0.05
10.30	70.20	0.40	4.54	1.00	0.05	10.31	68.68	0.40	4.63	1.00	0.05
10.32	68.33	0.40	4.65	1.00	0.05	10.33	12.83	2.00	0.00	1.00	0.00
10.34	11.65	2.00	0.00	1.00	0.00	10.35	9.41	2.00	0.00	1.00	0.00
10.36	8.88	2.00	0.00	1.00	0.00	10.37	8.45	2.00	0.00	1.00	0.00
10.38	7.91	2.00	0.00	1.00	0.00	10.39	8.02	2.00	0.00	1.00	0.00
10.40	8.23	2.00	0.00	1.00	0.00	10.41	8.55	2.00	0.00	1.00	0.00
10.42	9.08	2.00	0.00	1.00	0.00	10.43	9.40	2.00	0.00	1.00	0.00
10.44	9.71	2.00	0.00	1.00	0.00	10.45	9.81	2.00	0.00	1.00	0.00
10.46	10.13	2.00	0.00	1.00	0.00	10.47	10.44	2.00	0.00	1.00	0.00
10.48	10.75	2.00	0.00	1.00	0.00	10.49	11.06	2.00	0.00	1.00	0.00
10.50	11.17	2.00	0.00	1.00	0.00	10.51	11.37	2.00	0.00	1.00	0.00
10.52	11.37	2.00	0.00	1.00	0.00	10.53	11.26	2.00	0.00	1.00	0.00
10.54	11.25	2.00	0.00	1.00	0.00	10.55	11.35	2.00	0.00	1.00	0.00
10.56	11.34	2.00	0.00	1.00	0.00	10.57	11.13	2.00	0.00	1.00	0.00
10.58	11.02	2.00	0.00	1.00	0.00	10.59	10.91	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	10.80	2.00	0.00	1.00	0.00	10.61	10.69	2.00	0.00	1.00	0.00
10.62	10.47	2.00	0.00	1.00	0.00	10.63	10.36	2.00	0.00	1.00	0.00
10.64	10.25	2.00	0.00	1.00	0.00	10.65	10.25	2.00	0.00	1.00	0.00
10.66	10.24	2.00	0.00	1.00	0.00	10.67	10.34	2.00	0.00	1.00	0.00
10.68	10.44	2.00	0.00	1.00	0.00	10.69	10.54	2.00	0.00	1.00	0.00
10.70	10.75	2.00	0.00	1.00	0.00	10.71	10.74	2.00	0.00	1.00	0.00
10.72	11.05	2.00	0.00	1.00	0.00	10.73	11.15	2.00	0.00	1.00	0.00
10.74	11.25	2.00	0.00	1.00	0.00	10.75	11.35	2.00	0.00	1.00	0.00
10.76	11.34	2.00	0.00	1.00	0.00	10.77	11.34	2.00	0.00	1.00	0.00
10.78	11.13	2.00	0.00	1.00	0.00	10.79	11.02	2.00	0.00	1.00	0.00
10.80	11.01	2.00	0.00	1.00	0.00	10.81	11.11	2.00	0.00	1.00	0.00
10.82	11.10	2.00	0.00	1.00	0.00	10.83	11.00	2.00	0.00	1.00	0.00
10.84	10.99	2.00	0.00	1.00	0.00	10.85	10.99	2.00	0.00	1.00	0.00
10.86	10.98	2.00	0.00	1.00	0.00	10.87	11.08	2.00	0.00	1.00	0.00
10.88	11.18	2.00	0.00	1.00	0.00	10.89	10.96	2.00	0.00	1.00	0.00
10.90	10.75	2.00	0.00	1.00	0.00	10.91	10.54	2.00	0.00	1.00	0.00
10.92	10.53	2.00	0.00	1.00	0.00	10.93	10.53	2.00	0.00	1.00	0.00
10.94	10.42	2.00	0.00	1.00	0.00	10.95	10.62	2.00	0.00	1.00	0.00
10.96	10.41	2.00	0.00	1.00	0.00	10.97	10.30	2.00	0.00	1.00	0.00
10.98	10.40	2.00	0.00	1.00	0.00	10.99	10.40	2.00	0.00	1.00	0.00
11.00	10.39	2.00	0.00	1.00	0.00	11.01	10.08	2.00	0.00	1.00	0.00
11.02	9.45	2.00	0.00	1.00	0.00	11.03	9.34	2.00	0.00	1.00	0.00
11.04	9.24	2.00	0.00	1.00	0.00	11.05	9.34	2.00	0.00	1.00	0.00
11.06	9.12	2.00	0.00	1.00	0.00	11.07	9.12	2.00	0.00	1.00	0.00
11.08	9.01	2.00	0.00	1.00	0.00	11.09	8.49	2.00	0.00	1.00	0.00
11.10	8.18	2.00	0.00	1.00	0.00	11.11	7.76	2.00	0.00	1.00	0.00
11.12	7.45	2.00	0.00	1.00	0.00	11.13	7.45	2.00	0.00	1.00	0.00
11.14	7.44	2.00	0.00	1.00	0.00	11.15	7.54	2.00	0.00	1.00	0.00
11.16	7.54	2.00	0.00	1.00	0.00	11.17	7.43	2.00	0.00	1.00	0.00
11.18	7.43	2.00	0.00	1.00	0.00	11.19	7.63	2.00	0.00	1.00	0.00
11.20	7.63	2.00	0.00	1.00	0.00	11.21	7.73	2.00	0.00	1.00	0.00
11.22	8.03	2.00	0.00	1.00	0.00	11.23	8.13	2.00	0.00	1.00	0.00
11.24	8.34	2.00	0.00	1.00	0.00	11.25	8.44	2.00	0.00	1.00	0.00
11.26	8.74	2.00	0.00	1.00	0.00	11.27	8.74	2.00	0.00	1.00	0.00
11.28	8.63	2.00	0.00	1.00	0.00	11.29	8.53	2.00	0.00	1.00	0.00
11.30	8.73	2.00	0.00	1.00	0.00	11.31	8.83	2.00	0.00	1.00	0.00
11.32	8.72	2.00	0.00	1.00	0.00	11.33	8.92	2.00	0.00	1.00	0.00
11.34	9.23	2.00	0.00	1.00	0.00	11.35	9.43	2.00	0.00	1.00	0.00
11.36	9.53	2.00	0.00	1.00	0.00	11.37	9.73	2.00	0.00	1.00	0.00
11.38	9.72	2.00	0.00	1.00	0.00	11.39	9.82	2.00	0.00	1.00	0.00
11.40	10.12	2.00	0.00	1.00	0.00	11.41	10.43	2.00	0.00	1.00	0.00
11.42	10.63	2.00	0.00	1.00	0.00	11.43	10.73	2.00	0.00	1.00	0.00
11.44	11.13	2.00	0.00	1.00	0.00	11.45	11.33	2.00	0.00	1.00	0.00
11.46	11.43	2.00	0.00	1.00	0.00	11.47	11.42	2.00	0.00	1.00	0.00
11.48	11.31	2.00	0.00	1.00	0.00	11.49	11.31	2.00	0.00	1.00	0.00
11.50	11.61	2.00	0.00	1.00	0.00	11.51	11.71	2.00	0.00	1.00	0.00
11.52	11.70	2.00	0.00	1.00	0.00	11.53	11.60	2.00	0.00	1.00	0.00
11.54	11.79	2.00	0.00	1.00	0.00	11.55	11.99	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	12.19	2.00	0.00	1.00	0.00	11.57	12.28	2.00	0.00	1.00	0.00
11.58	12.18	2.00	0.00	1.00	0.00	11.59	12.07	2.00	0.00	1.00	0.00
11.60	12.27	2.00	0.00	1.00	0.00	11.61	12.36	2.00	0.00	1.00	0.00
11.62	12.46	2.00	0.00	1.00	0.00	11.63	12.25	2.00	0.00	1.00	0.00
11.64	12.15	2.00	0.00	1.00	0.00	11.65	12.24	2.00	0.00	1.00	0.00
11.66	12.44	2.00	0.00	1.00	0.00	11.67	12.63	2.00	0.00	1.00	0.00
11.68	12.83	2.00	0.00	1.00	0.00	11.69	12.93	2.00	0.00	1.00	0.00
11.70	13.02	2.00	0.00	1.00	0.00	11.71	12.91	2.00	0.00	1.00	0.00
11.72	12.91	2.00	0.00	1.00	0.00	11.73	13.31	2.00	0.00	1.00	0.00
11.74	13.90	2.00	0.00	1.00	0.00	11.75	14.10	2.00	0.00	1.00	0.00
11.76	14.39	2.00	0.00	1.00	0.00	11.77	14.29	2.00	0.00	1.00	0.00
11.78	14.28	2.00	0.00	1.00	0.00	11.79	14.27	2.00	0.00	1.00	0.00
11.80	14.27	2.00	0.00	1.00	0.00	11.81	14.36	2.00	0.00	1.00	0.00
11.82	14.36	2.00	0.00	1.00	0.00	11.83	13.85	2.00	0.00	1.00	0.00
11.84	13.64	2.00	0.00	1.00	0.00	11.85	13.64	2.00	0.00	1.00	0.00
11.86	13.63	2.00	0.00	1.00	0.00	11.87	13.82	2.00	0.00	1.00	0.00
11.88	13.82	2.00	0.00	1.00	0.00	11.89	13.71	2.00	0.00	1.00	0.00
11.90	13.80	2.00	0.00	1.00	0.00	11.91	14.00	2.00	0.00	1.00	0.00
11.92	13.99	2.00	0.00	1.00	0.00	11.93	13.99	2.00	0.00	1.00	0.00
11.94	14.98	2.00	0.00	1.00	0.00	11.95	14.27	2.00	0.00	1.00	0.00
11.96	14.86	2.00	0.00	1.00	0.00	11.97	14.66	2.00	0.00	1.00	0.00
11.98	15.15	2.00	0.00	1.00	0.00	11.99	15.44	2.00	0.00	1.00	0.00
12.00	15.63	2.00	0.00	1.00	0.00	12.01	15.33	2.00	0.00	1.00	0.00
12.02	15.42	2.00	0.00	1.00	0.00	12.03	15.41	2.00	0.00	1.00	0.00
12.04	15.31	2.00	0.00	1.00	0.00	12.05	15.40	2.00	0.00	1.00	0.00
12.06	15.29	2.00	0.00	1.00	0.00	12.07	14.59	2.00	0.00	1.00	0.00
12.08	14.39	2.00	0.00	1.00	0.00	12.09	14.28	2.00	0.00	1.00	0.00
12.10	14.37	2.00	0.00	1.00	0.00	12.11	14.47	2.00	0.00	1.00	0.00
12.12	14.26	2.00	0.00	1.00	0.00	12.13	14.25	2.00	0.00	1.00	0.00
12.14	14.05	2.00	0.00	1.00	0.00	12.15	13.65	2.00	0.00	1.00	0.00
12.16	13.25	2.00	0.00	1.00	0.00	12.17	12.75	2.00	0.00	1.00	0.00
12.18	12.64	2.00	0.00	1.00	0.00	12.19	12.93	2.00	0.00	1.00	0.00
12.20	12.83	2.00	0.00	1.00	0.00	12.21	12.72	2.00	0.00	1.00	0.00
12.22	12.62	2.00	0.00	1.00	0.00	12.23	12.61	2.00	0.00	1.00	0.00
12.24	12.71	2.00	0.00	1.00	0.00	12.25	12.70	2.00	0.00	1.00	0.00
12.26	12.69	2.00	0.00	1.00	0.00	12.27	12.89	2.00	0.00	1.00	0.00
12.28	12.98	2.00	0.00	1.00	0.00	12.29	12.78	2.00	0.00	1.00	0.00
12.30	12.48	2.00	0.00	1.00	0.00	12.31	12.17	2.00	0.00	1.00	0.00
12.32	12.17	2.00	0.00	1.00	0.00	12.33	12.26	2.00	0.00	1.00	0.00
12.34	12.16	2.00	0.00	1.00	0.00	12.35	12.15	2.00	0.00	1.00	0.00
12.36	12.15	2.00	0.00	1.00	0.00	12.37	12.24	2.00	0.00	1.00	0.00
12.38	12.33	2.00	0.00	1.00	0.00	12.39	12.23	2.00	0.00	1.00	0.00
12.40	12.13	2.00	0.00	1.00	0.00	12.41	12.22	2.00	0.00	1.00	0.00
12.42	12.31	2.00	0.00	1.00	0.00	12.43	12.41	2.00	0.00	1.00	0.00
12.44	12.40	2.00	0.00	1.00	0.00	12.45	12.49	2.00	0.00	1.00	0.00
12.46	12.49	2.00	0.00	1.00	0.00	12.47	12.48	2.00	0.00	1.00	0.00
12.48	12.48	2.00	0.00	1.00	0.00	12.49	12.18	2.00	0.00	1.00	0.00
12.50	12.17	2.00	0.00	1.00	0.00	12.51	12.36	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	12.45	2.00	0.00	1.00	0.00	12.53	12.45	2.00	0.00	1.00	0.00
12.54	12.44	2.00	0.00	1.00	0.00	12.55	12.73	2.00	0.00	1.00	0.00
12.56	12.72	2.00	0.00	1.00	0.00	12.57	12.82	2.00	0.00	1.00	0.00
12.58	13.00	2.00	0.00	1.00	0.00	12.59	13.19	2.00	0.00	1.00	0.00
12.60	13.38	2.00	0.00	1.00	0.00	12.61	13.47	2.00	0.00	1.00	0.00
12.62	13.86	2.00	0.00	1.00	0.00	12.63	14.14	2.00	0.00	1.00	0.00
12.64	14.52	2.00	0.00	1.00	0.00	12.65	14.52	2.00	0.00	1.00	0.00
12.66	14.22	2.00	0.00	1.00	0.00	12.67	13.63	2.00	0.00	1.00	0.00
12.68	13.53	2.00	0.00	1.00	0.00	12.69	13.23	2.00	0.00	1.00	0.00
12.70	13.03	2.00	0.00	1.00	0.00	12.71	12.74	2.00	0.00	1.00	0.00
12.72	12.35	2.00	0.00	1.00	0.00	12.73	12.34	2.00	0.00	1.00	0.00
12.74	12.14	2.00	0.00	1.00	0.00	12.75	12.23	2.00	0.00	1.00	0.00
12.76	12.33	2.00	0.00	1.00	0.00	12.77	12.32	2.00	0.00	1.00	0.00
12.78	12.22	2.00	0.00	1.00	0.00	12.79	12.31	2.00	0.00	1.00	0.00
12.80	12.11	2.00	0.00	1.00	0.00	12.81	12.01	2.00	0.00	1.00	0.00
12.82	11.91	2.00	0.00	1.00	0.00	12.83	11.71	2.00	0.00	1.00	0.00
12.84	11.71	2.00	0.00	1.00	0.00	12.85	11.89	2.00	0.00	1.00	0.00
12.86	11.89	2.00	0.00	1.00	0.00	12.87	11.88	2.00	0.00	1.00	0.00
12.88	11.88	2.00	0.00	1.00	0.00	12.89	11.97	2.00	0.00	1.00	0.00
12.90	11.96	2.00	0.00	1.00	0.00	12.91	11.96	2.00	0.00	1.00	0.00
12.92	11.95	2.00	0.00	1.00	0.00	12.93	11.95	2.00	0.00	1.00	0.00
12.94	11.85	2.00	0.00	1.00	0.00	12.95	11.94	2.00	0.00	1.00	0.00
12.96	11.74	2.00	0.00	1.00	0.00	12.97	11.55	2.00	0.00	1.00	0.00
12.98	11.54	2.00	0.00	1.00	0.00	12.99	11.54	2.00	0.00	1.00	0.00
13.00	11.44	2.00	0.00	1.00	0.00	13.01	11.34	2.00	0.00	1.00	0.00
13.02	11.24	2.00	0.00	1.00	0.00	13.03	11.23	2.00	0.00	1.00	0.00
13.04	11.32	2.00	0.00	1.00	0.00	13.05	11.60	2.00	0.00	1.00	0.00
13.06	11.69	2.00	0.00	1.00	0.00	13.07	11.78	2.00	0.00	1.00	0.00
13.08	11.97	2.00	0.00	1.00	0.00	13.09	12.15	2.00	0.00	1.00	0.00
13.10	12.44	2.00	0.00	1.00	0.00	13.11	12.62	2.00	0.00	1.00	0.00
13.12	12.81	2.00	0.00	1.00	0.00	13.13	13.37	2.00	0.00	1.00	0.00
13.14	13.56	2.00	0.00	1.00	0.00	13.15	13.93	2.00	0.00	1.00	0.00
13.16	14.02	2.00	0.00	1.00	0.00	13.17	14.39	2.00	0.00	1.00	0.00
13.18	14.58	2.00	0.00	1.00	0.00	13.19	14.48	2.00	0.00	1.00	0.00
13.20	14.57	2.00	0.00	1.00	0.00	13.21	14.56	2.00	0.00	1.00	0.00
13.22	14.46	2.00	0.00	1.00	0.00	13.23	14.26	2.00	0.00	1.00	0.00
13.24	14.07	2.00	0.00	1.00	0.00	13.25	14.06	2.00	0.00	1.00	0.00
13.26	14.06	2.00	0.00	1.00	0.00	13.27	13.86	2.00	0.00	1.00	0.00
13.28	13.57	2.00	0.00	1.00	0.00	13.29	13.28	2.00	0.00	1.00	0.00
13.30	13.18	2.00	0.00	1.00	0.00	13.31	13.08	2.00	0.00	1.00	0.00
13.32	13.08	2.00	0.00	1.00	0.00	13.33	13.07	2.00	0.00	1.00	0.00
13.34	12.97	2.00	0.00	1.00	0.00	13.35	13.06	2.00	0.00	1.00	0.00
13.36	13.06	2.00	0.00	1.00	0.00	13.37	13.14	2.00	0.00	1.00	0.00
13.38	12.95	2.00	0.00	1.00	0.00	13.39	12.76	2.00	0.00	1.00	0.00
13.40	12.56	2.00	0.00	1.00	0.00	13.41	12.65	2.00	0.00	1.00	0.00
13.42	12.83	2.00	0.00	1.00	0.00	13.43	12.92	2.00	0.00	1.00	0.00
13.44	12.92	2.00	0.00	1.00	0.00	13.45	12.91	2.00	0.00	1.00	0.00
13.46	12.72	2.00	0.00	1.00	0.00	13.47	12.62	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	12.62	2.00	0.00	1.00	0.00	13.49	12.61	2.00	0.00	1.00	0.00
13.50	12.51	2.00	0.00	1.00	0.00	13.51	12.51	2.00	0.00	1.00	0.00
13.52	12.50	2.00	0.00	1.00	0.00	13.53	12.59	2.00	0.00	1.00	0.00
13.54	12.96	2.00	0.00	1.00	0.00	13.55	13.14	2.00	0.00	1.00	0.00
13.56	13.23	2.00	0.00	1.00	0.00	13.57	13.70	2.00	0.00	1.00	0.00
13.58	13.78	2.00	0.00	1.00	0.00	13.59	14.06	2.00	0.00	1.00	0.00
13.60	14.15	2.00	0.00	1.00	0.00	13.61	13.67	2.00	0.00	1.00	0.00
13.62	13.39	2.00	0.00	1.00	0.00	13.63	13.38	2.00	0.00	1.00	0.00
13.64	13.66	2.00	0.00	1.00	0.00	13.65	13.56	2.00	0.00	1.00	0.00
13.66	13.37	2.00	0.00	1.00	0.00	13.67	13.18	2.00	0.00	1.00	0.00
13.68	12.89	2.00	0.00	1.00	0.00	13.69	12.79	2.00	0.00	1.00	0.00
13.70	12.69	2.00	0.00	1.00	0.00	13.71	12.78	2.00	0.00	1.00	0.00
13.72	12.78	2.00	0.00	1.00	0.00	13.73	12.49	2.00	0.00	1.00	0.00
13.74	12.39	2.00	0.00	1.00	0.00	13.75	12.39	2.00	0.00	1.00	0.00
13.76	12.57	2.00	0.00	1.00	0.00	13.77	12.75	2.00	0.00	1.00	0.00
13.78	12.84	2.00	0.00	1.00	0.00	13.79	12.93	2.00	0.00	1.00	0.00
13.80	12.83	2.00	0.00	1.00	0.00	13.81	12.82	2.00	0.00	1.00	0.00
13.82	13.10	2.00	0.00	1.00	0.00	13.83	13.28	2.00	0.00	1.00	0.00
13.84	13.55	2.00	0.00	1.00	0.00	13.85	13.54	2.00	0.00	1.00	0.00
13.86	13.63	2.00	0.00	1.00	0.00	13.87	13.53	2.00	0.00	1.00	0.00
13.88	13.34	2.00	0.00	1.00	0.00	13.89	13.43	2.00	0.00	1.00	0.00
13.90	12.87	2.00	0.00	1.00	0.00	13.91	12.68	2.00	0.00	1.00	0.00
13.92	12.68	2.00	0.00	1.00	0.00	13.93	12.67	2.00	0.00	1.00	0.00
13.94	12.02	2.00	0.00	1.00	0.00	13.95	12.01	2.00	0.00	1.00	0.00
13.96	11.92	2.00	0.00	1.00	0.00	13.97	11.64	2.00	0.00	1.00	0.00
13.98	11.63	2.00	0.00	1.00	0.00	13.99	11.44	2.00	0.00	1.00	0.00
14.00	11.35	2.00	0.00	1.00	0.00	14.01	10.97	2.00	0.00	1.00	0.00
14.02	10.69	2.00	0.00	1.00	0.00	14.03	10.50	2.00	0.00	1.00	0.00
14.04	10.41	2.00	0.00	1.00	0.00	14.05	10.13	2.00	0.00	1.00	0.00
14.06	10.03	2.00	0.00	1.00	0.00	14.07	9.85	2.00	0.00	1.00	0.00
14.08	9.84	2.00	0.00	1.00	0.00	14.09	10.02	2.00	0.00	1.00	0.00
14.10	10.11	2.00	0.00	1.00	0.00	14.11	10.01	2.00	0.00	1.00	0.00
14.12	10.01	2.00	0.00	1.00	0.00	14.13	10.01	2.00	0.00	1.00	0.00
14.14	9.91	2.00	0.00	1.00	0.00	14.15	10.00	2.00	0.00	1.00	0.00
14.16	10.09	2.00	0.00	1.00	0.00	14.17	10.45	2.00	0.00	1.00	0.00
14.18	10.54	2.00	0.00	1.00	0.00	14.19	10.44	2.00	0.00	1.00	0.00
14.20	10.53	2.00	0.00	1.00	0.00	14.21	10.71	2.00	0.00	1.00	0.00
14.22	10.79	2.00	0.00	1.00	0.00	14.23	10.88	2.00	0.00	1.00	0.00
14.24	10.88	2.00	0.00	1.00	0.00	14.25	10.87	2.00	0.00	1.00	0.00
14.26	10.69	2.00	0.00	1.00	0.00	14.27	10.59	2.00	0.00	1.00	0.00
14.28	10.22	2.00	0.00	1.00	0.00	14.29	10.04	2.00	0.00	1.00	0.00
14.30	9.58	2.00	0.00	1.00	0.00	14.31	9.57	2.00	0.00	1.00	0.00
14.32	9.48	2.00	0.00	1.00	0.00	14.33	9.48	2.00	0.00	1.00	0.00
14.34	9.56	2.00	0.00	1.00	0.00	14.35	9.56	2.00	0.00	1.00	0.00
14.36	9.47	2.00	0.00	1.00	0.00	14.37	9.46	2.00	0.00	1.00	0.00
14.38	9.46	2.00	0.00	1.00	0.00	14.39	9.36	2.00	0.00	1.00	0.00
14.40	9.36	2.00	0.00	1.00	0.00	14.41	9.45	2.00	0.00	1.00	0.00
14.42	9.45	2.00	0.00	1.00	0.00	14.43	9.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.17	2.00	0.00	1.00	0.00	14.45	9.16	2.00	0.00	1.00	0.00
14.46	9.16	2.00	0.00	1.00	0.00	14.47	9.07	2.00	0.00	1.00	0.00
14.48	9.15	2.00	0.00	1.00	0.00	14.49	9.15	2.00	0.00	1.00	0.00
14.50	9.24	2.00	0.00	1.00	0.00	14.51	9.41	2.00	0.00	1.00	0.00
14.52	9.50	2.00	0.00	1.00	0.00	14.53	9.68	2.00	0.00	1.00	0.00
14.54	9.77	2.00	0.00	1.00	0.00	14.55	10.21	2.00	0.00	1.00	0.00
14.56	10.30	2.00	0.00	1.00	0.00	14.57	10.30	2.00	0.00	1.00	0.00
14.58	10.38	2.00	0.00	1.00	0.00	14.59	10.29	2.00	0.00	1.00	0.00
14.60	10.29	2.00	0.00	1.00	0.00	14.61	10.28	2.00	0.00	1.00	0.00
14.62	10.28	2.00	0.00	1.00	0.00	14.63	10.27	2.00	0.00	1.00	0.00
14.64	10.18	2.00	0.00	1.00	0.00	14.65	10.09	2.00	0.00	1.00	0.00
14.66	9.72	2.00	0.00	1.00	0.00	14.67	9.72	2.00	0.00	1.00	0.00
14.68	9.72	2.00	0.00	1.00	0.00	14.69	9.71	2.00	0.00	1.00	0.00
14.70	9.62	2.00	0.00	1.00	0.00	14.71	9.62	2.00	0.00	1.00	0.00
14.72	9.61	2.00	0.00	1.00	0.00	14.73	9.61	2.00	0.00	1.00	0.00
14.74	9.70	2.00	0.00	1.00	0.00	14.75	9.78	2.00	0.00	1.00	0.00
14.76	9.87	2.00	0.00	1.00	0.00	14.77	9.87	2.00	0.00	1.00	0.00
14.78	9.86	2.00	0.00	1.00	0.00	14.79	9.86	2.00	0.00	1.00	0.00
14.80	9.77	2.00	0.00	1.00	0.00	14.81	9.58	2.00	0.00	1.00	0.00
14.82	9.58	2.00	0.00	1.00	0.00	14.83	9.49	2.00	0.00	1.00	0.00
14.84	9.57	2.00	0.00	1.00	0.00	14.85	9.84	2.00	0.00	1.00	0.00
14.86	9.92	2.00	0.00	1.00	0.00	14.87	10.10	2.00	0.00	1.00	0.00
14.88	10.18	2.00	0.00	1.00	0.00	14.89	10.27	2.00	0.00	1.00	0.00
14.90	10.35	2.00	0.00	1.00	0.00	14.91	10.62	2.00	0.00	1.00	0.00
14.92	10.61	2.00	0.00	1.00	0.00	14.93	10.61	2.00	0.00	1.00	0.00
14.94	11.41	2.00	0.00	1.00	0.00	14.95	11.67	2.00	0.00	1.00	0.00
14.96	11.85	2.00	0.00	1.00	0.00	14.97	12.11	2.00	0.00	1.00	0.00
14.98	12.55	2.00	0.00	1.00	0.00	14.99	12.64	2.00	0.00	1.00	0.00
15.00	12.90	2.00	0.00	1.00	0.00	15.01	12.98	2.00	0.00	1.00	0.00
15.02	12.98	2.00	0.00	1.00	0.00	15.03	13.06	2.00	0.00	1.00	0.00
15.04	13.15	2.00	0.00	1.00	0.00	15.05	13.14	2.00	0.00	1.00	0.00
15.06	13.14	2.00	0.00	1.00	0.00	15.07	13.13	2.00	0.00	1.00	0.00
15.08	13.13	2.00	0.00	1.00	0.00	15.09	13.12	2.00	0.00	1.00	0.00
15.10	13.30	2.00	0.00	1.00	0.00	15.11	13.38	2.00	0.00	1.00	0.00
15.12	13.55	2.00	0.00	1.00	0.00	15.13	13.55	2.00	0.00	1.00	0.00
15.14	13.54	2.00	0.00	1.00	0.00	15.15	13.54	2.00	0.00	1.00	0.00
15.16	13.44	2.00	0.00	1.00	0.00	15.17	13.44	2.00	0.00	1.00	0.00
15.18	13.34	2.00	0.00	1.00	0.00	15.19	13.25	2.00	0.00	1.00	0.00
15.20	13.33	2.00	0.00	1.00	0.00	15.21	13.33	2.00	0.00	1.00	0.00
15.22	13.32	2.00	0.00	1.00	0.00	15.23	13.23	2.00	0.00	1.00	0.00
15.24	13.23	2.00	0.00	1.00	0.00	15.25	13.04	2.00	0.00	1.00	0.00
15.26	13.04	2.00	0.00	1.00	0.00	15.27	13.12	2.00	0.00	1.00	0.00
15.28	13.12	2.00	0.00	1.00	0.00	15.29	12.94	2.00	0.00	1.00	0.00
15.30	12.58	2.00	0.00	1.00	0.00	15.31	12.57	2.00	0.00	1.00	0.00
15.32	12.57	2.00	0.00	1.00	0.00	15.33	12.48	2.00	0.00	1.00	0.00
15.34	12.56	2.00	0.00	1.00	0.00	15.35	12.64	2.00	0.00	1.00	0.00
15.36	12.73	2.00	0.00	1.00	0.00	15.37	12.81	2.00	0.00	1.00	0.00
15.38	12.80	2.00	0.00	1.00	0.00	15.39	13.06	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	13.15	2.00	0.00	1.00	0.00	15.41	13.41	2.00	0.00	1.00	0.00
15.42	13.40	2.00	0.00	1.00	0.00	15.43	13.57	2.00	0.00	1.00	0.00
15.44	13.57	2.00	0.00	1.00	0.00	15.45	13.48	2.00	0.00	1.00	0.00
15.46	13.65	2.00	0.00	1.00	0.00	15.47	13.91	2.00	0.00	1.00	0.00
15.48	13.90	2.00	0.00	1.00	0.00	15.49	13.98	2.00	0.00	1.00	0.00
15.50	14.15	2.00	0.00	1.00	0.00	15.51	13.97	2.00	0.00	1.00	0.00
15.52	13.88	2.00	0.00	1.00	0.00	15.53	13.87	2.00	0.00	1.00	0.00
15.54	13.87	2.00	0.00	1.00	0.00	15.55	13.86	2.00	0.00	1.00	0.00
15.56	13.86	2.00	0.00	1.00	0.00	15.57	13.77	2.00	0.00	1.00	0.00
15.58	13.50	2.00	0.00	1.00	0.00	15.59	13.14	2.00	0.00	1.00	0.00
15.60	13.05	2.00	0.00	1.00	0.00	15.61	12.87	2.00	0.00	1.00	0.00
15.62	12.78	2.00	0.00	1.00	0.00	15.63	12.78	2.00	0.00	1.00	0.00
15.64	12.51	2.00	0.00	1.00	0.00	15.65	12.42	2.00	0.00	1.00	0.00
15.66	12.33	2.00	0.00	1.00	0.00	15.67	12.32	2.00	0.00	1.00	0.00
15.68	11.97	2.00	0.00	1.00	0.00	15.69	11.88	2.00	0.00	1.00	0.00
15.70	11.96	2.00	0.00	1.00	0.00	15.71	11.95	2.00	0.00	1.00	0.00
15.72	11.95	2.00	0.00	1.00	0.00	15.73	11.86	2.00	0.00	1.00	0.00
15.74	11.77	2.00	0.00	1.00	0.00	15.75	11.85	2.00	0.00	1.00	0.00
15.76	11.67	2.00	0.00	1.00	0.00	15.77	11.58	2.00	0.00	1.00	0.00
15.78	11.32	2.00	0.00	1.00	0.00	15.79	11.31	2.00	0.00	1.00	0.00
15.80	11.22	2.00	0.00	1.00	0.00	15.81	11.22	2.00	0.00	1.00	0.00
15.82	11.39	2.00	0.00	1.00	0.00	15.83	11.56	2.00	0.00	1.00	0.00
15.84	11.81	2.00	0.00	1.00	0.00	15.85	11.81	2.00	0.00	1.00	0.00
15.86	11.98	2.00	0.00	1.00	0.00	15.87	12.06	2.00	0.00	1.00	0.00
15.88	12.23	2.00	0.00	1.00	0.00	15.89	12.31	2.00	0.00	1.00	0.00
15.90	12.48	2.00	0.00	1.00	0.00	15.91	12.65	2.00	0.00	1.00	0.00
15.92	12.64	2.00	0.00	1.00	0.00	15.93	12.64	2.00	0.00	1.00	0.00
15.94	12.29	2.00	0.00	1.00	0.00	15.95	12.89	2.00	0.00	1.00	0.00
15.96	13.14	2.00	0.00	1.00	0.00	15.97	13.31	2.00	0.00	1.00	0.00
15.98	13.57	2.00	0.00	1.00	0.00	15.99	13.99	2.00	0.00	1.00	0.00
16.00	14.08	2.00	0.00	1.00	0.00	16.01	14.50	2.00	0.00	1.00	0.00
16.02	14.76	2.00	0.00	1.00	0.00	16.03	14.84	2.00	0.00	1.00	0.00
16.04	14.83	2.00	0.00	1.00	0.00	16.05	14.91	2.00	0.00	1.00	0.00
16.06	14.82	2.00	0.00	1.00	0.00	16.07	14.56	2.00	0.00	1.00	0.00
16.08	14.47	2.00	0.00	1.00	0.00	16.09	14.29	2.00	0.00	1.00	0.00
16.10	14.37	2.00	0.00	1.00	0.00	16.11	14.28	2.00	0.00	1.00	0.00
16.12	14.19	2.00	0.00	1.00	0.00	16.13	14.27	2.00	0.00	1.00	0.00
16.14	14.69	2.00	0.00	1.00	0.00	16.15	14.86	2.00	0.00	1.00	0.00
16.16	14.94	2.00	0.00	1.00	0.00	16.17	15.45	2.00	0.00	1.00	0.00
16.18	15.71	2.00	0.00	1.00	0.00	16.19	15.79	2.00	0.00	1.00	0.00
16.20	16.04	2.00	0.00	1.00	0.00	16.21	16.38	2.00	0.00	1.00	0.00
16.22	16.63	2.00	0.00	1.00	0.00	16.23	16.71	2.00	0.00	1.00	0.00
16.24	16.71	2.00	0.00	1.00	0.00	16.25	16.70	2.00	0.00	1.00	0.00
16.26	16.52	2.00	0.00	1.00	0.00	16.27	16.09	2.00	0.00	1.00	0.00
16.28	16.00	2.00	0.00	1.00	0.00	16.29	15.99	2.00	0.00	1.00	0.00
16.30	15.98	2.00	0.00	1.00	0.00	16.31	15.81	2.00	0.00	1.00	0.00
16.32	15.71	2.00	0.00	1.00	0.00	16.33	15.71	2.00	0.00	1.00	0.00
16.34	15.62	2.00	0.00	1.00	0.00	16.35	15.44	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	15.26	2.00	0.00	1.00	0.00	16.37	15.17	2.00	0.00	1.00	0.00
16.38	15.25	2.00	0.00	1.00	0.00	16.39	15.33	2.00	0.00	1.00	0.00
16.40	15.15	2.00	0.00	1.00	0.00	16.41	15.06	2.00	0.00	1.00	0.00
16.42	15.06	2.00	0.00	1.00	0.00	16.43	15.05	2.00	0.00	1.00	0.00
16.44	15.05	2.00	0.00	1.00	0.00	16.45	15.04	2.00	0.00	1.00	0.00
16.46	15.04	2.00	0.00	1.00	0.00	16.47	14.86	2.00	0.00	1.00	0.00
16.48	14.68	2.00	0.00	1.00	0.00	16.49	14.51	2.00	0.00	1.00	0.00
16.50	14.25	2.00	0.00	1.00	0.00	16.51	14.41	2.00	0.00	1.00	0.00
16.52	14.49	2.00	0.00	1.00	0.00	16.53	14.57	2.00	0.00	1.00	0.00
16.54	14.23	2.00	0.00	1.00	0.00	16.55	13.97	2.00	0.00	1.00	0.00
16.56	13.79	2.00	0.00	1.00	0.00	16.57	13.53	2.00	0.00	1.00	0.00
16.58	13.19	2.00	0.00	1.00	0.00	16.59	13.10	2.00	0.00	1.00	0.00
16.60	13.26	2.00	0.00	1.00	0.00	16.61	13.09	2.00	0.00	1.00	0.00
16.62	13.00	2.00	0.00	1.00	0.00	16.63	12.49	2.00	0.00	1.00	0.00
16.64	12.23	2.00	0.00	1.00	0.00	16.65	12.14	2.00	0.00	1.00	0.00
16.66	11.89	2.00	0.00	1.00	0.00	16.67	11.71	2.00	0.00	1.00	0.00
16.68	11.29	2.00	0.00	1.00	0.00	16.69	10.86	2.00	0.00	1.00	0.00
16.70	10.61	2.00	0.00	1.00	0.00	16.71	10.27	2.00	0.00	1.00	0.00
16.72	10.01	2.00	0.00	1.00	0.00	16.73	9.76	2.00	0.00	1.00	0.00
16.74	9.42	2.00	0.00	1.00	0.00	16.75	9.08	2.00	0.00	1.00	0.00
16.76	8.75	2.00	0.00	1.00	0.00	16.77	8.58	2.00	0.00	1.00	0.00
16.78	8.24	2.00	0.00	1.00	0.00	16.79	7.91	2.00	0.00	1.00	0.00
16.80	7.90	2.00	0.00	1.00	0.00	16.81	7.90	2.00	0.00	1.00	0.00
16.82	7.90	2.00	0.00	1.00	0.00	16.83	7.90	2.00	0.00	1.00	0.00
16.84	7.89	2.00	0.00	1.00	0.00	16.85	7.97	2.00	0.00	1.00	0.00
16.86	8.05	2.00	0.00	1.00	0.00	16.87	8.05	2.00	0.00	1.00	0.00
16.88	8.13	2.00	0.00	1.00	0.00	16.89	8.21	2.00	0.00	1.00	0.00
16.90	8.38	2.00	0.00	1.00	0.00	16.91	8.54	2.00	0.00	1.00	0.00
16.92	8.54	2.00	0.00	1.00	0.00	16.93	8.54	2.00	0.00	1.00	0.00
16.94	9.36	2.00	0.00	1.00	0.00	16.95	9.68	2.00	0.00	1.00	0.00
16.96	9.93	2.00	0.00	1.00	0.00	16.97	10.51	2.00	0.00	1.00	0.00
16.98	10.75	2.00	0.00	1.00	0.00	16.99	11.25	2.00	0.00	1.00	0.00
17.00	11.42	2.00	0.00	1.00	0.00	17.01	11.67	2.00	0.00	1.00	0.00
17.02	11.83	2.00	0.00	1.00	0.00	17.03	11.50	2.00	0.00	1.00	0.00
17.04	12.08	2.00	0.00	1.00	0.00	17.05	12.08	2.00	0.00	1.00	0.00
17.06	12.08	2.00	0.00	1.00	0.00	17.07	12.16	2.00	0.00	1.00	0.00
17.08	12.16	2.00	0.00	1.00	0.00	17.09	12.23	2.00	0.00	1.00	0.00
17.10	12.23	2.00	0.00	1.00	0.00	17.11	12.23	2.00	0.00	1.00	0.00
17.12	12.31	2.00	0.00	1.00	0.00	17.13	12.14	2.00	0.00	1.00	0.00
17.14	12.05	2.00	0.00	1.00	0.00	17.15	11.96	2.00	0.00	1.00	0.00
17.16	11.88	2.00	0.00	1.00	0.00	17.17	12.20	2.00	0.00	1.00	0.00
17.18	12.28	2.00	0.00	1.00	0.00	17.19	12.45	2.00	0.00	1.00	0.00
17.20	12.52	2.00	0.00	1.00	0.00	17.21	12.60	2.00	0.00	1.00	0.00
17.22	12.60	2.00	0.00	1.00	0.00	17.23	12.60	2.00	0.00	1.00	0.00
17.24	12.84	2.00	0.00	1.00	0.00	17.25	13.09	2.00	0.00	1.00	0.00
17.26	13.41	2.00	0.00	1.00	0.00	17.27	13.66	2.00	0.00	1.00	0.00
17.28	13.74	2.00	0.00	1.00	0.00	17.29	13.82	2.00	0.00	1.00	0.00
17.30	13.65	2.00	0.00	1.00	0.00	17.31	13.72	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

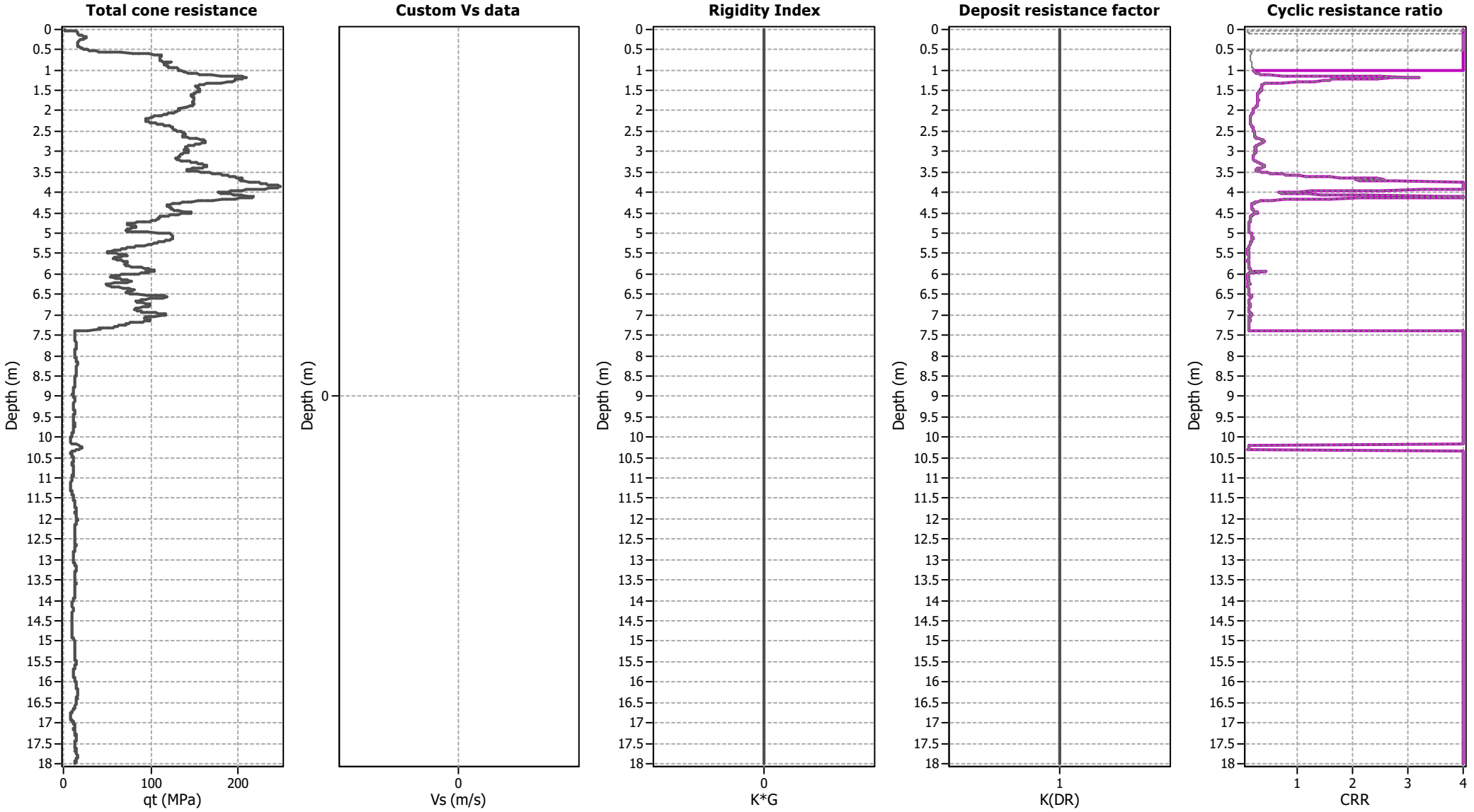
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
17.32	13.80	2.00	0.00	1.00	0.00	17.33	13.96	2.00	0.00	1.00	0.00
17.34	14.04	2.00	0.00	1.00	0.00	17.35	14.20	2.00	0.00	1.00	0.00
17.36	14.12	2.00	0.00	1.00	0.00	17.37	14.03	2.00	0.00	1.00	0.00
17.38	13.94	2.00	0.00	1.00	0.00	17.39	14.10	2.00	0.00	1.00	0.00
17.40	14.10	2.00	0.00	1.00	0.00	17.41	14.09	2.00	0.00	1.00	0.00
17.42	14.25	2.00	0.00	1.00	0.00	17.43	14.08	2.00	0.00	1.00	0.00
17.44	14.08	2.00	0.00	1.00	0.00	17.45	13.83	2.00	0.00	1.00	0.00
17.46	13.57	2.00	0.00	1.00	0.00	17.47	13.49	2.00	0.00	1.00	0.00
17.48	13.32	2.00	0.00	1.00	0.00	17.49	13.31	2.00	0.00	1.00	0.00
17.50	13.06	2.00	0.00	1.00	0.00	17.51	12.97	2.00	0.00	1.00	0.00
17.52	12.97	2.00	0.00	1.00	0.00	17.53	12.96	2.00	0.00	1.00	0.00
17.54	12.96	2.00	0.00	1.00	0.00	17.55	13.04	2.00	0.00	1.00	0.00
17.56	13.12	2.00	0.00	1.00	0.00	17.57	13.19	2.00	0.00	1.00	0.00
17.58	13.44	2.00	0.00	1.00	0.00	17.59	13.51	2.00	0.00	1.00	0.00
17.60	13.51	2.00	0.00	1.00	0.00	17.61	13.50	2.00	0.00	1.00	0.00
17.62	13.50	2.00	0.00	1.00	0.00	17.63	13.91	2.00	0.00	1.00	0.00
17.64	14.07	2.00	0.00	1.00	0.00	17.65	14.23	2.00	0.00	1.00	0.00
17.66	14.30	2.00	0.00	1.00	0.00	17.67	14.05	2.00	0.00	1.00	0.00
17.68	13.97	2.00	0.00	1.00	0.00	17.69	13.80	2.00	0.00	1.00	0.00
17.70	13.63	2.00	0.00	1.00	0.00	17.71	13.79	2.00	0.00	1.00	0.00
17.72	13.95	2.00	0.00	1.00	0.00	17.73	14.43	2.00	0.00	1.00	0.00
17.74	14.76	2.00	0.00	1.00	0.00	17.75	14.92	2.00	0.00	1.00	0.00
17.76	15.00	2.00	0.00	1.00	0.00	17.77	15.24	2.00	0.00	1.00	0.00
17.78	15.56	2.00	0.00	1.00	0.00	17.79	15.80	2.00	0.00	1.00	0.00
17.80	15.88	2.00	0.00	1.00	0.00	17.81	16.04	2.00	0.00	1.00	0.00
17.82	16.20	2.00	0.00	1.00	0.00	17.83	16.19	2.00	0.00	1.00	0.00
17.84	16.19	2.00	0.00	1.00	0.00	17.85	15.53	2.00	0.00	1.00	0.00
17.86	15.44	2.00	0.00	1.00	0.00	17.87	15.27	2.00	0.00	1.00	0.00
17.88	15.18	2.00	0.00	1.00	0.00	17.89	15.18	2.00	0.00	1.00	0.00
17.90	14.84	2.00	0.00	1.00	0.00	17.91	14.43	2.00	0.00	1.00	0.00
17.92	14.42	2.00	0.00	1.00	0.00	17.93	14.42	2.00	0.00	1.00	0.00
17.94	13.60	2.00	0.00	1.00	0.00	17.95	13.76	2.00	0.00	1.00	0.00
17.96	13.83	2.00	0.00	1.00	0.00	17.97	13.67	2.00	0.00	1.00	0.00
17.98	13.34	2.00	0.00	1.00	0.00	17.99	12.92	2.00	0.00	1.00	0.00
18.00	12.43	2.00	0.00	1.00	0.00						

Total estimated settlement: 13.20

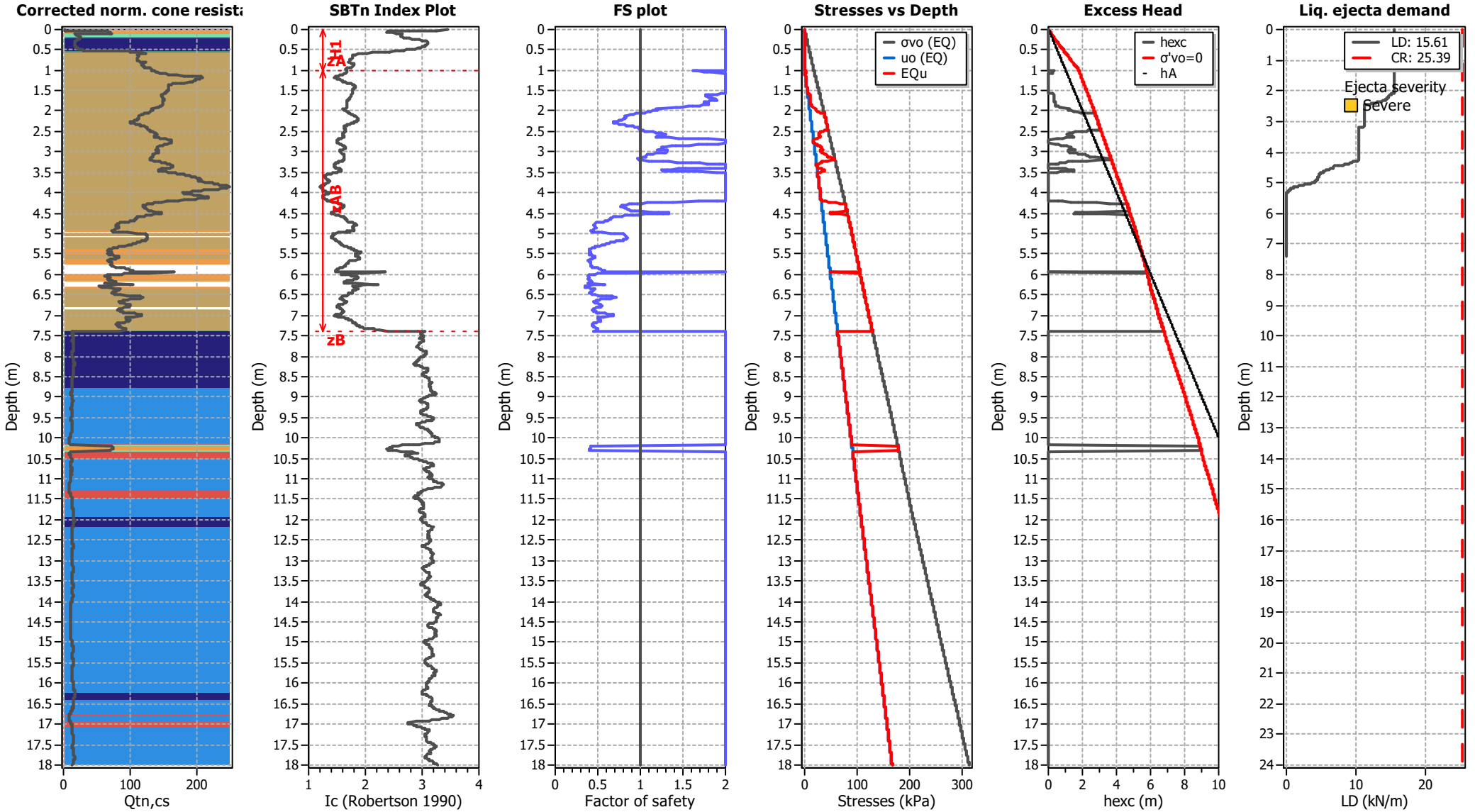
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



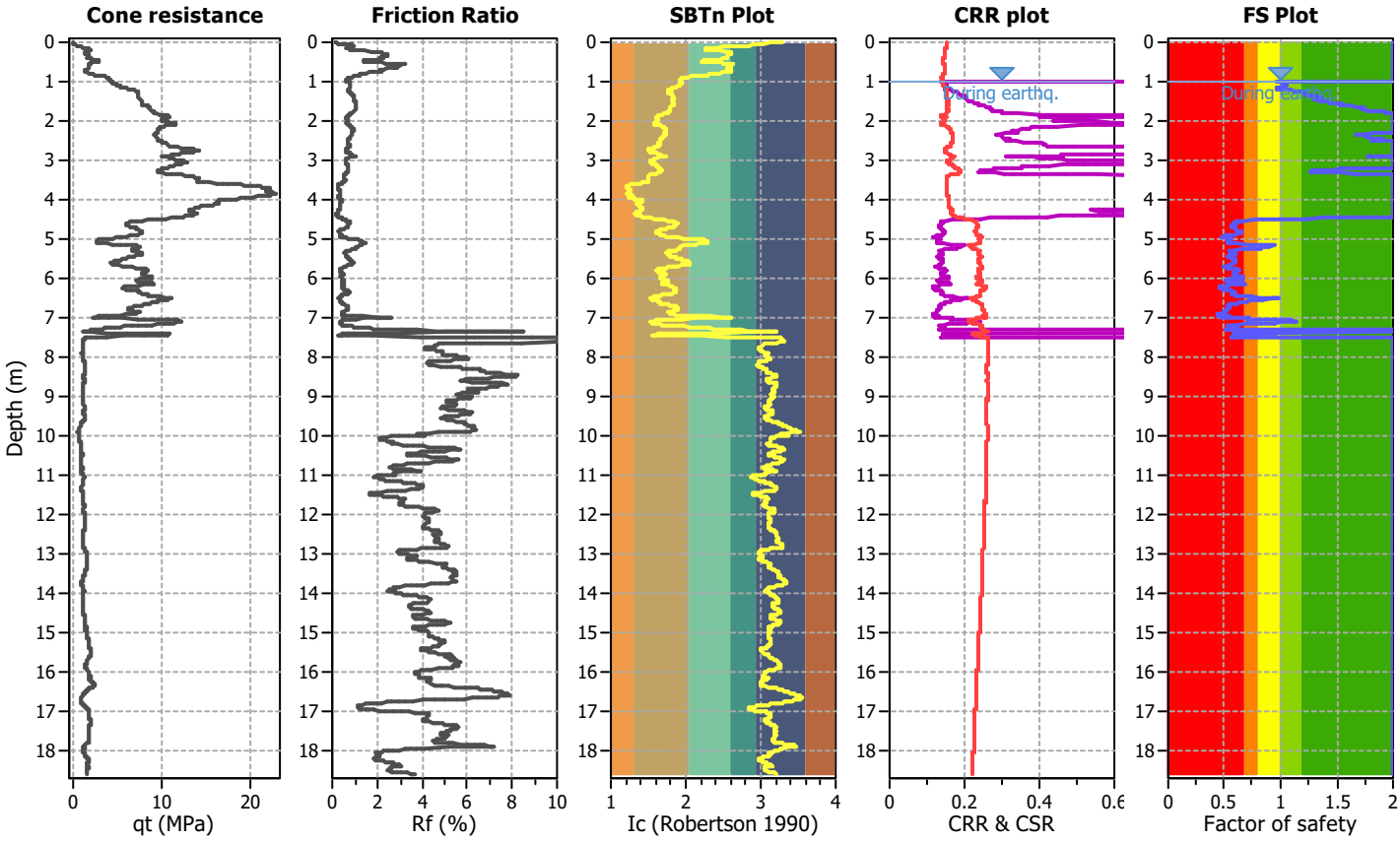
LIQUEFACTION ANALYSIS REPORT

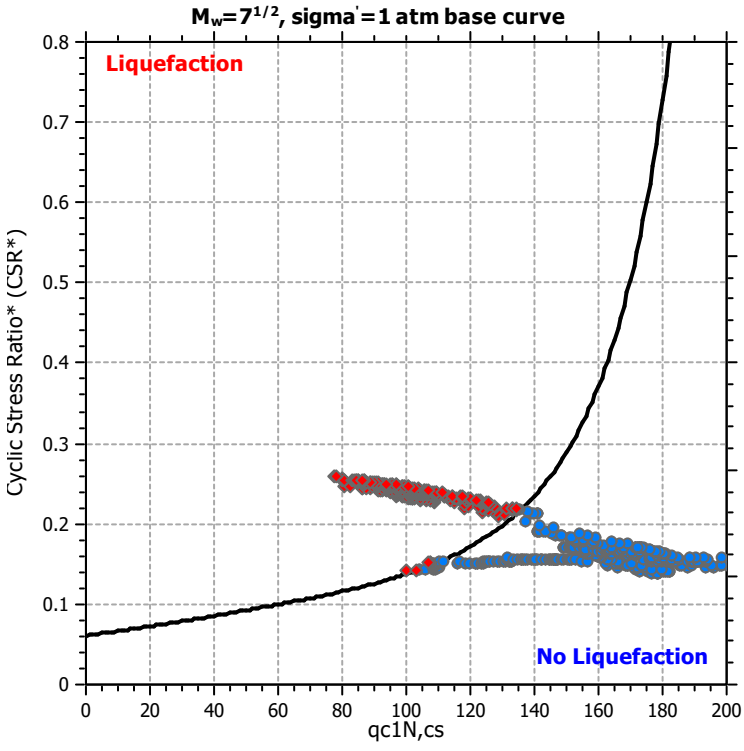
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

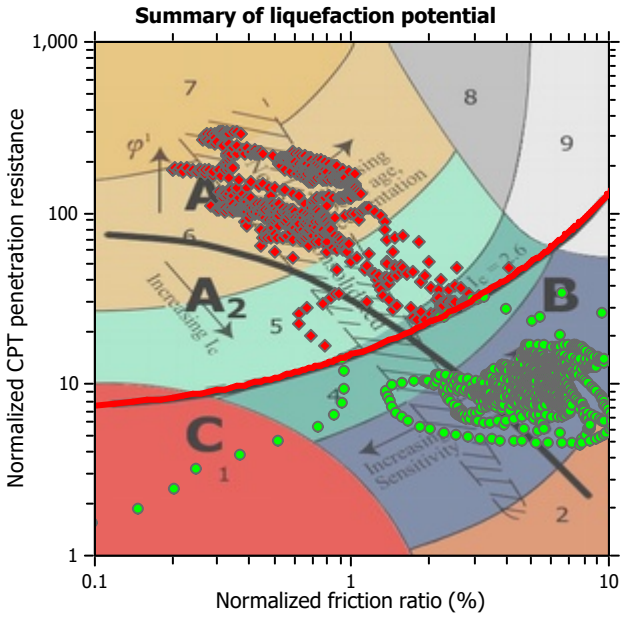
CPT file : 040008P1011CPTU1012

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

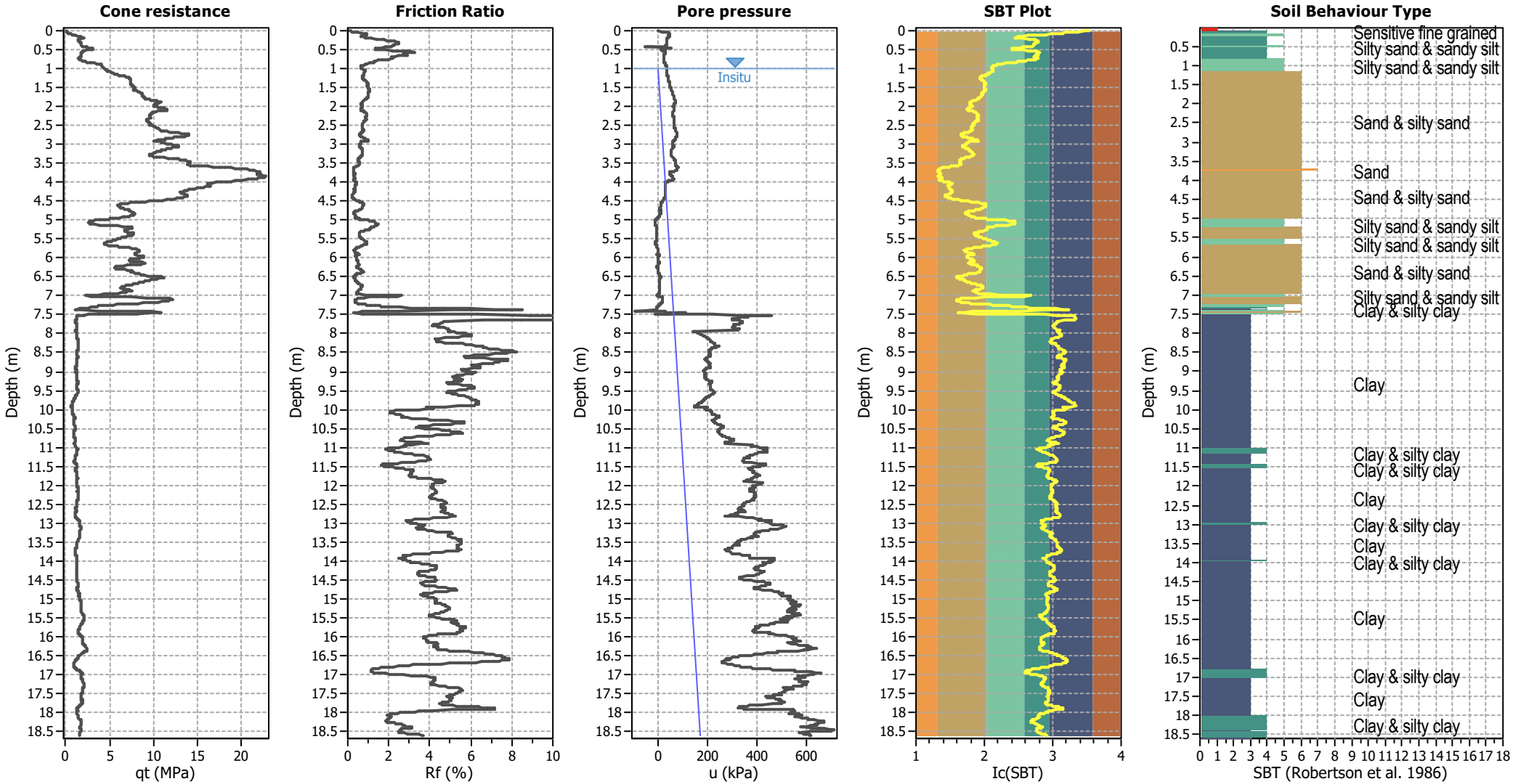






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



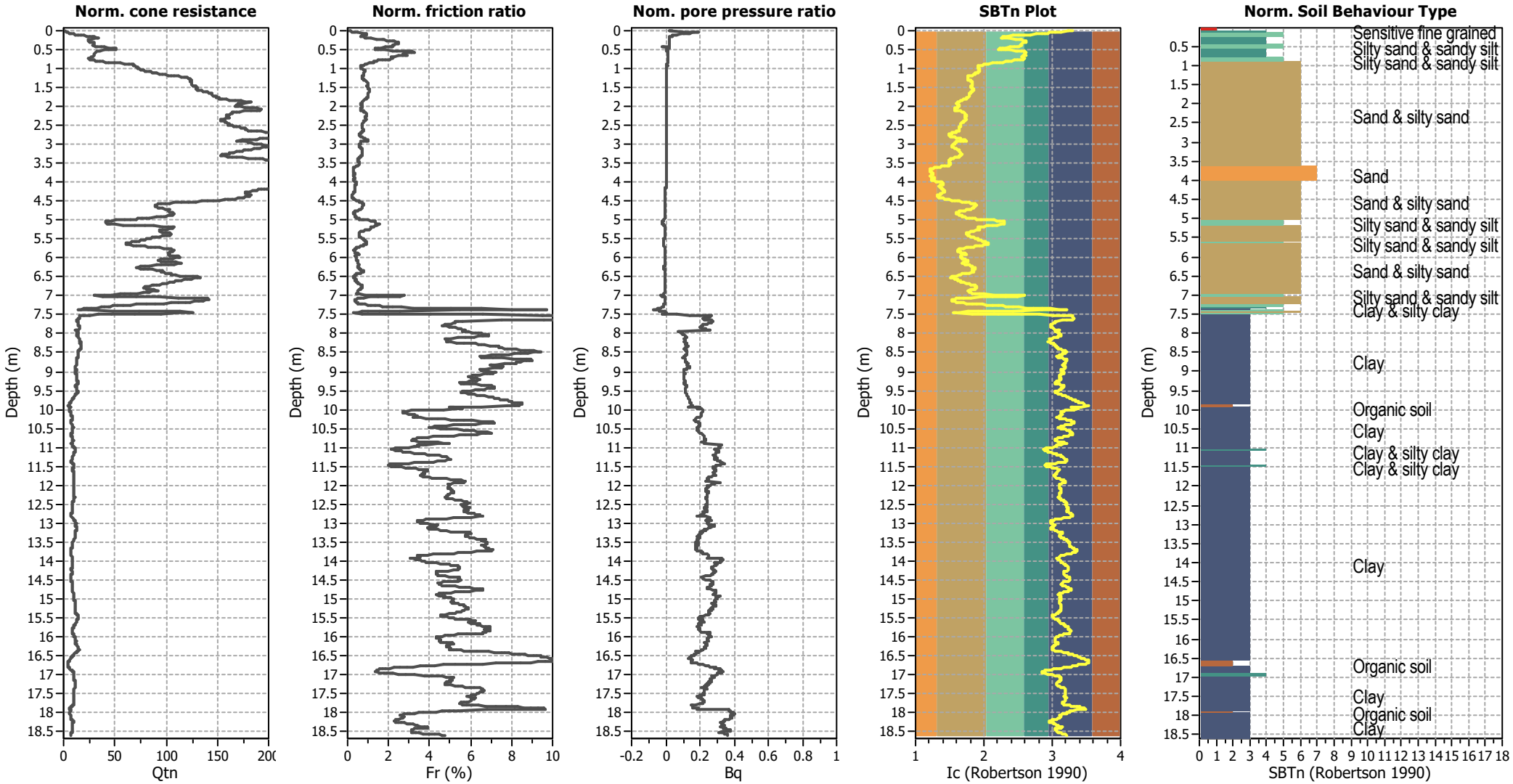
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



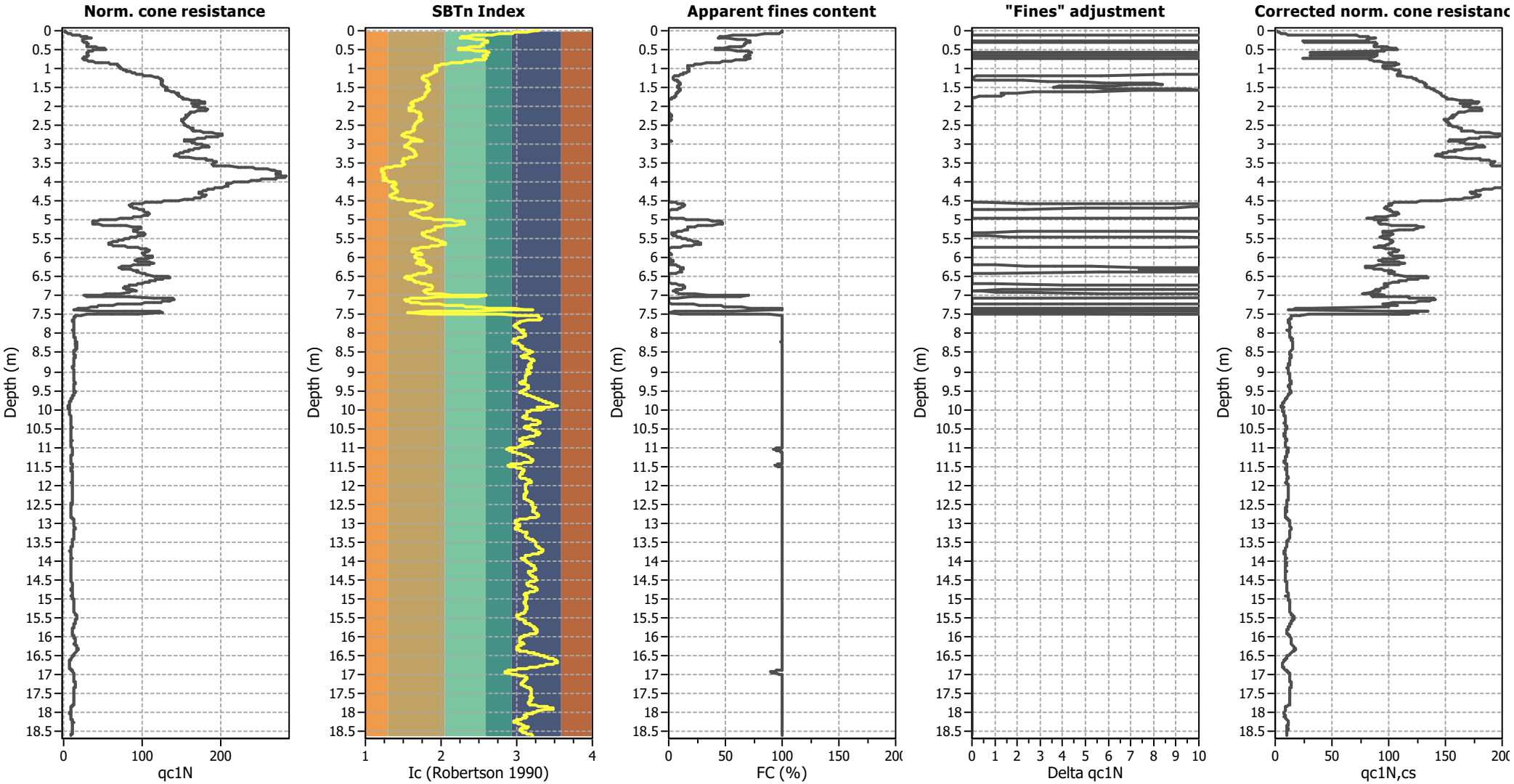
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

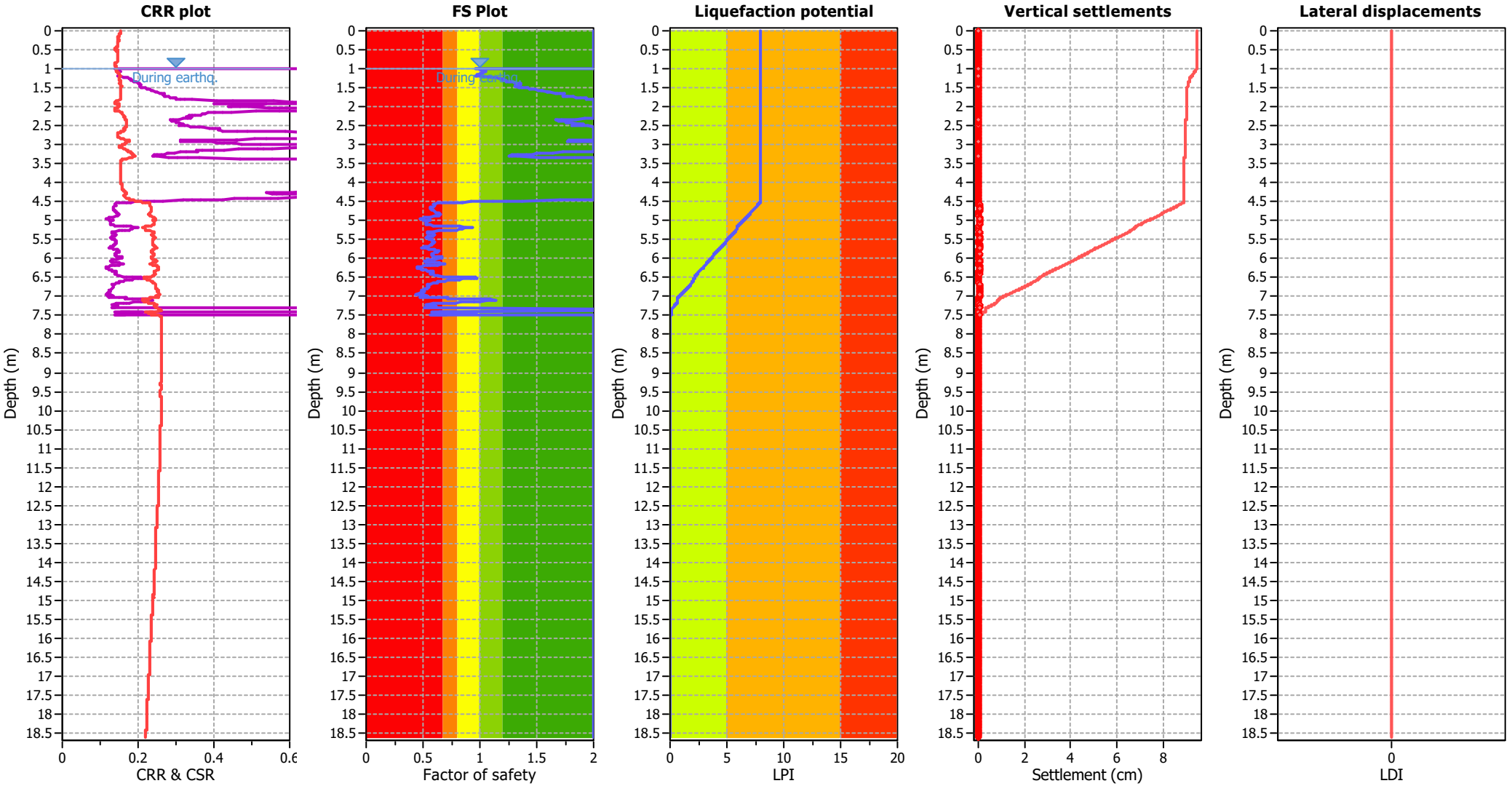
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

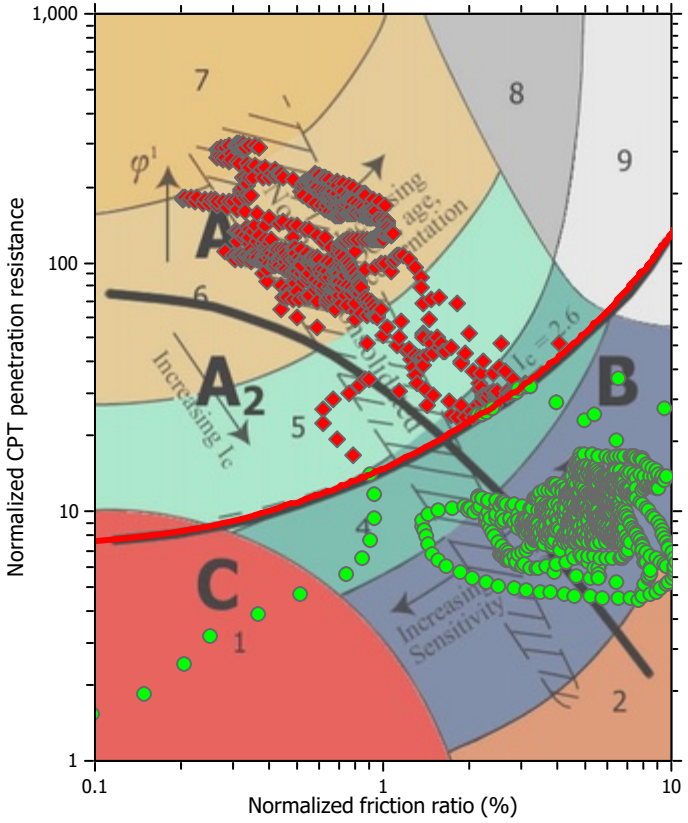
F.S. color scheme

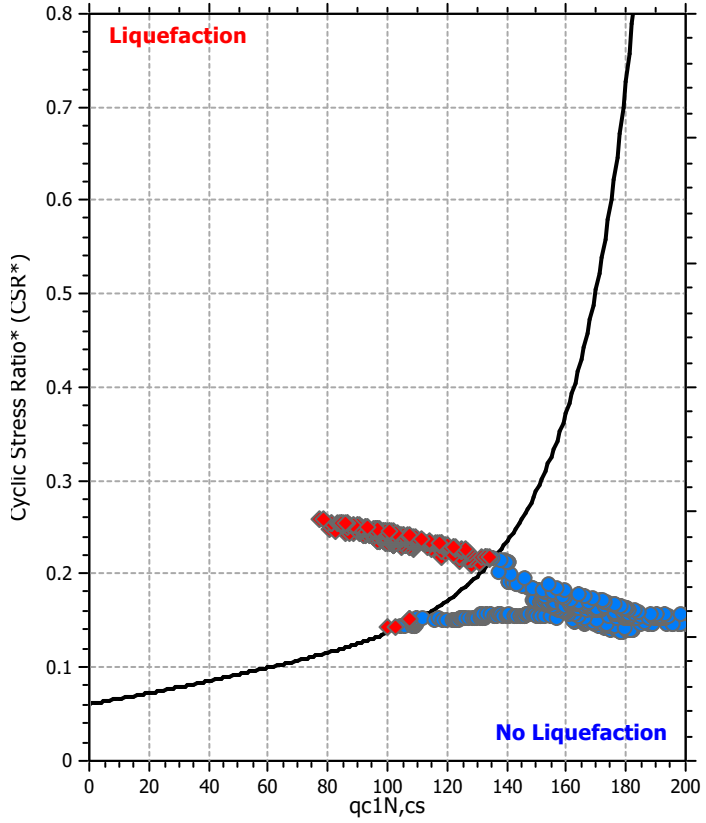
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

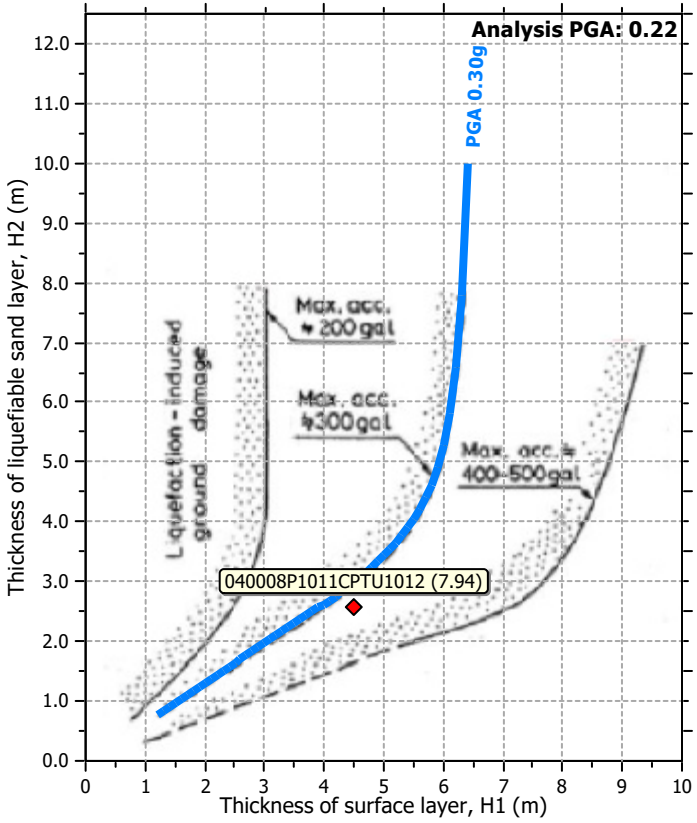
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



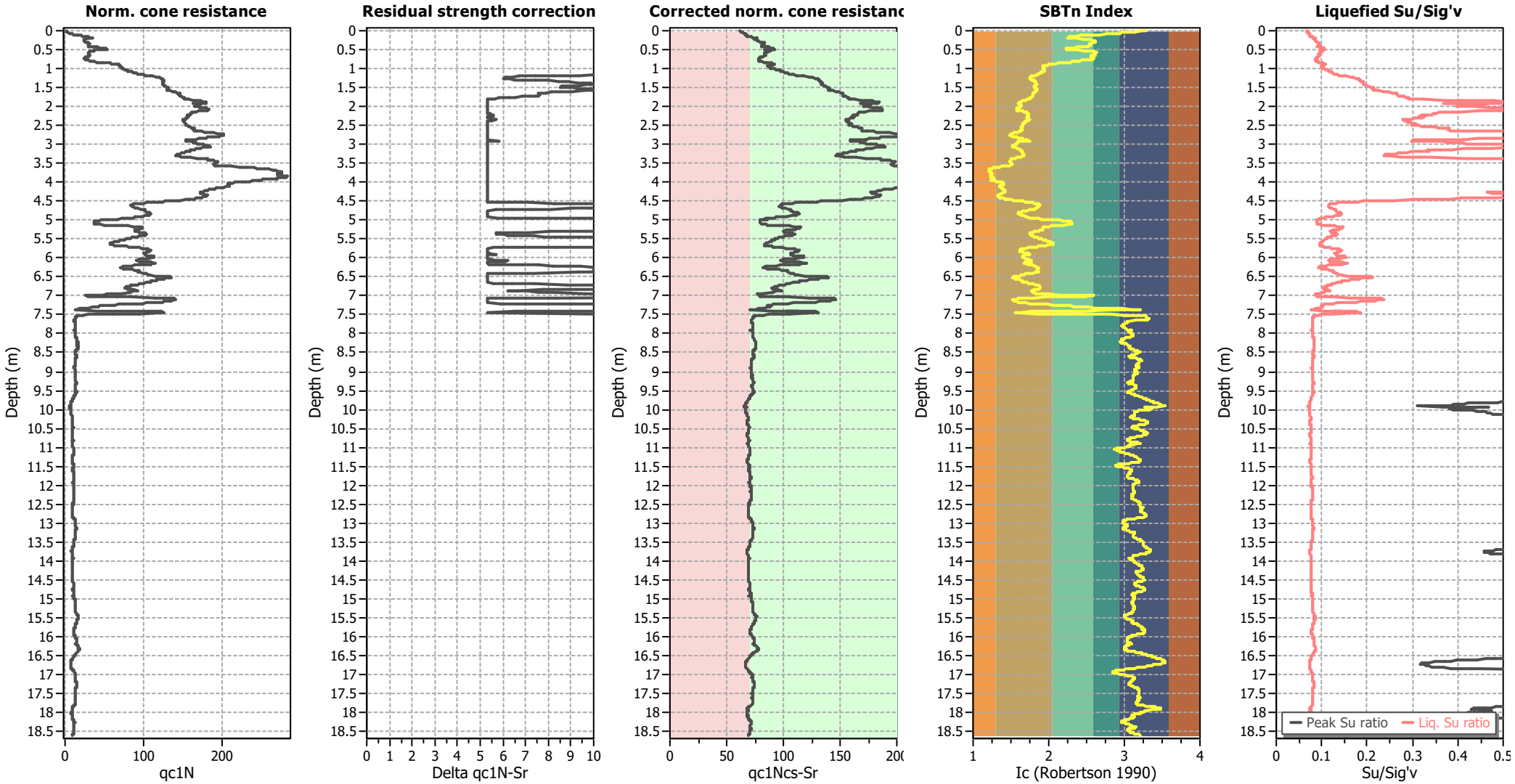




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	0.96	0.00	0.00	0.01	0.00	1.02	0.99	0.00	0.00	0.01	0.00
1.03	1.01	0.00	0.00	0.01	0.00	1.04	1.02	0.00	0.00	0.01	0.00
1.05	1.05	0.00	0.00	0.01	0.00	1.06	1.06	0.00	0.00	0.01	0.00
1.07	1.05	0.00	0.00	0.01	0.00	1.08	1.05	0.00	0.00	0.01	0.00
1.09	1.06	0.00	0.00	0.01	0.00	1.10	1.04	0.00	0.00	0.01	0.00
1.11	1.03	0.00	0.00	0.01	0.00	1.12	1.03	0.00	0.00	0.01	0.00
1.13	1.01	0.00	0.00	0.01	0.00	1.14	1.01	0.00	0.00	0.01	0.00
1.15	0.99	0.00	0.00	0.01	0.00	1.16	1.00	0.00	0.00	0.01	0.00
1.17	0.98	0.00	0.00	0.01	0.00	1.18	0.97	0.00	0.00	0.01	0.00
1.19	0.96	0.00	0.00	0.01	0.00	1.20	1.00	0.00	0.00	0.01	0.00
1.21	1.02	0.00	0.00	0.01	0.00	1.22	1.08	0.00	0.00	0.01	0.00
1.23	1.10	0.00	0.00	0.01	0.00	1.24	1.12	0.00	0.00	0.01	0.00
1.25	1.14	0.00	0.00	0.01	0.00	1.26	1.17	0.00	0.00	0.01	0.00
1.27	1.18	0.00	0.00	0.01	0.00	1.28	1.19	0.00	0.00	0.01	0.00
1.29	1.21	0.00	0.00	0.01	0.00	1.30	1.21	0.00	0.00	0.01	0.00
1.31	1.21	0.00	0.00	0.01	0.00	1.32	1.22	0.00	0.00	0.01	0.00
1.33	1.23	0.00	0.00	0.01	0.00	1.34	1.23	0.00	0.00	0.01	0.00
1.35	1.25	0.00	0.00	0.01	0.00	1.36	1.27	0.00	0.00	0.01	0.00
1.37	1.29	0.00	0.00	0.01	0.00	1.38	1.31	0.00	0.00	0.01	0.00
1.39	1.33	0.00	0.00	0.01	0.00	1.40	1.35	0.00	0.00	0.01	0.00
1.41	1.34	0.00	0.00	0.01	0.00	1.42	1.36	0.00	0.00	0.01	0.00
1.43	1.36	0.00	0.00	0.01	0.00	1.44	1.34	0.00	0.00	0.01	0.00
1.45	1.33	0.00	0.00	0.01	0.00	1.46	1.32	0.00	0.00	0.01	0.00
1.47	1.31	0.00	0.00	0.01	0.00	1.48	1.31	0.00	0.00	0.01	0.00
1.49	1.35	0.00	0.00	0.01	0.00	1.50	1.37	0.00	0.00	0.01	0.00
1.51	1.41	0.00	0.00	0.01	0.00	1.52	1.42	0.00	0.00	0.01	0.00
1.53	1.44	0.00	0.00	0.01	0.00	1.54	1.45	0.00	0.00	0.01	0.00
1.55	1.46	0.00	0.00	0.01	0.00	1.56	1.49	0.00	0.00	0.01	0.00
1.57	1.52	0.00	0.00	0.01	0.00	1.58	1.54	0.00	0.00	0.01	0.00
1.59	1.55	0.00	0.00	0.01	0.00	1.60	1.53	0.00	0.00	0.01	0.00
1.61	1.60	0.00	0.00	0.01	0.00	1.62	1.60	0.00	0.00	0.01	0.00
1.63	1.62	0.00	0.00	0.01	0.00	1.64	1.67	0.00	0.00	0.01	0.00
1.65	1.68	0.00	0.00	0.01	0.00	1.66	1.71	0.00	0.00	0.01	0.00
1.67	1.74	0.00	0.00	0.01	0.00	1.68	1.73	0.00	0.00	0.01	0.00
1.69	1.73	0.00	0.00	0.01	0.00	1.70	1.73	0.00	0.00	0.01	0.00
1.71	1.73	0.00	0.00	0.01	0.00	1.72	1.73	0.00	0.00	0.01	0.00
1.73	1.76	0.00	0.00	0.01	0.00	1.74	1.77	0.00	0.00	0.01	0.00
1.75	1.82	0.00	0.00	0.01	0.00	1.76	1.85	0.00	0.00	0.01	0.00
1.77	1.88	0.00	0.00	0.01	0.00	1.78	1.93	0.00	0.00	0.01	0.00
1.79	1.93	0.00	0.00	0.01	0.00	1.80	1.94	0.00	0.00	0.01	0.00
1.81	2.00	0.00	0.00	0.01	0.00	1.82	2.00	0.00	0.00	0.01	0.00
1.83	2.00	0.00	0.00	0.01	0.00	1.84	2.00	0.00	0.00	0.01	0.00
1.85	2.00	0.00	0.00	0.01	0.00	1.86	2.00	0.00	0.00	0.01	0.00
1.87	2.00	0.00	0.00	0.01	0.00	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	2.00	0.00	0.00	0.01	0.00	1.94	2.00	0.00	0.00	0.01	0.00
1.95	2.00	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	2.00	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	1.92	0.00	0.00	0.01	0.00
2.33	1.85	0.00	0.00	0.01	0.00	2.34	1.72	0.00	0.00	0.01	0.00
2.35	1.68	0.00	0.00	0.01	0.00	2.36	1.67	0.00	0.00	0.01	0.00
2.37	1.69	0.00	0.00	0.01	0.00	2.38	1.76	0.00	0.00	0.01	0.00
2.39	1.78	0.00	0.00	0.01	0.00	2.40	1.78	0.00	0.00	0.01	0.00
2.41	1.78	0.00	0.00	0.01	0.00	2.42	1.76	0.00	0.00	0.01	0.00
2.43	1.77	0.00	0.00	0.01	0.00	2.44	1.81	0.00	0.00	0.01	0.00
2.45	1.86	0.00	0.00	0.01	0.00	2.46	1.91	0.00	0.00	0.01	0.00
2.47	1.88	0.00	0.00	0.01	0.00	2.48	1.85	0.00	0.00	0.01	0.00
2.49	1.81	0.00	0.00	0.01	0.00	2.50	1.81	0.00	0.00	0.01	0.00
2.51	1.90	0.00	0.00	0.01	0.00	2.52	1.95	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	2.00	0.00	0.00	0.01	0.00
2.85	2.00	0.00	0.00	0.01	0.00	2.86	2.00	0.00	0.00	0.01	0.00
2.87	2.00	0.00	0.00	0.01	0.00	2.88	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	2.00	0.00	0.00	0.01	0.00	2.90	1.78	0.00	0.00	0.01	0.00
2.91	1.77	0.00	0.00	0.01	0.00	2.92	1.76	0.00	0.00	0.01	0.00
2.93	2.00	0.00	0.00	0.01	0.00	2.94	2.00	0.00	0.00	0.01	0.00
2.95	2.00	0.00	0.00	0.01	0.00	2.96	2.00	0.00	0.00	0.01	0.00
2.97	2.00	0.00	0.00	0.01	0.00	2.98	2.00	0.00	0.00	0.01	0.00
2.99	2.00	0.00	0.00	0.01	0.00	3.00	2.00	0.00	0.00	0.01	0.00
3.01	2.00	0.00	0.00	0.01	0.00	3.02	2.00	0.00	0.00	0.01	0.00
3.03	2.00	0.00	0.00	0.01	0.00	3.04	2.00	0.00	0.00	0.01	0.00
3.05	2.00	0.00	0.00	0.01	0.00	3.06	2.00	0.00	0.00	0.01	0.00
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	1.85	0.00	0.00	0.01	0.00
3.21	1.73	0.00	0.00	0.01	0.00	3.22	1.64	0.00	0.00	0.01	0.00
3.23	1.53	0.00	0.00	0.01	0.00	3.24	1.49	0.00	0.00	0.01	0.00
3.25	1.46	0.00	0.00	0.01	0.00	3.26	1.41	0.00	0.00	0.01	0.00
3.27	1.33	0.00	0.00	0.01	0.00	3.28	1.28	0.00	0.00	0.01	0.00
3.29	1.26	0.00	0.00	0.01	0.00	3.30	1.26	0.00	0.00	0.01	0.00
3.31	1.28	0.00	0.00	0.01	0.00	3.32	1.33	0.00	0.00	0.01	0.00
3.33	1.53	0.00	0.00	0.01	0.00	3.34	1.67	0.00	0.00	0.01	0.00
3.35	1.84	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	2.00	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	2.00	0.00	0.00	0.01	0.00	3.62	2.00	0.00	0.00	0.01	0.00
3.63	2.00	0.00	0.00	0.01	0.00	3.64	2.00	0.00	0.00	0.01	0.00
3.65	2.00	0.00	0.00	0.01	0.00	3.66	2.00	0.00	0.00	0.01	0.00
3.67	2.00	0.00	0.00	0.01	0.00	3.68	2.00	0.00	0.00	0.01	0.00
3.69	2.00	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	2.00	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	2.00	0.00	0.00	0.01	0.00
4.03	2.00	0.00	0.00	0.01	0.00	4.04	2.00	0.00	0.00	0.01	0.00
4.05	2.00	0.00	0.00	0.01	0.00	4.06	2.00	0.00	0.00	0.01	0.00
4.07	2.00	0.00	0.00	0.01	0.00	4.08	2.00	0.00	0.00	0.01	0.00
4.09	2.00	0.00	0.00	0.01	0.00	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	2.00	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	2.00	0.00	0.00	0.01	0.00	4.18	2.00	0.00	0.00	0.01	0.00
4.19	2.00	0.00	0.00	0.01	0.00	4.20	2.00	0.00	0.00	0.01	0.00
4.21	2.00	0.00	0.00	0.01	0.00	4.22	2.00	0.00	0.00	0.01	0.00
4.23	2.00	0.00	0.00	0.01	0.00	4.24	2.00	0.00	0.00	0.01	0.00
4.25	2.00	0.00	0.00	0.01	0.00	4.26	2.00	0.00	0.00	0.01	0.00
4.27	2.00	0.00	0.00	0.01	0.00	4.28	2.00	0.00	0.00	0.01	0.00
4.29	2.00	0.00	0.00	0.01	0.00	4.30	2.00	0.00	0.00	0.01	0.00
4.31	2.00	0.00	0.00	0.01	0.00	4.32	2.00	0.00	0.00	0.01	0.00
4.33	2.00	0.00	0.00	0.01	0.00	4.34	2.00	0.00	0.00	0.01	0.00
4.35	2.00	0.00	0.00	0.01	0.00	4.36	2.00	0.00	0.00	0.01	0.00
4.37	2.00	0.00	0.00	0.01	0.00	4.38	2.00	0.00	0.00	0.01	0.00
4.39	2.00	0.00	0.00	0.01	0.00	4.40	2.00	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	2.00	0.00	0.00	0.01	0.00
4.43	2.00	0.00	0.00	0.01	0.00	4.44	2.00	0.00	0.00	0.01	0.00
4.45	2.00	0.00	0.00	0.01	0.00	4.46	1.86	0.00	0.00	0.01	0.00
4.47	1.71	0.00	0.00	0.01	0.00	4.48	1.37	0.00	0.00	0.01	0.00
4.49	1.23	0.00	0.00	0.01	0.00	4.50	1.11	0.00	0.00	0.01	0.00
4.51	0.92	0.00	0.00	0.01	0.01	4.52	0.85	0.00	0.00	0.01	0.01
4.53	0.77	0.00	0.00	0.01	0.02	4.54	0.66	0.00	0.00	0.01	0.03
4.55	0.63	0.00	0.00	0.01	0.03	4.56	0.61	0.39	0.64	0.01	0.03
4.57	0.61	0.39	0.64	0.01	0.03	4.58	0.59	0.41	0.62	0.01	0.03
4.59	0.60	0.40	0.64	0.01	0.03	4.60	0.61	0.39	0.65	0.01	0.03
4.61	0.60	0.40	0.64	0.01	0.03	4.62	0.60	0.40	0.63	0.01	0.03
4.63	0.58	0.42	0.60	0.01	0.03	4.64	0.58	0.42	0.59	0.01	0.03
4.65	0.57	0.43	0.57	0.01	0.03	4.66	0.57	0.43	0.57	0.01	0.03
4.67	0.57	0.43	0.57	0.01	0.03	4.68	0.57	0.43	0.57	0.01	0.03
4.69	0.57	0.43	0.57	0.01	0.03	4.70	0.56	0.44	0.57	0.01	0.03
4.71	0.58	0.42	0.59	0.01	0.03	4.72	0.58	0.42	0.60	0.01	0.03
4.73	0.59	0.41	0.61	0.01	0.03	4.74	0.60	0.40	0.62	0.01	0.03
4.75	0.60	0.40	0.63	0.01	0.03	4.76	0.60	0.40	0.63	0.01	0.03
4.77	0.60	0.40	0.63	0.01	0.03	4.78	0.60	0.40	0.64	0.01	0.03
4.79	0.61	0.39	0.66	0.01	0.03	4.80	0.63	0.00	0.00	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.63	0.00	0.00	0.01	0.03	4.82	0.64	0.00	0.00	0.01	0.03
4.83	0.65	0.00	0.00	0.01	0.03	4.84	0.65	0.00	0.00	0.01	0.03
4.85	0.65	0.00	0.00	0.01	0.03	4.86	0.64	0.00	0.00	0.01	0.03
4.87	0.63	0.00	0.00	0.01	0.03	4.88	0.62	0.00	0.00	0.01	0.03
4.89	0.60	0.40	0.63	0.01	0.03	4.90	0.57	0.43	0.57	0.01	0.03
4.91	0.57	0.43	0.57	0.01	0.03	4.92	0.57	0.43	0.57	0.01	0.03
4.93	0.51	0.49	0.49	0.01	0.04	4.94	0.50	0.50	0.48	0.01	0.04
4.95	0.47	0.53	0.45	0.01	0.04	4.96	0.48	0.52	0.46	0.01	0.04
4.97	0.50	0.50	0.48	0.01	0.04	4.98	0.50	0.50	0.48	0.01	0.04
4.99	0.57	0.43	0.57	0.01	0.03	5.00	0.54	0.46	0.53	0.01	0.03
5.01	0.55	0.45	0.54	0.01	0.03	5.02	0.53	0.47	0.52	0.01	0.03
5.03	0.53	0.47	0.52	0.01	0.04	5.04	0.53	0.47	0.51	0.01	0.04
5.05	0.52	0.48	0.51	0.01	0.04	5.06	0.52	0.48	0.50	0.01	0.04
5.07	0.52	0.48	0.51	0.01	0.04	5.08	0.52	0.48	0.51	0.01	0.04
5.09	0.53	0.47	0.51	0.01	0.04	5.10	0.54	0.46	0.53	0.01	0.03
5.11	0.54	0.46	0.53	0.01	0.03	5.12	0.57	0.43	0.57	0.01	0.03
5.13	0.59	0.41	0.62	0.01	0.03	5.14	0.71	0.00	0.00	0.01	0.02
5.15	0.76	0.00	0.00	0.01	0.02	5.16	0.83	0.00	0.00	0.01	0.01
5.17	0.88	0.00	0.00	0.01	0.01	5.18	0.94	0.00	0.00	0.01	0.00
5.19	0.89	0.00	0.00	0.01	0.01	5.20	0.87	0.00	0.00	0.01	0.01
5.21	0.85	0.00	0.00	0.01	0.01	5.22	0.83	0.00	0.00	0.01	0.01
5.23	0.83	0.00	0.00	0.01	0.01	5.24	0.83	0.00	0.00	0.01	0.01
5.25	0.80	0.00	0.00	0.01	0.01	5.26	0.74	0.00	0.00	0.01	0.02
5.27	0.69	0.00	0.00	0.01	0.02	5.28	0.64	0.00	0.00	0.01	0.03
5.29	0.59	0.41	0.60	0.01	0.03	5.30	0.55	0.45	0.55	0.01	0.03
5.31	0.54	0.46	0.53	0.01	0.03	5.32	0.54	0.46	0.53	0.01	0.03
5.33	0.57	0.43	0.57	0.01	0.03	5.34	0.58	0.42	0.59	0.01	0.03
5.35	0.59	0.41	0.61	0.01	0.03	5.36	0.60	0.40	0.63	0.01	0.03
5.37	0.60	0.40	0.64	0.01	0.03	5.38	0.60	0.40	0.64	0.01	0.03
5.39	0.60	0.40	0.62	0.01	0.03	5.40	0.58	0.42	0.60	0.01	0.03
5.41	0.56	0.44	0.57	0.01	0.03	5.42	0.55	0.45	0.55	0.01	0.03
5.43	0.54	0.46	0.53	0.01	0.03	5.44	0.53	0.47	0.52	0.01	0.03
5.45	0.53	0.47	0.52	0.01	0.03	5.46	0.52	0.48	0.51	0.01	0.03
5.47	0.54	0.46	0.52	0.01	0.03	5.48	0.55	0.45	0.54	0.01	0.03
5.49	0.55	0.45	0.55	0.01	0.03	5.50	0.57	0.43	0.57	0.01	0.03
5.51	0.57	0.43	0.58	0.01	0.03	5.52	0.58	0.42	0.60	0.01	0.03
5.53	0.60	0.40	0.62	0.01	0.03	5.54	0.59	0.41	0.62	0.01	0.03
5.55	0.60	0.40	0.64	0.01	0.03	5.56	0.61	0.39	0.64	0.01	0.03
5.57	0.60	0.40	0.64	0.01	0.03	5.58	0.60	0.40	0.64	0.01	0.03
5.59	0.59	0.41	0.61	0.01	0.03	5.60	0.59	0.41	0.61	0.01	0.03
5.61	0.59	0.41	0.60	0.01	0.03	5.62	0.58	0.42	0.59	0.01	0.03
5.63	0.58	0.42	0.59	0.01	0.03	5.64	0.57	0.43	0.58	0.01	0.03
5.65	0.57	0.43	0.57	0.01	0.03	5.66	0.56	0.44	0.56	0.01	0.03
5.67	0.55	0.45	0.54	0.01	0.03	5.68	0.55	0.45	0.55	0.01	0.03
5.69	0.53	0.47	0.52	0.01	0.03	5.70	0.52	0.48	0.50	0.01	0.03
5.71	0.50	0.50	0.48	0.01	0.04	5.72	0.49	0.51	0.47	0.01	0.04
5.73	0.51	0.49	0.49	0.01	0.03	5.74	0.53	0.47	0.51	0.01	0.03
5.75	0.55	0.45	0.54	0.01	0.03	5.76	0.59	0.41	0.61	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.61	0.39	0.64	0.01	0.03	5.78	0.62	0.00	0.00	0.01	0.03
5.79	0.63	0.00	0.00	0.01	0.03	5.80	0.64	0.00	0.00	0.01	0.03
5.81	0.63	0.00	0.00	0.01	0.03	5.82	0.63	0.00	0.00	0.01	0.03
5.83	0.62	0.00	0.00	0.01	0.03	5.84	0.61	0.39	0.66	0.01	0.03
5.85	0.60	0.40	0.63	0.01	0.03	5.86	0.59	0.41	0.61	0.01	0.03
5.87	0.58	0.42	0.60	0.01	0.03	5.88	0.57	0.43	0.58	0.01	0.03
5.89	0.57	0.43	0.58	0.01	0.03	5.90	0.59	0.41	0.60	0.01	0.03
5.91	0.59	0.41	0.60	0.01	0.03	5.92	0.58	0.42	0.60	0.01	0.03
5.93	0.58	0.42	0.59	0.01	0.03	5.94	0.59	0.41	0.61	0.01	0.03
5.95	0.62	0.00	0.00	0.01	0.03	5.96	0.64	0.00	0.00	0.01	0.03
5.97	0.67	0.00	0.00	0.01	0.02	5.98	0.67	0.00	0.00	0.01	0.02
5.99	0.66	0.00	0.00	0.01	0.02	6.00	0.65	0.00	0.00	0.01	0.02
6.01	0.60	0.40	0.63	0.01	0.03	6.02	0.58	0.42	0.60	0.01	0.03
6.03	0.55	0.45	0.54	0.01	0.03	6.04	0.53	0.47	0.52	0.01	0.03
6.05	0.52	0.48	0.51	0.01	0.03	6.06	0.51	0.49	0.50	0.01	0.03
6.07	0.51	0.49	0.49	0.01	0.03	6.08	0.52	0.48	0.50	0.01	0.03
6.09	0.53	0.47	0.51	0.01	0.03	6.10	0.55	0.45	0.54	0.01	0.03
6.11	0.60	0.40	0.64	0.01	0.03	6.12	0.64	0.00	0.00	0.01	0.03
6.13	0.66	0.00	0.00	0.01	0.02	6.14	0.69	0.00	0.00	0.01	0.02
6.15	0.68	0.00	0.00	0.01	0.02	6.16	0.66	0.00	0.00	0.01	0.02
6.17	0.63	0.00	0.00	0.01	0.03	6.18	0.56	0.44	0.56	0.01	0.03
6.19	0.53	0.47	0.52	0.01	0.03	6.20	0.51	0.49	0.49	0.01	0.03
6.21	0.49	0.51	0.47	0.01	0.04	6.22	0.46	0.54	0.43	0.01	0.04
6.23	0.45	0.55	0.43	0.01	0.04	6.24	0.45	0.55	0.43	0.01	0.04
6.25	0.46	0.54	0.43	0.01	0.04	6.26	0.47	0.53	0.44	0.01	0.04
6.27	0.48	0.52	0.45	0.01	0.04	6.28	0.49	0.51	0.46	0.01	0.04
6.29	0.49	0.51	0.47	0.01	0.04	6.30	0.51	0.49	0.49	0.01	0.03
6.31	0.52	0.48	0.50	0.01	0.03	6.32	0.54	0.46	0.53	0.01	0.03
6.33	0.57	0.43	0.57	0.01	0.03	6.34	0.58	0.42	0.59	0.01	0.03
6.35	0.59	0.41	0.60	0.01	0.03	6.36	0.59	0.41	0.61	0.01	0.03
6.37	0.60	0.40	0.62	0.01	0.03	6.38	0.59	0.41	0.61	0.01	0.03
6.39	0.57	0.43	0.57	0.01	0.03	6.40	0.56	0.44	0.56	0.01	0.03
6.41	0.57	0.43	0.57	0.01	0.03	6.42	0.58	0.42	0.59	0.01	0.03
6.43	0.59	0.41	0.62	0.01	0.03	6.44	0.60	0.40	0.64	0.01	0.03
6.45	0.61	0.39	0.65	0.01	0.03	6.46	0.62	0.00	0.00	0.01	0.03
6.47	0.68	0.00	0.00	0.01	0.02	6.48	0.74	0.00	0.00	0.01	0.02
6.49	0.81	0.00	0.00	0.01	0.01	6.50	0.96	0.00	0.00	0.01	0.00
6.51	0.98	0.00	0.00	0.01	0.00	6.52	0.95	0.00	0.00	0.01	0.00
6.53	0.92	0.00	0.00	0.01	0.01	6.54	0.85	0.00	0.00	0.01	0.01
6.55	0.82	0.00	0.00	0.01	0.01	6.56	0.79	0.00	0.00	0.01	0.01
6.57	0.73	0.00	0.00	0.01	0.02	6.58	0.71	0.00	0.00	0.01	0.02
6.59	0.70	0.00	0.00	0.01	0.02	6.60	0.66	0.00	0.00	0.01	0.02
6.61	0.64	0.00	0.00	0.01	0.02	6.62	0.63	0.00	0.00	0.01	0.02
6.63	0.63	0.00	0.00	0.01	0.02	6.64	0.61	0.39	0.66	0.01	0.03
6.65	0.60	0.40	0.63	0.01	0.03	6.66	0.59	0.41	0.61	0.01	0.03
6.67	0.56	0.44	0.56	0.01	0.03	6.68	0.54	0.46	0.54	0.01	0.03
6.69	0.53	0.47	0.52	0.01	0.03	6.70	0.54	0.46	0.53	0.01	0.03
6.71	0.54	0.46	0.52	0.01	0.03	6.72	0.55	0.45	0.54	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.55	0.45	0.55	0.01	0.03	6.74	0.55	0.45	0.55	0.01	0.03
6.75	0.54	0.46	0.53	0.01	0.03	6.76	0.54	0.46	0.53	0.01	0.03
6.77	0.54	0.46	0.53	0.01	0.03	6.78	0.53	0.47	0.52	0.01	0.03
6.79	0.53	0.47	0.52	0.01	0.03	6.80	0.53	0.47	0.52	0.01	0.03
6.81	0.52	0.48	0.50	0.01	0.03	6.82	0.51	0.49	0.50	0.01	0.03
6.83	0.50	0.50	0.48	0.01	0.03	6.84	0.50	0.50	0.48	0.01	0.03
6.85	0.49	0.51	0.47	0.01	0.03	6.86	0.51	0.49	0.49	0.01	0.03
6.87	0.52	0.48	0.50	0.01	0.03	6.88	0.50	0.50	0.48	0.01	0.03
6.89	0.48	0.52	0.46	0.01	0.03	6.90	0.47	0.53	0.45	0.01	0.03
6.91	0.47	0.53	0.45	0.01	0.03	6.92	0.47	0.53	0.45	0.01	0.03
6.93	0.44	0.56	0.42	0.01	0.04	6.94	0.44	0.56	0.42	0.01	0.04
6.95	0.47	0.53	0.45	0.01	0.03	6.96	0.50	0.50	0.48	0.01	0.03
6.97	0.54	0.46	0.53	0.01	0.03	6.98	0.49	0.51	0.47	0.01	0.03
6.99	0.48	0.52	0.46	0.01	0.03	7.00	0.47	0.53	0.45	0.01	0.03
7.01	0.48	0.52	0.46	0.01	0.03	7.02	0.63	0.00	0.00	0.01	0.02
7.03	0.72	0.00	0.00	0.01	0.02	7.04	0.71	0.00	0.00	0.01	0.02
7.05	0.72	0.00	0.00	0.01	0.02	7.06	0.83	0.00	0.00	0.01	0.01
7.07	0.95	0.00	0.00	0.01	0.00	7.08	1.09	0.00	0.00	0.01	0.00
7.09	1.13	0.00	0.00	0.01	0.00	7.10	1.14	0.00	0.00	0.01	0.00
7.11	1.11	0.00	0.00	0.01	0.00	7.12	1.06	0.00	0.00	0.01	0.00
7.13	1.01	0.00	0.00	0.01	0.00	7.14	0.95	0.00	0.00	0.01	0.00
7.15	0.83	0.00	0.00	0.01	0.01	7.16	0.78	0.00	0.00	0.01	0.01
7.17	0.73	0.00	0.00	0.01	0.02	7.18	0.68	0.00	0.00	0.01	0.02
7.19	0.58	0.42	0.60	0.01	0.03	7.20	0.54	0.46	0.53	0.01	0.03
7.21	0.53	0.47	0.51	0.01	0.03	7.22	0.54	0.46	0.53	0.01	0.03
7.23	0.60	0.40	0.63	0.01	0.03	7.24	0.61	0.39	0.65	0.01	0.03
7.25	0.61	0.39	0.66	0.01	0.02	7.26	0.57	0.43	0.57	0.01	0.03
7.27	0.56	0.44	0.56	0.01	0.03	7.28	0.55	0.45	0.55	0.01	0.03
7.29	0.55	0.45	0.55	0.01	0.03	7.30	0.54	0.46	0.52	0.01	0.03
7.31	0.52	0.48	0.50	0.01	0.03	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	0.57	0.43	0.58	0.01	0.03	7.40	0.97	0.00	0.00	0.01	0.00
7.41	0.65	0.00	0.00	0.01	0.02	7.42	0.77	0.00	0.00	0.01	0.01
7.43	0.81	0.00	0.00	0.01	0.01	7.44	0.82	0.00	0.00	0.01	0.01
7.45	0.74	0.00	0.00	0.01	0.02	7.46	0.77	0.00	0.00	0.01	0.01
7.47	0.58	0.42	0.58	0.01	0.03	7.48	0.71	0.00	0.00	0.01	0.02
7.49	0.56	0.44	0.56	0.01	0.03	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.07	2.00	0.00	0.00	0.01	0.00	16.08	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.01	0.00	16.10	2.00	0.00	0.00	0.01	0.00
16.11	2.00	0.00	0.00	0.01	0.00	16.12	2.00	0.00	0.00	0.01	0.00
16.13	2.00	0.00	0.00	0.01	0.00	16.14	2.00	0.00	0.00	0.01	0.00
16.15	2.00	0.00	0.00	0.01	0.00	16.16	2.00	0.00	0.00	0.01	0.00
16.17	2.00	0.00	0.00	0.01	0.00	16.18	2.00	0.00	0.00	0.01	0.00
16.19	2.00	0.00	0.00	0.01	0.00	16.20	2.00	0.00	0.00	0.01	0.00
16.21	2.00	0.00	0.00	0.01	0.00	16.22	2.00	0.00	0.00	0.01	0.00
16.23	2.00	0.00	0.00	0.01	0.00	16.24	2.00	0.00	0.00	0.01	0.00
16.25	2.00	0.00	0.00	0.01	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.27	2.00	0.00	0.00	0.01	0.00	16.28	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.01	0.00	16.30	2.00	0.00	0.00	0.01	0.00
16.31	2.00	0.00	0.00	0.01	0.00	16.32	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.33	2.00	0.00	0.00	0.01	0.00	16.34	2.00	0.00	0.00	0.01	0.00
16.35	2.00	0.00	0.00	0.01	0.00	16.36	2.00	0.00	0.00	0.01	0.00
16.37	2.00	0.00	0.00	0.01	0.00	16.38	2.00	0.00	0.00	0.01	0.00
16.39	2.00	0.00	0.00	0.01	0.00	16.40	2.00	0.00	0.00	0.01	0.00
16.41	2.00	0.00	0.00	0.01	0.00	16.42	2.00	0.00	0.00	0.01	0.00
16.43	2.00	0.00	0.00	0.01	0.00	16.44	2.00	0.00	0.00	0.01	0.00
16.45	2.00	0.00	0.00	0.01	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.47	2.00	0.00	0.00	0.01	0.00	16.48	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.01	0.00	16.50	2.00	0.00	0.00	0.01	0.00
16.51	2.00	0.00	0.00	0.01	0.00	16.52	2.00	0.00	0.00	0.01	0.00
16.53	2.00	0.00	0.00	0.01	0.00	16.54	2.00	0.00	0.00	0.01	0.00
16.55	2.00	0.00	0.00	0.01	0.00	16.56	2.00	0.00	0.00	0.01	0.00
16.57	2.00	0.00	0.00	0.01	0.00	16.58	2.00	0.00	0.00	0.01	0.00
16.59	2.00	0.00	0.00	0.01	0.00	16.60	2.00	0.00	0.00	0.01	0.00
16.61	2.00	0.00	0.00	0.01	0.00	16.62	2.00	0.00	0.00	0.01	0.00
16.63	2.00	0.00	0.00	0.01	0.00	16.64	2.00	0.00	0.00	0.01	0.00
16.65	2.00	0.00	0.00	0.01	0.00	16.66	2.00	0.00	0.00	0.01	0.00
16.67	2.00	0.00	0.00	0.01	0.00	16.68	2.00	0.00	0.00	0.01	0.00
16.69	2.00	0.00	0.00	0.01	0.00	16.70	2.00	0.00	0.00	0.01	0.00
16.71	2.00	0.00	0.00	0.01	0.00	16.72	2.00	0.00	0.00	0.01	0.00
16.73	2.00	0.00	0.00	0.01	0.00	16.74	2.00	0.00	0.00	0.01	0.00
16.75	2.00	0.00	0.00	0.01	0.00	16.76	2.00	0.00	0.00	0.01	0.00
16.77	2.00	0.00	0.00	0.01	0.00	16.78	2.00	0.00	0.00	0.01	0.00
16.79	2.00	0.00	0.00	0.01	0.00	16.80	2.00	0.00	0.00	0.01	0.00
16.81	2.00	0.00	0.00	0.01	0.00	16.82	2.00	0.00	0.00	0.01	0.00
16.83	2.00	0.00	0.00	0.01	0.00	16.84	2.00	0.00	0.00	0.01	0.00
16.85	2.00	0.00	0.00	0.01	0.00	16.86	2.00	0.00	0.00	0.01	0.00
16.87	2.00	0.00	0.00	0.01	0.00	16.88	2.00	0.00	0.00	0.01	0.00
16.89	2.00	0.00	0.00	0.01	0.00	16.90	2.00	0.00	0.00	0.01	0.00
16.91	2.00	0.00	0.00	0.01	0.00	16.92	2.00	0.00	0.00	0.01	0.00
16.93	2.00	0.00	0.00	0.01	0.00	16.94	2.00	0.00	0.00	0.01	0.00
16.95	2.00	0.00	0.00	0.01	0.00	16.96	2.00	0.00	0.00	0.01	0.00
16.97	2.00	0.00	0.00	0.01	0.00	16.98	2.00	0.00	0.00	0.01	0.00
16.99	2.00	0.00	0.00	0.01	0.00	17.00	2.00	0.00	0.00	0.01	0.00
17.01	2.00	0.00	0.00	0.01	0.00	17.02	2.00	0.00	0.00	0.01	0.00
17.03	2.00	0.00	0.00	0.01	0.00	17.04	2.00	0.00	0.00	0.01	0.00
17.05	2.00	0.00	0.00	0.01	0.00	17.06	2.00	0.00	0.00	0.01	0.00
17.07	2.00	0.00	0.00	0.01	0.00	17.08	2.00	0.00	0.00	0.01	0.00
17.09	2.00	0.00	0.00	0.01	0.00	17.10	2.00	0.00	0.00	0.01	0.00
17.11	2.00	0.00	0.00	0.01	0.00	17.12	2.00	0.00	0.00	0.01	0.00
17.13	2.00	0.00	0.00	0.01	0.00	17.14	2.00	0.00	0.00	0.01	0.00
17.15	2.00	0.00	0.00	0.01	0.00	17.16	2.00	0.00	0.00	0.01	0.00
17.17	2.00	0.00	0.00	0.01	0.00	17.18	2.00	0.00	0.00	0.01	0.00
17.19	2.00	0.00	0.00	0.01	0.00	17.20	2.00	0.00	0.00	0.01	0.00
17.21	2.00	0.00	0.00	0.01	0.00	17.22	2.00	0.00	0.00	0.01	0.00
17.23	2.00	0.00	0.00	0.01	0.00	17.24	2.00	0.00	0.00	0.01	0.00
17.25	2.00	0.00	0.00	0.01	0.00	17.26	2.00	0.00	0.00	0.01	0.00
17.27	2.00	0.00	0.00	0.01	0.00	17.28	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.29	2.00	0.00	0.00	0.01	0.00	17.30	2.00	0.00	0.00	0.01	0.00
17.31	2.00	0.00	0.00	0.01	0.00	17.32	2.00	0.00	0.00	0.01	0.00
17.33	2.00	0.00	0.00	0.01	0.00	17.34	2.00	0.00	0.00	0.01	0.00
17.35	2.00	0.00	0.00	0.01	0.00	17.36	2.00	0.00	0.00	0.01	0.00
17.37	2.00	0.00	0.00	0.01	0.00	17.38	2.00	0.00	0.00	0.01	0.00
17.39	2.00	0.00	0.00	0.01	0.00	17.40	2.00	0.00	0.00	0.01	0.00
17.41	2.00	0.00	0.00	0.01	0.00	17.42	2.00	0.00	0.00	0.01	0.00
17.43	2.00	0.00	0.00	0.01	0.00	17.44	2.00	0.00	0.00	0.01	0.00
17.45	2.00	0.00	0.00	0.01	0.00	17.46	2.00	0.00	0.00	0.01	0.00
17.47	2.00	0.00	0.00	0.01	0.00	17.48	2.00	0.00	0.00	0.01	0.00
17.49	2.00	0.00	0.00	0.01	0.00	17.50	2.00	0.00	0.00	0.01	0.00
17.51	2.00	0.00	0.00	0.01	0.00	17.52	2.00	0.00	0.00	0.01	0.00
17.53	2.00	0.00	0.00	0.01	0.00	17.54	2.00	0.00	0.00	0.01	0.00
17.55	2.00	0.00	0.00	0.01	0.00	17.56	2.00	0.00	0.00	0.01	0.00
17.57	2.00	0.00	0.00	0.01	0.00	17.58	2.00	0.00	0.00	0.01	0.00
17.59	2.00	0.00	0.00	0.01	0.00	17.60	2.00	0.00	0.00	0.01	0.00
17.61	2.00	0.00	0.00	0.01	0.00	17.62	2.00	0.00	0.00	0.01	0.00
17.63	2.00	0.00	0.00	0.01	0.00	17.64	2.00	0.00	0.00	0.01	0.00
17.65	2.00	0.00	0.00	0.01	0.00	17.66	2.00	0.00	0.00	0.01	0.00
17.67	2.00	0.00	0.00	0.01	0.00	17.68	2.00	0.00	0.00	0.01	0.00
17.69	2.00	0.00	0.00	0.01	0.00	17.70	2.00	0.00	0.00	0.01	0.00
17.71	2.00	0.00	0.00	0.01	0.00	17.72	2.00	0.00	0.00	0.01	0.00
17.73	2.00	0.00	0.00	0.01	0.00	17.74	2.00	0.00	0.00	0.01	0.00
17.75	2.00	0.00	0.00	0.01	0.00	17.76	2.00	0.00	0.00	0.01	0.00
17.77	2.00	0.00	0.00	0.01	0.00	17.78	2.00	0.00	0.00	0.01	0.00
17.79	2.00	0.00	0.00	0.01	0.00	17.80	2.00	0.00	0.00	0.01	0.00
17.81	2.00	0.00	0.00	0.01	0.00	17.82	2.00	0.00	0.00	0.01	0.00
17.83	2.00	0.00	0.00	0.01	0.00	17.84	2.00	0.00	0.00	0.01	0.00
17.85	2.00	0.00	0.00	0.01	0.00	17.86	2.00	0.00	0.00	0.01	0.00
17.87	2.00	0.00	0.00	0.01	0.00	17.88	2.00	0.00	0.00	0.01	0.00
17.89	2.00	0.00	0.00	0.01	0.00	17.90	2.00	0.00	0.00	0.01	0.00
17.91	2.00	0.00	0.00	0.01	0.00	17.92	2.00	0.00	0.00	0.01	0.00
17.93	2.00	0.00	0.00	0.01	0.00	17.94	2.00	0.00	0.00	0.01	0.00
17.95	2.00	0.00	0.00	0.01	0.00	17.96	2.00	0.00	0.00	0.01	0.00
17.97	2.00	0.00	0.00	0.01	0.00	17.98	2.00	0.00	0.00	0.01	0.00
17.99	2.00	0.00	0.00	0.01	0.00	18.00	2.00	0.00	0.00	0.01	0.00
18.01	2.00	0.00	0.00	0.01	0.00	18.02	2.00	0.00	0.00	0.01	0.00
18.03	2.00	0.00	0.00	0.01	0.00	18.04	2.00	0.00	0.00	0.01	0.00
18.05	2.00	0.00	0.00	0.01	0.00	18.06	2.00	0.00	0.00	0.01	0.00
18.07	2.00	0.00	0.00	0.01	0.00	18.08	2.00	0.00	0.00	0.01	0.00
18.09	2.00	0.00	0.00	0.01	0.00	18.10	2.00	0.00	0.00	0.01	0.00
18.11	2.00	0.00	0.00	0.01	0.00	18.12	2.00	0.00	0.00	0.01	0.00
18.13	2.00	0.00	0.00	0.01	0.00	18.14	2.00	0.00	0.00	0.01	0.00
18.15	2.00	0.00	0.00	0.01	0.00	18.16	2.00	0.00	0.00	0.01	0.00
18.17	2.00	0.00	0.00	0.01	0.00	18.18	2.00	0.00	0.00	0.01	0.00
18.19	2.00	0.00	0.00	0.01	0.00	18.20	2.00	0.00	0.00	0.01	0.00
18.21	2.00	0.00	0.00	0.01	0.00	18.22	2.00	0.00	0.00	0.01	0.00
18.23	2.00	0.00	0.00	0.01	0.00	18.24	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
18.25	2.00	0.00	0.00	0.01	0.00	18.26	2.00	0.00	0.00	0.01	0.00
18.27	2.00	0.00	0.00	0.01	0.00	18.28	2.00	0.00	0.00	0.01	0.00
18.29	2.00	0.00	0.00	0.01	0.00	18.30	2.00	0.00	0.00	0.01	0.00
18.31	2.00	0.00	0.00	0.01	0.00	18.32	2.00	0.00	0.00	0.01	0.00
18.33	2.00	0.00	0.00	0.01	0.00	18.34	2.00	0.00	0.00	0.01	0.00
18.35	2.00	0.00	0.00	0.01	0.00	18.36	2.00	0.00	0.00	0.01	0.00
18.37	2.00	0.00	0.00	0.01	0.00	18.38	2.00	0.00	0.00	0.01	0.00
18.39	2.00	0.00	0.00	0.01	0.00	18.40	2.00	0.00	0.00	0.01	0.00
18.41	2.00	0.00	0.00	0.01	0.00	18.42	2.00	0.00	0.00	0.01	0.00
18.43	2.00	0.00	0.00	0.01	0.00	18.44	2.00	0.00	0.00	0.01	0.00
18.45	2.00	0.00	0.00	0.01	0.00	18.46	2.00	0.00	0.00	0.01	0.00
18.47	2.00	0.00	0.00	0.01	0.00	18.48	2.00	0.00	0.00	0.01	0.00
18.49	2.00	0.00	0.00	0.01	0.00	18.50	2.00	0.00	0.00	0.01	0.00
18.51	2.00	0.00	0.00	0.01	0.00	18.52	2.00	0.00	0.00	0.01	0.00
18.53	2.00	0.00	0.00	0.01	0.00	18.54	2.00	0.00	0.00	0.01	0.00
18.55	2.00	0.00	0.00	0.01	0.00	18.56	2.00	0.00	0.00	0.01	0.00
18.57	2.00	0.00	0.00	0.01	0.00	18.58	2.00	0.00	0.00	0.01	0.00
18.59	2.00	0.00	0.00	0.01	0.00	18.60	2.00	0.00	0.00	0.01	0.00

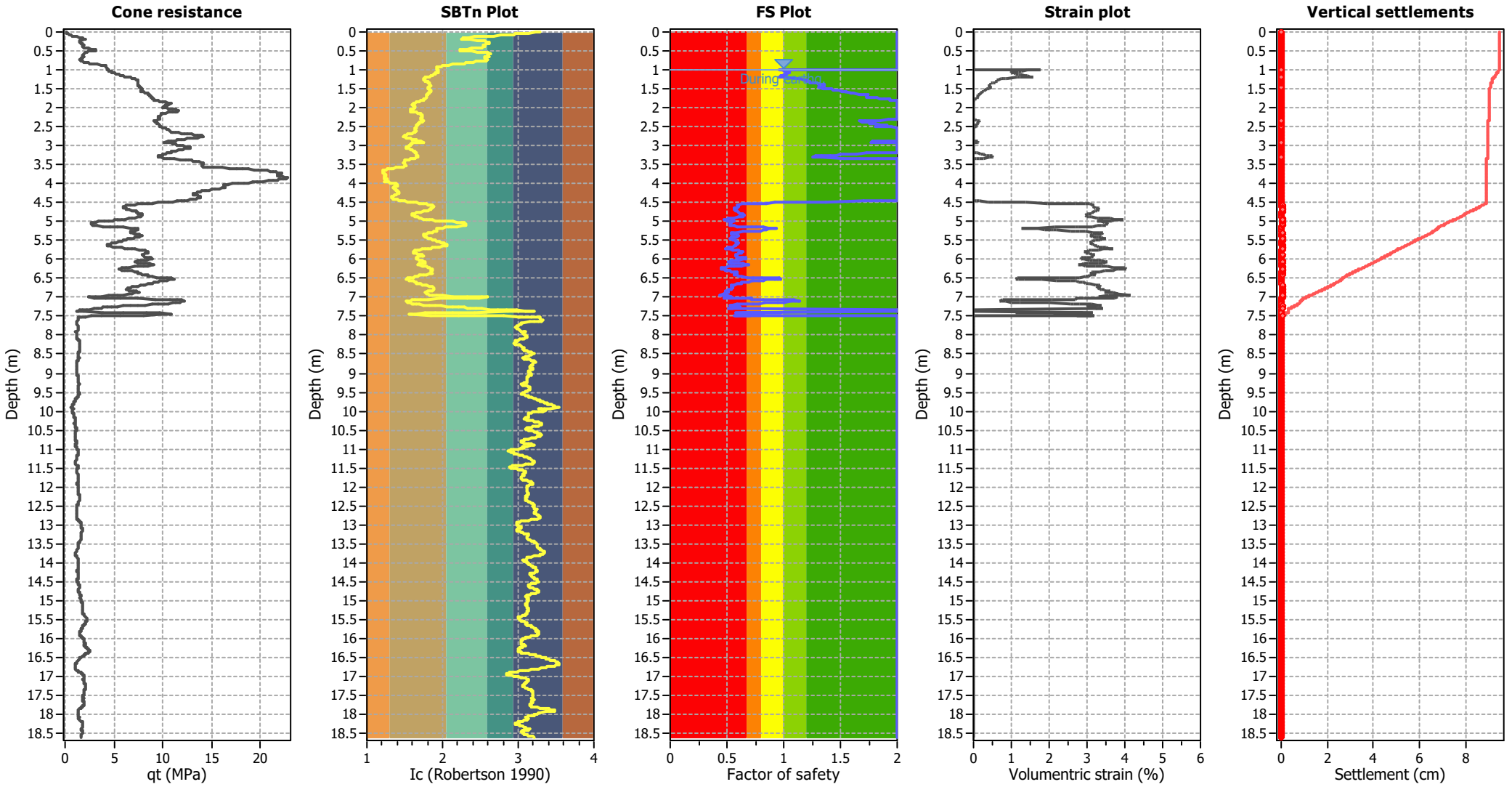
Overall liquefaction potential: 7.94

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	97.31	2.00	0.00	1.00	0.00	1.01	99.87	0.96	1.78	1.00	0.02
1.02	102.84	0.99	1.42	1.00	0.01	1.03	104.68	1.01	1.27	1.00	0.01
1.04	106.07	1.02	1.19	1.00	0.01	1.05	108.52	1.05	1.04	1.00	0.01
1.06	109.30	1.06	1.01	1.00	0.01	1.07	109.54	1.05	1.02	1.00	0.01
1.08	109.51	1.05	1.04	1.00	0.01	1.09	110.37	1.06	1.01	1.00	0.01
1.10	109.71	1.04	1.07	1.00	0.01	1.11	109.14	1.03	1.13	1.00	0.01
1.12	109.65	1.03	1.12	1.00	0.01	1.13	108.81	1.01	1.21	1.00	0.01
1.14	108.70	1.01	1.24	1.00	0.01	1.15	107.68	0.99	1.36	1.00	0.01
1.16	108.81	1.00	1.28	1.00	0.01	1.17	107.63	0.98	1.43	1.00	0.01
1.18	107.35	0.97	1.49	1.00	0.01	1.19	107.06	0.96	1.56	1.00	0.02
1.20	110.37	1.00	1.24	1.00	0.01	1.21	111.93	1.02	1.14	1.00	0.01
1.22	116.16	1.08	0.89	1.00	0.01	1.23	117.13	1.10	0.85	1.00	0.01
1.24	118.64	1.12	0.79	1.00	0.01	1.25	119.97	1.14	0.74	1.00	0.01
1.26	122.15	1.17	0.66	1.00	0.01	1.27	122.65	1.18	0.65	1.00	0.01
1.28	123.50	1.19	0.63	1.00	0.01	1.29	124.36	1.21	0.61	1.00	0.01
1.30	124.59	1.21	0.60	1.00	0.01	1.31	124.99	1.21	0.60	1.00	0.01
1.32	125.80	1.22	0.58	1.00	0.01	1.33	126.05	1.23	0.57	1.00	0.01
1.34	126.49	1.23	0.56	1.00	0.01	1.35	127.60	1.25	0.53	1.00	0.01
1.36	128.58	1.27	0.51	1.00	0.01	1.37	129.58	1.29	0.48	1.00	0.00
1.38	130.49	1.31	0.46	1.00	0.00	1.39	131.30	1.33	0.44	1.00	0.00
1.40	132.48	1.35	0.41	1.00	0.00	1.41	132.31	1.34	0.42	1.00	0.00
1.42	133.07	1.36	0.40	1.00	0.00	1.43	133.03	1.36	0.40	1.00	0.00
1.44	132.56	1.34	0.42	1.00	0.00	1.45	132.38	1.33	0.43	1.00	0.00
1.46	132.15	1.32	0.44	1.00	0.00	1.47	131.79	1.31	0.46	1.00	0.00
1.48	132.19	1.31	0.45	1.00	0.00	1.49	133.61	1.35	0.41	1.00	0.00
1.50	134.70	1.37	0.38	1.00	0.00	1.51	136.08	1.41	0.35	1.00	0.00
1.52	136.53	1.42	0.34	1.00	0.00	1.53	137.15	1.44	0.33	1.00	0.00
1.54	137.56	1.45	0.32	1.00	0.00	1.55	137.97	1.46	0.31	1.00	0.00
1.56	139.14	1.49	0.28	1.00	0.00	1.57	139.98	1.52	0.26	1.00	0.00
1.58	140.87	1.54	0.24	1.00	0.00	1.59	141.12	1.55	0.24	1.00	0.00
1.60	140.81	1.53	0.25	1.00	0.00	1.61	142.73	1.60	0.20	1.00	0.00
1.62	142.71	1.60	0.20	1.00	0.00	1.63	143.44	1.62	0.19	1.00	0.00
1.64	144.79	1.67	0.16	1.00	0.00	1.65	145.19	1.68	0.15	1.00	0.00
1.66	145.80	1.71	0.14	1.00	0.00	1.67	146.59	1.74	0.12	1.00	0.00
1.68	146.46	1.73	0.13	1.00	0.00	1.69	146.55	1.73	0.13	1.00	0.00
1.70	146.73	1.73	0.12	1.00	0.00	1.71	146.70	1.73	0.13	1.00	0.00
1.72	146.92	1.73	0.12	1.00	0.00	1.73	147.52	1.76	0.11	1.00	0.00
1.74	147.80	1.77	0.11	1.00	0.00	1.75	148.98	1.82	0.08	1.00	0.00
1.76	149.61	1.85	0.07	1.00	0.00	1.77	150.36	1.88	0.05	1.00	0.00
1.78	151.34	1.93	0.03	1.00	0.00	1.79	151.50	1.93	0.03	1.00	0.00
1.80	151.67	1.94	0.02	1.00	0.00	1.81	153.18	2.00	0.00	1.00	0.00
1.82	154.86	2.00	0.00	1.00	0.00	1.83	156.87	2.00	0.00	1.00	0.00
1.84	163.08	2.00	0.00	1.00	0.00	1.85	166.43	2.00	0.00	1.00	0.00
1.86	172.91	2.00	0.00	1.00	0.00	1.87	175.31	2.00	0.00	1.00	0.00
1.88	177.07	2.00	0.00	1.00	0.00	1.89	178.95	2.00	0.00	1.00	0.00
1.90	178.79	2.00	0.00	1.00	0.00	1.91	178.64	2.00	0.00	1.00	0.00
1.92	162.74	2.00	0.00	1.00	0.00	1.93	171.99	2.00	0.00	1.00	0.00
1.94	171.84	2.00	0.00	1.00	0.00	1.95	171.31	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	169.50	2.00	0.00	1.00	0.00	1.97	168.84	2.00	0.00	1.00	0.00
1.98	166.77	2.00	0.00	1.00	0.00	1.99	166.11	2.00	0.00	1.00	0.00
2.00	165.58	2.00	0.00	1.00	0.00	2.01	167.88	2.00	0.00	1.00	0.00
2.02	169.27	2.00	0.00	1.00	0.00	2.03	172.36	2.00	0.00	1.00	0.00
2.04	174.67	2.00	0.00	1.00	0.00	2.05	176.62	2.00	0.00	1.00	0.00
2.06	180.42	2.00	0.00	1.00	0.00	2.07	181.53	2.00	0.00	1.00	0.00
2.08	182.28	2.00	0.00	1.00	0.00	2.09	182.46	2.00	0.00	1.00	0.00
2.10	181.72	2.00	0.00	1.00	0.00	2.11	179.70	2.00	0.00	1.00	0.00
2.12	173.69	2.00	0.00	1.00	0.00	2.13	170.45	2.00	0.00	1.00	0.00
2.14	166.24	2.00	0.00	1.00	0.00	2.15	164.57	2.00	0.00	1.00	0.00
2.16	163.02	2.00	0.00	1.00	0.00	2.17	161.34	2.00	0.00	1.00	0.00
2.18	160.56	2.00	0.00	1.00	0.00	2.19	160.16	2.00	0.00	1.00	0.00
2.20	159.76	2.00	0.00	1.00	0.00	2.21	159.62	2.00	0.00	1.00	0.00
2.22	159.35	2.00	0.00	1.00	0.00	2.23	157.80	2.00	0.00	1.00	0.00
2.24	156.76	2.00	0.00	1.00	0.00	2.25	156.23	2.00	0.00	1.00	0.00
2.26	155.45	2.00	0.00	1.00	0.00	2.27	155.31	2.00	0.00	1.00	0.00
2.28	155.69	2.00	0.00	1.00	0.00	2.29	157.09	2.00	0.00	1.00	0.00
2.30	156.30	2.00	0.00	1.00	0.00	2.31	155.78	2.00	0.00	1.00	0.00
2.32	154.11	1.92	0.03	1.00	0.00	2.33	152.82	1.85	0.07	1.00	0.00
2.34	150.36	1.72	0.13	1.00	0.00	2.35	149.45	1.68	0.15	1.00	0.00
2.36	149.32	1.67	0.16	1.00	0.00	2.37	149.83	1.69	0.15	1.00	0.00
2.38	151.37	1.76	0.11	1.00	0.00	2.39	151.77	1.78	0.10	1.00	0.00
2.40	151.87	1.78	0.10	1.00	0.00	2.41	151.85	1.78	0.10	1.00	0.00
2.42	151.46	1.76	0.11	1.00	0.00	2.43	151.80	1.77	0.10	1.00	0.00
2.44	152.64	1.81	0.08	1.00	0.00	2.45	153.59	1.86	0.06	1.00	0.00
2.46	154.42	1.91	0.04	1.00	0.00	2.47	154.04	1.88	0.05	1.00	0.00
2.48	153.41	1.85	0.07	1.00	0.00	2.49	152.78	1.81	0.08	1.00	0.00
2.50	152.76	1.81	0.08	1.00	0.00	2.51	154.44	1.90	0.04	1.00	0.00
2.52	155.39	1.95	0.02	1.00	0.00	2.53	156.45	2.00	0.00	1.00	0.00
2.54	158.83	2.00	0.00	1.00	0.00	2.55	159.76	2.00	0.00	1.00	0.00
2.56	161.52	2.00	0.00	1.00	0.00	2.57	162.21	2.00	0.00	1.00	0.00
2.58	162.90	2.00	0.00	1.00	0.00	2.59	163.94	2.00	0.00	1.00	0.00
2.60	163.79	2.00	0.00	1.00	0.00	2.61	163.65	2.00	0.00	1.00	0.00
2.62	163.51	2.00	0.00	1.00	0.00	2.63	163.72	2.00	0.00	1.00	0.00
2.64	164.52	2.00	0.00	1.00	0.00	2.65	167.19	2.00	0.00	1.00	0.00
2.66	169.14	2.00	0.00	1.00	0.00	2.67	174.48	2.00	0.00	1.00	0.00
2.68	177.13	2.00	0.00	1.00	0.00	2.69	179.76	2.00	0.00	1.00	0.00
2.70	185.35	2.00	0.00	1.00	0.00	2.71	188.05	2.00	0.00	1.00	0.00
2.72	193.66	2.00	0.00	1.00	0.00	2.73	196.09	2.00	0.00	1.00	0.00
2.74	198.06	2.00	0.00	1.00	0.00	2.75	201.58	2.00	0.00	1.00	0.00
2.76	202.42	2.00	0.00	1.00	0.00	2.77	200.84	2.00	0.00	1.00	0.00
2.78	198.70	2.00	0.00	1.00	0.00	2.79	195.89	2.00	0.00	1.00	0.00
2.80	189.47	2.00	0.00	1.00	0.00	2.81	186.39	2.00	0.00	1.00	0.00
2.82	181.13	2.00	0.00	1.00	0.00	2.83	179.04	2.00	0.00	1.00	0.00
2.84	176.48	2.00	0.00	1.00	0.00	2.85	171.94	2.00	0.00	1.00	0.00
2.86	170.29	2.00	0.00	1.00	0.00	2.87	167.35	2.00	0.00	1.00	0.00
2.88	166.98	2.00	0.00	1.00	0.00	2.89	167.31	2.00	0.00	1.00	0.00
2.90	153.40	1.78	0.10	1.00	0.00	2.91	153.27	1.77	0.10	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	153.14	1.76	0.11	1.00	0.00	2.93	161.12	2.00	0.00	1.00	0.00
2.94	162.42	2.00	0.00	1.00	0.00	2.95	163.23	2.00	0.00	1.00	0.00
2.96	163.92	2.00	0.00	1.00	0.00	2.97	164.73	2.00	0.00	1.00	0.00
2.98	166.71	2.00	0.00	1.00	0.00	2.99	167.97	2.00	0.00	1.00	0.00
3.00	171.09	2.00	0.00	1.00	0.00	3.01	176.36	2.00	0.00	1.00	0.00
3.02	178.17	2.00	0.00	1.00	0.00	3.03	179.74	2.00	0.00	1.00	0.00
3.04	182.56	2.00	0.00	1.00	0.00	3.05	183.44	2.00	0.00	1.00	0.00
3.06	184.21	2.00	0.00	1.00	0.00	3.07	181.71	2.00	0.00	1.00	0.00
3.08	179.20	2.00	0.00	1.00	0.00	3.09	176.56	2.00	0.00	1.00	0.00
3.10	172.66	2.00	0.00	1.00	0.00	3.11	171.50	2.00	0.00	1.00	0.00
3.12	170.68	2.00	0.00	1.00	0.00	3.13	167.44	2.00	0.00	1.00	0.00
3.14	164.65	2.00	0.00	1.00	0.00	3.15	161.76	2.00	0.00	1.00	0.00
3.16	159.91	2.00	0.00	1.00	0.00	3.17	158.28	2.00	0.00	1.00	0.00
3.18	158.51	2.00	0.00	1.00	0.00	3.19	158.04	2.00	0.00	1.00	0.00
3.20	155.36	1.85	0.06	1.00	0.00	3.21	153.14	1.73	0.12	1.00	0.00
3.22	151.27	1.64	0.18	1.00	0.00	3.23	148.67	1.53	0.25	1.00	0.00
3.24	147.85	1.49	0.28	1.00	0.00	3.25	146.91	1.46	0.31	1.00	0.00
3.26	145.73	1.41	0.35	1.00	0.00	3.27	143.35	1.33	0.43	1.00	0.00
3.28	141.92	1.28	0.48	1.00	0.00	3.29	141.10	1.26	0.51	1.00	0.01
3.30	140.99	1.26	0.52	1.00	0.01	3.31	141.95	1.28	0.48	1.00	0.00
3.32	143.51	1.33	0.43	1.00	0.00	3.33	148.84	1.53	0.25	1.00	0.00
3.34	152.02	1.67	0.16	1.00	0.00	3.35	155.40	1.84	0.07	1.00	0.00
3.36	158.98	2.00	0.00	1.00	0.00	3.37	167.88	2.00	0.00	1.00	0.00
3.38	172.83	2.00	0.00	1.00	0.00	3.39	178.90	2.00	0.00	1.00	0.00
3.40	180.46	2.00	0.00	1.00	0.00	3.41	180.89	2.00	0.00	1.00	0.00
3.42	183.11	2.00	0.00	1.00	0.00	3.43	185.32	2.00	0.00	1.00	0.00
3.44	187.96	2.00	0.00	1.00	0.00	3.45	190.25	2.00	0.00	1.00	0.00
3.46	193.52	2.00	0.00	1.00	0.00	3.47	193.61	2.00	0.00	1.00	0.00
3.48	192.40	2.00	0.00	1.00	0.00	3.49	191.73	2.00	0.00	1.00	0.00
3.50	191.49	2.00	0.00	1.00	0.00	3.51	191.15	2.00	0.00	1.00	0.00
3.52	190.04	2.00	0.00	1.00	0.00	3.53	189.26	2.00	0.00	1.00	0.00
3.54	189.35	2.00	0.00	1.00	0.00	3.55	190.00	2.00	0.00	1.00	0.00
3.56	191.52	2.00	0.00	1.00	0.00	3.57	194.66	2.00	0.00	1.00	0.00
3.58	204.78	2.00	0.00	1.00	0.00	3.59	210.51	2.00	0.00	1.00	0.00
3.60	221.81	2.00	0.00	1.00	0.00	3.61	226.54	2.00	0.00	1.00	0.00
3.62	231.54	2.00	0.00	1.00	0.00	3.63	241.26	2.00	0.00	1.00	0.00
3.64	244.84	2.00	0.00	1.00	0.00	3.65	248.09	2.00	0.00	1.00	0.00
3.66	254.02	2.00	0.00	1.00	0.00	3.67	258.38	2.00	0.00	1.00	0.00
3.68	264.75	2.00	0.00	1.00	0.00	3.69	267.36	2.00	0.00	1.00	0.00
3.70	268.70	2.00	0.00	1.00	0.00	3.71	272.80	2.00	0.00	1.00	0.00
3.72	274.39	2.00	0.00	1.00	0.00	3.73	276.73	2.00	0.00	1.00	0.00
3.74	276.57	2.00	0.00	1.00	0.00	3.75	276.78	2.00	0.00	1.00	0.00
3.76	272.88	2.00	0.00	1.00	0.00	3.77	271.22	2.00	0.00	1.00	0.00
3.78	269.69	2.00	0.00	1.00	0.00	3.79	271.03	2.00	0.00	1.00	0.00
3.80	271.99	2.00	0.00	1.00	0.00	3.81	274.94	2.00	0.00	1.00	0.00
3.82	276.40	2.00	0.00	1.00	0.00	3.83	278.10	2.00	0.00	1.00	0.00
3.84	282.29	2.00	0.00	1.00	0.00	3.85	283.37	2.00	0.00	1.00	0.00
3.86	282.83	2.00	0.00	1.00	0.00	3.87	281.18	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	278.29	2.00	0.00	1.00	0.00	3.89	273.18	2.00	0.00	1.00	0.00
3.90	269.68	2.00	0.00	1.00	0.00	3.91	269.53	2.00	0.00	1.00	0.00
3.92	269.37	2.00	0.00	1.00	0.00	3.93	252.20	2.00	0.00	1.00	0.00
3.94	250.87	2.00	0.00	1.00	0.00	3.95	248.69	2.00	0.00	1.00	0.00
3.96	245.55	2.00	0.00	1.00	0.00	3.97	239.41	2.00	0.00	1.00	0.00
3.98	236.02	2.00	0.00	1.00	0.00	3.99	229.21	2.00	0.00	1.00	0.00
4.00	225.67	2.00	0.00	1.00	0.00	4.01	216.36	2.00	0.00	1.00	0.00
4.02	213.42	2.00	0.00	1.00	0.00	4.03	211.11	2.00	0.00	1.00	0.00
4.04	208.69	2.00	0.00	1.00	0.00	4.05	208.05	2.00	0.00	1.00	0.00
4.06	207.83	2.00	0.00	1.00	0.00	4.07	207.40	2.00	0.00	1.00	0.00
4.08	208.24	2.00	0.00	1.00	0.00	4.09	209.07	2.00	0.00	1.00	0.00
4.10	210.12	2.00	0.00	1.00	0.00	4.11	210.12	2.00	0.00	1.00	0.00
4.12	209.17	2.00	0.00	1.00	0.00	4.13	205.28	2.00	0.00	1.00	0.00
4.14	201.65	2.00	0.00	1.00	0.00	4.15	198.60	2.00	0.00	1.00	0.00
4.16	193.19	2.00	0.00	1.00	0.00	4.17	190.64	2.00	0.00	1.00	0.00
4.18	188.72	2.00	0.00	1.00	0.00	4.19	184.87	2.00	0.00	1.00	0.00
4.20	182.94	2.00	0.00	1.00	0.00	4.21	181.11	2.00	0.00	1.00	0.00
4.22	180.15	2.00	0.00	1.00	0.00	4.23	179.51	2.00	0.00	1.00	0.00
4.24	177.46	2.00	0.00	1.00	0.00	4.25	175.19	2.00	0.00	1.00	0.00
4.26	172.91	2.00	0.00	1.00	0.00	4.27	171.94	2.00	0.00	1.00	0.00
4.28	171.85	2.00	0.00	1.00	0.00	4.29	172.85	2.00	0.00	1.00	0.00
4.30	173.41	2.00	0.00	1.00	0.00	4.31	174.08	2.00	0.00	1.00	0.00
4.32	176.38	2.00	0.00	1.00	0.00	4.33	177.38	2.00	0.00	1.00	0.00
4.34	178.69	2.00	0.00	1.00	0.00	4.35	180.44	2.00	0.00	1.00	0.00
4.36	180.78	2.00	0.00	1.00	0.00	4.37	179.61	2.00	0.00	1.00	0.00
4.38	178.22	2.00	0.00	1.00	0.00	4.39	176.51	2.00	0.00	1.00	0.00
4.40	173.49	2.00	0.00	1.00	0.00	4.41	172.53	2.00	0.00	1.00	0.00
4.42	169.16	2.00	0.00	1.00	0.00	4.43	166.77	2.00	0.00	1.00	0.00
4.44	164.37	2.00	0.00	1.00	0.00	4.45	159.42	2.00	0.00	1.00	0.00
4.46	157.11	1.86	0.06	1.00	0.00	4.47	154.23	1.71	0.14	1.00	0.00
4.48	146.27	1.37	0.39	1.00	0.00	4.49	141.76	1.23	0.56	1.00	0.01
4.50	137.56	1.11	0.75	1.00	0.01	4.51	128.48	0.92	1.38	1.00	0.01
4.52	123.96	0.85	1.98	1.00	0.02	4.53	118.11	0.77	2.70	1.00	0.03
4.54	108.54	0.66	2.95	1.00	0.03	4.55	104.65	0.63	3.07	1.00	0.03
4.56	102.06	0.61	3.15	1.00	0.03	4.57	102.08	0.61	3.15	1.00	0.03
4.58	100.40	0.59	3.20	1.00	0.03	4.59	101.76	0.60	3.16	1.00	0.03
4.60	102.33	0.61	3.14	1.00	0.03	4.61	101.69	0.60	3.16	1.00	0.03
4.62	101.36	0.60	3.17	1.00	0.03	4.63	99.22	0.58	3.24	1.00	0.03
4.64	98.47	0.58	3.26	1.00	0.03	4.65	97.18	0.57	3.31	1.00	0.03
4.66	96.97	0.57	3.32	1.00	0.03	4.67	96.99	0.57	3.31	1.00	0.03
4.68	97.11	0.57	3.31	1.00	0.03	4.69	97.36	0.57	3.30	1.00	0.03
4.70	96.69	0.56	3.32	1.00	0.03	4.71	98.70	0.58	3.26	1.00	0.03
4.72	99.30	0.58	3.24	1.00	0.03	4.73	100.11	0.59	3.21	1.00	0.03
4.74	101.18	0.60	3.17	1.00	0.03	4.75	101.46	0.60	3.17	1.00	0.03
4.76	101.52	0.60	3.16	1.00	0.03	4.77	101.92	0.60	3.15	1.00	0.03
4.78	102.44	0.60	3.13	1.00	0.03	4.79	103.44	0.61	3.10	1.00	0.03
4.80	105.30	0.63	3.05	1.00	0.03	4.81	106.19	0.63	3.02	1.00	0.03
4.82	107.44	0.64	2.98	1.00	0.03	4.83	108.57	0.65	2.95	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	108.38	0.65	2.96	1.00	0.03	4.85	107.60	0.65	2.98	1.00	0.03
4.86	106.57	0.64	3.01	1.00	0.03	4.87	105.55	0.63	3.04	1.00	0.03
4.88	104.40	0.62	3.07	1.00	0.03	4.89	102.44	0.60	3.13	1.00	0.03
4.90	97.80	0.57	3.29	1.00	0.03	4.91	97.73	0.57	3.29	1.00	0.03
4.92	97.67	0.57	3.29	1.00	0.03	4.93	88.66	0.51	3.63	1.00	0.04
4.94	86.13	0.50	3.73	1.00	0.04	4.95	80.67	0.47	3.98	1.00	0.04
4.96	82.55	0.48	3.89	1.00	0.04	4.97	86.24	0.50	3.73	1.00	0.04
4.98	87.55	0.50	3.67	1.00	0.04	4.99	98.17	0.57	3.27	1.00	0.03
5.00	93.83	0.54	3.43	1.00	0.03	5.01	95.04	0.55	3.38	1.00	0.03
5.02	92.78	0.53	3.47	1.00	0.03	5.03	92.43	0.53	3.48	1.00	0.03
5.04	91.64	0.53	3.51	1.00	0.04	5.05	91.03	0.52	3.53	1.00	0.04
5.06	90.63	0.52	3.55	1.00	0.04	5.07	91.11	0.52	3.53	1.00	0.04
5.08	91.48	0.52	3.52	1.00	0.04	5.09	92.19	0.53	3.49	1.00	0.03
5.10	93.74	0.54	3.43	1.00	0.03	5.11	94.74	0.54	3.39	1.00	0.03
5.12	98.07	0.57	3.28	1.00	0.03	5.13	101.97	0.59	3.15	1.00	0.03
5.14	115.04	0.71	2.78	1.00	0.03	5.15	119.22	0.76	2.67	1.00	0.03
5.16	123.99	0.83	2.17	1.00	0.02	5.17	127.20	0.88	1.65	1.00	0.02
5.18	130.75	0.94	1.27	1.00	0.01	5.19	127.89	0.89	1.57	1.00	0.02
5.20	126.96	0.87	1.69	1.00	0.02	5.21	125.69	0.85	1.88	1.00	0.02
5.22	124.52	0.83	2.08	1.00	0.02	5.23	124.28	0.83	2.13	1.00	0.02
5.24	124.05	0.83	2.18	1.00	0.02	5.25	122.36	0.80	2.58	1.00	0.03
5.26	117.91	0.74	2.71	1.00	0.03	5.27	113.55	0.69	2.82	1.00	0.03
5.28	108.55	0.64	2.95	1.00	0.03	5.29	101.38	0.59	3.17	1.00	0.03
5.30	96.48	0.55	3.33	1.00	0.03	5.31	94.42	0.54	3.41	1.00	0.03
5.32	94.94	0.54	3.39	1.00	0.03	5.33	98.80	0.57	3.25	1.00	0.03
5.34	100.53	0.58	3.20	1.00	0.03	5.35	101.96	0.59	3.15	1.00	0.03
5.36	103.04	0.60	3.12	1.00	0.03	5.37	104.00	0.60	3.09	1.00	0.03
5.38	103.81	0.60	3.09	1.00	0.03	5.39	102.85	0.60	3.12	1.00	0.03
5.40	101.42	0.58	3.17	1.00	0.03	5.41	98.63	0.56	3.26	1.00	0.03
5.42	97.02	0.55	3.31	1.00	0.03	5.43	94.99	0.54	3.39	1.00	0.03
5.44	93.84	0.53	3.43	1.00	0.03	5.45	93.60	0.53	3.44	1.00	0.03
5.46	92.29	0.52	3.48	1.00	0.03	5.47	94.19	0.54	3.41	1.00	0.03
5.48	96.04	0.55	3.35	1.00	0.03	5.49	97.23	0.55	3.31	1.00	0.03
5.50	99.16	0.57	3.24	1.00	0.03	5.51	100.24	0.57	3.21	1.00	0.03
5.52	101.37	0.58	3.17	1.00	0.03	5.53	103.16	0.60	3.11	1.00	0.03
5.54	102.93	0.59	3.12	1.00	0.03	5.55	104.20	0.60	3.08	1.00	0.03
5.56	104.40	0.61	3.07	1.00	0.03	5.57	104.35	0.60	3.08	1.00	0.03
5.58	104.08	0.60	3.08	1.00	0.03	5.59	102.38	0.59	3.14	1.00	0.03
5.60	102.26	0.59	3.14	1.00	0.03	5.61	101.97	0.59	3.15	1.00	0.03
5.62	101.19	0.58	3.17	1.00	0.03	5.63	100.62	0.58	3.19	1.00	0.03
5.64	99.84	0.57	3.22	1.00	0.03	5.65	99.38	0.57	3.23	1.00	0.03
5.66	98.68	0.56	3.26	1.00	0.03	5.67	96.67	0.55	3.33	1.00	0.03
5.68	97.32	0.55	3.30	1.00	0.03	5.69	94.07	0.53	3.42	1.00	0.03
5.70	91.56	0.52	3.51	1.00	0.04	5.71	89.44	0.50	3.60	1.00	0.04
5.72	86.65	0.49	3.71	1.00	0.04	5.73	90.49	0.51	3.55	1.00	0.04
5.74	93.59	0.53	3.44	1.00	0.03	5.75	97.07	0.55	3.31	1.00	0.03
5.76	103.05	0.59	3.12	1.00	0.03	5.77	105.02	0.61	3.06	1.00	0.03
5.78	106.45	0.62	3.01	1.00	0.03	5.79	107.65	0.63	2.98	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	108.97	0.64	2.94	1.00	0.03	5.81	108.33	0.63	2.96	1.00	0.03
5.82	107.70	0.63	2.98	1.00	0.03	5.83	106.95	0.62	3.00	1.00	0.03
5.84	105.97	0.61	3.03	1.00	0.03	5.85	104.42	0.60	3.07	1.00	0.03
5.86	103.15	0.59	3.11	1.00	0.03	5.87	101.95	0.58	3.15	1.00	0.03
5.88	100.54	0.57	3.20	1.00	0.03	5.89	100.70	0.57	3.19	1.00	0.03
5.90	102.56	0.59	3.13	1.00	0.03	5.91	102.50	0.59	3.13	1.00	0.03
5.92	102.44	0.58	3.13	1.00	0.03	5.93	101.36	0.58	3.17	1.00	0.03
5.94	103.29	0.59	3.11	1.00	0.03	5.95	107.34	0.62	2.99	1.00	0.03
5.96	109.21	0.64	2.93	1.00	0.03	5.97	112.54	0.67	2.84	1.00	0.03
5.98	112.71	0.67	2.84	1.00	0.03	5.99	111.85	0.66	2.86	1.00	0.03
6.00	110.09	0.65	2.91	1.00	0.03	6.01	104.57	0.60	3.07	1.00	0.03
6.02	102.29	0.58	3.14	1.00	0.03	6.03	97.60	0.55	3.29	1.00	0.03
6.04	94.99	0.53	3.39	1.00	0.03	6.05	93.08	0.52	3.45	1.00	0.03
6.06	91.75	0.51	3.50	1.00	0.04	6.07	91.36	0.51	3.52	1.00	0.04
6.08	92.35	0.52	3.48	1.00	0.03	6.09	94.25	0.53	3.41	1.00	0.03
6.10	97.09	0.55	3.31	1.00	0.03	6.11	104.99	0.60	3.06	1.00	0.03
6.12	109.00	0.64	2.94	1.00	0.03	6.13	112.09	0.66	2.85	1.00	0.03
6.14	114.72	0.69	2.79	1.00	0.03	6.15	113.30	0.68	2.82	1.00	0.03
6.16	111.67	0.66	2.87	1.00	0.03	6.17	108.45	0.63	2.95	1.00	0.03
6.18	99.66	0.56	3.22	1.00	0.03	6.19	95.06	0.53	3.38	1.00	0.03
6.20	90.63	0.51	3.55	1.00	0.04	6.21	87.25	0.49	3.68	1.00	0.04
6.22	80.93	0.46	3.96	1.00	0.04	6.23	79.99	0.45	4.01	1.00	0.04
6.24	79.78	0.45	4.02	1.00	0.04	6.25	80.93	0.46	3.96	1.00	0.04
6.26	83.11	0.47	3.86	1.00	0.04	6.27	85.24	0.48	3.77	1.00	0.04
6.28	86.96	0.49	3.70	1.00	0.04	6.29	87.40	0.49	3.68	1.00	0.04
6.30	91.44	0.51	3.52	1.00	0.04	6.31	93.05	0.52	3.46	1.00	0.03
6.32	95.91	0.54	3.35	1.00	0.03	6.33	100.47	0.57	3.20	1.00	0.03
6.34	102.20	0.58	3.14	1.00	0.03	6.35	103.19	0.59	3.11	1.00	0.03
6.36	103.34	0.59	3.11	1.00	0.03	6.37	104.50	0.60	3.07	1.00	0.03
6.38	103.86	0.59	3.09	1.00	0.03	6.39	100.42	0.57	3.20	1.00	0.03
6.40	99.82	0.56	3.22	1.00	0.03	6.41	100.79	0.57	3.19	1.00	0.03
6.42	102.18	0.58	3.14	1.00	0.03	6.43	104.29	0.59	3.08	1.00	0.03
6.44	105.58	0.60	3.04	1.00	0.03	6.45	106.19	0.61	3.02	1.00	0.03
6.46	108.03	0.62	2.97	1.00	0.03	6.47	114.42	0.68	2.79	1.00	0.03
6.48	119.00	0.74	2.68	1.00	0.03	6.49	124.75	0.81	2.28	1.00	0.02
6.50	133.30	0.96	1.16	1.00	0.01	6.51	134.10	0.98	1.10	1.00	0.01
6.52	132.84	0.95	1.20	1.00	0.01	6.53	131.36	0.92	1.34	1.00	0.01
6.54	127.27	0.85	1.83	1.00	0.02	6.55	125.13	0.82	2.20	1.00	0.02
6.56	122.88	0.79	2.59	1.00	0.03	6.57	118.87	0.73	2.68	1.00	0.03
6.58	117.16	0.71	2.72	1.00	0.03	6.59	115.78	0.70	2.76	1.00	0.03
6.60	111.63	0.66	2.87	1.00	0.03	6.61	110.24	0.64	2.90	1.00	0.03
6.62	109.19	0.63	2.93	1.00	0.03	6.63	108.58	0.63	2.95	1.00	0.03
6.64	106.85	0.61	3.00	1.00	0.03	6.65	105.46	0.60	3.04	1.00	0.03
6.66	103.84	0.59	3.09	1.00	0.03	6.67	99.76	0.56	3.22	1.00	0.03
6.68	97.54	0.54	3.30	1.00	0.03	6.69	95.85	0.53	3.35	1.00	0.03
6.70	96.45	0.54	3.33	1.00	0.03	6.71	96.20	0.54	3.34	1.00	0.03
6.72	98.45	0.55	3.26	1.00	0.03	6.73	98.60	0.55	3.26	1.00	0.03
6.74	98.52	0.55	3.26	1.00	0.03	6.75	96.84	0.54	3.32	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	96.77	0.54	3.32	1.00	0.03	6.77	96.92	0.54	3.32	1.00	0.03
6.78	96.10	0.53	3.35	1.00	0.03	6.79	95.93	0.53	3.35	1.00	0.03
6.80	95.25	0.53	3.38	1.00	0.03	6.81	93.29	0.52	3.45	1.00	0.03
6.82	92.74	0.51	3.47	1.00	0.03	6.83	90.43	0.50	3.56	1.00	0.04
6.84	89.65	0.50	3.59	1.00	0.04	6.85	88.83	0.49	3.62	1.00	0.04
6.86	92.38	0.51	3.48	1.00	0.03	6.87	92.87	0.52	3.46	1.00	0.03
6.88	91.06	0.50	3.53	1.00	0.04	6.89	86.73	0.48	3.71	1.00	0.04
6.90	84.04	0.47	3.82	1.00	0.04	6.91	84.62	0.47	3.80	1.00	0.04
6.92	85.08	0.47	3.78	1.00	0.04	6.93	77.32	0.44	4.14	1.00	0.04
6.94	78.29	0.44	4.09	1.00	0.04	6.95	84.75	0.47	3.79	1.00	0.04
6.96	89.87	0.50	3.58	1.00	0.04	6.97	96.78	0.54	3.32	1.00	0.03
6.98	88.74	0.49	3.62	1.00	0.04	6.99	86.84	0.48	3.70	1.00	0.04
7.00	84.24	0.47	3.81	1.00	0.04	7.01	86.12	0.48	3.73	1.00	0.04
7.02	109.28	0.63	2.93	1.00	0.03	7.03	118.14	0.72	2.70	1.00	0.03
7.04	116.95	0.71	2.73	1.00	0.03	7.05	117.92	0.72	2.71	1.00	0.03
7.06	126.05	0.83	2.07	1.00	0.02	7.07	132.95	0.95	1.22	1.00	0.01
7.08	139.49	1.09	0.78	1.00	0.01	7.09	141.01	1.13	0.70	1.00	0.01
7.10	141.26	1.14	0.69	1.00	0.01	7.11	140.14	1.11	0.75	1.00	0.01
7.12	138.16	1.06	0.86	1.00	0.01	7.13	135.86	1.01	1.00	1.00	0.01
7.14	133.03	0.95	1.21	1.00	0.01	7.15	126.55	0.83	1.99	1.00	0.02
7.16	123.06	0.78	2.58	1.00	0.03	7.17	119.34	0.73	2.67	1.00	0.03
7.18	114.42	0.68	2.79	1.00	0.03	7.19	103.59	0.58	3.10	1.00	0.03
7.20	97.63	0.54	3.29	1.00	0.03	7.21	95.33	0.53	3.37	1.00	0.03
7.22	97.10	0.54	3.31	1.00	0.03	7.23	105.56	0.60	3.04	1.00	0.03
7.24	106.56	0.61	3.01	1.00	0.03	7.25	107.17	0.61	2.99	1.00	0.03
7.26	101.08	0.57	3.18	1.00	0.03	7.27	100.60	0.56	3.19	1.00	0.03
7.28	99.46	0.55	3.23	1.00	0.03	7.29	99.42	0.55	3.23	1.00	0.03
7.30	96.61	0.54	3.33	1.00	0.03	7.31	93.49	0.52	3.44	1.00	0.03
7.32	29.79	2.00	0.00	1.00	0.00	7.33	25.94	2.00	0.00	1.00	0.00
7.34	20.56	2.00	0.00	1.00	0.00	7.35	18.31	2.00	0.00	1.00	0.00
7.36	15.37	2.00	0.00	1.00	0.00	7.37	13.35	2.00	0.00	1.00	0.00
7.38	11.81	2.00	0.00	1.00	0.00	7.39	101.88	0.57	3.15	1.00	0.03
7.40	134.40	0.97	1.11	1.00	0.01	7.41	111.14	0.65	2.88	1.00	0.03
7.42	122.22	0.77	2.60	1.00	0.03	7.43	124.92	0.81	2.33	1.00	0.02
7.44	125.92	0.82	2.12	1.00	0.02	7.45	120.00	0.74	2.66	1.00	0.03
7.46	121.97	0.77	2.61	1.00	0.03	7.47	102.46	0.58	3.13	1.00	0.03
7.48	117.45	0.71	2.72	1.00	0.03	7.49	100.57	0.56	3.19	1.00	0.03
7.50	28.96	2.00	0.00	1.00	0.00	7.51	22.05	2.00	0.00	1.00	0.00
7.52	15.09	2.00	0.00	1.00	0.00	7.53	14.26	2.00	0.00	1.00	0.00
7.54	13.78	2.00	0.00	1.00	0.00	7.55	13.54	2.00	0.00	1.00	0.00
7.56	13.64	2.00	0.00	1.00	0.00	7.57	13.87	2.00	0.00	1.00	0.00
7.58	13.63	2.00	0.00	1.00	0.00	7.59	13.50	2.00	0.00	1.00	0.00
7.60	13.37	2.00	0.00	1.00	0.00	7.61	13.48	2.00	0.00	1.00	0.00
7.62	11.96	2.00	0.00	1.00	0.00	7.63	12.18	2.00	0.00	1.00	0.00
7.64	11.94	2.00	0.00	1.00	0.00	7.65	11.23	2.00	0.00	1.00	0.00
7.66	11.58	2.00	0.00	1.00	0.00	7.67	11.80	2.00	0.00	1.00	0.00
7.68	11.91	2.00	0.00	1.00	0.00	7.69	12.02	2.00	0.00	1.00	0.00
7.70	12.13	2.00	0.00	1.00	0.00	7.71	12.12	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	12.23	2.00	0.00	1.00	0.00	7.73	12.46	2.00	0.00	1.00	0.00
7.74	12.68	2.00	0.00	1.00	0.00	7.75	12.90	2.00	0.00	1.00	0.00
7.76	12.90	2.00	0.00	1.00	0.00	7.77	13.00	2.00	0.00	1.00	0.00
7.78	13.23	2.00	0.00	1.00	0.00	7.79	13.34	2.00	0.00	1.00	0.00
7.80	13.33	2.00	0.00	1.00	0.00	7.81	13.32	2.00	0.00	1.00	0.00
7.82	13.43	2.00	0.00	1.00	0.00	7.83	13.53	2.00	0.00	1.00	0.00
7.84	13.53	2.00	0.00	1.00	0.00	7.85	13.29	2.00	0.00	1.00	0.00
7.86	13.28	2.00	0.00	1.00	0.00	7.87	13.39	2.00	0.00	1.00	0.00
7.88	13.38	2.00	0.00	1.00	0.00	7.89	13.26	2.00	0.00	1.00	0.00
7.90	10.72	2.00	0.00	1.00	0.00	7.91	10.72	2.00	0.00	1.00	0.00
7.92	10.71	2.00	0.00	1.00	0.00	7.93	13.11	2.00	0.00	1.00	0.00
7.94	13.33	2.00	0.00	1.00	0.00	7.95	13.32	2.00	0.00	1.00	0.00
7.96	13.20	2.00	0.00	1.00	0.00	7.97	12.97	2.00	0.00	1.00	0.00
7.98	12.96	2.00	0.00	1.00	0.00	7.99	12.84	2.00	0.00	1.00	0.00
8.00	12.72	2.00	0.00	1.00	0.00	8.01	13.05	2.00	0.00	1.00	0.00
8.02	13.04	2.00	0.00	1.00	0.00	8.03	12.81	2.00	0.00	1.00	0.00
8.04	12.69	2.00	0.00	1.00	0.00	8.05	12.56	2.00	0.00	1.00	0.00
8.06	12.67	2.00	0.00	1.00	0.00	8.07	12.89	2.00	0.00	1.00	0.00
8.08	12.88	2.00	0.00	1.00	0.00	8.09	12.99	2.00	0.00	1.00	0.00
8.10	13.21	2.00	0.00	1.00	0.00	8.11	13.65	2.00	0.00	1.00	0.00
8.12	14.10	2.00	0.00	1.00	0.00	8.13	14.54	2.00	0.00	1.00	0.00
8.14	14.87	2.00	0.00	1.00	0.00	8.15	14.52	2.00	0.00	1.00	0.00
8.16	14.52	2.00	0.00	1.00	0.00	8.17	14.62	2.00	0.00	1.00	0.00
8.18	14.61	2.00	0.00	1.00	0.00	8.19	14.72	2.00	0.00	1.00	0.00
8.20	15.16	2.00	0.00	1.00	0.00	8.21	15.60	2.00	0.00	1.00	0.00
8.22	15.82	2.00	0.00	1.00	0.00	8.23	15.92	2.00	0.00	1.00	0.00
8.24	15.68	2.00	0.00	1.00	0.00	8.25	15.56	2.00	0.00	1.00	0.00
8.26	15.33	2.00	0.00	1.00	0.00	8.27	15.21	2.00	0.00	1.00	0.00
8.28	15.20	2.00	0.00	1.00	0.00	8.29	15.53	2.00	0.00	1.00	0.00
8.30	15.74	2.00	0.00	1.00	0.00	8.31	15.62	2.00	0.00	1.00	0.00
8.32	15.28	2.00	0.00	1.00	0.00	8.33	15.27	2.00	0.00	1.00	0.00
8.34	15.48	2.00	0.00	1.00	0.00	8.35	15.69	2.00	0.00	1.00	0.00
8.36	15.68	2.00	0.00	1.00	0.00	8.37	15.56	2.00	0.00	1.00	0.00
8.38	15.55	2.00	0.00	1.00	0.00	8.39	15.66	2.00	0.00	1.00	0.00
8.40	15.20	2.00	0.00	1.00	0.00	8.41	14.97	2.00	0.00	1.00	0.00
8.42	14.85	2.00	0.00	1.00	0.00	8.43	14.40	2.00	0.00	1.00	0.00
8.44	14.06	2.00	0.00	1.00	0.00	8.45	13.94	2.00	0.00	1.00	0.00
8.46	13.48	2.00	0.00	1.00	0.00	8.47	13.25	2.00	0.00	1.00	0.00
8.48	13.13	2.00	0.00	1.00	0.00	8.49	13.13	2.00	0.00	1.00	0.00
8.50	13.12	2.00	0.00	1.00	0.00	8.51	13.22	2.00	0.00	1.00	0.00
8.52	13.21	2.00	0.00	1.00	0.00	8.53	13.32	2.00	0.00	1.00	0.00
8.54	13.42	2.00	0.00	1.00	0.00	8.55	13.52	2.00	0.00	1.00	0.00
8.56	13.63	2.00	0.00	1.00	0.00	8.57	13.84	2.00	0.00	1.00	0.00
8.58	13.94	2.00	0.00	1.00	0.00	8.59	14.26	2.00	0.00	1.00	0.00
8.60	14.26	2.00	0.00	1.00	0.00	8.61	14.14	2.00	0.00	1.00	0.00
8.62	14.13	2.00	0.00	1.00	0.00	8.63	14.12	2.00	0.00	1.00	0.00
8.64	13.78	2.00	0.00	1.00	0.00	8.65	12.90	2.00	0.00	1.00	0.00
8.66	12.67	2.00	0.00	1.00	0.00	8.67	12.55	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	12.32	2.00	0.00	1.00	0.00	8.69	12.21	2.00	0.00	1.00	0.00
8.70	12.20	2.00	0.00	1.00	0.00	8.71	12.30	2.00	0.00	1.00	0.00
8.72	12.40	2.00	0.00	1.00	0.00	8.73	12.40	2.00	0.00	1.00	0.00
8.74	12.39	2.00	0.00	1.00	0.00	8.75	12.38	2.00	0.00	1.00	0.00
8.76	12.38	2.00	0.00	1.00	0.00	8.77	12.26	2.00	0.00	1.00	0.00
8.78	12.14	2.00	0.00	1.00	0.00	8.79	11.92	2.00	0.00	1.00	0.00
8.80	12.02	2.00	0.00	1.00	0.00	8.81	12.23	2.00	0.00	1.00	0.00
8.82	12.23	2.00	0.00	1.00	0.00	8.83	12.33	2.00	0.00	1.00	0.00
8.84	11.99	2.00	0.00	1.00	0.00	8.85	11.88	2.00	0.00	1.00	0.00
8.86	11.87	2.00	0.00	1.00	0.00	8.87	11.54	2.00	0.00	1.00	0.00
8.88	11.42	2.00	0.00	1.00	0.00	8.89	11.52	2.00	0.00	1.00	0.00
8.90	11.52	2.00	0.00	1.00	0.00	8.91	11.51	2.00	0.00	1.00	0.00
8.92	10.74	2.00	0.00	1.00	0.00	8.93	11.83	2.00	0.00	1.00	0.00
8.94	12.14	2.00	0.00	1.00	0.00	8.95	12.14	2.00	0.00	1.00	0.00
8.96	12.13	2.00	0.00	1.00	0.00	8.97	12.12	2.00	0.00	1.00	0.00
8.98	12.12	2.00	0.00	1.00	0.00	8.99	12.00	2.00	0.00	1.00	0.00
9.00	11.78	2.00	0.00	1.00	0.00	9.01	11.77	2.00	0.00	1.00	0.00
9.02	11.88	2.00	0.00	1.00	0.00	9.03	11.87	2.00	0.00	1.00	0.00
9.04	11.97	2.00	0.00	1.00	0.00	9.05	12.07	2.00	0.00	1.00	0.00
9.06	12.17	2.00	0.00	1.00	0.00	9.07	12.38	2.00	0.00	1.00	0.00
9.08	12.48	2.00	0.00	1.00	0.00	9.09	12.48	2.00	0.00	1.00	0.00
9.10	12.47	2.00	0.00	1.00	0.00	9.11	12.25	2.00	0.00	1.00	0.00
9.12	12.35	2.00	0.00	1.00	0.00	9.13	12.34	2.00	0.00	1.00	0.00
9.14	12.23	2.00	0.00	1.00	0.00	9.15	12.33	2.00	0.00	1.00	0.00
9.16	12.32	2.00	0.00	1.00	0.00	9.17	12.42	2.00	0.00	1.00	0.00
9.18	12.42	2.00	0.00	1.00	0.00	9.19	12.52	2.00	0.00	1.00	0.00
9.20	12.51	2.00	0.00	1.00	0.00	9.21	12.72	2.00	0.00	1.00	0.00
9.22	12.71	2.00	0.00	1.00	0.00	9.23	13.03	2.00	0.00	1.00	0.00
9.24	13.13	2.00	0.00	1.00	0.00	9.25	13.33	2.00	0.00	1.00	0.00
9.26	13.54	2.00	0.00	1.00	0.00	9.27	13.74	2.00	0.00	1.00	0.00
9.28	13.84	2.00	0.00	1.00	0.00	9.29	14.05	2.00	0.00	1.00	0.00
9.30	13.94	2.00	0.00	1.00	0.00	9.31	13.61	2.00	0.00	1.00	0.00
9.32	13.39	2.00	0.00	1.00	0.00	9.33	13.17	2.00	0.00	1.00	0.00
9.34	12.74	2.00	0.00	1.00	0.00	9.35	12.62	2.00	0.00	1.00	0.00
9.36	12.41	2.00	0.00	1.00	0.00	9.37	12.08	2.00	0.00	1.00	0.00
9.38	12.07	2.00	0.00	1.00	0.00	9.39	12.17	2.00	0.00	1.00	0.00
9.40	12.27	2.00	0.00	1.00	0.00	9.41	12.37	2.00	0.00	1.00	0.00
9.42	12.47	2.00	0.00	1.00	0.00	9.43	12.57	2.00	0.00	1.00	0.00
9.44	12.67	2.00	0.00	1.00	0.00	9.45	12.77	2.00	0.00	1.00	0.00
9.46	12.97	2.00	0.00	1.00	0.00	9.47	13.07	2.00	0.00	1.00	0.00
9.48	13.07	2.00	0.00	1.00	0.00	9.49	13.16	2.00	0.00	1.00	0.00
9.50	13.47	2.00	0.00	1.00	0.00	9.51	13.68	2.00	0.00	1.00	0.00
9.52	13.78	2.00	0.00	1.00	0.00	9.53	13.87	2.00	0.00	1.00	0.00
9.54	13.87	2.00	0.00	1.00	0.00	9.55	13.86	2.00	0.00	1.00	0.00
9.56	13.75	2.00	0.00	1.00	0.00	9.57	13.22	2.00	0.00	1.00	0.00
9.58	13.10	2.00	0.00	1.00	0.00	9.59	12.78	2.00	0.00	1.00	0.00
9.60	12.57	2.00	0.00	1.00	0.00	9.61	12.14	2.00	0.00	1.00	0.00
9.62	11.92	2.00	0.00	1.00	0.00	9.63	11.71	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	11.07	2.00	0.00	1.00	0.00	9.65	10.75	2.00	0.00	1.00	0.00
9.66	10.54	2.00	0.00	1.00	0.00	9.67	10.32	2.00	0.00	1.00	0.00
9.68	10.11	2.00	0.00	1.00	0.00	9.69	9.89	2.00	0.00	1.00	0.00
9.70	9.68	2.00	0.00	1.00	0.00	9.71	9.36	2.00	0.00	1.00	0.00
9.72	9.25	2.00	0.00	1.00	0.00	9.73	9.03	2.00	0.00	1.00	0.00
9.74	8.82	2.00	0.00	1.00	0.00	9.75	8.71	2.00	0.00	1.00	0.00
9.76	8.60	2.00	0.00	1.00	0.00	9.77	8.29	2.00	0.00	1.00	0.00
9.78	8.18	2.00	0.00	1.00	0.00	9.79	7.96	2.00	0.00	1.00	0.00
9.80	7.75	2.00	0.00	1.00	0.00	9.81	7.64	2.00	0.00	1.00	0.00
9.82	7.53	2.00	0.00	1.00	0.00	9.83	7.01	2.00	0.00	1.00	0.00
9.84	6.80	2.00	0.00	1.00	0.00	9.85	6.69	2.00	0.00	1.00	0.00
9.86	6.58	2.00	0.00	1.00	0.00	9.87	6.37	2.00	0.00	1.00	0.00
9.88	6.37	2.00	0.00	1.00	0.00	9.89	6.37	2.00	0.00	1.00	0.00
9.90	5.43	2.00	0.00	1.00	0.00	9.91	5.42	2.00	0.00	1.00	0.00
9.92	5.42	2.00	0.00	1.00	0.00	9.93	7.50	2.00	0.00	1.00	0.00
9.94	7.39	2.00	0.00	1.00	0.00	9.95	7.07	2.00	0.00	1.00	0.00
9.96	6.66	2.00	0.00	1.00	0.00	9.97	6.45	2.00	0.00	1.00	0.00
9.98	6.24	2.00	0.00	1.00	0.00	9.99	6.13	2.00	0.00	1.00	0.00
10.00	6.23	2.00	0.00	1.00	0.00	10.01	6.54	2.00	0.00	1.00	0.00
10.02	6.74	2.00	0.00	1.00	0.00	10.03	6.84	2.00	0.00	1.00	0.00
10.04	6.94	2.00	0.00	1.00	0.00	10.05	7.05	2.00	0.00	1.00	0.00
10.06	7.15	2.00	0.00	1.00	0.00	10.07	7.14	2.00	0.00	1.00	0.00
10.08	7.24	2.00	0.00	1.00	0.00	10.09	7.34	2.00	0.00	1.00	0.00
10.10	7.34	2.00	0.00	1.00	0.00	10.11	7.34	2.00	0.00	1.00	0.00
10.12	7.54	2.00	0.00	1.00	0.00	10.13	7.74	2.00	0.00	1.00	0.00
10.14	7.84	2.00	0.00	1.00	0.00	10.15	8.15	2.00	0.00	1.00	0.00
10.16	8.15	2.00	0.00	1.00	0.00	10.17	8.35	2.00	0.00	1.00	0.00
10.18	8.45	2.00	0.00	1.00	0.00	10.19	8.96	2.00	0.00	1.00	0.00
10.20	9.16	2.00	0.00	1.00	0.00	10.21	9.26	2.00	0.00	1.00	0.00
10.22	9.35	2.00	0.00	1.00	0.00	10.23	9.35	2.00	0.00	1.00	0.00
10.24	9.24	2.00	0.00	1.00	0.00	10.25	8.93	2.00	0.00	1.00	0.00
10.26	8.83	2.00	0.00	1.00	0.00	10.27	8.72	2.00	0.00	1.00	0.00
10.28	8.72	2.00	0.00	1.00	0.00	10.29	8.61	2.00	0.00	1.00	0.00
10.30	8.50	2.00	0.00	1.00	0.00	10.31	8.50	2.00	0.00	1.00	0.00
10.32	8.39	2.00	0.00	1.00	0.00	10.33	8.39	2.00	0.00	1.00	0.00
10.34	8.28	2.00	0.00	1.00	0.00	10.35	8.38	2.00	0.00	1.00	0.00
10.36	8.38	2.00	0.00	1.00	0.00	10.37	8.37	2.00	0.00	1.00	0.00
10.38	8.47	2.00	0.00	1.00	0.00	10.39	8.67	2.00	0.00	1.00	0.00
10.40	8.77	2.00	0.00	1.00	0.00	10.41	9.17	2.00	0.00	1.00	0.00
10.42	9.37	2.00	0.00	1.00	0.00	10.43	9.57	2.00	0.00	1.00	0.00
10.44	9.67	2.00	0.00	1.00	0.00	10.45	9.66	2.00	0.00	1.00	0.00
10.46	9.86	2.00	0.00	1.00	0.00	10.47	9.96	2.00	0.00	1.00	0.00
10.48	9.95	2.00	0.00	1.00	0.00	10.49	9.85	2.00	0.00	1.00	0.00
10.50	9.64	2.00	0.00	1.00	0.00	10.51	9.64	2.00	0.00	1.00	0.00
10.52	9.63	2.00	0.00	1.00	0.00	10.53	9.43	2.00	0.00	1.00	0.00
10.54	9.22	2.00	0.00	1.00	0.00	10.55	9.11	2.00	0.00	1.00	0.00
10.56	9.01	2.00	0.00	1.00	0.00	10.57	8.90	2.00	0.00	1.00	0.00
10.58	8.90	2.00	0.00	1.00	0.00	10.59	8.90	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	8.79	2.00	0.00	1.00	0.00	10.61	8.58	2.00	0.00	1.00	0.00
10.62	8.48	2.00	0.00	1.00	0.00	10.63	8.38	2.00	0.00	1.00	0.00
10.64	8.27	2.00	0.00	1.00	0.00	10.65	8.27	2.00	0.00	1.00	0.00
10.66	8.26	2.00	0.00	1.00	0.00	10.67	8.26	2.00	0.00	1.00	0.00
10.68	8.26	2.00	0.00	1.00	0.00	10.69	8.25	2.00	0.00	1.00	0.00
10.70	8.25	2.00	0.00	1.00	0.00	10.71	8.35	2.00	0.00	1.00	0.00
10.72	8.44	2.00	0.00	1.00	0.00	10.73	8.84	2.00	0.00	1.00	0.00
10.74	8.94	2.00	0.00	1.00	0.00	10.75	8.93	2.00	0.00	1.00	0.00
10.76	9.23	2.00	0.00	1.00	0.00	10.77	9.33	2.00	0.00	1.00	0.00
10.78	9.52	2.00	0.00	1.00	0.00	10.79	9.72	2.00	0.00	1.00	0.00
10.80	9.81	2.00	0.00	1.00	0.00	10.81	9.91	2.00	0.00	1.00	0.00
10.82	9.81	2.00	0.00	1.00	0.00	10.83	9.70	2.00	0.00	1.00	0.00
10.84	9.50	2.00	0.00	1.00	0.00	10.85	9.39	2.00	0.00	1.00	0.00
10.86	9.19	2.00	0.00	1.00	0.00	10.87	8.89	2.00	0.00	1.00	0.00
10.88	8.58	2.00	0.00	1.00	0.00	10.89	8.38	2.00	0.00	1.00	0.00
10.90	8.38	2.00	0.00	1.00	0.00	10.91	8.37	2.00	0.00	1.00	0.00
10.92	8.77	2.00	0.00	1.00	0.00	10.93	9.36	2.00	0.00	1.00	0.00
10.94	9.46	2.00	0.00	1.00	0.00	10.95	9.45	2.00	0.00	1.00	0.00
10.96	9.25	2.00	0.00	1.00	0.00	10.97	9.45	2.00	0.00	1.00	0.00
10.98	9.54	2.00	0.00	1.00	0.00	10.99	9.44	2.00	0.00	1.00	0.00
11.00	9.93	2.00	0.00	1.00	0.00	11.01	10.52	2.00	0.00	1.00	0.00
11.02	11.21	2.00	0.00	1.00	0.00	11.03	11.31	2.00	0.00	1.00	0.00
11.04	11.40	2.00	0.00	1.00	0.00	11.05	11.50	2.00	0.00	1.00	0.00
11.06	11.59	2.00	0.00	1.00	0.00	11.07	11.19	2.00	0.00	1.00	0.00
11.08	11.09	2.00	0.00	1.00	0.00	11.09	10.98	2.00	0.00	1.00	0.00
11.10	10.88	2.00	0.00	1.00	0.00	11.11	10.87	2.00	0.00	1.00	0.00
11.12	10.97	2.00	0.00	1.00	0.00	11.13	10.77	2.00	0.00	1.00	0.00
11.14	10.66	2.00	0.00	1.00	0.00	11.15	10.56	2.00	0.00	1.00	0.00
11.16	10.26	2.00	0.00	1.00	0.00	11.17	10.26	2.00	0.00	1.00	0.00
11.18	10.25	2.00	0.00	1.00	0.00	11.19	10.25	2.00	0.00	1.00	0.00
11.20	10.05	2.00	0.00	1.00	0.00	11.21	9.94	2.00	0.00	1.00	0.00
11.22	9.74	2.00	0.00	1.00	0.00	11.23	9.54	2.00	0.00	1.00	0.00
11.24	9.64	2.00	0.00	1.00	0.00	11.25	9.53	2.00	0.00	1.00	0.00
11.26	9.33	2.00	0.00	1.00	0.00	11.27	9.13	2.00	0.00	1.00	0.00
11.28	9.23	2.00	0.00	1.00	0.00	11.29	9.03	2.00	0.00	1.00	0.00
11.30	8.83	2.00	0.00	1.00	0.00	11.31	8.63	2.00	0.00	1.00	0.00
11.32	8.52	2.00	0.00	1.00	0.00	11.33	8.52	2.00	0.00	1.00	0.00
11.34	8.52	2.00	0.00	1.00	0.00	11.35	8.12	2.00	0.00	1.00	0.00
11.36	8.02	2.00	0.00	1.00	0.00	11.37	8.02	2.00	0.00	1.00	0.00
11.38	8.01	2.00	0.00	1.00	0.00	11.39	8.01	2.00	0.00	1.00	0.00
11.40	8.20	2.00	0.00	1.00	0.00	11.41	8.49	2.00	0.00	1.00	0.00
11.42	9.07	2.00	0.00	1.00	0.00	11.43	9.36	2.00	0.00	1.00	0.00
11.44	9.95	2.00	0.00	1.00	0.00	11.45	10.23	2.00	0.00	1.00	0.00
11.46	10.43	2.00	0.00	1.00	0.00	11.47	10.62	2.00	0.00	1.00	0.00
11.48	10.81	2.00	0.00	1.00	0.00	11.49	10.71	2.00	0.00	1.00	0.00
11.50	10.31	2.00	0.00	1.00	0.00	11.51	10.31	2.00	0.00	1.00	0.00
11.52	10.21	2.00	0.00	1.00	0.00	11.53	9.91	2.00	0.00	1.00	0.00
11.54	9.71	2.00	0.00	1.00	0.00	11.55	9.61	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	9.61	2.00	0.00	1.00	0.00	11.57	9.51	2.00	0.00	1.00	0.00
11.58	9.50	2.00	0.00	1.00	0.00	11.59	9.60	2.00	0.00	1.00	0.00
11.60	9.69	2.00	0.00	1.00	0.00	11.61	9.69	2.00	0.00	1.00	0.00
11.62	9.88	2.00	0.00	1.00	0.00	11.63	9.87	2.00	0.00	1.00	0.00
11.64	9.96	2.00	0.00	1.00	0.00	11.65	10.15	2.00	0.00	1.00	0.00
11.66	10.34	2.00	0.00	1.00	0.00	11.67	10.44	2.00	0.00	1.00	0.00
11.68	10.14	2.00	0.00	1.00	0.00	11.69	10.14	2.00	0.00	1.00	0.00
11.70	10.23	2.00	0.00	1.00	0.00	11.71	10.42	2.00	0.00	1.00	0.00
11.72	10.41	2.00	0.00	1.00	0.00	11.73	10.41	2.00	0.00	1.00	0.00
11.74	10.70	2.00	0.00	1.00	0.00	11.75	10.79	2.00	0.00	1.00	0.00
11.76	11.07	2.00	0.00	1.00	0.00	11.77	11.07	2.00	0.00	1.00	0.00
11.78	11.16	2.00	0.00	1.00	0.00	11.79	11.25	2.00	0.00	1.00	0.00
11.80	11.34	2.00	0.00	1.00	0.00	11.81	11.34	2.00	0.00	1.00	0.00
11.82	11.04	2.00	0.00	1.00	0.00	11.83	10.85	2.00	0.00	1.00	0.00
11.84	10.75	2.00	0.00	1.00	0.00	11.85	10.45	2.00	0.00	1.00	0.00
11.86	10.35	2.00	0.00	1.00	0.00	11.87	10.35	2.00	0.00	1.00	0.00
11.88	10.34	2.00	0.00	1.00	0.00	11.89	10.34	2.00	0.00	1.00	0.00
11.90	10.33	2.00	0.00	1.00	0.00	11.91	10.33	2.00	0.00	1.00	0.00
11.92	9.37	2.00	0.00	1.00	0.00	11.93	10.03	2.00	0.00	1.00	0.00
11.94	10.41	2.00	0.00	1.00	0.00	11.95	10.60	2.00	0.00	1.00	0.00
11.96	10.79	2.00	0.00	1.00	0.00	11.97	10.88	2.00	0.00	1.00	0.00
11.98	10.97	2.00	0.00	1.00	0.00	11.99	11.06	2.00	0.00	1.00	0.00
12.00	11.06	2.00	0.00	1.00	0.00	12.01	11.15	2.00	0.00	1.00	0.00
12.02	11.05	2.00	0.00	1.00	0.00	12.03	11.04	2.00	0.00	1.00	0.00
12.04	11.04	2.00	0.00	1.00	0.00	12.05	11.22	2.00	0.00	1.00	0.00
12.06	11.22	2.00	0.00	1.00	0.00	12.07	11.21	2.00	0.00	1.00	0.00
12.08	11.30	2.00	0.00	1.00	0.00	12.09	11.20	2.00	0.00	1.00	0.00
12.10	11.20	2.00	0.00	1.00	0.00	12.11	11.19	2.00	0.00	1.00	0.00
12.12	11.19	2.00	0.00	1.00	0.00	12.13	11.18	2.00	0.00	1.00	0.00
12.14	11.18	2.00	0.00	1.00	0.00	12.15	11.18	2.00	0.00	1.00	0.00
12.16	11.17	2.00	0.00	1.00	0.00	12.17	11.07	2.00	0.00	1.00	0.00
12.18	11.16	2.00	0.00	1.00	0.00	12.19	11.16	2.00	0.00	1.00	0.00
12.20	11.25	2.00	0.00	1.00	0.00	12.21	11.34	2.00	0.00	1.00	0.00
12.22	11.43	2.00	0.00	1.00	0.00	12.23	11.42	2.00	0.00	1.00	0.00
12.24	11.42	2.00	0.00	1.00	0.00	12.25	11.41	2.00	0.00	1.00	0.00
12.26	11.31	2.00	0.00	1.00	0.00	12.27	11.40	2.00	0.00	1.00	0.00
12.28	11.40	2.00	0.00	1.00	0.00	12.29	11.39	2.00	0.00	1.00	0.00
12.30	11.48	2.00	0.00	1.00	0.00	12.31	11.57	2.00	0.00	1.00	0.00
12.32	11.57	2.00	0.00	1.00	0.00	12.33	11.56	2.00	0.00	1.00	0.00
12.34	11.56	2.00	0.00	1.00	0.00	12.35	11.46	2.00	0.00	1.00	0.00
12.36	11.45	2.00	0.00	1.00	0.00	12.37	11.35	2.00	0.00	1.00	0.00
12.38	11.26	2.00	0.00	1.00	0.00	12.39	10.97	2.00	0.00	1.00	0.00
12.40	10.78	2.00	0.00	1.00	0.00	12.41	10.58	2.00	0.00	1.00	0.00
12.42	10.30	2.00	0.00	1.00	0.00	12.43	10.29	2.00	0.00	1.00	0.00
12.44	10.19	2.00	0.00	1.00	0.00	12.45	10.00	2.00	0.00	1.00	0.00
12.46	9.90	2.00	0.00	1.00	0.00	12.47	9.81	2.00	0.00	1.00	0.00
12.48	9.71	2.00	0.00	1.00	0.00	12.49	9.80	2.00	0.00	1.00	0.00
12.50	9.89	2.00	0.00	1.00	0.00	12.51	9.98	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	9.88	2.00	0.00	1.00	0.00	12.53	9.78	2.00	0.00	1.00	0.00
12.54	9.78	2.00	0.00	1.00	0.00	12.55	9.68	2.00	0.00	1.00	0.00
12.56	9.77	2.00	0.00	1.00	0.00	12.57	9.77	2.00	0.00	1.00	0.00
12.58	9.48	2.00	0.00	1.00	0.00	12.59	9.39	2.00	0.00	1.00	0.00
12.60	9.29	2.00	0.00	1.00	0.00	12.61	9.47	2.00	0.00	1.00	0.00
12.62	9.56	2.00	0.00	1.00	0.00	12.63	9.46	2.00	0.00	1.00	0.00
12.64	9.55	2.00	0.00	1.00	0.00	12.65	9.64	2.00	0.00	1.00	0.00
12.66	9.73	2.00	0.00	1.00	0.00	12.67	9.73	2.00	0.00	1.00	0.00
12.68	9.63	2.00	0.00	1.00	0.00	12.69	9.72	2.00	0.00	1.00	0.00
12.70	9.72	2.00	0.00	1.00	0.00	12.71	9.53	2.00	0.00	1.00	0.00
12.72	9.34	2.00	0.00	1.00	0.00	12.73	9.15	2.00	0.00	1.00	0.00
12.74	9.14	2.00	0.00	1.00	0.00	12.75	9.05	2.00	0.00	1.00	0.00
12.76	8.95	2.00	0.00	1.00	0.00	12.77	8.95	2.00	0.00	1.00	0.00
12.78	8.85	2.00	0.00	1.00	0.00	12.79	8.94	2.00	0.00	1.00	0.00
12.80	9.03	2.00	0.00	1.00	0.00	12.81	9.02	2.00	0.00	1.00	0.00
12.82	9.02	2.00	0.00	1.00	0.00	12.83	9.11	2.00	0.00	1.00	0.00
12.84	9.01	2.00	0.00	1.00	0.00	12.85	9.75	2.00	0.00	1.00	0.00
12.86	10.11	2.00	0.00	1.00	0.00	12.87	10.66	2.00	0.00	1.00	0.00
12.88	10.94	2.00	0.00	1.00	0.00	12.89	11.30	2.00	0.00	1.00	0.00
12.90	11.76	2.00	0.00	1.00	0.00	12.91	11.76	2.00	0.00	1.00	0.00
12.92	11.75	2.00	0.00	1.00	0.00	12.93	12.21	2.00	0.00	1.00	0.00
12.94	12.30	2.00	0.00	1.00	0.00	12.95	12.29	2.00	0.00	1.00	0.00
12.96	12.38	2.00	0.00	1.00	0.00	12.97	12.37	2.00	0.00	1.00	0.00
12.98	12.74	2.00	0.00	1.00	0.00	12.99	13.01	2.00	0.00	1.00	0.00
13.00	13.28	2.00	0.00	1.00	0.00	13.01	13.28	2.00	0.00	1.00	0.00
13.02	13.18	2.00	0.00	1.00	0.00	13.03	13.17	2.00	0.00	1.00	0.00
13.04	12.80	2.00	0.00	1.00	0.00	13.05	12.61	2.00	0.00	1.00	0.00
13.06	12.61	2.00	0.00	1.00	0.00	13.07	12.78	2.00	0.00	1.00	0.00
13.08	12.87	2.00	0.00	1.00	0.00	13.09	13.42	2.00	0.00	1.00	0.00
13.10	13.69	2.00	0.00	1.00	0.00	13.11	13.77	2.00	0.00	1.00	0.00
13.12	13.77	2.00	0.00	1.00	0.00	13.13	13.85	2.00	0.00	1.00	0.00
13.14	13.94	2.00	0.00	1.00	0.00	13.15	13.94	2.00	0.00	1.00	0.00
13.16	13.93	2.00	0.00	1.00	0.00	13.17	13.47	2.00	0.00	1.00	0.00
13.18	13.37	2.00	0.00	1.00	0.00	13.19	13.36	2.00	0.00	1.00	0.00
13.20	13.36	2.00	0.00	1.00	0.00	13.21	13.35	2.00	0.00	1.00	0.00
13.22	13.26	2.00	0.00	1.00	0.00	13.23	12.89	2.00	0.00	1.00	0.00
13.24	12.42	2.00	0.00	1.00	0.00	13.25	12.51	2.00	0.00	1.00	0.00
13.26	12.50	2.00	0.00	1.00	0.00	13.27	12.50	2.00	0.00	1.00	0.00
13.28	12.49	2.00	0.00	1.00	0.00	13.29	12.94	2.00	0.00	1.00	0.00
13.30	13.03	2.00	0.00	1.00	0.00	13.31	13.12	2.00	0.00	1.00	0.00
13.32	13.29	2.00	0.00	1.00	0.00	13.33	13.29	2.00	0.00	1.00	0.00
13.34	13.28	2.00	0.00	1.00	0.00	13.35	13.28	2.00	0.00	1.00	0.00
13.36	13.09	2.00	0.00	1.00	0.00	13.37	12.81	2.00	0.00	1.00	0.00
13.38	12.53	2.00	0.00	1.00	0.00	13.39	12.44	2.00	0.00	1.00	0.00
13.40	12.43	2.00	0.00	1.00	0.00	13.41	12.06	2.00	0.00	1.00	0.00
13.42	11.70	2.00	0.00	1.00	0.00	13.43	11.33	2.00	0.00	1.00	0.00
13.44	11.33	2.00	0.00	1.00	0.00	13.45	11.23	2.00	0.00	1.00	0.00
13.46	11.05	2.00	0.00	1.00	0.00	13.47	10.95	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	10.86	2.00	0.00	1.00	0.00	13.49	10.85	2.00	0.00	1.00	0.00
13.50	10.58	2.00	0.00	1.00	0.00	13.51	10.66	2.00	0.00	1.00	0.00
13.52	10.66	2.00	0.00	1.00	0.00	13.53	10.65	2.00	0.00	1.00	0.00
13.54	10.47	2.00	0.00	1.00	0.00	13.55	10.28	2.00	0.00	1.00	0.00
13.56	10.28	2.00	0.00	1.00	0.00	13.57	10.37	2.00	0.00	1.00	0.00
13.58	10.36	2.00	0.00	1.00	0.00	13.59	10.18	2.00	0.00	1.00	0.00
13.60	9.99	2.00	0.00	1.00	0.00	13.61	9.99	2.00	0.00	1.00	0.00
13.62	9.90	2.00	0.00	1.00	0.00	13.63	9.62	2.00	0.00	1.00	0.00
13.64	9.53	2.00	0.00	1.00	0.00	13.65	9.35	2.00	0.00	1.00	0.00
13.66	9.34	2.00	0.00	1.00	0.00	13.67	9.16	2.00	0.00	1.00	0.00
13.68	8.89	2.00	0.00	1.00	0.00	13.69	8.80	2.00	0.00	1.00	0.00
13.70	8.53	2.00	0.00	1.00	0.00	13.71	8.43	2.00	0.00	1.00	0.00
13.72	8.43	2.00	0.00	1.00	0.00	13.73	8.25	2.00	0.00	1.00	0.00
13.74	8.07	2.00	0.00	1.00	0.00	13.75	7.97	2.00	0.00	1.00	0.00
13.76	8.06	2.00	0.00	1.00	0.00	13.77	8.06	2.00	0.00	1.00	0.00
13.78	8.23	2.00	0.00	1.00	0.00	13.79	8.23	2.00	0.00	1.00	0.00
13.80	8.14	2.00	0.00	1.00	0.00	13.81	8.31	2.00	0.00	1.00	0.00
13.82	8.49	2.00	0.00	1.00	0.00	13.83	8.66	2.00	0.00	1.00	0.00
13.84	8.84	2.00	0.00	1.00	0.00	13.85	9.01	2.00	0.00	1.00	0.00
13.86	9.28	2.00	0.00	1.00	0.00	13.87	9.45	2.00	0.00	1.00	0.00
13.88	9.45	2.00	0.00	1.00	0.00	13.89	9.53	2.00	0.00	1.00	0.00
13.90	9.53	2.00	0.00	1.00	0.00	13.91	9.53	2.00	0.00	1.00	0.00
13.92	9.97	2.00	0.00	1.00	0.00	13.93	9.96	2.00	0.00	1.00	0.00
13.94	9.60	2.00	0.00	1.00	0.00	13.95	9.51	2.00	0.00	1.00	0.00
13.96	9.51	2.00	0.00	1.00	0.00	13.97	9.51	2.00	0.00	1.00	0.00
13.98	9.50	2.00	0.00	1.00	0.00	13.99	9.41	2.00	0.00	1.00	0.00
14.00	9.23	2.00	0.00	1.00	0.00	14.01	9.32	2.00	0.00	1.00	0.00
14.02	9.58	2.00	0.00	1.00	0.00	14.03	9.66	2.00	0.00	1.00	0.00
14.04	9.66	2.00	0.00	1.00	0.00	14.05	9.66	2.00	0.00	1.00	0.00
14.06	9.56	2.00	0.00	1.00	0.00	14.07	9.47	2.00	0.00	1.00	0.00
14.08	9.47	2.00	0.00	1.00	0.00	14.09	9.55	2.00	0.00	1.00	0.00
14.10	9.64	2.00	0.00	1.00	0.00	14.11	9.46	2.00	0.00	1.00	0.00
14.12	9.45	2.00	0.00	1.00	0.00	14.13	9.45	2.00	0.00	1.00	0.00
14.14	9.45	2.00	0.00	1.00	0.00	14.15	9.44	2.00	0.00	1.00	0.00
14.16	9.44	2.00	0.00	1.00	0.00	14.17	9.44	2.00	0.00	1.00	0.00
14.18	9.43	2.00	0.00	1.00	0.00	14.19	9.43	2.00	0.00	1.00	0.00
14.20	9.16	2.00	0.00	1.00	0.00	14.21	9.16	2.00	0.00	1.00	0.00
14.22	9.07	2.00	0.00	1.00	0.00	14.23	9.15	2.00	0.00	1.00	0.00
14.24	9.15	2.00	0.00	1.00	0.00	14.25	9.23	2.00	0.00	1.00	0.00
14.26	9.41	2.00	0.00	1.00	0.00	14.27	9.67	2.00	0.00	1.00	0.00
14.28	9.57	2.00	0.00	1.00	0.00	14.29	9.57	2.00	0.00	1.00	0.00
14.30	9.48	2.00	0.00	1.00	0.00	14.31	9.39	2.00	0.00	1.00	0.00
14.32	9.47	2.00	0.00	1.00	0.00	14.33	9.47	2.00	0.00	1.00	0.00
14.34	9.38	2.00	0.00	1.00	0.00	14.35	9.38	2.00	0.00	1.00	0.00
14.36	9.28	2.00	0.00	1.00	0.00	14.37	9.28	2.00	0.00	1.00	0.00
14.38	9.37	2.00	0.00	1.00	0.00	14.39	9.36	2.00	0.00	1.00	0.00
14.40	9.36	2.00	0.00	1.00	0.00	14.41	9.44	2.00	0.00	1.00	0.00
14.42	9.35	2.00	0.00	1.00	0.00	14.43	9.17	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.08	2.00	0.00	1.00	0.00	14.45	9.08	2.00	0.00	1.00	0.00
14.46	9.08	2.00	0.00	1.00	0.00	14.47	8.99	2.00	0.00	1.00	0.00
14.48	9.07	2.00	0.00	1.00	0.00	14.49	9.07	2.00	0.00	1.00	0.00
14.50	8.98	2.00	0.00	1.00	0.00	14.51	9.06	2.00	0.00	1.00	0.00
14.52	9.23	2.00	0.00	1.00	0.00	14.53	9.32	2.00	0.00	1.00	0.00
14.54	9.66	2.00	0.00	1.00	0.00	14.55	9.83	2.00	0.00	1.00	0.00
14.56	10.09	2.00	0.00	1.00	0.00	14.57	10.26	2.00	0.00	1.00	0.00
14.58	10.34	2.00	0.00	1.00	0.00	14.59	10.42	2.00	0.00	1.00	0.00
14.60	10.42	2.00	0.00	1.00	0.00	14.61	10.59	2.00	0.00	1.00	0.00
14.62	10.59	2.00	0.00	1.00	0.00	14.63	10.58	2.00	0.00	1.00	0.00
14.64	10.49	2.00	0.00	1.00	0.00	14.65	10.40	2.00	0.00	1.00	0.00
14.66	10.31	2.00	0.00	1.00	0.00	14.67	10.22	2.00	0.00	1.00	0.00
14.68	10.13	2.00	0.00	1.00	0.00	14.69	10.04	2.00	0.00	1.00	0.00
14.70	9.86	2.00	0.00	1.00	0.00	14.71	9.86	2.00	0.00	1.00	0.00
14.72	9.86	2.00	0.00	1.00	0.00	14.73	9.85	2.00	0.00	1.00	0.00
14.74	9.68	2.00	0.00	1.00	0.00	14.75	9.67	2.00	0.00	1.00	0.00
14.76	9.84	2.00	0.00	1.00	0.00	14.77	9.84	2.00	0.00	1.00	0.00
14.78	10.01	2.00	0.00	1.00	0.00	14.79	10.26	2.00	0.00	1.00	0.00
14.80	10.35	2.00	0.00	1.00	0.00	14.81	10.60	2.00	0.00	1.00	0.00
14.82	10.68	2.00	0.00	1.00	0.00	14.83	10.94	2.00	0.00	1.00	0.00
14.84	10.93	2.00	0.00	1.00	0.00	14.85	11.10	2.00	0.00	1.00	0.00
14.86	11.27	2.00	0.00	1.00	0.00	14.87	11.35	2.00	0.00	1.00	0.00
14.88	11.44	2.00	0.00	1.00	0.00	14.89	11.43	2.00	0.00	1.00	0.00
14.90	11.43	2.00	0.00	1.00	0.00	14.91	11.42	2.00	0.00	1.00	0.00
14.92	9.61	2.00	0.00	1.00	0.00	14.93	11.50	2.00	0.00	1.00	0.00
14.94	11.67	2.00	0.00	1.00	0.00	14.95	11.67	2.00	0.00	1.00	0.00
14.96	11.58	2.00	0.00	1.00	0.00	14.97	11.57	2.00	0.00	1.00	0.00
14.98	11.65	2.00	0.00	1.00	0.00	14.99	11.56	2.00	0.00	1.00	0.00
15.00	11.64	2.00	0.00	1.00	0.00	15.01	11.98	2.00	0.00	1.00	0.00
15.02	12.07	2.00	0.00	1.00	0.00	15.03	12.15	2.00	0.00	1.00	0.00
15.04	12.23	2.00	0.00	1.00	0.00	15.05	12.22	2.00	0.00	1.00	0.00
15.06	12.31	2.00	0.00	1.00	0.00	15.07	12.30	2.00	0.00	1.00	0.00
15.08	12.47	2.00	0.00	1.00	0.00	15.09	12.64	2.00	0.00	1.00	0.00
15.10	12.72	2.00	0.00	1.00	0.00	15.11	12.80	2.00	0.00	1.00	0.00
15.12	12.79	2.00	0.00	1.00	0.00	15.13	12.87	2.00	0.00	1.00	0.00
15.14	12.78	2.00	0.00	1.00	0.00	15.15	12.78	2.00	0.00	1.00	0.00
15.16	12.77	2.00	0.00	1.00	0.00	15.17	12.77	2.00	0.00	1.00	0.00
15.18	12.94	2.00	0.00	1.00	0.00	15.19	12.93	2.00	0.00	1.00	0.00
15.20	13.01	2.00	0.00	1.00	0.00	15.21	13.01	2.00	0.00	1.00	0.00
15.22	13.00	2.00	0.00	1.00	0.00	15.23	13.00	2.00	0.00	1.00	0.00
15.24	13.08	2.00	0.00	1.00	0.00	15.25	13.16	2.00	0.00	1.00	0.00
15.26	13.07	2.00	0.00	1.00	0.00	15.27	13.15	2.00	0.00	1.00	0.00
15.28	13.23	2.00	0.00	1.00	0.00	15.29	13.23	2.00	0.00	1.00	0.00
15.30	13.22	2.00	0.00	1.00	0.00	15.31	13.13	2.00	0.00	1.00	0.00
15.32	13.21	2.00	0.00	1.00	0.00	15.33	13.12	2.00	0.00	1.00	0.00
15.34	13.20	2.00	0.00	1.00	0.00	15.35	13.37	2.00	0.00	1.00	0.00
15.36	13.45	2.00	0.00	1.00	0.00	15.37	13.70	2.00	0.00	1.00	0.00
15.38	13.78	2.00	0.00	1.00	0.00	15.39	14.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	14.62	2.00	0.00	1.00	0.00	15.41	15.13	2.00	0.00	1.00	0.00
15.42	15.38	2.00	0.00	1.00	0.00	15.43	15.71	2.00	0.00	1.00	0.00
15.44	15.96	2.00	0.00	1.00	0.00	15.45	16.22	2.00	0.00	1.00	0.00
15.46	16.38	2.00	0.00	1.00	0.00	15.47	16.20	2.00	0.00	1.00	0.00
15.48	16.20	2.00	0.00	1.00	0.00	15.49	16.02	2.00	0.00	1.00	0.00
15.50	16.10	2.00	0.00	1.00	0.00	15.51	16.18	2.00	0.00	1.00	0.00
15.52	16.17	2.00	0.00	1.00	0.00	15.53	16.00	2.00	0.00	1.00	0.00
15.54	15.74	2.00	0.00	1.00	0.00	15.55	15.31	2.00	0.00	1.00	0.00
15.56	15.30	2.00	0.00	1.00	0.00	15.57	15.29	2.00	0.00	1.00	0.00
15.58	14.95	2.00	0.00	1.00	0.00	15.59	14.60	2.00	0.00	1.00	0.00
15.60	14.51	2.00	0.00	1.00	0.00	15.61	14.68	2.00	0.00	1.00	0.00
15.62	14.59	2.00	0.00	1.00	0.00	15.63	14.33	2.00	0.00	1.00	0.00
15.64	13.56	2.00	0.00	1.00	0.00	15.65	13.22	2.00	0.00	1.00	0.00
15.66	13.13	2.00	0.00	1.00	0.00	15.67	13.04	2.00	0.00	1.00	0.00
15.68	12.87	2.00	0.00	1.00	0.00	15.69	12.78	2.00	0.00	1.00	0.00
15.70	12.52	2.00	0.00	1.00	0.00	15.71	12.35	2.00	0.00	1.00	0.00
15.72	12.18	2.00	0.00	1.00	0.00	15.73	11.92	2.00	0.00	1.00	0.00
15.74	11.83	2.00	0.00	1.00	0.00	15.75	11.83	2.00	0.00	1.00	0.00
15.76	11.57	2.00	0.00	1.00	0.00	15.77	11.40	2.00	0.00	1.00	0.00
15.78	11.40	2.00	0.00	1.00	0.00	15.79	11.48	2.00	0.00	1.00	0.00
15.80	11.22	2.00	0.00	1.00	0.00	15.81	11.05	2.00	0.00	1.00	0.00
15.82	10.88	2.00	0.00	1.00	0.00	15.83	10.79	2.00	0.00	1.00	0.00
15.84	10.70	2.00	0.00	1.00	0.00	15.85	10.70	2.00	0.00	1.00	0.00
15.86	10.70	2.00	0.00	1.00	0.00	15.87	10.61	2.00	0.00	1.00	0.00
15.88	10.52	2.00	0.00	1.00	0.00	15.89	10.60	2.00	0.00	1.00	0.00
15.90	10.60	2.00	0.00	1.00	0.00	15.91	10.59	2.00	0.00	1.00	0.00
15.92	10.84	2.00	0.00	1.00	0.00	15.93	11.50	2.00	0.00	1.00	0.00
15.94	11.58	2.00	0.00	1.00	0.00	15.95	11.91	2.00	0.00	1.00	0.00
15.96	12.16	2.00	0.00	1.00	0.00	15.97	12.40	2.00	0.00	1.00	0.00
15.98	12.65	2.00	0.00	1.00	0.00	15.99	12.81	2.00	0.00	1.00	0.00
16.00	12.97	2.00	0.00	1.00	0.00	16.01	13.39	2.00	0.00	1.00	0.00
16.02	13.47	2.00	0.00	1.00	0.00	16.03	13.63	2.00	0.00	1.00	0.00
16.04	13.96	2.00	0.00	1.00	0.00	16.05	13.95	2.00	0.00	1.00	0.00
16.06	13.86	2.00	0.00	1.00	0.00	16.07	13.94	2.00	0.00	1.00	0.00
16.08	14.02	2.00	0.00	1.00	0.00	16.09	14.02	2.00	0.00	1.00	0.00
16.10	14.18	2.00	0.00	1.00	0.00	16.11	14.34	2.00	0.00	1.00	0.00
16.12	14.42	2.00	0.00	1.00	0.00	16.13	14.41	2.00	0.00	1.00	0.00
16.14	14.33	2.00	0.00	1.00	0.00	16.15	14.07	2.00	0.00	1.00	0.00
16.16	13.73	2.00	0.00	1.00	0.00	16.17	13.56	2.00	0.00	1.00	0.00
16.18	13.89	2.00	0.00	1.00	0.00	16.19	14.22	2.00	0.00	1.00	0.00
16.20	14.71	2.00	0.00	1.00	0.00	16.21	14.87	2.00	0.00	1.00	0.00
16.22	15.28	2.00	0.00	1.00	0.00	16.23	15.53	2.00	0.00	1.00	0.00
16.24	15.77	2.00	0.00	1.00	0.00	16.25	16.35	2.00	0.00	1.00	0.00
16.26	16.59	2.00	0.00	1.00	0.00	16.27	16.67	2.00	0.00	1.00	0.00
16.28	16.75	2.00	0.00	1.00	0.00	16.29	16.83	2.00	0.00	1.00	0.00
16.30	17.24	2.00	0.00	1.00	0.00	16.31	17.57	2.00	0.00	1.00	0.00
16.32	17.89	2.00	0.00	1.00	0.00	16.33	17.80	2.00	0.00	1.00	0.00
16.34	17.38	2.00	0.00	1.00	0.00	16.35	17.21	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	17.04	2.00	0.00	1.00	0.00	16.37	16.95	2.00	0.00	1.00	0.00
16.38	16.11	2.00	0.00	1.00	0.00	16.39	15.52	2.00	0.00	1.00	0.00
16.40	14.61	2.00	0.00	1.00	0.00	16.41	14.44	2.00	0.00	1.00	0.00
16.42	13.77	2.00	0.00	1.00	0.00	16.43	13.60	2.00	0.00	1.00	0.00
16.44	13.27	2.00	0.00	1.00	0.00	16.45	13.02	2.00	0.00	1.00	0.00
16.46	12.60	2.00	0.00	1.00	0.00	16.47	12.27	2.00	0.00	1.00	0.00
16.48	11.85	2.00	0.00	1.00	0.00	16.49	11.60	2.00	0.00	1.00	0.00
16.50	11.19	2.00	0.00	1.00	0.00	16.51	10.86	2.00	0.00	1.00	0.00
16.52	10.69	2.00	0.00	1.00	0.00	16.53	10.52	2.00	0.00	1.00	0.00
16.54	10.03	2.00	0.00	1.00	0.00	16.55	9.70	2.00	0.00	1.00	0.00
16.56	9.62	2.00	0.00	1.00	0.00	16.57	9.37	2.00	0.00	1.00	0.00
16.58	8.80	2.00	0.00	1.00	0.00	16.59	8.56	2.00	0.00	1.00	0.00
16.60	8.39	2.00	0.00	1.00	0.00	16.61	8.15	2.00	0.00	1.00	0.00
16.62	7.90	2.00	0.00	1.00	0.00	16.63	7.66	2.00	0.00	1.00	0.00
16.64	7.57	2.00	0.00	1.00	0.00	16.65	7.33	2.00	0.00	1.00	0.00
16.66	7.16	2.00	0.00	1.00	0.00	16.67	7.00	2.00	0.00	1.00	0.00
16.68	6.84	2.00	0.00	1.00	0.00	16.69	6.68	2.00	0.00	1.00	0.00
16.70	6.67	2.00	0.00	1.00	0.00	16.71	6.59	2.00	0.00	1.00	0.00
16.72	6.59	2.00	0.00	1.00	0.00	16.73	6.67	2.00	0.00	1.00	0.00
16.74	6.67	2.00	0.00	1.00	0.00	16.75	6.74	2.00	0.00	1.00	0.00
16.76	6.74	2.00	0.00	1.00	0.00	16.77	6.74	2.00	0.00	1.00	0.00
16.78	6.82	2.00	0.00	1.00	0.00	16.79	6.90	2.00	0.00	1.00	0.00
16.80	6.97	2.00	0.00	1.00	0.00	16.81	7.21	2.00	0.00	1.00	0.00
16.82	7.29	2.00	0.00	1.00	0.00	16.83	7.53	2.00	0.00	1.00	0.00
16.84	8.01	2.00	0.00	1.00	0.00	16.85	8.33	2.00	0.00	1.00	0.00
16.86	8.57	2.00	0.00	1.00	0.00	16.87	9.21	2.00	0.00	1.00	0.00
16.88	10.09	2.00	0.00	1.00	0.00	16.89	10.41	2.00	0.00	1.00	0.00
16.90	10.40	2.00	0.00	1.00	0.00	16.91	10.40	2.00	0.00	1.00	0.00
16.92	11.36	2.00	0.00	1.00	0.00	16.93	11.68	2.00	0.00	1.00	0.00
16.94	12.16	2.00	0.00	1.00	0.00	16.95	12.32	2.00	0.00	1.00	0.00
16.96	12.65	2.00	0.00	1.00	0.00	16.97	12.73	2.00	0.00	1.00	0.00
16.98	12.64	2.00	0.00	1.00	0.00	16.99	12.56	2.00	0.00	1.00	0.00
17.00	12.48	2.00	0.00	1.00	0.00	17.01	12.55	2.00	0.00	1.00	0.00
17.02	12.63	2.00	0.00	1.00	0.00	17.03	12.55	2.00	0.00	1.00	0.00
17.04	12.54	2.00	0.00	1.00	0.00	17.05	12.46	2.00	0.00	1.00	0.00
17.06	12.37	2.00	0.00	1.00	0.00	17.07	12.37	2.00	0.00	1.00	0.00
17.08	12.36	2.00	0.00	1.00	0.00	17.09	12.44	2.00	0.00	1.00	0.00
17.10	12.68	2.00	0.00	1.00	0.00	17.11	12.67	2.00	0.00	1.00	0.00
17.12	12.67	2.00	0.00	1.00	0.00	17.13	12.67	2.00	0.00	1.00	0.00
17.14	12.90	2.00	0.00	1.00	0.00	17.15	13.06	2.00	0.00	1.00	0.00
17.16	13.22	2.00	0.00	1.00	0.00	17.17	13.29	2.00	0.00	1.00	0.00
17.18	13.37	2.00	0.00	1.00	0.00	17.19	13.53	2.00	0.00	1.00	0.00
17.20	13.84	2.00	0.00	1.00	0.00	17.21	14.00	2.00	0.00	1.00	0.00
17.22	14.24	2.00	0.00	1.00	0.00	17.23	14.40	2.00	0.00	1.00	0.00
17.24	14.47	2.00	0.00	1.00	0.00	17.25	14.55	2.00	0.00	1.00	0.00
17.26	14.70	2.00	0.00	1.00	0.00	17.27	14.46	2.00	0.00	1.00	0.00
17.28	14.37	2.00	0.00	1.00	0.00	17.29	14.21	2.00	0.00	1.00	0.00
17.30	14.20	2.00	0.00	1.00	0.00	17.31	14.12	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
17.32	14.03	2.00	0.00	1.00	0.00	17.33	13.95	2.00	0.00	1.00	0.00
17.34	13.78	2.00	0.00	1.00	0.00	17.35	13.29	2.00	0.00	1.00	0.00
17.36	13.13	2.00	0.00	1.00	0.00	17.37	13.12	2.00	0.00	1.00	0.00
17.38	13.36	2.00	0.00	1.00	0.00	17.39	13.36	2.00	0.00	1.00	0.00
17.40	13.19	2.00	0.00	1.00	0.00	17.41	13.11	2.00	0.00	1.00	0.00
17.42	12.94	2.00	0.00	1.00	0.00	17.43	12.94	2.00	0.00	1.00	0.00
17.44	13.01	2.00	0.00	1.00	0.00	17.45	12.93	2.00	0.00	1.00	0.00
17.46	12.93	2.00	0.00	1.00	0.00	17.47	12.84	2.00	0.00	1.00	0.00
17.48	12.92	2.00	0.00	1.00	0.00	17.49	12.59	2.00	0.00	1.00	0.00
17.50	12.35	2.00	0.00	1.00	0.00	17.51	12.43	2.00	0.00	1.00	0.00
17.52	12.50	2.00	0.00	1.00	0.00	17.53	12.66	2.00	0.00	1.00	0.00
17.54	12.57	2.00	0.00	1.00	0.00	17.55	12.49	2.00	0.00	1.00	0.00
17.56	12.56	2.00	0.00	1.00	0.00	17.57	12.80	2.00	0.00	1.00	0.00
17.58	12.72	2.00	0.00	1.00	0.00	17.59	12.55	2.00	0.00	1.00	0.00
17.60	12.39	2.00	0.00	1.00	0.00	17.61	12.38	2.00	0.00	1.00	0.00
17.62	12.30	2.00	0.00	1.00	0.00	17.63	12.46	2.00	0.00	1.00	0.00
17.64	12.61	2.00	0.00	1.00	0.00	17.65	12.69	2.00	0.00	1.00	0.00
17.66	12.68	2.00	0.00	1.00	0.00	17.67	12.68	2.00	0.00	1.00	0.00
17.68	12.59	2.00	0.00	1.00	0.00	17.69	12.59	2.00	0.00	1.00	0.00
17.70	12.67	2.00	0.00	1.00	0.00	17.71	12.74	2.00	0.00	1.00	0.00
17.72	12.82	2.00	0.00	1.00	0.00	17.73	12.81	2.00	0.00	1.00	0.00
17.74	12.89	2.00	0.00	1.00	0.00	17.75	12.88	2.00	0.00	1.00	0.00
17.76	12.64	2.00	0.00	1.00	0.00	17.77	12.64	2.00	0.00	1.00	0.00
17.78	12.32	2.00	0.00	1.00	0.00	17.79	12.08	2.00	0.00	1.00	0.00
17.80	11.60	2.00	0.00	1.00	0.00	17.81	11.28	2.00	0.00	1.00	0.00
17.82	10.88	2.00	0.00	1.00	0.00	17.83	10.41	2.00	0.00	1.00	0.00
17.84	9.70	2.00	0.00	1.00	0.00	17.85	9.54	2.00	0.00	1.00	0.00
17.86	9.30	2.00	0.00	1.00	0.00	17.87	9.14	2.00	0.00	1.00	0.00
17.88	8.83	2.00	0.00	1.00	0.00	17.89	8.51	2.00	0.00	1.00	0.00
17.90	8.51	2.00	0.00	1.00	0.00	17.91	8.51	2.00	0.00	1.00	0.00
17.92	8.74	2.00	0.00	1.00	0.00	17.93	8.74	2.00	0.00	1.00	0.00
17.94	8.50	2.00	0.00	1.00	0.00	17.95	8.50	2.00	0.00	1.00	0.00
17.96	8.42	2.00	0.00	1.00	0.00	17.97	8.18	2.00	0.00	1.00	0.00
17.98	8.03	2.00	0.00	1.00	0.00	17.99	7.87	2.00	0.00	1.00	0.00
18.00	7.87	2.00	0.00	1.00	0.00	18.01	7.79	2.00	0.00	1.00	0.00
18.02	7.86	2.00	0.00	1.00	0.00	18.03	8.09	2.00	0.00	1.00	0.00
18.04	8.25	2.00	0.00	1.00	0.00	18.05	8.48	2.00	0.00	1.00	0.00
18.06	8.71	2.00	0.00	1.00	0.00	18.07	8.78	2.00	0.00	1.00	0.00
18.08	8.70	2.00	0.00	1.00	0.00	18.09	8.62	2.00	0.00	1.00	0.00
18.10	8.46	2.00	0.00	1.00	0.00	18.11	8.31	2.00	0.00	1.00	0.00
18.12	8.54	2.00	0.00	1.00	0.00	18.13	8.69	2.00	0.00	1.00	0.00
18.14	9.00	2.00	0.00	1.00	0.00	18.15	9.23	2.00	0.00	1.00	0.00
18.16	9.69	2.00	0.00	1.00	0.00	18.17	9.92	2.00	0.00	1.00	0.00
18.18	10.54	2.00	0.00	1.00	0.00	18.19	10.69	2.00	0.00	1.00	0.00
18.20	11.08	2.00	0.00	1.00	0.00	18.21	11.23	2.00	0.00	1.00	0.00
18.22	11.54	2.00	0.00	1.00	0.00	18.23	11.53	2.00	0.00	1.00	0.00
18.24	11.61	2.00	0.00	1.00	0.00	18.25	11.76	2.00	0.00	1.00	0.00
18.26	11.52	2.00	0.00	1.00	0.00	18.27	11.37	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

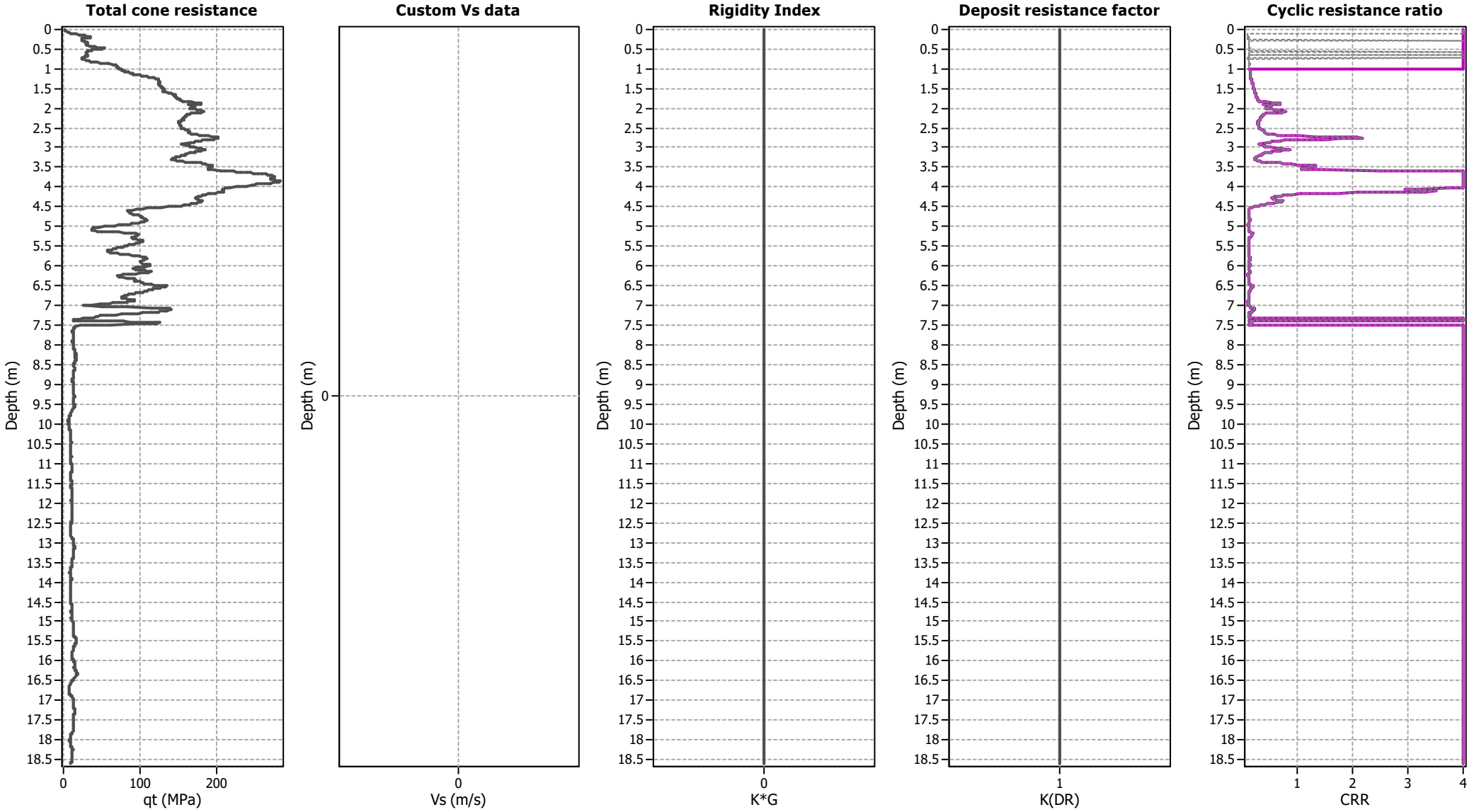
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.28	11.44	2.00	0.00	1.00	0.00	18.29	11.44	2.00	0.00	1.00	0.00
18.30	11.51	2.00	0.00	1.00	0.00	18.31	11.35	2.00	0.00	1.00	0.00
18.32	11.04	2.00	0.00	1.00	0.00	18.33	10.88	2.00	0.00	1.00	0.00
18.34	10.80	2.00	0.00	1.00	0.00	18.35	10.72	2.00	0.00	1.00	0.00
18.36	10.64	2.00	0.00	1.00	0.00	18.37	10.17	2.00	0.00	1.00	0.00
18.38	10.01	2.00	0.00	1.00	0.00	18.39	10.17	2.00	0.00	1.00	0.00
18.40	10.70	2.00	0.00	1.00	0.00	18.41	11.24	2.00	0.00	1.00	0.00
18.42	11.55	2.00	0.00	1.00	0.00	18.43	11.55	2.00	0.00	1.00	0.00
18.44	11.23	2.00	0.00	1.00	0.00	18.45	10.92	2.00	0.00	1.00	0.00
18.46	10.84	2.00	0.00	1.00	0.00	18.47	10.84	2.00	0.00	1.00	0.00
18.48	10.76	2.00	0.00	1.00	0.00	18.49	10.75	2.00	0.00	1.00	0.00
18.50	10.67	2.00	0.00	1.00	0.00	18.51	10.59	2.00	0.00	1.00	0.00
18.52	10.44	2.00	0.00	1.00	0.00	18.53	10.13	2.00	0.00	1.00	0.00
18.54	10.05	2.00	0.00	1.00	0.00	18.55	10.04	2.00	0.00	1.00	0.00
18.56	9.81	2.00	0.00	1.00	0.00	18.57	9.65	2.00	0.00	1.00	0.00
18.58	9.65	2.00	0.00	1.00	0.00	18.59	9.65	2.00	0.00	1.00	0.00
18.60	9.64	2.00	0.00	1.00	0.00						

Total estimated settlement: 9.46

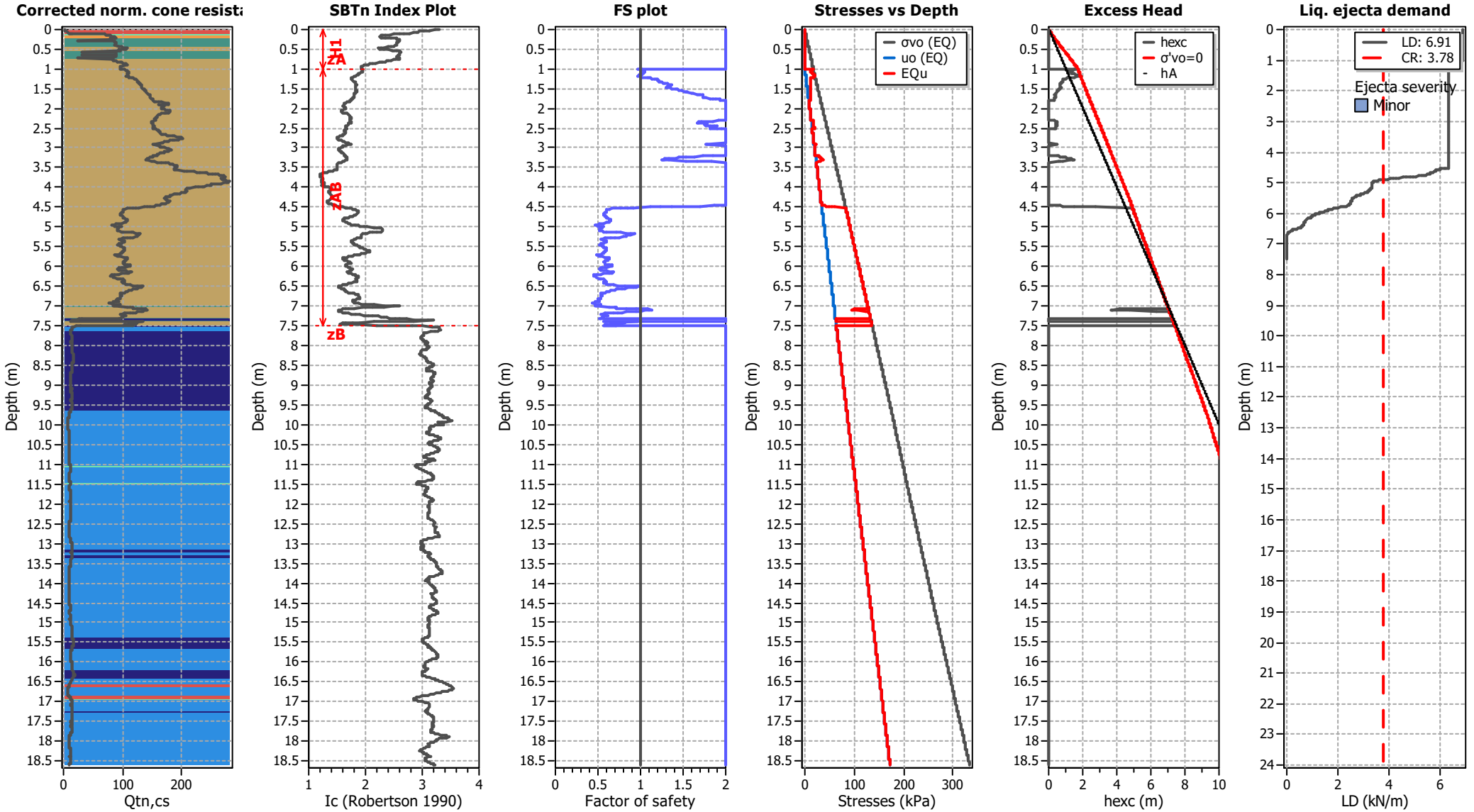
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



Geologo
Dott. Aldo Antoniazzi
STUDIO DI GEOLOGIA TECNICA E AMBIENTALE

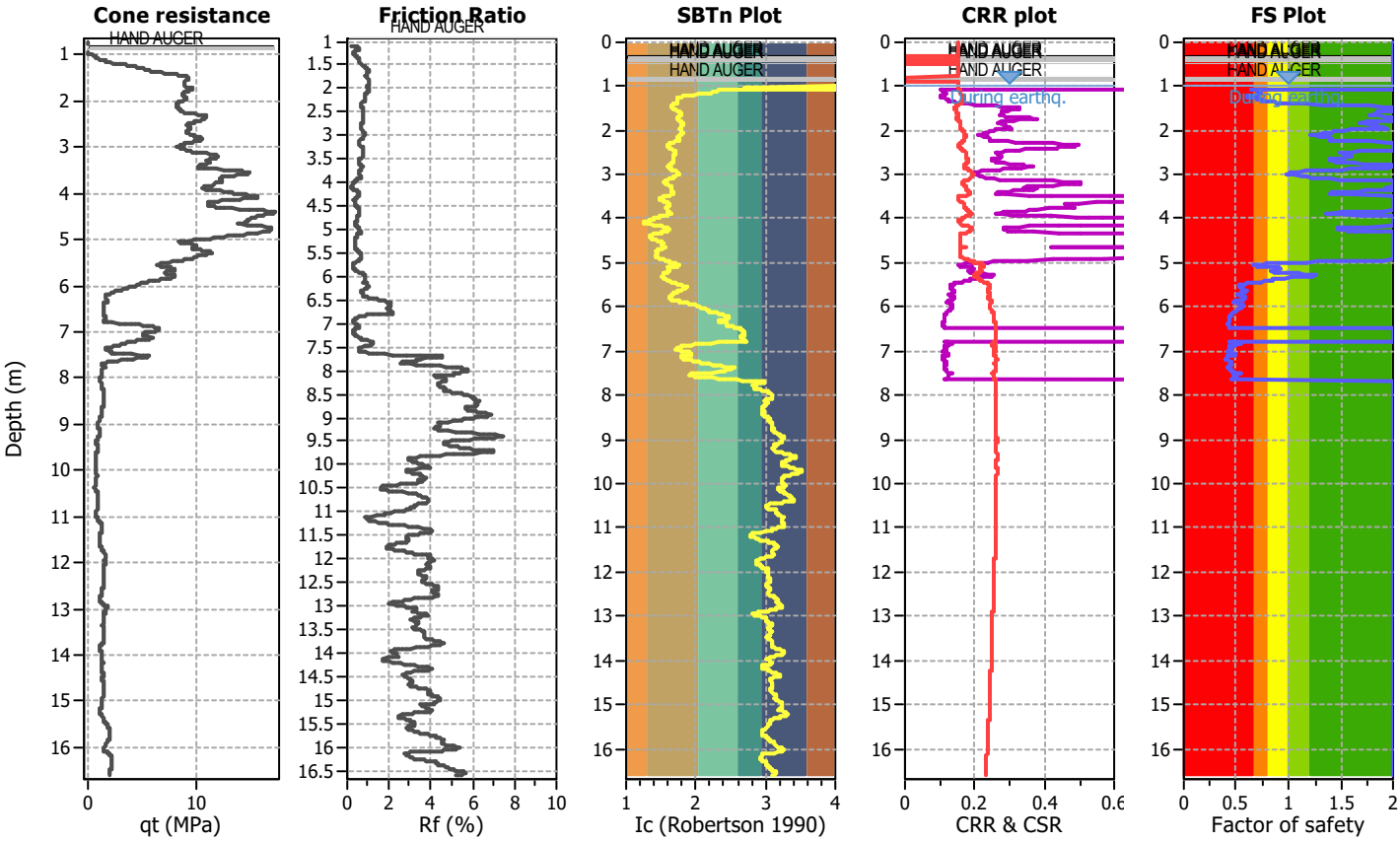
LIQUEFACTION ANALYSIS REPORT

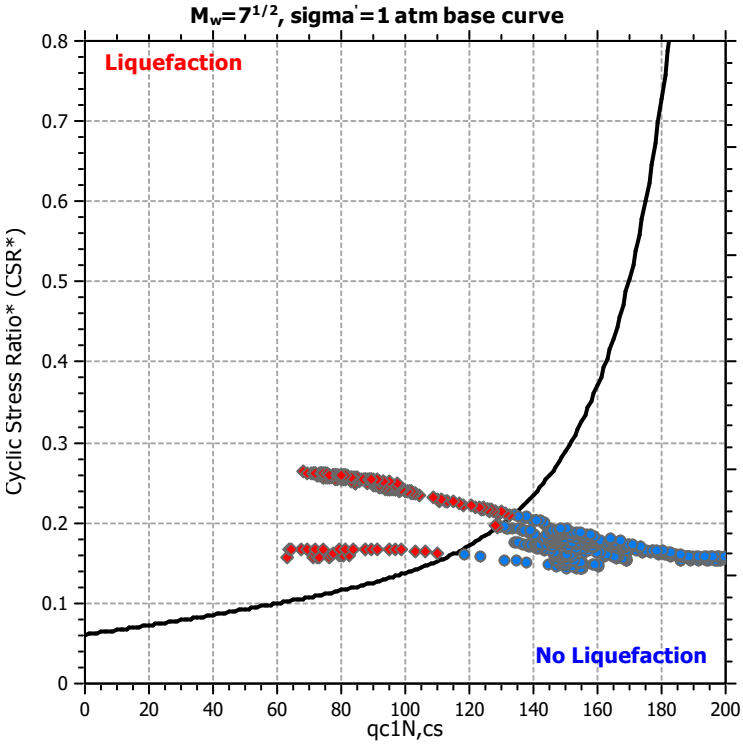
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

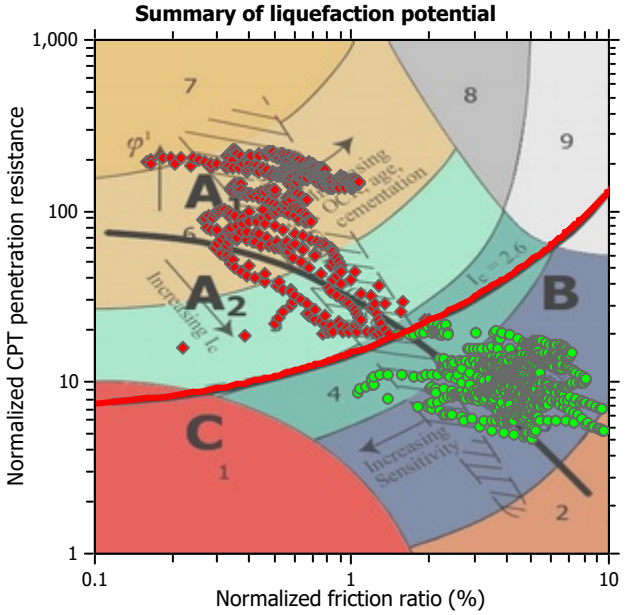
CPT file : 040008P1012CPTU1013

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

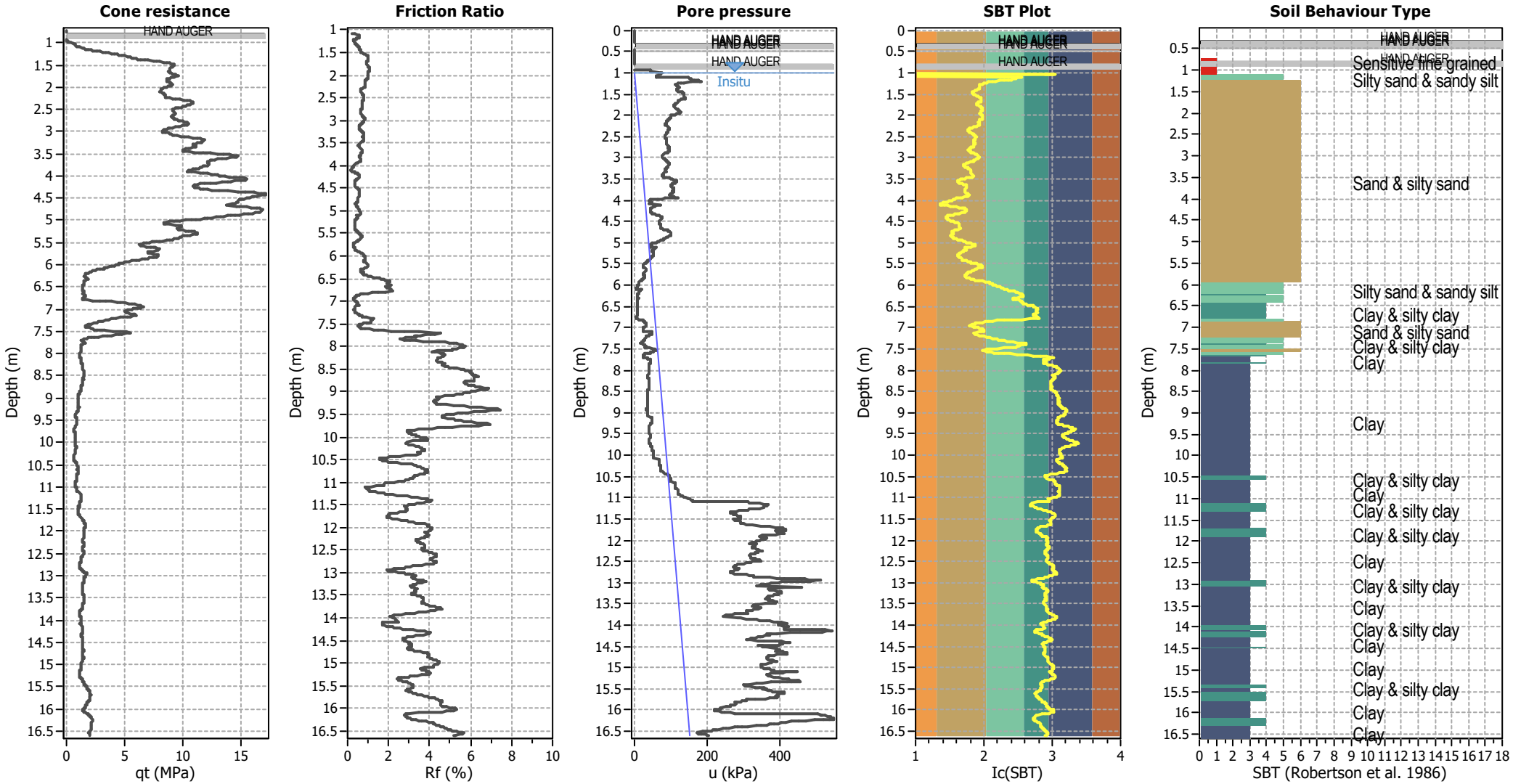






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



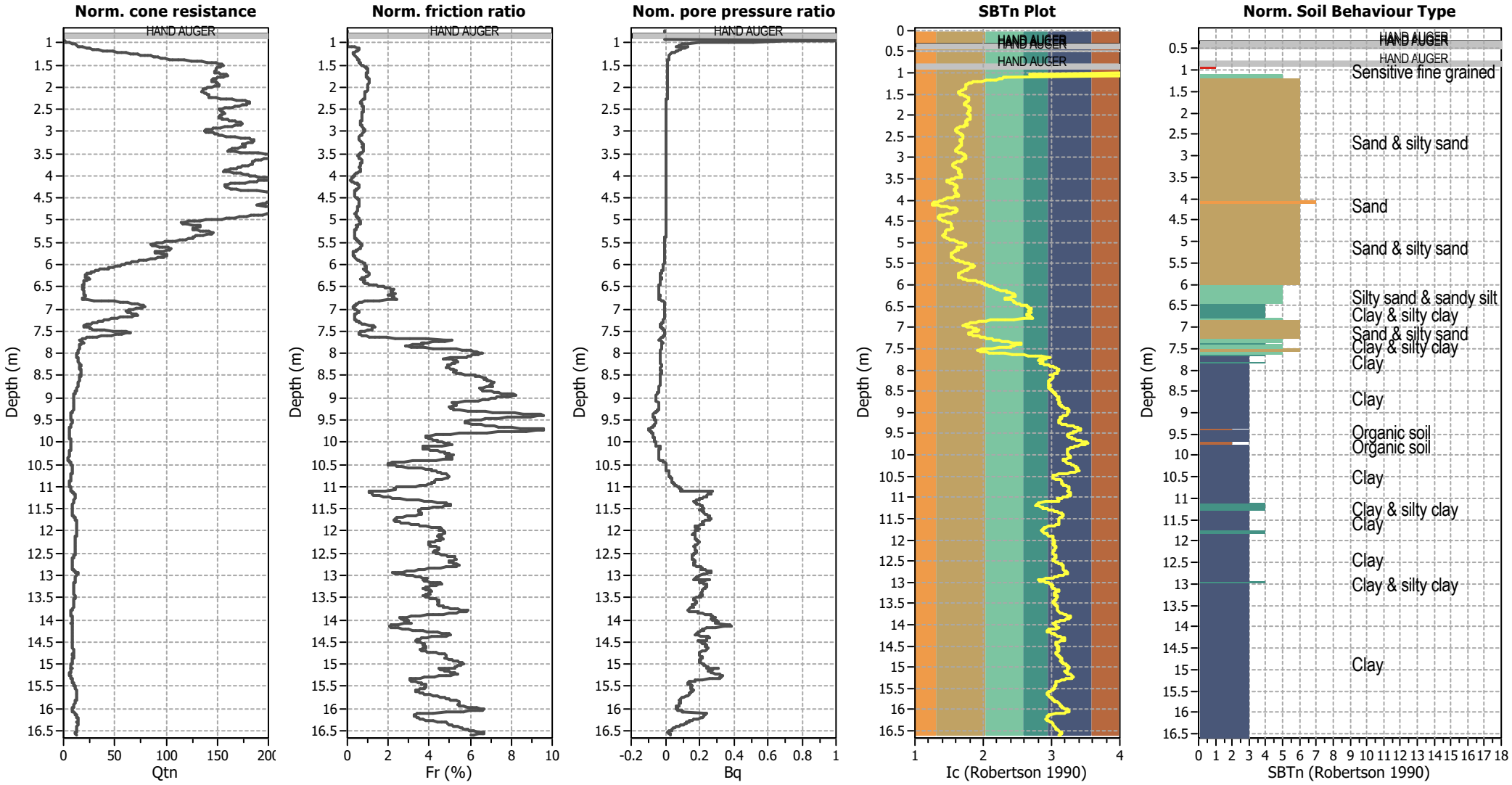
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



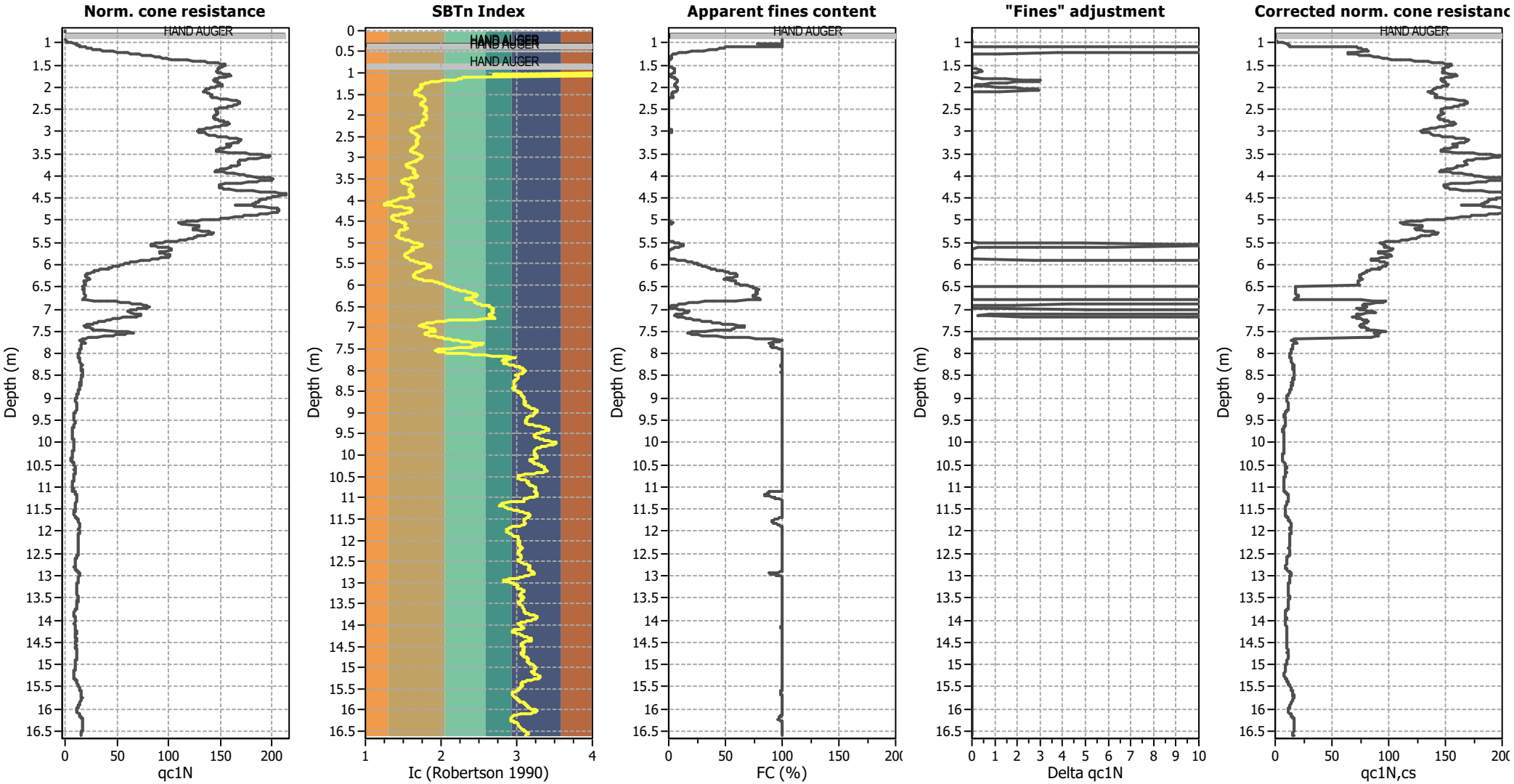
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

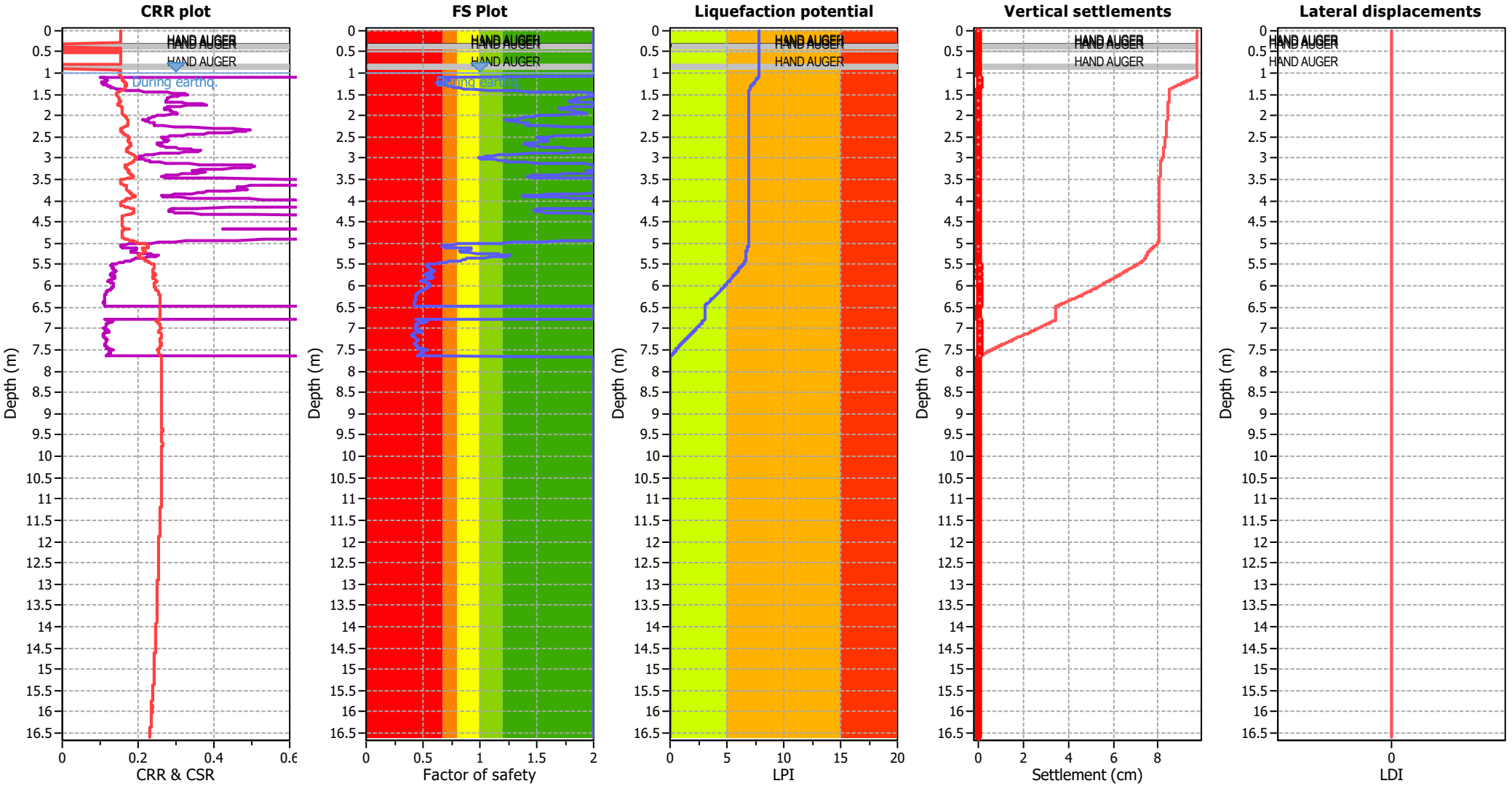
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

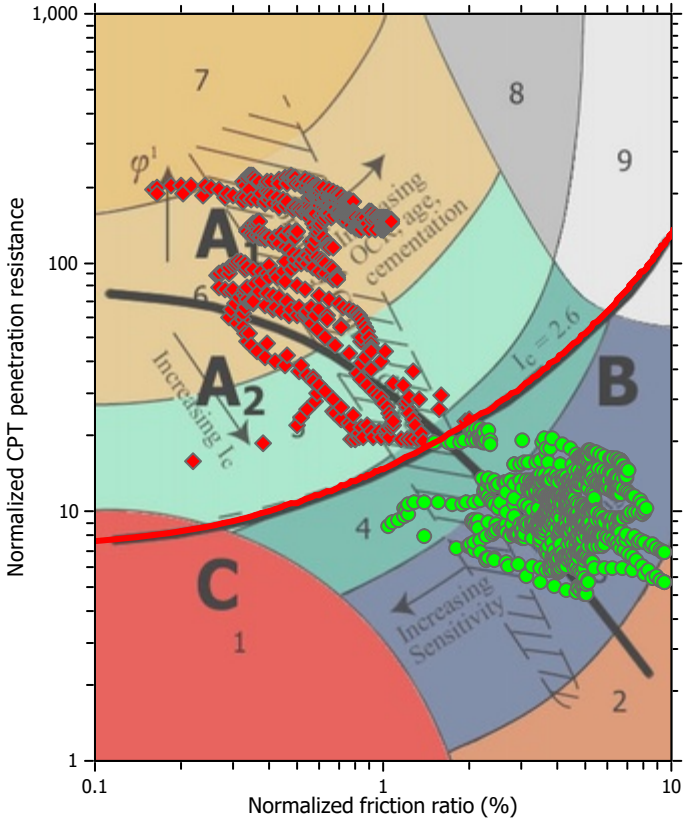
F.S. color scheme

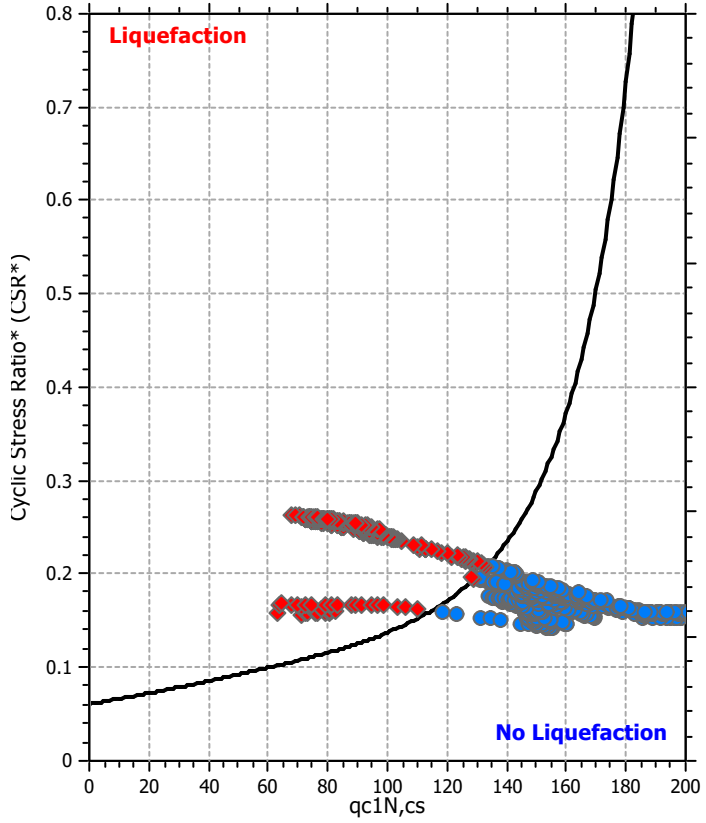
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

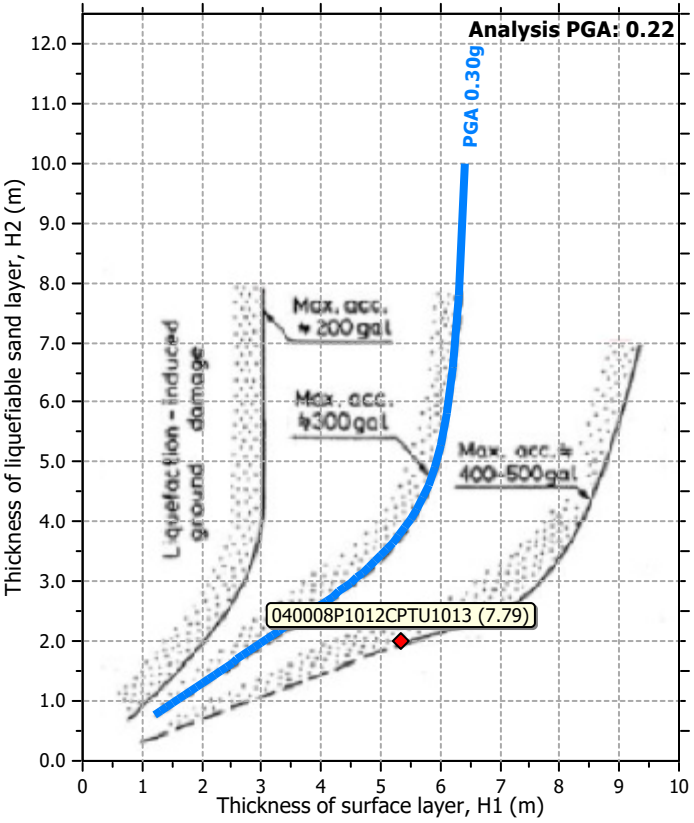
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



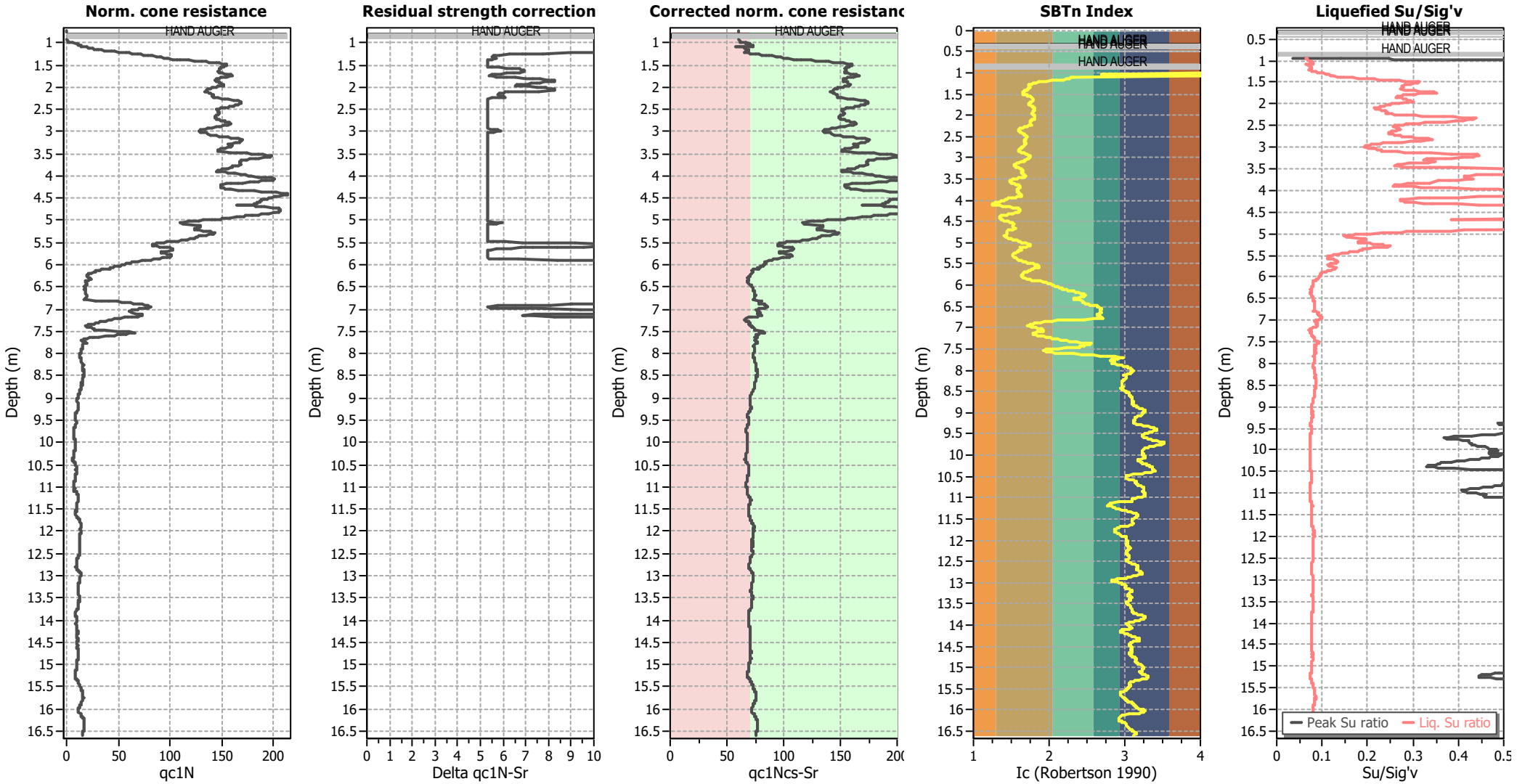




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.00	0.00	0.32	2.00	0.00	0.00	0.00	0.00
0.33	2.00	0.00	0.00	0.00	0.00	0.34	2.00	0.00	0.00	0.00	0.00
0.35	2.00	0.00	0.00	0.00	0.00	0.36	2.00	0.00	0.00	0.00	0.00
0.37	2.00	0.00	0.00	0.00	0.00	0.38	2.00	0.00	0.00	0.00	0.00
0.39	2.00	0.00	0.00	0.00	0.00	0.40	2.00	0.00	0.00	0.00	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.00	0.00	0.44	2.00	0.00	0.00	0.00	0.00
0.45	2.00	0.00	0.00	0.00	0.00	0.46	2.00	0.00	0.00	0.00	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.00	0.00
0.51	2.00	0.00	0.00	0.00	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.00	0.00
0.81	2.00	0.00	0.00	0.00	0.00	0.82	2.00	0.00	0.00	0.00	0.00
0.83	2.00	0.00	0.00	0.00	0.00	0.84	2.00	0.00	0.00	0.00	0.00
0.85	2.00	0.00	0.00	0.00	0.00	0.86	2.00	0.00	0.00	0.00	0.00
0.87	2.00	0.00	0.00	0.00	0.00	0.88	2.00	0.00	0.00	0.00	0.00
0.89	2.00	0.00	0.00	0.00	0.00	0.90	2.00	0.00	0.00	0.00	0.00
0.91	2.00	0.00	0.00	0.00	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	2.00	0.00	0.00	0.01	0.00
1.07	2.00	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	0.65	0.35	0.74	0.01	0.03	1.10	0.69	0.31	0.89	0.01	0.03
1.11	0.70	0.30	0.90	0.01	0.03	1.12	0.70	0.30	0.91	0.01	0.03
1.13	0.71	0.29	0.97	0.01	0.03	1.14	0.71	0.29	0.97	0.01	0.03
1.15	0.72	0.28	1.03	0.01	0.03	1.16	0.73	0.27	1.06	0.01	0.03
1.17	0.73	0.27	1.07	0.01	0.03	1.18	0.72	0.28	1.04	0.01	0.03
1.19	0.73	0.27	1.09	0.01	0.03	1.20	0.70	0.30	0.92	0.01	0.03
1.21	0.66	0.34	0.77	0.01	0.03	1.22	0.63	0.37	0.71	0.01	0.03
1.23	0.61	0.39	0.66	0.01	0.04	1.24	0.61	0.39	0.66	0.01	0.04
1.25	0.64	0.36	0.72	0.01	0.03	1.26	0.65	0.35	0.75	0.01	0.03
1.27	0.66	0.34	0.79	0.01	0.03	1.28	0.69	0.31	0.88	0.01	0.03
1.29	0.70	0.30	0.92	0.01	0.03	1.30	0.71	0.29	0.97	0.01	0.03
1.31	0.74	0.26	1.12	0.01	0.02	1.32	0.75	0.25	1.20	0.01	0.02
1.33	0.76	0.24	1.29	0.01	0.02	1.34	0.79	0.21	1.53	0.01	0.02
1.35	0.80	0.20	1.70	0.01	0.02	1.36	0.82	0.18	1.92	0.01	0.02
1.37	0.86	0.00	0.00	0.01	0.01	1.38	0.89	0.00	0.00	0.01	0.01
1.39	0.94	0.00	0.00	0.01	0.01	1.40	1.07	0.00	0.00	0.01	0.00
1.41	1.15	0.00	0.00	0.01	0.00	1.42	1.32	0.00	0.00	0.01	0.00
1.43	1.42	0.00	0.00	0.01	0.00	1.44	1.52	0.00	0.00	0.01	0.00
1.45	1.77	0.00	0.00	0.01	0.00	1.46	1.90	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	1.95	0.00	0.00	0.01	0.00
1.57	1.91	0.00	0.00	0.01	0.00	1.58	1.85	0.00	0.00	0.01	0.00
1.59	1.86	0.00	0.00	0.01	0.00	1.60	1.85	0.00	0.00	0.01	0.00
1.61	1.86	0.00	0.00	0.01	0.00	1.62	1.84	0.00	0.00	0.01	0.00
1.63	1.83	0.00	0.00	0.01	0.00	1.64	1.81	0.00	0.00	0.01	0.00
1.65	1.79	0.00	0.00	0.01	0.00	1.66	1.78	0.00	0.00	0.01	0.00
1.67	1.79	0.00	0.00	0.01	0.00	1.68	1.87	0.00	0.00	0.01	0.00
1.69	1.92	0.00	0.00	0.01	0.00	1.70	2.00	0.00	0.00	0.01	0.00
1.71	2.00	0.00	0.00	0.01	0.00	1.72	2.00	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	2.00	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	1.85	0.00	0.00	0.01	0.00	1.80	1.78	0.00	0.00	0.01	0.00
1.81	1.75	0.00	0.00	0.01	0.00	1.82	1.69	0.00	0.00	0.01	0.00
1.83	1.69	0.00	0.00	0.01	0.00	1.84	1.69	0.00	0.00	0.01	0.00
1.85	1.71	0.00	0.00	0.01	0.00	1.86	1.72	0.00	0.00	0.01	0.00
1.87	1.80	0.00	0.00	0.01	0.00	1.88	1.81	0.00	0.00	0.01	0.00
1.89	1.84	0.00	0.00	0.01	0.00	1.90	1.83	0.00	0.00	0.01	0.00
1.91	1.84	0.00	0.00	0.01	0.00	1.92	1.84	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.89	0.00	0.00	0.01	0.00	1.94	1.91	0.00	0.00	0.01	0.00
1.95	1.93	0.00	0.00	0.01	0.00	1.96	1.90	0.00	0.00	0.01	0.00
1.97	1.84	0.00	0.00	0.01	0.00	1.98	1.66	0.00	0.00	0.01	0.00
1.99	1.60	0.00	0.00	0.01	0.00	2.00	1.53	0.00	0.00	0.01	0.00
2.01	1.51	0.00	0.00	0.01	0.00	2.02	1.46	0.00	0.00	0.01	0.00
2.03	1.43	0.00	0.00	0.01	0.00	2.04	1.41	0.00	0.00	0.01	0.00
2.05	1.36	0.00	0.00	0.01	0.00	2.06	1.34	0.00	0.00	0.01	0.00
2.07	1.34	0.00	0.00	0.01	0.00	2.08	1.33	0.00	0.00	0.01	0.00
2.09	1.29	0.00	0.00	0.01	0.00	2.10	1.22	0.00	0.00	0.01	0.00
2.11	1.24	0.00	0.00	0.01	0.00	2.12	1.25	0.00	0.00	0.01	0.00
2.13	1.30	0.00	0.00	0.01	0.00	2.14	1.32	0.00	0.00	0.01	0.00
2.15	1.35	0.00	0.00	0.01	0.00	2.16	1.39	0.00	0.00	0.01	0.00
2.17	1.40	0.00	0.00	0.01	0.00	2.18	1.42	0.00	0.00	0.01	0.00
2.19	1.42	0.00	0.00	0.01	0.00	2.20	1.41	0.00	0.00	0.01	0.00
2.21	1.40	0.00	0.00	0.01	0.00	2.22	1.40	0.00	0.00	0.01	0.00
2.23	1.44	0.00	0.00	0.01	0.00	2.24	1.49	0.00	0.00	0.01	0.00
2.25	1.56	0.00	0.00	0.01	0.00	2.26	1.78	0.00	0.00	0.01	0.00
2.27	1.94	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	1.99	0.00	0.00	0.01	0.00	2.46	1.90	0.00	0.00	0.01	0.00
2.47	1.74	0.00	0.00	0.01	0.00	2.48	1.67	0.00	0.00	0.01	0.00
2.49	1.60	0.00	0.00	0.01	0.00	2.50	1.51	0.00	0.00	0.01	0.00
2.51	1.50	0.00	0.00	0.01	0.00	2.52	1.50	0.00	0.00	0.01	0.00
2.53	1.52	0.00	0.00	0.01	0.00	2.54	1.52	0.00	0.00	0.01	0.00
2.55	1.53	0.00	0.00	0.01	0.00	2.56	1.55	0.00	0.00	0.01	0.00
2.57	1.57	0.00	0.00	0.01	0.00	2.58	1.58	0.00	0.00	0.01	0.00
2.59	1.60	0.00	0.00	0.01	0.00	2.60	1.60	0.00	0.00	0.01	0.00
2.61	1.57	0.00	0.00	0.01	0.00	2.62	1.53	0.00	0.00	0.01	0.00
2.63	1.47	0.00	0.00	0.01	0.00	2.64	1.44	0.00	0.00	0.01	0.00
2.65	1.42	0.00	0.00	0.01	0.00	2.66	1.40	0.00	0.00	0.01	0.00
2.67	1.39	0.00	0.00	0.01	0.00	2.68	1.39	0.00	0.00	0.01	0.00
2.69	1.41	0.00	0.00	0.01	0.00	2.70	1.44	0.00	0.00	0.01	0.00
2.71	1.46	0.00	0.00	0.01	0.00	2.72	1.48	0.00	0.00	0.01	0.00
2.73	1.55	0.00	0.00	0.01	0.00	2.74	1.57	0.00	0.00	0.01	0.00
2.75	1.61	0.00	0.00	0.01	0.00	2.76	1.72	0.00	0.00	0.01	0.00
2.77	1.78	0.00	0.00	0.01	0.00	2.78	1.84	0.00	0.00	0.01	0.00
2.79	1.98	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	2.00	0.00	0.00	0.01	0.00
2.85	1.95	0.00	0.00	0.01	0.00	2.86	1.86	0.00	0.00	0.01	0.00
2.87	1.75	0.00	0.00	0.01	0.00	2.88	1.58	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.51	0.00	0.00	0.01	0.00	2.90	1.42	0.00	0.00	0.01	0.00
2.91	1.28	0.00	0.00	0.01	0.00	2.92	1.22	0.00	0.00	0.01	0.00
2.93	1.17	0.00	0.00	0.01	0.00	2.94	1.10	0.00	0.00	0.01	0.00
2.95	1.07	0.00	0.00	0.01	0.00	2.96	1.06	0.00	0.00	0.01	0.00
2.97	1.02	0.00	0.00	0.01	0.00	2.98	1.01	0.00	0.00	0.01	0.00
2.99	0.99	0.00	0.00	0.01	0.00	3.00	0.98	0.00	0.00	0.01	0.00
3.01	1.01	0.00	0.00	0.01	0.00	3.02	1.04	0.00	0.00	0.01	0.00
3.03	1.13	0.00	0.00	0.01	0.00	3.04	1.16	0.00	0.00	0.01	0.00
3.05	1.17	0.00	0.00	0.01	0.00	3.06	1.17	0.00	0.00	0.01	0.00
3.07	1.23	0.00	0.00	0.01	0.00	3.08	1.23	0.00	0.00	0.01	0.00
3.09	1.23	0.00	0.00	0.01	0.00	3.10	1.39	0.00	0.00	0.01	0.00
3.11	1.49	0.00	0.00	0.01	0.00	3.12	1.60	0.00	0.00	0.01	0.00
3.13	1.91	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	1.93	0.00	0.00	0.01	0.00	3.30	1.96	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	1.92	0.00	0.00	0.01	0.00
3.37	1.74	0.00	0.00	0.01	0.00	3.38	1.66	0.00	0.00	0.01	0.00
3.39	1.54	0.00	0.00	0.01	0.00	3.40	1.50	0.00	0.00	0.01	0.00
3.41	1.47	0.00	0.00	0.01	0.00	3.42	1.42	0.00	0.00	0.01	0.00
3.43	1.41	0.00	0.00	0.01	0.00	3.44	1.41	0.00	0.00	0.01	0.00
3.45	1.46	0.00	0.00	0.01	0.00	3.46	1.55	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	2.00	0.00	0.00	0.01	0.00	3.62	2.00	0.00	0.00	0.01	0.00
3.63	2.00	0.00	0.00	0.01	0.00	3.64	2.00	0.00	0.00	0.01	0.00
3.65	2.00	0.00	0.00	0.01	0.00	3.66	2.00	0.00	0.00	0.01	0.00
3.67	2.00	0.00	0.00	0.01	0.00	3.68	2.00	0.00	0.00	0.01	0.00
3.69	2.00	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	1.90	0.00	0.00	0.01	0.00	3.84	1.78	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	1.60	0.00	0.00	0.01	0.00	3.86	1.52	0.00	0.00	0.01	0.00
3.87	1.42	0.00	0.00	0.01	0.00	3.88	1.40	0.00	0.00	0.01	0.00
3.89	1.37	0.00	0.00	0.01	0.00	3.90	1.39	0.00	0.00	0.01	0.00
3.91	1.45	0.00	0.00	0.01	0.00	3.92	1.70	0.00	0.00	0.01	0.00
3.93	1.84	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	2.00	0.00	0.00	0.01	0.00
4.03	2.00	0.00	0.00	0.01	0.00	4.04	2.00	0.00	0.00	0.01	0.00
4.05	2.00	0.00	0.00	0.01	0.00	4.06	2.00	0.00	0.00	0.01	0.00
4.07	2.00	0.00	0.00	0.01	0.00	4.08	2.00	0.00	0.00	0.01	0.00
4.09	2.00	0.00	0.00	0.01	0.00	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	2.00	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	1.97	0.00	0.00	0.01	0.00	4.18	1.78	0.00	0.00	0.01	0.00
4.19	1.57	0.00	0.00	0.01	0.00	4.20	1.52	0.00	0.00	0.01	0.00
4.21	1.48	0.00	0.00	0.01	0.00	4.22	1.48	0.00	0.00	0.01	0.00
4.23	1.47	0.00	0.00	0.01	0.00	4.24	1.49	0.00	0.00	0.01	0.00
4.25	1.51	0.00	0.00	0.01	0.00	4.26	1.54	0.00	0.00	0.01	0.00
4.27	1.57	0.00	0.00	0.01	0.00	4.28	1.65	0.00	0.00	0.01	0.00
4.29	1.69	0.00	0.00	0.01	0.00	4.30	1.87	0.00	0.00	0.01	0.00
4.31	2.00	0.00	0.00	0.01	0.00	4.32	2.00	0.00	0.00	0.01	0.00
4.33	2.00	0.00	0.00	0.01	0.00	4.34	2.00	0.00	0.00	0.01	0.00
4.35	2.00	0.00	0.00	0.01	0.00	4.36	2.00	0.00	0.00	0.01	0.00
4.37	2.00	0.00	0.00	0.01	0.00	4.38	2.00	0.00	0.00	0.01	0.00
4.39	2.00	0.00	0.00	0.01	0.00	4.40	2.00	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	2.00	0.00	0.00	0.01	0.00
4.43	2.00	0.00	0.00	0.01	0.00	4.44	2.00	0.00	0.00	0.01	0.00
4.45	2.00	0.00	0.00	0.01	0.00	4.46	2.00	0.00	0.00	0.01	0.00
4.47	2.00	0.00	0.00	0.01	0.00	4.48	2.00	0.00	0.00	0.01	0.00
4.49	2.00	0.00	0.00	0.01	0.00	4.50	2.00	0.00	0.00	0.01	0.00
4.51	2.00	0.00	0.00	0.01	0.00	4.52	2.00	0.00	0.00	0.01	0.00
4.53	2.00	0.00	0.00	0.01	0.00	4.54	2.00	0.00	0.00	0.01	0.00
4.55	2.00	0.00	0.00	0.01	0.00	4.56	2.00	0.00	0.00	0.01	0.00
4.57	2.00	0.00	0.00	0.01	0.00	4.58	2.00	0.00	0.00	0.01	0.00
4.59	2.00	0.00	0.00	0.01	0.00	4.60	2.00	0.00	0.00	0.01	0.00
4.61	2.00	0.00	0.00	0.01	0.00	4.62	2.00	0.00	0.00	0.01	0.00
4.63	2.00	0.00	0.00	0.01	0.00	4.64	2.00	0.00	0.00	0.01	0.00
4.65	2.00	0.00	0.00	0.01	0.00	4.66	2.00	0.00	0.00	0.01	0.00
4.67	2.00	0.00	0.00	0.01	0.00	4.68	2.00	0.00	0.00	0.01	0.00
4.69	2.00	0.00	0.00	0.01	0.00	4.70	2.00	0.00	0.00	0.01	0.00
4.71	2.00	0.00	0.00	0.01	0.00	4.72	2.00	0.00	0.00	0.01	0.00
4.73	2.00	0.00	0.00	0.01	0.00	4.74	2.00	0.00	0.00	0.01	0.00
4.75	2.00	0.00	0.00	0.01	0.00	4.76	2.00	0.00	0.00	0.01	0.00
4.77	2.00	0.00	0.00	0.01	0.00	4.78	2.00	0.00	0.00	0.01	0.00
4.79	2.00	0.00	0.00	0.01	0.00	4.80	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	2.00	0.00	0.00	0.01	0.00	4.82	2.00	0.00	0.00	0.01	0.00
4.83	2.00	0.00	0.00	0.01	0.00	4.84	2.00	0.00	0.00	0.01	0.00
4.85	2.00	0.00	0.00	0.01	0.00	4.86	2.00	0.00	0.00	0.01	0.00
4.87	2.00	0.00	0.00	0.01	0.00	4.88	2.00	0.00	0.00	0.01	0.00
4.89	2.00	0.00	0.00	0.01	0.00	4.90	2.00	0.00	0.00	0.01	0.00
4.91	2.00	0.00	0.00	0.01	0.00	4.92	2.00	0.00	0.00	0.01	0.00
4.93	2.00	0.00	0.00	0.01	0.00	4.94	1.90	0.00	0.00	0.01	0.00
4.95	1.74	0.00	0.00	0.01	0.00	4.96	1.54	0.00	0.00	0.01	0.00
4.97	1.46	0.00	0.00	0.01	0.00	4.98	1.28	0.00	0.00	0.01	0.00
4.99	1.18	0.00	0.00	0.01	0.00	5.00	0.99	0.00	0.00	0.01	0.00
5.01	0.91	0.00	0.00	0.01	0.01	5.02	0.80	0.20	1.68	0.01	0.01
5.03	0.75	0.25	1.20	0.01	0.02	5.04	0.69	0.31	0.89	0.01	0.02
5.05	0.67	0.33	0.82	0.01	0.02	5.06	0.67	0.33	0.81	0.01	0.02
5.07	0.70	0.30	0.90	0.01	0.02	5.08	0.70	0.30	0.90	0.01	0.02
5.09	0.69	0.31	0.90	0.01	0.02	5.10	0.87	0.00	0.00	0.01	0.01
5.11	0.91	0.00	0.00	0.01	0.01	5.12	0.92	0.00	0.00	0.01	0.01
5.13	0.92	0.00	0.00	0.01	0.01	5.14	0.92	0.00	0.00	0.01	0.01
5.15	0.91	0.00	0.00	0.01	0.01	5.16	0.89	0.00	0.00	0.01	0.01
5.17	0.85	0.00	0.00	0.01	0.01	5.18	0.84	0.16	2.42	0.01	0.01
5.19	0.83	0.17	2.07	0.01	0.01	5.20	0.83	0.17	2.19	0.01	0.01
5.21	0.87	0.00	0.00	0.01	0.01	5.22	0.90	0.00	0.00	0.01	0.01
5.23	0.98	0.00	0.00	0.01	0.00	5.24	1.02	0.00	0.00	0.01	0.00
5.25	1.09	0.00	0.00	0.01	0.00	5.26	1.16	0.00	0.00	0.01	0.00
5.27	1.19	0.00	0.00	0.01	0.00	5.28	1.25	0.00	0.00	0.01	0.00
5.29	1.26	0.00	0.00	0.01	0.00	5.30	1.23	0.00	0.00	0.01	0.00
5.31	1.19	0.00	0.00	0.01	0.00	5.32	1.10	0.00	0.00	0.01	0.00
5.33	1.04	0.00	0.00	0.01	0.00	5.34	0.95	0.00	0.00	0.01	0.00
5.35	0.93	0.00	0.00	0.01	0.01	5.36	0.89	0.00	0.00	0.01	0.01
5.37	0.87	0.00	0.00	0.01	0.01	5.38	0.86	0.00	0.00	0.01	0.01
5.39	0.85	0.15	2.58	0.01	0.01	5.40	0.83	0.17	2.12	0.01	0.01
5.41	0.81	0.19	1.85	0.01	0.01	5.42	0.77	0.23	1.38	0.01	0.02
5.43	0.73	0.27	1.07	0.01	0.02	5.44	0.71	0.29	0.97	0.01	0.02
5.45	0.67	0.33	0.81	0.01	0.02	5.46	0.65	0.35	0.75	0.01	0.03
5.47	0.61	0.39	0.65	0.01	0.03	5.48	0.59	0.41	0.61	0.01	0.03
5.49	0.55	0.45	0.55	0.01	0.03	5.50	0.54	0.46	0.53	0.01	0.03
5.51	0.54	0.46	0.52	0.01	0.03	5.52	0.53	0.47	0.51	0.01	0.03
5.53	0.54	0.46	0.53	0.01	0.03	5.54	0.54	0.46	0.53	0.01	0.03
5.55	0.55	0.45	0.55	0.01	0.03	5.56	0.55	0.45	0.55	0.01	0.03
5.57	0.55	0.45	0.55	0.01	0.03	5.58	0.56	0.44	0.55	0.01	0.03
5.59	0.55	0.45	0.54	0.01	0.03	5.60	0.56	0.44	0.56	0.01	0.03
5.61	0.56	0.44	0.57	0.01	0.03	5.62	0.58	0.42	0.59	0.01	0.03
5.63	0.58	0.42	0.60	0.01	0.03	5.64	0.60	0.40	0.62	0.01	0.03
5.65	0.60	0.40	0.63	0.01	0.03	5.66	0.59	0.41	0.62	0.01	0.03
5.67	0.59	0.41	0.61	0.01	0.03	5.68	0.58	0.42	0.60	0.01	0.03
5.69	0.56	0.44	0.55	0.01	0.03	5.70	0.54	0.46	0.53	0.01	0.03
5.71	0.52	0.48	0.51	0.01	0.03	5.72	0.52	0.48	0.50	0.01	0.03
5.73	0.52	0.48	0.50	0.01	0.03	5.74	0.52	0.48	0.50	0.01	0.03
5.75	0.54	0.46	0.53	0.01	0.03	5.76	0.55	0.45	0.55	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.57	0.43	0.58	0.01	0.03	5.78	0.58	0.42	0.60	0.01	0.03
5.79	0.59	0.41	0.61	0.01	0.03	5.80	0.58	0.42	0.60	0.01	0.03
5.81	0.58	0.42	0.59	0.01	0.03	5.82	0.57	0.43	0.57	0.01	0.03
5.83	0.56	0.44	0.55	0.01	0.03	5.84	0.54	0.46	0.53	0.01	0.03
5.85	0.53	0.47	0.51	0.01	0.03	5.86	0.51	0.49	0.49	0.01	0.03
5.87	0.50	0.50	0.48	0.01	0.04	5.88	0.48	0.52	0.46	0.01	0.04
5.89	0.48	0.52	0.46	0.01	0.04	5.90	0.48	0.52	0.46	0.01	0.04
5.91	0.51	0.49	0.49	0.01	0.03	5.92	0.52	0.48	0.50	0.01	0.03
5.93	0.55	0.45	0.54	0.01	0.03	5.94	0.55	0.45	0.54	0.01	0.03
5.95	0.56	0.44	0.55	0.01	0.03	5.96	0.56	0.44	0.56	0.01	0.03
5.97	0.56	0.44	0.56	0.01	0.03	5.98	0.56	0.44	0.57	0.01	0.03
5.99	0.56	0.44	0.56	0.01	0.03	6.00	0.56	0.44	0.56	0.01	0.03
6.01	0.55	0.45	0.55	0.01	0.03	6.02	0.55	0.45	0.55	0.01	0.03
6.03	0.55	0.45	0.54	0.01	0.03	6.04	0.53	0.47	0.52	0.01	0.03
6.05	0.53	0.47	0.52	0.01	0.03	6.06	0.52	0.48	0.50	0.01	0.03
6.07	0.51	0.49	0.49	0.01	0.03	6.08	0.51	0.49	0.50	0.01	0.03
6.09	0.52	0.48	0.50	0.01	0.03	6.10	0.48	0.52	0.46	0.01	0.04
6.11	0.48	0.52	0.46	0.01	0.04	6.12	0.47	0.53	0.45	0.01	0.04
6.13	0.47	0.53	0.45	0.01	0.04	6.14	0.46	0.54	0.44	0.01	0.04
6.15	0.46	0.54	0.44	0.01	0.04	6.16	0.46	0.54	0.44	0.01	0.04
6.17	0.46	0.54	0.43	0.01	0.04	6.18	0.45	0.55	0.43	0.01	0.04
6.19	0.45	0.55	0.43	0.01	0.04	6.20	0.44	0.56	0.42	0.01	0.04
6.21	0.44	0.56	0.42	0.01	0.04	6.22	0.44	0.56	0.42	0.01	0.04
6.23	0.43	0.57	0.41	0.01	0.04	6.24	0.43	0.57	0.41	0.01	0.04
6.25	0.43	0.57	0.41	0.01	0.04	6.26	0.43	0.57	0.41	0.01	0.04
6.27	0.43	0.57	0.41	0.01	0.04	6.28	0.43	0.57	0.41	0.01	0.04
6.29	0.43	0.57	0.41	0.01	0.04	6.30	0.44	0.56	0.41	0.01	0.04
6.31	0.44	0.56	0.42	0.01	0.04	6.32	0.44	0.56	0.42	0.01	0.04
6.33	0.44	0.56	0.42	0.01	0.04	6.34	0.44	0.56	0.41	0.01	0.04
6.35	0.43	0.57	0.41	0.01	0.04	6.36	0.43	0.57	0.41	0.01	0.04
6.37	0.42	0.58	0.40	0.01	0.04	6.38	0.42	0.58	0.40	0.01	0.04
6.39	0.42	0.58	0.40	0.01	0.04	6.40	0.42	0.58	0.40	0.01	0.04
6.41	0.43	0.57	0.41	0.01	0.04	6.42	0.43	0.57	0.41	0.01	0.04
6.43	0.43	0.57	0.41	0.01	0.04	6.44	0.43	0.57	0.41	0.01	0.04
6.45	0.43	0.57	0.41	0.01	0.04	6.46	0.43	0.57	0.41	0.01	0.04
6.47	0.43	0.57	0.41	0.01	0.04	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	2.00	0.00	0.00	0.01	0.00
6.57	2.00	0.00	0.00	0.01	0.00	6.58	2.00	0.00	0.00	0.01	0.00
6.59	2.00	0.00	0.00	0.01	0.00	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	0.43	0.57	0.41	0.01	0.04	6.80	0.48	0.52	0.45	0.01	0.03
6.81	0.49	0.51	0.47	0.01	0.03	6.82	0.51	0.49	0.49	0.01	0.03
6.83	0.54	0.46	0.53	0.01	0.03	6.84	0.52	0.48	0.51	0.01	0.03
6.85	0.51	0.49	0.49	0.01	0.03	6.86	0.50	0.50	0.48	0.01	0.03
6.87	0.46	0.54	0.44	0.01	0.04	6.88	0.45	0.55	0.43	0.01	0.04
6.89	0.44	0.56	0.42	0.01	0.04	6.90	0.44	0.56	0.42	0.01	0.04
6.91	0.44	0.56	0.42	0.01	0.04	6.92	0.44	0.56	0.42	0.01	0.04
6.93	0.44	0.56	0.42	0.01	0.04	6.94	0.45	0.55	0.43	0.01	0.04
6.95	0.45	0.55	0.43	0.01	0.04	6.96	0.45	0.55	0.43	0.01	0.04
6.97	0.44	0.56	0.42	0.01	0.04	6.98	0.43	0.57	0.41	0.01	0.04
6.99	0.42	0.58	0.40	0.01	0.04	7.00	0.42	0.58	0.40	0.01	0.04
7.01	0.44	0.56	0.41	0.01	0.04	7.02	0.44	0.56	0.42	0.01	0.04
7.03	0.46	0.54	0.43	0.01	0.04	7.04	0.47	0.53	0.44	0.01	0.03
7.05	0.48	0.52	0.45	0.01	0.03	7.06	0.48	0.52	0.46	0.01	0.03
7.07	0.49	0.51	0.47	0.01	0.03	7.08	0.48	0.52	0.46	0.01	0.03
7.09	0.45	0.55	0.43	0.01	0.04	7.10	0.44	0.56	0.42	0.01	0.04
7.11	0.41	0.59	0.40	0.01	0.04	7.12	0.42	0.58	0.40	0.01	0.04
7.13	0.42	0.58	0.40	0.01	0.04	7.14	0.42	0.58	0.40	0.01	0.04
7.15	0.42	0.58	0.40	0.01	0.04	7.16	0.41	0.59	0.39	0.01	0.04
7.17	0.40	0.60	0.39	0.01	0.04	7.18	0.41	0.59	0.39	0.01	0.04
7.19	0.41	0.59	0.40	0.01	0.04	7.20	0.41	0.59	0.40	0.01	0.04
7.21	0.42	0.58	0.40	0.01	0.04	7.22	0.43	0.57	0.41	0.01	0.04
7.23	0.43	0.57	0.41	0.01	0.04	7.24	0.44	0.56	0.42	0.01	0.04
7.25	0.45	0.55	0.43	0.01	0.04	7.26	0.45	0.55	0.43	0.01	0.04
7.27	0.46	0.54	0.43	0.01	0.03	7.28	0.45	0.55	0.43	0.01	0.03
7.29	0.45	0.55	0.43	0.01	0.03	7.30	0.45	0.55	0.43	0.01	0.03
7.31	0.45	0.55	0.43	0.01	0.03	7.32	0.44	0.56	0.42	0.01	0.04
7.33	0.44	0.56	0.42	0.01	0.04	7.34	0.44	0.56	0.42	0.01	0.04
7.35	0.43	0.57	0.41	0.01	0.04	7.36	0.43	0.57	0.41	0.01	0.04
7.37	0.42	0.58	0.40	0.01	0.04	7.38	0.42	0.58	0.41	0.01	0.04
7.39	0.43	0.57	0.41	0.01	0.04	7.40	0.43	0.57	0.41	0.01	0.04
7.41	0.44	0.56	0.42	0.01	0.04	7.42	0.45	0.55	0.42	0.01	0.03
7.43	0.45	0.55	0.43	0.01	0.03	7.44	0.46	0.54	0.43	0.01	0.03
7.45	0.46	0.54	0.43	0.01	0.03	7.46	0.45	0.55	0.43	0.01	0.03
7.47	0.47	0.53	0.45	0.01	0.03	7.48	0.48	0.52	0.46	0.01	0.03
7.49	0.54	0.46	0.53	0.01	0.03	7.50	0.52	0.48	0.51	0.01	0.03
7.51	0.51	0.49	0.49	0.01	0.03	7.52	0.51	0.49	0.49	0.01	0.03
7.53	0.49	0.51	0.47	0.01	0.03	7.54	0.48	0.52	0.46	0.01	0.03
7.55	0.48	0.52	0.46	0.01	0.03	7.56	0.49	0.51	0.47	0.01	0.03
7.57	0.49	0.51	0.47	0.01	0.03	7.58	0.49	0.51	0.47	0.01	0.03
7.59	0.50	0.50	0.48	0.01	0.03	7.60	0.49	0.51	0.47	0.01	0.03
7.61	0.49	0.51	0.47	0.01	0.03	7.62	0.47	0.53	0.44	0.01	0.03
7.63	0.46	0.54	0.44	0.01	0.03	7.64	0.45	0.55	0.43	0.01	0.03
7.65	0.45	0.55	0.42	0.01	0.03	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.07	2.00	0.00	0.00	0.01	0.00	16.08	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.01	0.00	16.10	2.00	0.00	0.00	0.01	0.00
16.11	2.00	0.00	0.00	0.01	0.00	16.12	2.00	0.00	0.00	0.01	0.00
16.13	2.00	0.00	0.00	0.01	0.00	16.14	2.00	0.00	0.00	0.01	0.00
16.15	2.00	0.00	0.00	0.01	0.00	16.16	2.00	0.00	0.00	0.01	0.00
16.17	2.00	0.00	0.00	0.01	0.00	16.18	2.00	0.00	0.00	0.01	0.00
16.19	2.00	0.00	0.00	0.01	0.00	16.20	2.00	0.00	0.00	0.01	0.00
16.21	2.00	0.00	0.00	0.01	0.00	16.22	2.00	0.00	0.00	0.01	0.00
16.23	2.00	0.00	0.00	0.01	0.00	16.24	2.00	0.00	0.00	0.01	0.00
16.25	2.00	0.00	0.00	0.01	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.27	2.00	0.00	0.00	0.01	0.00	16.28	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.01	0.00	16.30	2.00	0.00	0.00	0.01	0.00
16.31	2.00	0.00	0.00	0.01	0.00	16.32	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.33	2.00	0.00	0.00	0.01	0.00	16.34	2.00	0.00	0.00	0.01	0.00
16.35	2.00	0.00	0.00	0.01	0.00	16.36	2.00	0.00	0.00	0.01	0.00
16.37	2.00	0.00	0.00	0.01	0.00	16.38	2.00	0.00	0.00	0.01	0.00
16.39	2.00	0.00	0.00	0.01	0.00	16.40	2.00	0.00	0.00	0.01	0.00
16.41	2.00	0.00	0.00	0.01	0.00	16.42	2.00	0.00	0.00	0.01	0.00
16.43	2.00	0.00	0.00	0.01	0.00	16.44	2.00	0.00	0.00	0.01	0.00
16.45	2.00	0.00	0.00	0.01	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.47	2.00	0.00	0.00	0.01	0.00	16.48	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.01	0.00	16.50	2.00	0.00	0.00	0.01	0.00
16.51	2.00	0.00	0.00	0.01	0.00	16.52	2.00	0.00	0.00	0.01	0.00
16.53	2.00	0.00	0.00	0.01	0.00	16.54	2.00	0.00	0.00	0.01	0.00
16.55	2.00	0.00	0.00	0.01	0.00	16.56	2.00	0.00	0.00	0.01	0.00
16.57	2.00	0.00	0.00	0.01	0.00	16.58	2.00	0.00	0.00	0.01	0.00
16.59	2.00	0.00	0.00	0.01	0.00	16.60	2.00	0.00	0.00	0.01	0.00

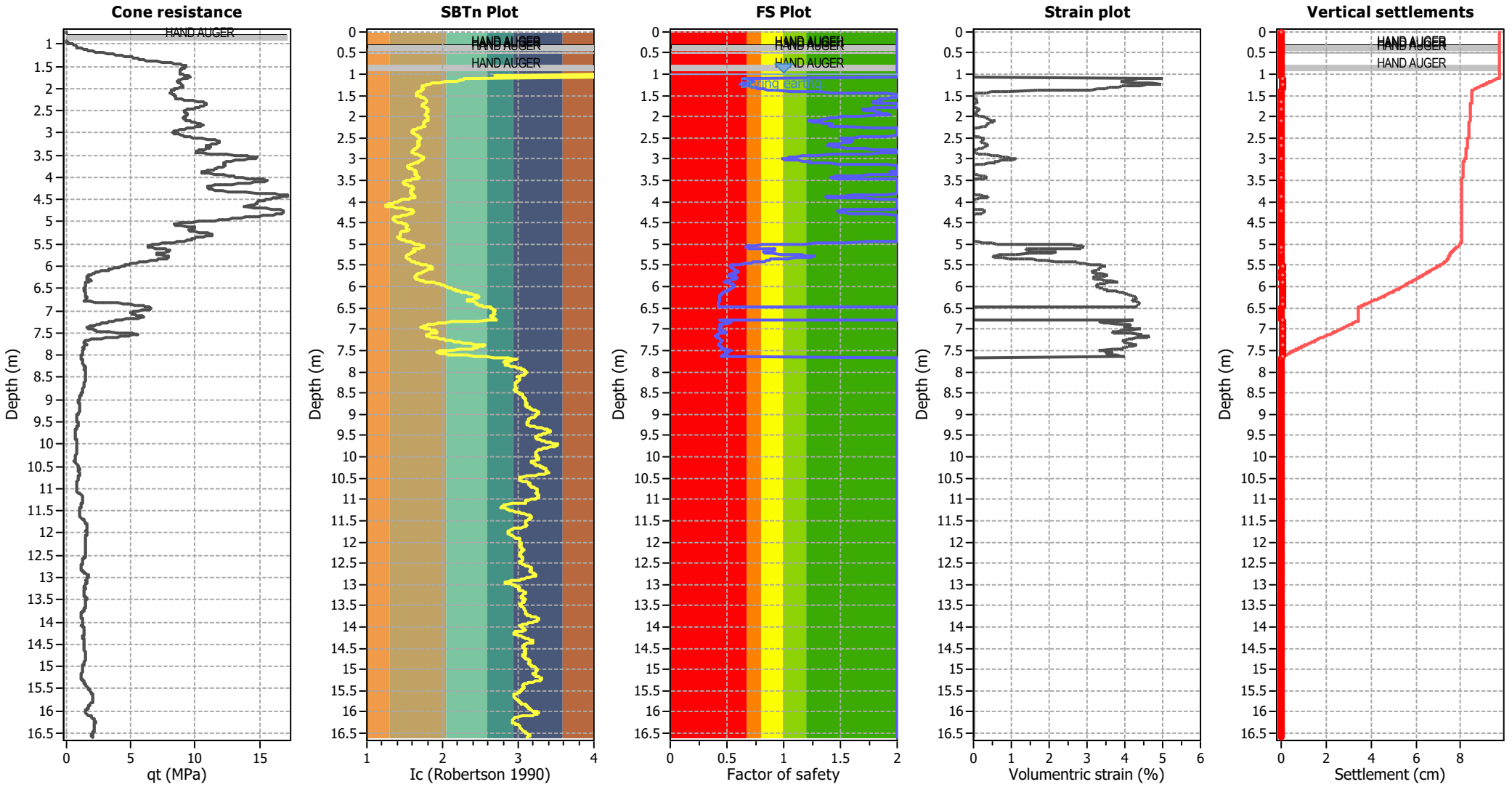
Overall liquefaction potential: 7.79

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	6.21	2.00	0.00	1.00	0.00	1.01	10.07	2.00	0.00	1.00	0.00
1.02	10.74	2.00	0.00	1.00	0.00	1.03	10.91	2.00	0.00	1.00	0.00
1.04	11.58	2.00	0.00	1.00	0.00	1.05	11.91	2.00	0.00	1.00	0.00
1.06	12.58	2.00	0.00	1.00	0.00	1.07	13.42	2.00	0.00	1.00	0.00
1.08	13.42	2.00	0.00	1.00	0.00	1.09	62.91	0.65	5.02	1.00	0.05
1.10	71.43	0.69	4.46	1.00	0.04	1.11	72.52	0.70	4.40	1.00	0.04
1.12	73.38	0.70	4.35	1.00	0.04	1.13	75.99	0.71	4.21	1.00	0.04
1.14	76.65	0.71	4.18	1.00	0.04	1.15	79.06	0.72	4.05	1.00	0.04
1.16	80.30	0.73	3.99	1.00	0.04	1.17	80.88	0.73	3.97	1.00	0.04
1.18	80.46	0.72	3.99	1.00	0.04	1.19	82.24	0.73	3.90	1.00	0.04
1.20	77.58	0.70	4.13	1.00	0.04	1.21	71.02	0.66	4.49	1.00	0.04
1.22	67.62	0.63	4.70	1.00	0.05	1.23	63.85	0.61	4.95	1.00	0.05
1.24	64.33	0.61	4.92	1.00	0.05	1.25	69.55	0.64	4.58	1.00	0.05
1.26	72.17	0.65	4.42	1.00	0.04	1.27	74.66	0.66	4.28	1.00	0.04
1.28	79.53	0.69	4.03	1.00	0.04	1.29	81.54	0.70	3.94	1.00	0.04
1.30	83.55	0.71	3.84	1.00	0.04	1.31	87.75	0.74	3.66	1.00	0.04
1.32	89.59	0.75	3.59	1.00	0.04	1.33	91.44	0.76	3.52	1.00	0.04
1.34	94.79	0.79	3.39	1.00	0.03	1.35	96.64	0.80	3.33	1.00	0.03
1.36	98.49	0.82	3.26	1.00	0.03	1.37	103.18	0.86	3.11	1.00	0.03
1.38	106.37	0.89	2.44	1.00	0.02	1.39	110.23	0.94	1.69	1.00	0.02
1.40	118.95	1.07	0.93	1.00	0.01	1.41	123.48	1.15	0.72	1.00	0.01
1.42	131.37	1.32	0.44	1.00	0.00	1.43	135.06	1.42	0.34	1.00	0.00
1.44	138.25	1.52	0.26	1.00	0.00	1.45	144.96	1.77	0.10	1.00	0.00
1.46	147.81	1.90	0.04	1.00	0.00	1.47	150.50	2.00	0.00	1.00	0.00
1.48	153.68	2.00	0.00	1.00	0.00	1.49	154.86	2.00	0.00	1.00	0.00
1.50	155.53	2.00	0.00	1.00	0.00	1.51	155.03	2.00	0.00	1.00	0.00
1.52	154.69	2.00	0.00	1.00	0.00	1.53	153.35	2.00	0.00	1.00	0.00
1.54	152.34	2.00	0.00	1.00	0.00	1.55	150.66	2.00	0.00	1.00	0.00
1.56	149.83	1.95	0.02	1.00	0.00	1.57	149.00	1.91	0.04	1.00	0.00
1.58	148.06	1.85	0.06	1.00	0.00	1.59	148.20	1.86	0.06	1.00	0.00
1.60	148.11	1.85	0.06	1.00	0.00	1.61	148.36	1.86	0.06	1.00	0.00
1.62	148.21	1.84	0.07	1.00	0.00	1.63	148.07	1.83	0.07	1.00	0.00
1.64	147.72	1.81	0.08	1.00	0.00	1.65	147.39	1.79	0.09	1.00	0.00
1.66	147.17	1.78	0.10	1.00	0.00	1.67	147.53	1.79	0.09	1.00	0.00
1.68	149.25	1.87	0.05	1.00	0.00	1.69	150.34	1.92	0.03	1.00	0.00
1.70	153.69	2.00	0.00	1.00	0.00	1.71	155.36	2.00	0.00	1.00	0.00
1.72	158.55	2.00	0.00	1.00	0.00	1.73	159.89	2.00	0.00	1.00	0.00
1.74	160.73	2.00	0.00	1.00	0.00	1.75	160.56	2.00	0.00	1.00	0.00
1.76	159.39	2.00	0.00	1.00	0.00	1.77	155.19	2.00	0.00	1.00	0.00
1.78	153.03	2.00	0.00	1.00	0.00	1.79	149.63	1.85	0.07	1.00	0.00
1.80	148.43	1.78	0.10	1.00	0.00	1.81	147.89	1.75	0.11	1.00	0.00
1.82	146.61	1.69	0.14	1.00	0.00	1.83	146.64	1.69	0.15	1.00	0.00
1.84	146.61	1.69	0.15	1.00	0.00	1.85	147.11	1.71	0.14	1.00	0.00
1.86	147.57	1.72	0.13	1.00	0.00	1.87	149.18	1.80	0.09	1.00	0.00
1.88	149.56	1.81	0.08	1.00	0.00	1.89	150.23	1.84	0.07	1.00	0.00
1.90	149.99	1.83	0.08	1.00	0.00	1.91	150.35	1.84	0.07	1.00	0.00
1.92	150.47	1.84	0.07	1.00	0.00	1.93	151.38	1.89	0.05	1.00	0.00
1.94	151.80	1.91	0.04	1.00	0.00	1.95	152.35	1.93	0.03	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	151.80	1.90	0.04	1.00	0.00	1.97	150.74	1.84	0.07	1.00	0.00
1.98	146.86	1.66	0.17	1.00	0.00	1.99	145.60	1.60	0.20	1.00	0.00
2.00	143.78	1.53	0.25	1.00	0.00	2.01	143.39	1.51	0.26	1.00	0.00
2.02	142.05	1.46	0.31	1.00	0.00	2.03	141.32	1.43	0.33	1.00	0.00
2.04	140.68	1.41	0.35	1.00	0.00	2.05	139.15	1.36	0.40	1.00	0.00
2.06	138.70	1.34	0.42	1.00	0.00	2.07	138.58	1.34	0.42	1.00	0.00
2.08	138.45	1.33	0.43	1.00	0.00	2.09	136.96	1.29	0.48	1.00	0.00
2.10	134.37	1.22	0.58	1.00	0.01	2.11	135.26	1.24	0.55	1.00	0.01
2.12	135.91	1.25	0.53	1.00	0.01	2.13	137.58	1.30	0.47	1.00	0.00
2.14	138.59	1.32	0.44	1.00	0.00	2.15	139.42	1.35	0.41	1.00	0.00
2.16	140.77	1.39	0.37	1.00	0.00	2.17	141.27	1.40	0.36	1.00	0.00
2.18	141.77	1.42	0.34	1.00	0.00	2.19	141.77	1.42	0.34	1.00	0.00
2.20	141.77	1.41	0.35	1.00	0.00	2.21	141.44	1.40	0.36	1.00	0.00
2.22	141.62	1.40	0.35	1.00	0.00	2.23	142.81	1.44	0.32	1.00	0.00
2.24	144.25	1.49	0.28	1.00	0.00	2.25	145.95	1.56	0.23	1.00	0.00
2.26	151.02	1.78	0.10	1.00	0.00	2.27	154.11	1.94	0.02	1.00	0.00
2.28	156.43	2.00	0.00	1.00	0.00	2.29	162.44	2.00	0.00	1.00	0.00
2.30	164.79	2.00	0.00	1.00	0.00	2.31	166.54	2.00	0.00	1.00	0.00
2.32	169.10	2.00	0.00	1.00	0.00	2.33	169.54	2.00	0.00	1.00	0.00
2.34	169.51	2.00	0.00	1.00	0.00	2.35	169.12	2.00	0.00	1.00	0.00
2.36	168.86	2.00	0.00	1.00	0.00	2.37	168.24	2.00	0.00	1.00	0.00
2.38	166.92	2.00	0.00	1.00	0.00	2.39	166.06	2.00	0.00	1.00	0.00
2.40	165.33	2.00	0.00	1.00	0.00	2.41	162.93	2.00	0.00	1.00	0.00
2.42	161.36	2.00	0.00	1.00	0.00	2.43	160.02	2.00	0.00	1.00	0.00
2.44	157.36	2.00	0.00	1.00	0.00	2.45	155.65	1.99	0.00	1.00	0.00
2.46	154.06	1.90	0.04	1.00	0.00	2.47	151.12	1.74	0.12	1.00	0.00
2.48	149.64	1.67	0.16	1.00	0.00	2.49	148.03	1.60	0.20	1.00	0.00
2.50	145.93	1.51	0.26	1.00	0.00	2.51	145.67	1.50	0.27	1.00	0.00
2.52	145.78	1.50	0.27	1.00	0.00	2.53	146.26	1.52	0.26	1.00	0.00
2.54	146.37	1.52	0.26	1.00	0.00	2.55	146.72	1.53	0.25	1.00	0.00
2.56	147.20	1.55	0.23	1.00	0.00	2.57	147.68	1.57	0.22	1.00	0.00
2.58	148.03	1.58	0.21	1.00	0.00	2.59	148.51	1.60	0.20	1.00	0.00
2.60	148.38	1.60	0.21	1.00	0.00	2.61	147.76	1.57	0.22	1.00	0.00
2.62	146.77	1.53	0.25	1.00	0.00	2.63	145.29	1.47	0.30	1.00	0.00
2.64	144.55	1.44	0.32	1.00	0.00	2.65	144.05	1.42	0.34	1.00	0.00
2.66	143.43	1.40	0.36	1.00	0.00	2.67	143.18	1.39	0.37	1.00	0.00
2.68	143.30	1.39	0.37	1.00	0.00	2.69	143.78	1.41	0.35	1.00	0.00
2.70	144.76	1.44	0.32	1.00	0.00	2.71	145.24	1.46	0.31	1.00	0.00
2.72	145.96	1.48	0.29	1.00	0.00	2.73	147.66	1.55	0.24	1.00	0.00
2.74	148.26	1.57	0.22	1.00	0.00	2.75	149.33	1.61	0.19	1.00	0.00
2.76	151.73	1.72	0.13	1.00	0.00	2.77	152.92	1.78	0.10	1.00	0.00
2.78	153.98	1.84	0.07	1.00	0.00	2.79	156.58	1.98	0.01	1.00	0.00
2.80	157.52	2.00	0.00	1.00	0.00	2.81	158.33	2.00	0.00	1.00	0.00
2.82	159.38	2.00	0.00	1.00	0.00	2.83	159.37	2.00	0.00	1.00	0.00
2.84	158.65	2.00	0.00	1.00	0.00	2.85	156.17	1.95	0.02	1.00	0.00
2.86	154.63	1.86	0.06	1.00	0.00	2.87	152.60	1.75	0.11	1.00	0.00
2.88	148.90	1.58	0.22	1.00	0.00	2.89	147.21	1.51	0.27	1.00	0.00
2.90	144.92	1.42	0.34	1.00	0.00	2.91	140.54	1.28	0.49	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	138.47	1.22	0.57	1.00	0.01	2.93	136.75	1.17	0.65	1.00	0.01
2.94	133.92	1.10	0.78	1.00	0.01	2.95	132.68	1.07	0.85	1.00	0.01
2.96	131.82	1.06	0.90	1.00	0.01	2.97	130.21	1.02	1.00	1.00	0.01
2.98	129.47	1.01	1.05	1.00	0.01	2.99	128.61	0.99	1.11	1.00	0.01
3.00	128.37	0.98	1.13	1.00	0.01	3.01	129.76	1.01	1.04	1.00	0.01
3.02	131.26	1.04	0.94	1.00	0.01	3.03	135.34	1.13	0.72	1.00	0.01
3.04	136.70	1.16	0.66	1.00	0.01	3.05	137.08	1.17	0.65	1.00	0.01
3.06	137.21	1.17	0.64	1.00	0.01	3.07	139.53	1.23	0.55	1.00	0.01
3.08	139.41	1.23	0.55	1.00	0.01	3.09	139.30	1.23	0.56	1.00	0.01
3.10	144.61	1.39	0.37	1.00	0.00	3.11	147.37	1.49	0.28	1.00	0.00
3.12	150.10	1.60	0.20	1.00	0.00	3.13	156.09	1.91	0.04	1.00	0.00
3.14	158.88	2.00	0.00	1.00	0.00	3.15	164.40	2.00	0.00	1.00	0.00
3.16	166.82	2.00	0.00	1.00	0.00	3.17	169.80	2.00	0.00	1.00	0.00
3.18	170.02	2.00	0.00	1.00	0.00	3.19	170.13	2.00	0.00	1.00	0.00
3.20	169.89	2.00	0.00	1.00	0.00	3.21	169.53	2.00	0.00	1.00	0.00
3.22	169.07	2.00	0.00	1.00	0.00	3.23	167.91	2.00	0.00	1.00	0.00
3.24	166.87	2.00	0.00	1.00	0.00	3.25	164.39	2.00	0.00	1.00	0.00
3.26	162.90	2.00	0.00	1.00	0.00	3.27	159.56	2.00	0.00	1.00	0.00
3.28	157.94	2.00	0.00	1.00	0.00	3.29	156.79	1.93	0.03	1.00	0.00
3.30	157.36	1.96	0.01	1.00	0.00	3.31	158.17	2.00	0.00	1.00	0.00
3.32	159.78	2.00	0.00	1.00	0.00	3.33	160.47	2.00	0.00	1.00	0.00
3.34	159.78	2.00	0.00	1.00	0.00	3.35	158.28	2.00	0.00	1.00	0.00
3.36	156.78	1.92	0.03	1.00	0.00	3.37	153.54	1.74	0.12	1.00	0.00
3.38	151.92	1.66	0.16	1.00	0.00	3.39	149.12	1.54	0.24	1.00	0.00
3.40	148.19	1.50	0.27	1.00	0.00	3.41	147.37	1.47	0.30	1.00	0.00
3.42	146.20	1.42	0.34	1.00	0.00	3.43	145.74	1.41	0.35	1.00	0.00
3.44	145.98	1.41	0.35	1.00	0.00	3.45	147.28	1.46	0.30	1.00	0.00
3.46	149.62	1.55	0.23	1.00	0.00	3.47	158.64	2.00	0.00	1.00	0.00
3.48	164.23	2.00	0.00	1.00	0.00	3.49	174.44	2.00	0.00	1.00	0.00
3.50	179.07	2.00	0.00	1.00	0.00	3.51	186.15	2.00	0.00	1.00	0.00
3.52	189.43	2.00	0.00	1.00	0.00	3.53	194.97	2.00	0.00	1.00	0.00
3.54	196.80	2.00	0.00	1.00	0.00	3.55	198.62	2.00	0.00	1.00	0.00
3.56	198.39	2.00	0.00	1.00	0.00	3.57	197.62	2.00	0.00	1.00	0.00
3.58	194.25	2.00	0.00	1.00	0.00	3.59	191.74	2.00	0.00	1.00	0.00
3.60	186.27	2.00	0.00	1.00	0.00	3.61	183.18	2.00	0.00	1.00	0.00
3.62	177.05	2.00	0.00	1.00	0.00	3.63	174.50	2.00	0.00	1.00	0.00
3.64	172.50	2.00	0.00	1.00	0.00	3.65	169.61	2.00	0.00	1.00	0.00
3.66	168.49	2.00	0.00	1.00	0.00	3.67	167.37	2.00	0.00	1.00	0.00
3.68	167.26	2.00	0.00	1.00	0.00	3.69	167.37	2.00	0.00	1.00	0.00
3.70	167.37	2.00	0.00	1.00	0.00	3.71	167.93	2.00	0.00	1.00	0.00
3.72	168.04	2.00	0.00	1.00	0.00	3.73	168.49	2.00	0.00	1.00	0.00
3.74	168.94	2.00	0.00	1.00	0.00	3.75	168.49	2.00	0.00	1.00	0.00
3.76	165.70	2.00	0.00	1.00	0.00	3.77	163.91	2.00	0.00	1.00	0.00
3.78	160.88	2.00	0.00	1.00	0.00	3.79	159.98	2.00	0.00	1.00	0.00
3.80	159.99	2.00	0.00	1.00	0.00	3.81	159.88	2.00	0.00	1.00	0.00
3.82	158.65	2.00	0.00	1.00	0.00	3.83	156.96	1.90	0.04	1.00	0.00
3.84	154.81	1.78	0.10	1.00	0.00	3.85	151.17	1.60	0.20	1.00	0.00
3.86	149.35	1.52	0.26	1.00	0.00	3.87	146.94	1.42	0.34	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	146.26	1.40	0.36	1.00	0.00	3.89	145.36	1.37	0.39	1.00	0.00
3.90	145.95	1.39	0.37	1.00	0.00	3.91	147.81	1.45	0.31	1.00	0.00
3.92	153.42	1.70	0.14	1.00	0.00	3.93	156.04	1.84	0.07	1.00	0.00
3.94	161.24	2.00	0.00	1.00	0.00	3.95	163.94	2.00	0.00	1.00	0.00
3.96	169.29	2.00	0.00	1.00	0.00	3.97	171.40	2.00	0.00	1.00	0.00
3.98	173.50	2.00	0.00	1.00	0.00	3.99	175.48	2.00	0.00	1.00	0.00
4.00	177.24	2.00	0.00	1.00	0.00	4.01	179.00	2.00	0.00	1.00	0.00
4.02	185.51	2.00	0.00	1.00	0.00	4.03	189.17	2.00	0.00	1.00	0.00
4.04	192.71	2.00	0.00	1.00	0.00	4.05	198.99	2.00	0.00	1.00	0.00
4.06	200.83	2.00	0.00	1.00	0.00	4.07	201.05	2.00	0.00	1.00	0.00
4.08	200.60	2.00	0.00	1.00	0.00	4.09	200.51	2.00	0.00	1.00	0.00
4.10	193.53	2.00	0.00	1.00	0.00	4.11	188.52	2.00	0.00	1.00	0.00
4.12	186.29	2.00	0.00	1.00	0.00	4.13	181.12	2.00	0.00	1.00	0.00
4.14	177.66	2.00	0.00	1.00	0.00	4.15	170.13	2.00	0.00	1.00	0.00
4.16	166.06	2.00	0.00	1.00	0.00	4.17	158.62	1.97	0.01	1.00	0.00
4.18	155.27	1.78	0.10	1.00	0.00	4.19	151.00	1.57	0.22	1.00	0.00
4.20	149.77	1.52	0.26	1.00	0.00	4.21	148.88	1.48	0.29	1.00	0.00
4.22	148.78	1.48	0.29	1.00	0.00	4.23	148.69	1.47	0.29	1.00	0.00
4.24	149.05	1.49	0.28	1.00	0.00	4.25	149.52	1.51	0.27	1.00	0.00
4.26	150.33	1.54	0.24	1.00	0.00	4.27	151.13	1.57	0.22	1.00	0.00
4.28	152.73	1.65	0.17	1.00	0.00	4.29	153.64	1.69	0.15	1.00	0.00
4.30	157.02	1.87	0.05	1.00	0.00	4.31	159.38	2.00	0.00	1.00	0.00
4.32	165.81	2.00	0.00	1.00	0.00	4.33	170.11	2.00	0.00	1.00	0.00
4.34	182.16	2.00	0.00	1.00	0.00	4.35	188.39	2.00	0.00	1.00	0.00
4.36	198.25	2.00	0.00	1.00	0.00	4.37	203.08	2.00	0.00	1.00	0.00
4.38	208.30	2.00	0.00	1.00	0.00	4.39	210.38	2.00	0.00	1.00	0.00
4.40	212.86	2.00	0.00	1.00	0.00	4.41	213.80	2.00	0.00	1.00	0.00
4.42	214.01	2.00	0.00	1.00	0.00	4.43	213.29	2.00	0.00	1.00	0.00
4.44	209.36	2.00	0.00	1.00	0.00	4.45	204.99	2.00	0.00	1.00	0.00
4.46	203.43	2.00	0.00	1.00	0.00	4.47	201.87	2.00	0.00	1.00	0.00
4.48	198.41	2.00	0.00	1.00	0.00	4.49	197.37	2.00	0.00	1.00	0.00
4.50	195.48	2.00	0.00	1.00	0.00	4.51	194.32	2.00	0.00	1.00	0.00
4.52	191.47	2.00	0.00	1.00	0.00	4.53	190.31	2.00	0.00	1.00	0.00
4.54	188.83	2.00	0.00	1.00	0.00	4.55	188.19	2.00	0.00	1.00	0.00
4.56	187.03	2.00	0.00	1.00	0.00	4.57	186.71	2.00	0.00	1.00	0.00
4.58	186.93	2.00	0.00	1.00	0.00	4.59	186.83	2.00	0.00	1.00	0.00
4.60	185.02	2.00	0.00	1.00	0.00	4.61	184.28	2.00	0.00	1.00	0.00
4.62	183.33	2.00	0.00	1.00	0.00	4.63	182.80	2.00	0.00	1.00	0.00
4.64	181.53	2.00	0.00	1.00	0.00	4.65	181.00	2.00	0.00	1.00	0.00
4.66	164.36	2.00	0.00	1.00	0.00	4.67	181.02	2.00	0.00	1.00	0.00
4.68	182.84	2.00	0.00	1.00	0.00	4.69	188.48	2.00	0.00	1.00	0.00
4.70	192.08	2.00	0.00	1.00	0.00	4.71	200.06	2.00	0.00	1.00	0.00
4.72	202.67	2.00	0.00	1.00	0.00	4.73	205.48	2.00	0.00	1.00	0.00
4.74	206.11	2.00	0.00	1.00	0.00	4.75	207.25	2.00	0.00	1.00	0.00
4.76	207.25	2.00	0.00	1.00	0.00	4.77	206.94	2.00	0.00	1.00	0.00
4.78	206.43	2.00	0.00	1.00	0.00	4.79	206.12	2.00	0.00	1.00	0.00
4.80	205.92	2.00	0.00	1.00	0.00	4.81	205.51	2.00	0.00	1.00	0.00
4.82	203.34	2.00	0.00	1.00	0.00	4.83	201.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	196.37	2.00	0.00	1.00	0.00	4.85	193.86	2.00	0.00	1.00	0.00
4.86	188.82	2.00	0.00	1.00	0.00	4.87	186.30	2.00	0.00	1.00	0.00
4.88	180.90	2.00	0.00	1.00	0.00	4.89	178.46	2.00	0.00	1.00	0.00
4.90	173.55	2.00	0.00	1.00	0.00	4.91	171.52	2.00	0.00	1.00	0.00
4.92	167.33	2.00	0.00	1.00	0.00	4.93	164.43	2.00	0.00	1.00	0.00
4.94	157.91	1.90	0.04	1.00	0.00	4.95	155.08	1.74	0.12	1.00	0.00
4.96	150.81	1.54	0.24	1.00	0.00	4.97	148.85	1.46	0.30	1.00	0.00
4.98	143.77	1.28	0.48	1.00	0.00	4.99	140.34	1.18	0.63	1.00	0.01
5.00	132.72	0.99	1.07	1.00	0.01	5.01	128.79	0.91	1.41	1.00	0.01
5.02	121.61	0.80	2.62	1.00	0.03	5.03	117.83	0.75	2.71	1.00	0.03
5.04	112.64	0.69	2.84	1.00	0.03	5.05	110.81	0.67	2.89	1.00	0.03
5.06	110.27	0.67	2.90	1.00	0.03	5.07	112.99	0.70	2.83	1.00	0.03
5.08	112.92	0.70	2.83	1.00	0.03	5.09	112.85	0.69	2.83	1.00	0.03
5.10	126.38	0.87	1.72	1.00	0.02	5.11	128.69	0.91	1.44	1.00	0.01
5.12	129.18	0.92	1.39	1.00	0.01	5.13	129.21	0.92	1.39	1.00	0.01
5.14	129.25	0.92	1.38	1.00	0.01	5.15	128.72	0.91	1.44	1.00	0.01
5.16	127.85	0.89	1.54	1.00	0.02	5.17	125.50	0.85	1.86	1.00	0.02
5.18	124.62	0.84	2.01	1.00	0.02	5.19	123.63	0.83	2.20	1.00	0.02
5.20	124.02	0.83	2.13	1.00	0.02	5.21	126.34	0.87	1.74	1.00	0.02
5.22	128.19	0.90	1.51	1.00	0.02	5.23	132.51	0.98	1.11	1.00	0.01
5.24	134.56	1.02	0.97	1.00	0.01	5.25	137.38	1.09	0.80	1.00	0.01
5.26	140.08	1.16	0.66	1.00	0.01	5.27	141.22	1.19	0.61	1.00	0.01
5.28	143.25	1.25	0.52	1.00	0.01	5.29	143.72	1.26	0.50	1.00	0.01
5.30	142.76	1.23	0.54	1.00	0.01	5.31	141.47	1.19	0.60	1.00	0.01
5.32	137.85	1.10	0.78	1.00	0.01	5.33	135.44	1.04	0.92	1.00	0.01
5.34	131.46	0.95	1.20	1.00	0.01	5.35	129.93	0.93	1.34	1.00	0.01
5.36	127.71	0.89	1.59	1.00	0.02	5.37	126.96	0.87	1.68	1.00	0.02
5.38	125.87	0.86	1.84	1.00	0.02	5.39	125.35	0.85	1.93	1.00	0.02
5.40	124.14	0.83	2.15	1.00	0.02	5.41	123.17	0.81	2.37	1.00	0.02
5.42	120.37	0.77	2.65	1.00	0.03	5.43	116.88	0.73	2.73	1.00	0.03
5.44	115.10	0.71	2.78	1.00	0.03	5.45	111.13	0.67	2.88	1.00	0.03
5.46	108.99	0.65	2.94	1.00	0.03	5.47	104.41	0.61	3.07	1.00	0.03
5.48	101.86	0.59	3.15	1.00	0.03	5.49	96.87	0.55	3.32	1.00	0.03
5.50	94.66	0.54	3.40	1.00	0.03	5.51	93.86	0.54	3.43	1.00	0.03
5.52	92.26	0.53	3.49	1.00	0.03	5.53	94.77	0.54	3.39	1.00	0.03
5.54	95.01	0.54	3.38	1.00	0.03	5.55	96.39	0.55	3.34	1.00	0.03
5.56	97.00	0.55	3.31	1.00	0.03	5.57	96.63	0.55	3.33	1.00	0.03
5.58	97.30	0.56	3.30	1.00	0.03	5.59	95.87	0.55	3.35	1.00	0.03
5.60	97.93	0.56	3.28	1.00	0.03	5.61	98.42	0.56	3.27	1.00	0.03
5.62	100.63	0.58	3.19	1.00	0.03	5.63	101.30	0.58	3.17	1.00	0.03
5.64	102.90	0.60	3.12	1.00	0.03	5.65	103.24	0.60	3.11	1.00	0.03
5.66	102.55	0.59	3.13	1.00	0.03	5.67	102.14	0.59	3.14	1.00	0.03
5.68	101.18	0.58	3.17	1.00	0.03	5.69	97.47	0.56	3.30	1.00	0.03
5.70	95.18	0.54	3.38	1.00	0.03	5.71	92.09	0.52	3.49	1.00	0.03
5.72	90.99	0.52	3.53	1.00	0.04	5.73	90.82	0.52	3.54	1.00	0.04
5.74	91.70	0.52	3.51	1.00	0.04	5.75	95.14	0.54	3.38	1.00	0.03
5.76	96.98	0.55	3.31	1.00	0.03	5.77	100.22	0.57	3.21	1.00	0.03
5.78	101.41	0.58	3.17	1.00	0.03	5.79	102.03	0.59	3.15	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	101.64	0.58	3.16	1.00	0.03	5.81	100.90	0.58	3.18	1.00	0.03
5.82	99.26	0.57	3.24	1.00	0.03	5.83	97.84	0.56	3.29	1.00	0.03
5.84	94.76	0.54	3.39	1.00	0.03	5.85	93.08	0.53	3.45	1.00	0.03
5.86	89.89	0.51	3.58	1.00	0.04	5.87	88.31	0.50	3.64	1.00	0.04
5.88	84.41	0.48	3.81	1.00	0.04	5.89	84.55	0.48	3.80	1.00	0.04
5.90	84.66	0.48	3.79	1.00	0.04	5.91	90.62	0.51	3.55	1.00	0.04
5.92	92.30	0.52	3.48	1.00	0.03	5.93	96.47	0.55	3.33	1.00	0.03
5.94	96.71	0.55	3.32	1.00	0.03	5.95	97.95	0.56	3.28	1.00	0.03
5.96	99.01	0.56	3.25	1.00	0.03	5.97	98.59	0.56	3.26	1.00	0.03
5.98	99.27	0.56	3.24	1.00	0.03	5.99	98.52	0.56	3.26	1.00	0.03
6.00	98.96	0.56	3.25	1.00	0.03	6.01	97.49	0.55	3.30	1.00	0.03
6.02	97.31	0.55	3.30	1.00	0.03	6.03	96.83	0.55	3.32	1.00	0.03
6.04	94.41	0.53	3.41	1.00	0.03	6.05	93.99	0.53	3.42	1.00	0.03
6.06	91.82	0.52	3.50	1.00	0.04	6.07	91.13	0.51	3.53	1.00	0.04
6.08	91.30	0.51	3.52	1.00	0.04	6.09	91.74	0.52	3.51	1.00	0.04
6.10	85.44	0.48	3.76	1.00	0.04	6.11	85.14	0.48	3.77	1.00	0.04
6.12	83.18	0.47	3.86	1.00	0.04	6.13	82.89	0.47	3.87	1.00	0.04
6.14	81.32	0.46	3.95	1.00	0.04	6.15	80.98	0.46	3.96	1.00	0.04
6.16	80.50	0.46	3.99	1.00	0.04	6.17	80.09	0.46	4.00	1.00	0.04
6.18	78.57	0.45	4.08	1.00	0.04	6.19	78.18	0.45	4.10	1.00	0.04
6.20	76.82	0.44	4.17	1.00	0.04	6.21	76.38	0.44	4.19	1.00	0.04
6.22	75.79	0.44	4.22	1.00	0.04	6.23	75.10	0.43	4.26	1.00	0.04
6.24	74.79	0.43	4.28	1.00	0.04	6.25	74.59	0.43	4.29	1.00	0.04
6.26	74.24	0.43	4.31	1.00	0.04	6.27	74.21	0.43	4.31	1.00	0.04
6.28	74.33	0.43	4.30	1.00	0.04	6.29	74.31	0.43	4.30	1.00	0.04
6.30	75.64	0.44	4.23	1.00	0.04	6.31	76.18	0.44	4.20	1.00	0.04
6.32	76.50	0.44	4.18	1.00	0.04	6.33	76.15	0.44	4.20	1.00	0.04
6.34	75.72	0.44	4.23	1.00	0.04	6.35	74.10	0.43	4.31	1.00	0.04
6.36	73.29	0.43	4.36	1.00	0.04	6.37	72.76	0.42	4.39	1.00	0.04
6.38	72.58	0.42	4.40	1.00	0.04	6.39	72.50	0.42	4.40	1.00	0.04
6.40	72.53	0.42	4.40	1.00	0.04	6.41	73.33	0.43	4.36	1.00	0.04
6.42	73.59	0.43	4.34	1.00	0.04	6.43	73.51	0.43	4.35	1.00	0.04
6.44	73.96	0.43	4.32	1.00	0.04	6.45	73.98	0.43	4.32	1.00	0.04
6.46	73.86	0.43	4.33	1.00	0.04	6.47	73.99	0.43	4.32	1.00	0.04
6.48	17.70	2.00	0.00	1.00	0.00	6.49	17.68	2.00	0.00	1.00	0.00
6.50	17.54	2.00	0.00	1.00	0.00	6.51	17.90	2.00	0.00	1.00	0.00
6.52	18.13	2.00	0.00	1.00	0.00	6.53	18.12	2.00	0.00	1.00	0.00
6.54	17.74	2.00	0.00	1.00	0.00	6.55	17.72	2.00	0.00	1.00	0.00
6.56	17.46	2.00	0.00	1.00	0.00	6.57	17.70	2.00	0.00	1.00	0.00
6.58	17.94	2.00	0.00	1.00	0.00	6.59	18.30	2.00	0.00	1.00	0.00
6.60	18.53	2.00	0.00	1.00	0.00	6.61	18.52	2.00	0.00	1.00	0.00
6.62	18.39	2.00	0.00	1.00	0.00	6.63	18.37	2.00	0.00	1.00	0.00
6.64	17.99	2.00	0.00	1.00	0.00	6.65	17.98	2.00	0.00	1.00	0.00
6.66	18.34	2.00	0.00	1.00	0.00	6.67	19.31	2.00	0.00	1.00	0.00
6.68	19.55	2.00	0.00	1.00	0.00	6.69	19.91	2.00	0.00	1.00	0.00
6.70	20.26	2.00	0.00	1.00	0.00	6.71	20.00	2.00	0.00	1.00	0.00
6.72	19.74	2.00	0.00	1.00	0.00	6.73	19.48	2.00	0.00	1.00	0.00
6.74	18.74	2.00	0.00	1.00	0.00	6.75	18.49	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	17.74	2.00	0.00	1.00	0.00	6.77	17.24	2.00	0.00	1.00	0.00
6.78	17.35	2.00	0.00	1.00	0.00	6.79	75.95	0.43	4.21	1.00	0.04
6.80	85.32	0.48	3.77	1.00	0.04	6.81	89.06	0.49	3.61	1.00	0.04
6.82	91.85	0.51	3.50	1.00	0.04	6.83	96.87	0.54	3.32	1.00	0.03
6.84	94.29	0.52	3.41	1.00	0.03	6.85	91.70	0.51	3.51	1.00	0.04
6.86	90.16	0.50	3.57	1.00	0.04	6.87	83.19	0.46	3.86	1.00	0.04
6.88	80.97	0.45	3.96	1.00	0.04	6.89	78.12	0.44	4.10	1.00	0.04
6.90	77.34	0.44	4.14	1.00	0.04	6.91	77.26	0.44	4.15	1.00	0.04
6.92	77.53	0.44	4.13	1.00	0.04	6.93	78.66	0.44	4.07	1.00	0.04
6.94	80.78	0.45	3.97	1.00	0.04	6.95	80.73	0.45	3.97	1.00	0.04
6.96	81.03	0.45	3.96	1.00	0.04	6.97	78.49	0.44	4.08	1.00	0.04
6.98	75.65	0.43	4.23	1.00	0.04	6.99	72.06	0.42	4.43	1.00	0.04
7.00	73.77	0.42	4.33	1.00	0.04	7.01	76.55	0.44	4.18	1.00	0.04
7.02	78.28	0.44	4.09	1.00	0.04	7.03	81.68	0.46	3.93	1.00	0.04
7.04	84.09	0.47	3.82	1.00	0.04	7.05	85.56	0.48	3.76	1.00	0.04
7.06	86.53	0.48	3.71	1.00	0.04	7.07	88.07	0.49	3.65	1.00	0.04
7.08	87.41	0.48	3.68	1.00	0.04	7.09	80.76	0.45	3.97	1.00	0.04
7.10	77.21	0.44	4.15	1.00	0.04	7.11	71.21	0.41	4.48	1.00	0.04
7.12	73.32	0.42	4.36	1.00	0.04	7.13	73.72	0.42	4.33	1.00	0.04
7.14	73.85	0.42	4.33	1.00	0.04	7.15	71.78	0.42	4.44	1.00	0.04
7.16	70.80	0.41	4.50	1.00	0.05	7.17	68.00	0.40	4.67	1.00	0.05
7.18	69.13	0.41	4.60	1.00	0.05	7.19	71.56	0.41	4.46	1.00	0.04
7.20	71.57	0.41	4.46	1.00	0.04	7.21	73.93	0.42	4.32	1.00	0.04
7.22	76.15	0.43	4.20	1.00	0.04	7.23	76.48	0.43	4.19	1.00	0.04
7.24	78.41	0.44	4.09	1.00	0.04	7.25	80.19	0.45	4.00	1.00	0.04
7.26	80.11	0.45	4.00	1.00	0.04	7.27	81.80	0.46	3.92	1.00	0.04
7.28	80.56	0.45	3.98	1.00	0.04	7.29	80.98	0.45	3.96	1.00	0.04
7.30	80.60	0.45	3.98	1.00	0.04	7.31	80.66	0.45	3.98	1.00	0.04
7.32	78.49	0.44	4.08	1.00	0.04	7.33	78.28	0.44	4.09	1.00	0.04
7.34	77.63	0.44	4.13	1.00	0.04	7.35	75.18	0.43	4.25	1.00	0.04
7.36	74.69	0.43	4.28	1.00	0.04	7.37	74.16	0.42	4.31	1.00	0.04
7.38	74.38	0.42	4.30	1.00	0.04	7.39	75.92	0.43	4.21	1.00	0.04
7.40	76.53	0.43	4.18	1.00	0.04	7.41	78.73	0.44	4.07	1.00	0.04
7.42	79.36	0.45	4.04	1.00	0.04	7.43	80.16	0.45	4.00	1.00	0.04
7.44	82.00	0.46	3.91	1.00	0.04	7.45	81.92	0.46	3.92	1.00	0.04
7.46	81.00	0.45	3.96	1.00	0.04	7.47	84.98	0.47	3.78	1.00	0.04
7.48	87.36	0.48	3.68	1.00	0.04	7.49	97.42	0.54	3.30	1.00	0.03
7.50	94.78	0.52	3.39	1.00	0.03	7.51	93.01	0.51	3.46	1.00	0.03
7.52	92.85	0.51	3.46	1.00	0.03	7.53	89.39	0.49	3.60	1.00	0.04
7.54	87.60	0.48	3.67	1.00	0.04	7.55	87.16	0.48	3.69	1.00	0.04
7.56	89.61	0.49	3.59	1.00	0.04	7.57	88.64	0.49	3.63	1.00	0.04
7.58	89.93	0.49	3.58	1.00	0.04	7.59	91.38	0.50	3.52	1.00	0.04
7.60	88.93	0.49	3.62	1.00	0.04	7.61	89.44	0.49	3.60	1.00	0.04
7.62	84.05	0.47	3.82	1.00	0.04	7.63	82.91	0.46	3.87	1.00	0.04
7.64	80.97	0.45	3.96	1.00	0.04	7.65	80.03	0.45	4.01	1.00	0.04
7.66	19.76	2.00	0.00	1.00	0.00	7.67	18.57	2.00	0.00	1.00	0.00
7.68	16.70	2.00	0.00	1.00	0.00	7.69	15.75	2.00	0.00	1.00	0.00
7.70	14.69	2.00	0.00	1.00	0.00	7.71	15.84	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	16.18	2.00	0.00	1.00	0.00	7.73	16.64	2.00	0.00	1.00	0.00
7.74	17.79	2.00	0.00	1.00	0.00	7.75	18.59	2.00	0.00	1.00	0.00
7.76	19.05	2.00	0.00	1.00	0.00	7.77	18.34	2.00	0.00	1.00	0.00
7.78	17.06	2.00	0.00	1.00	0.00	7.79	15.89	2.00	0.00	1.00	0.00
7.80	15.54	2.00	0.00	1.00	0.00	7.81	15.18	2.00	0.00	1.00	0.00
7.82	15.06	2.00	0.00	1.00	0.00	7.83	14.94	2.00	0.00	1.00	0.00
7.84	15.04	2.00	0.00	1.00	0.00	7.85	15.27	2.00	0.00	1.00	0.00
7.86	15.26	2.00	0.00	1.00	0.00	7.87	15.24	2.00	0.00	1.00	0.00
7.88	15.00	2.00	0.00	1.00	0.00	7.89	14.88	2.00	0.00	1.00	0.00
7.90	14.87	2.00	0.00	1.00	0.00	7.91	14.63	2.00	0.00	1.00	0.00
7.92	14.27	2.00	0.00	1.00	0.00	7.93	14.26	2.00	0.00	1.00	0.00
7.94	14.14	2.00	0.00	1.00	0.00	7.95	14.02	2.00	0.00	1.00	0.00
7.96	14.01	2.00	0.00	1.00	0.00	7.97	13.89	2.00	0.00	1.00	0.00
7.98	13.65	2.00	0.00	1.00	0.00	7.99	13.52	2.00	0.00	1.00	0.00
8.00	13.17	2.00	0.00	1.00	0.00	8.01	13.16	2.00	0.00	1.00	0.00
8.02	13.16	2.00	0.00	1.00	0.00	8.03	13.26	2.00	0.00	1.00	0.00
8.04	13.26	2.00	0.00	1.00	0.00	8.05	13.13	2.00	0.00	1.00	0.00
8.06	13.13	2.00	0.00	1.00	0.00	8.07	13.23	2.00	0.00	1.00	0.00
8.08	13.22	2.00	0.00	1.00	0.00	8.09	13.22	2.00	0.00	1.00	0.00
8.10	14.35	2.00	0.00	1.00	0.00	8.11	14.34	2.00	0.00	1.00	0.00
8.12	14.33	2.00	0.00	1.00	0.00	8.13	14.21	2.00	0.00	1.00	0.00
8.14	14.32	2.00	0.00	1.00	0.00	8.15	14.31	2.00	0.00	1.00	0.00
8.16	14.30	2.00	0.00	1.00	0.00	8.17	14.29	2.00	0.00	1.00	0.00
8.18	14.29	2.00	0.00	1.00	0.00	8.19	14.39	2.00	0.00	1.00	0.00
8.20	14.50	2.00	0.00	1.00	0.00	8.21	15.05	2.00	0.00	1.00	0.00
8.22	15.27	2.00	0.00	1.00	0.00	8.23	15.49	2.00	0.00	1.00	0.00
8.24	15.82	2.00	0.00	1.00	0.00	8.25	15.92	2.00	0.00	1.00	0.00
8.26	16.14	2.00	0.00	1.00	0.00	8.27	16.24	2.00	0.00	1.00	0.00
8.28	16.12	2.00	0.00	1.00	0.00	8.29	16.00	2.00	0.00	1.00	0.00
8.30	15.99	2.00	0.00	1.00	0.00	8.31	16.09	2.00	0.00	1.00	0.00
8.32	15.97	2.00	0.00	1.00	0.00	8.33	15.85	2.00	0.00	1.00	0.00
8.34	15.95	2.00	0.00	1.00	0.00	8.35	16.06	2.00	0.00	1.00	0.00
8.36	16.16	2.00	0.00	1.00	0.00	8.37	16.37	2.00	0.00	1.00	0.00
8.38	16.14	2.00	0.00	1.00	0.00	8.39	16.24	2.00	0.00	1.00	0.00
8.40	16.46	2.00	0.00	1.00	0.00	8.41	17.01	2.00	0.00	1.00	0.00
8.42	17.11	2.00	0.00	1.00	0.00	8.43	17.10	2.00	0.00	1.00	0.00
8.44	17.09	2.00	0.00	1.00	0.00	8.45	17.08	2.00	0.00	1.00	0.00
8.46	16.96	2.00	0.00	1.00	0.00	8.47	16.95	2.00	0.00	1.00	0.00
8.48	16.27	2.00	0.00	1.00	0.00	8.49	16.15	2.00	0.00	1.00	0.00
8.50	16.14	2.00	0.00	1.00	0.00	8.51	16.24	2.00	0.00	1.00	0.00
8.52	16.34	2.00	0.00	1.00	0.00	8.53	16.22	2.00	0.00	1.00	0.00
8.54	15.99	2.00	0.00	1.00	0.00	8.55	15.98	2.00	0.00	1.00	0.00
8.56	16.08	2.00	0.00	1.00	0.00	8.57	16.07	2.00	0.00	1.00	0.00
8.58	16.07	2.00	0.00	1.00	0.00	8.59	15.72	2.00	0.00	1.00	0.00
8.60	15.49	2.00	0.00	1.00	0.00	8.61	15.48	2.00	0.00	1.00	0.00
8.62	15.36	2.00	0.00	1.00	0.00	8.63	15.24	2.00	0.00	1.00	0.00
8.64	14.79	2.00	0.00	1.00	0.00	8.65	14.67	2.00	0.00	1.00	0.00
8.66	14.78	2.00	0.00	1.00	0.00	8.67	14.77	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	14.76	2.00	0.00	1.00	0.00	8.69	14.86	2.00	0.00	1.00	0.00
8.70	14.74	2.00	0.00	1.00	0.00	8.71	14.84	2.00	0.00	1.00	0.00
8.72	14.62	2.00	0.00	1.00	0.00	8.73	14.61	2.00	0.00	1.00	0.00
8.74	14.05	2.00	0.00	1.00	0.00	8.75	13.93	2.00	0.00	1.00	0.00
8.76	13.92	2.00	0.00	1.00	0.00	8.77	13.91	2.00	0.00	1.00	0.00
8.78	13.80	2.00	0.00	1.00	0.00	8.79	13.79	2.00	0.00	1.00	0.00
8.80	13.56	2.00	0.00	1.00	0.00	8.81	13.44	2.00	0.00	1.00	0.00
8.82	13.22	2.00	0.00	1.00	0.00	8.83	13.21	2.00	0.00	1.00	0.00
8.84	12.98	2.00	0.00	1.00	0.00	8.85	12.86	2.00	0.00	1.00	0.00
8.86	12.64	2.00	0.00	1.00	0.00	8.87	12.41	2.00	0.00	1.00	0.00
8.88	12.29	2.00	0.00	1.00	0.00	8.89	12.29	2.00	0.00	1.00	0.00
8.90	12.06	2.00	0.00	1.00	0.00	8.91	11.84	2.00	0.00	1.00	0.00
8.92	11.28	2.00	0.00	1.00	0.00	8.93	11.06	2.00	0.00	1.00	0.00
8.94	10.94	2.00	0.00	1.00	0.00	8.95	10.71	2.00	0.00	1.00	0.00
8.96	10.60	2.00	0.00	1.00	0.00	8.97	10.59	2.00	0.00	1.00	0.00
8.98	10.81	2.00	0.00	1.00	0.00	8.99	10.69	2.00	0.00	1.00	0.00
9.00	10.58	2.00	0.00	1.00	0.00	9.01	10.35	2.00	0.00	1.00	0.00
9.02	10.46	2.00	0.00	1.00	0.00	9.03	10.23	2.00	0.00	1.00	0.00
9.04	10.23	2.00	0.00	1.00	0.00	9.05	10.22	2.00	0.00	1.00	0.00
9.06	10.32	2.00	0.00	1.00	0.00	9.07	10.32	2.00	0.00	1.00	0.00
9.08	10.31	2.00	0.00	1.00	0.00	9.09	10.31	2.00	0.00	1.00	0.00
9.10	11.06	2.00	0.00	1.00	0.00	9.11	11.06	2.00	0.00	1.00	0.00
9.12	11.05	2.00	0.00	1.00	0.00	9.13	11.05	2.00	0.00	1.00	0.00
9.14	11.04	2.00	0.00	1.00	0.00	9.15	11.04	2.00	0.00	1.00	0.00
9.16	11.03	2.00	0.00	1.00	0.00	9.17	11.02	2.00	0.00	1.00	0.00
9.18	11.13	2.00	0.00	1.00	0.00	9.19	11.34	2.00	0.00	1.00	0.00
9.20	11.44	2.00	0.00	1.00	0.00	9.21	11.43	2.00	0.00	1.00	0.00
9.22	11.43	2.00	0.00	1.00	0.00	9.23	11.32	2.00	0.00	1.00	0.00
9.24	11.20	2.00	0.00	1.00	0.00	9.25	11.09	2.00	0.00	1.00	0.00
9.26	10.97	2.00	0.00	1.00	0.00	9.27	10.86	2.00	0.00	1.00	0.00
9.28	10.64	2.00	0.00	1.00	0.00	9.29	10.20	2.00	0.00	1.00	0.00
9.30	9.55	2.00	0.00	1.00	0.00	9.31	9.33	2.00	0.00	1.00	0.00
9.32	9.22	2.00	0.00	1.00	0.00	9.33	9.00	2.00	0.00	1.00	0.00
9.34	8.89	2.00	0.00	1.00	0.00	9.35	8.66	2.00	0.00	1.00	0.00
9.36	8.55	2.00	0.00	1.00	0.00	9.37	8.23	2.00	0.00	1.00	0.00
9.38	8.11	2.00	0.00	1.00	0.00	9.39	8.00	2.00	0.00	1.00	0.00
9.40	8.11	2.00	0.00	1.00	0.00	9.41	8.21	2.00	0.00	1.00	0.00
9.42	8.31	2.00	0.00	1.00	0.00	9.43	8.52	2.00	0.00	1.00	0.00
9.44	8.62	2.00	0.00	1.00	0.00	9.45	8.73	2.00	0.00	1.00	0.00
9.46	8.83	2.00	0.00	1.00	0.00	9.47	8.83	2.00	0.00	1.00	0.00
9.48	8.82	2.00	0.00	1.00	0.00	9.49	8.82	2.00	0.00	1.00	0.00
9.50	8.92	2.00	0.00	1.00	0.00	9.51	9.13	2.00	0.00	1.00	0.00
9.52	9.23	2.00	0.00	1.00	0.00	9.53	9.33	2.00	0.00	1.00	0.00
9.54	9.33	2.00	0.00	1.00	0.00	9.55	9.32	2.00	0.00	1.00	0.00
9.56	9.43	2.00	0.00	1.00	0.00	9.57	9.31	2.00	0.00	1.00	0.00
9.58	9.20	2.00	0.00	1.00	0.00	9.59	8.99	2.00	0.00	1.00	0.00
9.60	8.66	2.00	0.00	1.00	0.00	9.61	8.55	2.00	0.00	1.00	0.00
9.62	8.44	2.00	0.00	1.00	0.00	9.63	8.22	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	8.01	2.00	0.00	1.00	0.00	9.65	7.90	2.00	0.00	1.00	0.00
9.66	7.68	2.00	0.00	1.00	0.00	9.67	7.36	2.00	0.00	1.00	0.00
9.68	7.14	2.00	0.00	1.00	0.00	9.69	6.93	2.00	0.00	1.00	0.00
9.70	6.61	2.00	0.00	1.00	0.00	9.71	6.60	2.00	0.00	1.00	0.00
9.72	6.60	2.00	0.00	1.00	0.00	9.73	6.60	2.00	0.00	1.00	0.00
9.74	6.59	2.00	0.00	1.00	0.00	9.75	6.80	2.00	0.00	1.00	0.00
9.76	7.01	2.00	0.00	1.00	0.00	9.77	7.11	2.00	0.00	1.00	0.00
9.78	7.32	2.00	0.00	1.00	0.00	9.79	7.32	2.00	0.00	1.00	0.00
9.80	7.31	2.00	0.00	1.00	0.00	9.81	7.31	2.00	0.00	1.00	0.00
9.82	7.31	2.00	0.00	1.00	0.00	9.83	7.30	2.00	0.00	1.00	0.00
9.84	7.30	2.00	0.00	1.00	0.00	9.85	7.40	2.00	0.00	1.00	0.00
9.86	7.40	2.00	0.00	1.00	0.00	9.87	7.40	2.00	0.00	1.00	0.00
9.88	7.39	2.00	0.00	1.00	0.00	9.89	7.50	2.00	0.00	1.00	0.00
9.90	7.60	2.00	0.00	1.00	0.00	9.91	7.59	2.00	0.00	1.00	0.00
9.92	7.70	2.00	0.00	1.00	0.00	9.93	7.80	2.00	0.00	1.00	0.00
9.94	7.90	2.00	0.00	1.00	0.00	9.95	7.90	2.00	0.00	1.00	0.00
9.96	7.89	2.00	0.00	1.00	0.00	9.97	7.89	2.00	0.00	1.00	0.00
9.98	7.99	2.00	0.00	1.00	0.00	9.99	8.09	2.00	0.00	1.00	0.00
10.00	8.19	2.00	0.00	1.00	0.00	10.01	8.19	2.00	0.00	1.00	0.00
10.02	8.18	2.00	0.00	1.00	0.00	10.03	8.18	2.00	0.00	1.00	0.00
10.04	7.97	2.00	0.00	1.00	0.00	10.05	7.96	2.00	0.00	1.00	0.00
10.06	7.96	2.00	0.00	1.00	0.00	10.07	7.96	2.00	0.00	1.00	0.00
10.08	7.95	2.00	0.00	1.00	0.00	10.09	8.26	2.00	0.00	1.00	0.00
10.10	8.26	2.00	0.00	1.00	0.00	10.11	8.26	2.00	0.00	1.00	0.00
10.12	8.25	2.00	0.00	1.00	0.00	10.13	8.25	2.00	0.00	1.00	0.00
10.14	8.25	2.00	0.00	1.00	0.00	10.15	8.03	2.00	0.00	1.00	0.00
10.16	7.93	2.00	0.00	1.00	0.00	10.17	7.92	2.00	0.00	1.00	0.00
10.18	7.92	2.00	0.00	1.00	0.00	10.19	7.81	2.00	0.00	1.00	0.00
10.20	7.70	2.00	0.00	1.00	0.00	10.21	7.60	2.00	0.00	1.00	0.00
10.22	7.49	2.00	0.00	1.00	0.00	10.23	7.38	2.00	0.00	1.00	0.00
10.24	7.17	2.00	0.00	1.00	0.00	10.25	7.07	2.00	0.00	1.00	0.00
10.26	6.96	2.00	0.00	1.00	0.00	10.27	6.85	2.00	0.00	1.00	0.00
10.28	6.64	2.00	0.00	1.00	0.00	10.29	6.54	2.00	0.00	1.00	0.00
10.30	6.53	2.00	0.00	1.00	0.00	10.31	6.43	2.00	0.00	1.00	0.00
10.32	6.43	2.00	0.00	1.00	0.00	10.33	6.42	2.00	0.00	1.00	0.00
10.34	6.42	2.00	0.00	1.00	0.00	10.35	6.21	2.00	0.00	1.00	0.00
10.36	6.21	2.00	0.00	1.00	0.00	10.37	6.00	2.00	0.00	1.00	0.00
10.38	6.10	2.00	0.00	1.00	0.00	10.39	6.10	2.00	0.00	1.00	0.00
10.40	6.30	2.00	0.00	1.00	0.00	10.41	6.40	2.00	0.00	1.00	0.00
10.42	6.50	2.00	0.00	1.00	0.00	10.43	6.91	2.00	0.00	1.00	0.00
10.44	7.22	2.00	0.00	1.00	0.00	10.45	7.83	2.00	0.00	1.00	0.00
10.46	8.14	2.00	0.00	1.00	0.00	10.47	8.44	2.00	0.00	1.00	0.00
10.48	8.44	2.00	0.00	1.00	0.00	10.49	8.54	2.00	0.00	1.00	0.00
10.50	8.74	2.00	0.00	1.00	0.00	10.51	8.74	2.00	0.00	1.00	0.00
10.52	8.94	2.00	0.00	1.00	0.00	10.53	9.04	2.00	0.00	1.00	0.00
10.54	9.44	2.00	0.00	1.00	0.00	10.55	9.64	2.00	0.00	1.00	0.00
10.56	9.84	2.00	0.00	1.00	0.00	10.57	9.74	2.00	0.00	1.00	0.00
10.58	9.43	2.00	0.00	1.00	0.00	10.59	9.22	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	9.32	2.00	0.00	1.00	0.00	10.61	9.11	2.00	0.00	1.00	0.00
10.62	9.10	2.00	0.00	1.00	0.00	10.63	9.61	2.00	0.00	1.00	0.00
10.64	9.61	2.00	0.00	1.00	0.00	10.65	9.60	2.00	0.00	1.00	0.00
10.66	9.60	2.00	0.00	1.00	0.00	10.67	9.69	2.00	0.00	1.00	0.00
10.68	9.69	2.00	0.00	1.00	0.00	10.69	9.48	2.00	0.00	1.00	0.00
10.70	9.48	2.00	0.00	1.00	0.00	10.71	9.37	2.00	0.00	1.00	0.00
10.72	8.96	2.00	0.00	1.00	0.00	10.73	8.86	2.00	0.00	1.00	0.00
10.74	8.75	2.00	0.00	1.00	0.00	10.75	8.44	2.00	0.00	1.00	0.00
10.76	8.44	2.00	0.00	1.00	0.00	10.77	8.33	2.00	0.00	1.00	0.00
10.78	8.23	2.00	0.00	1.00	0.00	10.79	8.33	2.00	0.00	1.00	0.00
10.80	8.32	2.00	0.00	1.00	0.00	10.81	8.32	2.00	0.00	1.00	0.00
10.82	8.11	2.00	0.00	1.00	0.00	10.83	8.01	2.00	0.00	1.00	0.00
10.84	8.01	2.00	0.00	1.00	0.00	10.85	7.90	2.00	0.00	1.00	0.00
10.86	7.90	2.00	0.00	1.00	0.00	10.87	7.69	2.00	0.00	1.00	0.00
10.88	7.59	2.00	0.00	1.00	0.00	10.89	7.48	2.00	0.00	1.00	0.00
10.90	7.28	2.00	0.00	1.00	0.00	10.91	7.17	2.00	0.00	1.00	0.00
10.92	7.17	2.00	0.00	1.00	0.00	10.93	7.07	2.00	0.00	1.00	0.00
10.94	7.06	2.00	0.00	1.00	0.00	10.95	7.06	2.00	0.00	1.00	0.00
10.96	7.16	2.00	0.00	1.00	0.00	10.97	7.16	2.00	0.00	1.00	0.00
10.98	7.15	2.00	0.00	1.00	0.00	10.99	7.25	2.00	0.00	1.00	0.00
11.00	7.35	2.00	0.00	1.00	0.00	11.01	7.65	2.00	0.00	1.00	0.00
11.02	7.65	2.00	0.00	1.00	0.00	11.03	7.84	2.00	0.00	1.00	0.00
11.04	7.64	2.00	0.00	1.00	0.00	11.05	7.64	2.00	0.00	1.00	0.00
11.06	7.63	2.00	0.00	1.00	0.00	11.07	7.63	2.00	0.00	1.00	0.00
11.08	7.63	2.00	0.00	1.00	0.00	11.09	7.63	2.00	0.00	1.00	0.00
11.10	9.03	2.00	0.00	1.00	0.00	11.11	9.22	2.00	0.00	1.00	0.00
11.12	9.42	2.00	0.00	1.00	0.00	11.13	9.82	2.00	0.00	1.00	0.00
11.14	9.81	2.00	0.00	1.00	0.00	11.15	10.11	2.00	0.00	1.00	0.00
11.16	10.31	2.00	0.00	1.00	0.00	11.17	10.80	2.00	0.00	1.00	0.00
11.18	10.90	2.00	0.00	1.00	0.00	11.19	11.30	2.00	0.00	1.00	0.00
11.20	11.39	2.00	0.00	1.00	0.00	11.21	11.19	2.00	0.00	1.00	0.00
11.22	11.08	2.00	0.00	1.00	0.00	11.23	11.08	2.00	0.00	1.00	0.00
11.24	11.17	2.00	0.00	1.00	0.00	11.25	11.47	2.00	0.00	1.00	0.00
11.26	11.46	2.00	0.00	1.00	0.00	11.27	11.56	2.00	0.00	1.00	0.00
11.28	11.45	2.00	0.00	1.00	0.00	11.29	11.15	2.00	0.00	1.00	0.00
11.30	11.05	2.00	0.00	1.00	0.00	11.31	10.94	2.00	0.00	1.00	0.00
11.32	10.94	2.00	0.00	1.00	0.00	11.33	10.83	2.00	0.00	1.00	0.00
11.34	10.63	2.00	0.00	1.00	0.00	11.35	10.43	2.00	0.00	1.00	0.00
11.36	10.12	2.00	0.00	1.00	0.00	11.37	10.12	2.00	0.00	1.00	0.00
11.38	10.12	2.00	0.00	1.00	0.00	11.39	10.11	2.00	0.00	1.00	0.00
11.40	9.91	2.00	0.00	1.00	0.00	11.41	9.81	2.00	0.00	1.00	0.00
11.42	9.41	2.00	0.00	1.00	0.00	11.43	9.40	2.00	0.00	1.00	0.00
11.44	9.30	2.00	0.00	1.00	0.00	11.45	9.29	2.00	0.00	1.00	0.00
11.46	9.39	2.00	0.00	1.00	0.00	11.47	9.38	2.00	0.00	1.00	0.00
11.48	9.28	2.00	0.00	1.00	0.00	11.49	9.28	2.00	0.00	1.00	0.00
11.50	9.27	2.00	0.00	1.00	0.00	11.51	9.17	2.00	0.00	1.00	0.00
11.52	9.07	2.00	0.00	1.00	0.00	11.53	9.26	2.00	0.00	1.00	0.00
11.54	9.26	2.00	0.00	1.00	0.00	11.55	9.16	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	9.15	2.00	0.00	1.00	0.00	11.57	9.15	2.00	0.00	1.00	0.00
11.58	9.15	2.00	0.00	1.00	0.00	11.59	9.14	2.00	0.00	1.00	0.00
11.60	8.94	2.00	0.00	1.00	0.00	11.61	8.94	2.00	0.00	1.00	0.00
11.62	9.03	2.00	0.00	1.00	0.00	11.63	9.03	2.00	0.00	1.00	0.00
11.64	9.12	2.00	0.00	1.00	0.00	11.65	9.32	2.00	0.00	1.00	0.00
11.66	9.80	2.00	0.00	1.00	0.00	11.67	10.09	2.00	0.00	1.00	0.00
11.68	10.28	2.00	0.00	1.00	0.00	11.69	10.97	2.00	0.00	1.00	0.00
11.70	11.16	2.00	0.00	1.00	0.00	11.71	11.35	2.00	0.00	1.00	0.00
11.72	11.54	2.00	0.00	1.00	0.00	11.73	11.73	2.00	0.00	1.00	0.00
11.74	12.02	2.00	0.00	1.00	0.00	11.75	12.11	2.00	0.00	1.00	0.00
11.76	12.30	2.00	0.00	1.00	0.00	11.77	12.69	2.00	0.00	1.00	0.00
11.78	12.88	2.00	0.00	1.00	0.00	11.79	13.17	2.00	0.00	1.00	0.00
11.80	13.36	2.00	0.00	1.00	0.00	11.81	13.55	2.00	0.00	1.00	0.00
11.82	13.93	2.00	0.00	1.00	0.00	11.83	13.83	2.00	0.00	1.00	0.00
11.84	13.72	2.00	0.00	1.00	0.00	11.85	13.82	2.00	0.00	1.00	0.00
11.86	13.81	2.00	0.00	1.00	0.00	11.87	13.71	2.00	0.00	1.00	0.00
11.88	13.99	2.00	0.00	1.00	0.00	11.89	14.28	2.00	0.00	1.00	0.00
11.90	14.08	2.00	0.00	1.00	0.00	11.91	13.98	2.00	0.00	1.00	0.00
11.92	13.58	2.00	0.00	1.00	0.00	11.93	13.38	2.00	0.00	1.00	0.00
11.94	13.18	2.00	0.00	1.00	0.00	11.95	13.27	2.00	0.00	1.00	0.00
11.96	13.36	2.00	0.00	1.00	0.00	11.97	13.55	2.00	0.00	1.00	0.00
11.98	13.64	2.00	0.00	1.00	0.00	11.99	13.73	2.00	0.00	1.00	0.00
12.00	13.73	2.00	0.00	1.00	0.00	12.01	13.62	2.00	0.00	1.00	0.00
12.02	13.52	2.00	0.00	1.00	0.00	12.03	13.52	2.00	0.00	1.00	0.00
12.04	13.51	2.00	0.00	1.00	0.00	12.05	13.41	2.00	0.00	1.00	0.00
12.06	13.30	2.00	0.00	1.00	0.00	12.07	13.30	2.00	0.00	1.00	0.00
12.08	13.29	2.00	0.00	1.00	0.00	12.09	13.29	2.00	0.00	1.00	0.00
12.10	13.28	2.00	0.00	1.00	0.00	12.11	13.18	2.00	0.00	1.00	0.00
12.12	12.98	2.00	0.00	1.00	0.00	12.13	12.98	2.00	0.00	1.00	0.00
12.14	12.97	2.00	0.00	1.00	0.00	12.15	12.77	2.00	0.00	1.00	0.00
12.16	12.57	2.00	0.00	1.00	0.00	12.17	12.38	2.00	0.00	1.00	0.00
12.18	12.27	2.00	0.00	1.00	0.00	12.19	12.27	2.00	0.00	1.00	0.00
12.20	12.36	2.00	0.00	1.00	0.00	12.21	12.35	2.00	0.00	1.00	0.00
12.22	12.45	2.00	0.00	1.00	0.00	12.23	12.34	2.00	0.00	1.00	0.00
12.24	12.24	2.00	0.00	1.00	0.00	12.25	12.24	2.00	0.00	1.00	0.00
12.26	12.52	2.00	0.00	1.00	0.00	12.27	12.52	2.00	0.00	1.00	0.00
12.28	12.41	2.00	0.00	1.00	0.00	12.29	12.41	2.00	0.00	1.00	0.00
12.30	12.50	2.00	0.00	1.00	0.00	12.31	12.40	2.00	0.00	1.00	0.00
12.32	12.49	2.00	0.00	1.00	0.00	12.33	12.58	2.00	0.00	1.00	0.00
12.34	12.57	2.00	0.00	1.00	0.00	12.35	12.47	2.00	0.00	1.00	0.00
12.36	12.37	2.00	0.00	1.00	0.00	12.37	12.18	2.00	0.00	1.00	0.00
12.38	12.17	2.00	0.00	1.00	0.00	12.39	12.17	2.00	0.00	1.00	0.00
12.40	12.26	2.00	0.00	1.00	0.00	12.41	12.25	2.00	0.00	1.00	0.00
12.42	12.34	2.00	0.00	1.00	0.00	12.43	12.34	2.00	0.00	1.00	0.00
12.44	12.43	2.00	0.00	1.00	0.00	12.45	12.61	2.00	0.00	1.00	0.00
12.46	12.80	2.00	0.00	1.00	0.00	12.47	12.89	2.00	0.00	1.00	0.00
12.48	12.88	2.00	0.00	1.00	0.00	12.49	12.78	2.00	0.00	1.00	0.00
12.50	12.68	2.00	0.00	1.00	0.00	12.51	12.58	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	12.48	2.00	0.00	1.00	0.00	12.53	12.29	2.00	0.00	1.00	0.00
12.54	12.09	2.00	0.00	1.00	0.00	12.55	11.80	2.00	0.00	1.00	0.00
12.56	11.61	2.00	0.00	1.00	0.00	12.57	11.22	2.00	0.00	1.00	0.00
12.58	11.12	2.00	0.00	1.00	0.00	12.59	10.84	2.00	0.00	1.00	0.00
12.60	10.74	2.00	0.00	1.00	0.00	12.61	10.54	2.00	0.00	1.00	0.00
12.62	10.54	2.00	0.00	1.00	0.00	12.63	10.53	2.00	0.00	1.00	0.00
12.64	10.34	2.00	0.00	1.00	0.00	12.65	10.24	2.00	0.00	1.00	0.00
12.66	10.33	2.00	0.00	1.00	0.00	12.67	10.42	2.00	0.00	1.00	0.00
12.68	10.42	2.00	0.00	1.00	0.00	12.69	10.32	2.00	0.00	1.00	0.00
12.70	10.22	2.00	0.00	1.00	0.00	12.71	10.12	2.00	0.00	1.00	0.00
12.72	9.93	2.00	0.00	1.00	0.00	12.73	9.83	2.00	0.00	1.00	0.00
12.74	9.74	2.00	0.00	1.00	0.00	12.75	9.64	2.00	0.00	1.00	0.00
12.76	9.35	2.00	0.00	1.00	0.00	12.77	9.25	2.00	0.00	1.00	0.00
12.78	9.25	2.00	0.00	1.00	0.00	12.79	9.15	2.00	0.00	1.00	0.00
12.80	9.15	2.00	0.00	1.00	0.00	12.81	9.15	2.00	0.00	1.00	0.00
12.82	9.42	2.00	0.00	1.00	0.00	12.83	9.61	2.00	0.00	1.00	0.00
12.84	9.79	2.00	0.00	1.00	0.00	12.85	10.16	2.00	0.00	1.00	0.00
12.86	10.34	2.00	0.00	1.00	0.00	12.87	10.43	2.00	0.00	1.00	0.00
12.88	10.90	2.00	0.00	1.00	0.00	12.89	11.17	2.00	0.00	1.00	0.00
12.90	11.45	2.00	0.00	1.00	0.00	12.91	12.19	2.00	0.00	1.00	0.00
12.92	12.65	2.00	0.00	1.00	0.00	12.93	13.12	2.00	0.00	1.00	0.00
12.94	14.04	2.00	0.00	1.00	0.00	12.95	14.32	2.00	0.00	1.00	0.00
12.96	14.41	2.00	0.00	1.00	0.00	12.97	14.31	2.00	0.00	1.00	0.00
12.98	14.12	2.00	0.00	1.00	0.00	12.99	13.74	2.00	0.00	1.00	0.00
13.00	13.64	2.00	0.00	1.00	0.00	13.01	13.45	2.00	0.00	1.00	0.00
13.02	13.26	2.00	0.00	1.00	0.00	13.03	13.16	2.00	0.00	1.00	0.00
13.04	13.06	2.00	0.00	1.00	0.00	13.05	12.78	2.00	0.00	1.00	0.00
13.06	12.68	2.00	0.00	1.00	0.00	13.07	12.68	2.00	0.00	1.00	0.00
13.08	12.67	2.00	0.00	1.00	0.00	13.09	12.67	2.00	0.00	1.00	0.00
13.10	12.75	2.00	0.00	1.00	0.00	13.11	12.66	2.00	0.00	1.00	0.00
13.12	12.56	2.00	0.00	1.00	0.00	13.13	12.46	2.00	0.00	1.00	0.00
13.14	12.45	2.00	0.00	1.00	0.00	13.15	12.36	2.00	0.00	1.00	0.00
13.16	12.07	2.00	0.00	1.00	0.00	13.17	11.98	2.00	0.00	1.00	0.00
13.18	11.51	2.00	0.00	1.00	0.00	13.19	11.41	2.00	0.00	1.00	0.00
13.20	11.41	2.00	0.00	1.00	0.00	13.21	11.40	2.00	0.00	1.00	0.00
13.22	11.40	2.00	0.00	1.00	0.00	13.23	11.49	2.00	0.00	1.00	0.00
13.24	11.48	2.00	0.00	1.00	0.00	13.25	11.48	2.00	0.00	1.00	0.00
13.26	11.47	2.00	0.00	1.00	0.00	13.27	11.38	2.00	0.00	1.00	0.00
13.28	11.37	2.00	0.00	1.00	0.00	13.29	11.27	2.00	0.00	1.00	0.00
13.30	11.27	2.00	0.00	1.00	0.00	13.31	11.27	2.00	0.00	1.00	0.00
13.32	11.08	2.00	0.00	1.00	0.00	13.33	10.98	2.00	0.00	1.00	0.00
13.34	10.98	2.00	0.00	1.00	0.00	13.35	10.97	2.00	0.00	1.00	0.00
13.36	11.06	2.00	0.00	1.00	0.00	13.37	11.15	2.00	0.00	1.00	0.00
13.38	11.51	2.00	0.00	1.00	0.00	13.39	11.51	2.00	0.00	1.00	0.00
13.40	11.41	2.00	0.00	1.00	0.00	13.41	11.31	2.00	0.00	1.00	0.00
13.42	11.40	2.00	0.00	1.00	0.00	13.43	11.67	2.00	0.00	1.00	0.00
13.44	11.94	2.00	0.00	1.00	0.00	13.45	12.12	2.00	0.00	1.00	0.00
13.46	12.39	2.00	0.00	1.00	0.00	13.47	12.48	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	12.57	2.00	0.00	1.00	0.00	13.49	12.47	2.00	0.00	1.00	0.00
13.50	12.46	2.00	0.00	1.00	0.00	13.51	12.55	2.00	0.00	1.00	0.00
13.52	12.46	2.00	0.00	1.00	0.00	13.53	12.36	2.00	0.00	1.00	0.00
13.54	12.08	2.00	0.00	1.00	0.00	13.55	11.89	2.00	0.00	1.00	0.00
13.56	11.89	2.00	0.00	1.00	0.00	13.57	11.97	2.00	0.00	1.00	0.00
13.58	11.97	2.00	0.00	1.00	0.00	13.59	11.96	2.00	0.00	1.00	0.00
13.60	11.87	2.00	0.00	1.00	0.00	13.61	11.86	2.00	0.00	1.00	0.00
13.62	11.77	2.00	0.00	1.00	0.00	13.63	11.67	2.00	0.00	1.00	0.00
13.64	11.76	2.00	0.00	1.00	0.00	13.65	11.76	2.00	0.00	1.00	0.00
13.66	11.84	2.00	0.00	1.00	0.00	13.67	11.75	2.00	0.00	1.00	0.00
13.68	11.74	2.00	0.00	1.00	0.00	13.69	11.56	2.00	0.00	1.00	0.00
13.70	11.46	2.00	0.00	1.00	0.00	13.71	11.46	2.00	0.00	1.00	0.00
13.72	11.27	2.00	0.00	1.00	0.00	13.73	11.26	2.00	0.00	1.00	0.00
13.74	10.90	2.00	0.00	1.00	0.00	13.75	10.62	2.00	0.00	1.00	0.00
13.76	10.35	2.00	0.00	1.00	0.00	13.77	9.98	2.00	0.00	1.00	0.00
13.78	9.80	2.00	0.00	1.00	0.00	13.79	9.34	2.00	0.00	1.00	0.00
13.80	9.16	2.00	0.00	1.00	0.00	13.81	8.97	2.00	0.00	1.00	0.00
13.82	8.79	2.00	0.00	1.00	0.00	13.83	8.78	2.00	0.00	1.00	0.00
13.84	8.78	2.00	0.00	1.00	0.00	13.85	8.78	2.00	0.00	1.00	0.00
13.86	8.77	2.00	0.00	1.00	0.00	13.87	8.77	2.00	0.00	1.00	0.00
13.88	8.77	2.00	0.00	1.00	0.00	13.89	8.76	2.00	0.00	1.00	0.00
13.90	8.94	2.00	0.00	1.00	0.00	13.91	9.03	2.00	0.00	1.00	0.00
13.92	9.21	2.00	0.00	1.00	0.00	13.93	9.20	2.00	0.00	1.00	0.00
13.94	9.38	2.00	0.00	1.00	0.00	13.95	9.64	2.00	0.00	1.00	0.00
13.96	9.82	2.00	0.00	1.00	0.00	13.97	9.73	2.00	0.00	1.00	0.00
13.98	9.63	2.00	0.00	1.00	0.00	13.99	9.54	2.00	0.00	1.00	0.00
14.00	9.45	2.00	0.00	1.00	0.00	14.01	9.36	2.00	0.00	1.00	0.00
14.02	9.26	2.00	0.00	1.00	0.00	14.03	9.26	2.00	0.00	1.00	0.00
14.04	9.35	2.00	0.00	1.00	0.00	14.05	9.34	2.00	0.00	1.00	0.00
14.06	9.34	2.00	0.00	1.00	0.00	14.07	8.98	2.00	0.00	1.00	0.00
14.08	8.98	2.00	0.00	1.00	0.00	14.09	8.97	2.00	0.00	1.00	0.00
14.10	9.33	2.00	0.00	1.00	0.00	14.11	9.50	2.00	0.00	1.00	0.00
14.12	9.59	2.00	0.00	1.00	0.00	14.13	9.85	2.00	0.00	1.00	0.00
14.14	9.85	2.00	0.00	1.00	0.00	14.15	10.20	2.00	0.00	1.00	0.00
14.16	10.29	2.00	0.00	1.00	0.00	14.17	10.38	2.00	0.00	1.00	0.00
14.18	10.37	2.00	0.00	1.00	0.00	14.19	10.37	2.00	0.00	1.00	0.00
14.20	10.37	2.00	0.00	1.00	0.00	14.21	10.27	2.00	0.00	1.00	0.00
14.22	10.45	2.00	0.00	1.00	0.00	14.23	10.44	2.00	0.00	1.00	0.00
14.24	10.62	2.00	0.00	1.00	0.00	14.25	10.62	2.00	0.00	1.00	0.00
14.26	10.61	2.00	0.00	1.00	0.00	14.27	10.70	2.00	0.00	1.00	0.00
14.28	10.60	2.00	0.00	1.00	0.00	14.29	10.51	2.00	0.00	1.00	0.00
14.30	10.60	2.00	0.00	1.00	0.00	14.31	10.41	2.00	0.00	1.00	0.00
14.32	10.14	2.00	0.00	1.00	0.00	14.33	10.05	2.00	0.00	1.00	0.00
14.34	9.96	2.00	0.00	1.00	0.00	14.35	9.87	2.00	0.00	1.00	0.00
14.36	9.86	2.00	0.00	1.00	0.00	14.37	9.95	2.00	0.00	1.00	0.00
14.38	10.12	2.00	0.00	1.00	0.00	14.39	10.29	2.00	0.00	1.00	0.00
14.40	10.47	2.00	0.00	1.00	0.00	14.41	10.64	2.00	0.00	1.00	0.00
14.42	10.82	2.00	0.00	1.00	0.00	14.43	10.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	10.63	2.00	0.00	1.00	0.00	14.45	10.63	2.00	0.00	1.00	0.00
14.46	10.62	2.00	0.00	1.00	0.00	14.47	10.53	2.00	0.00	1.00	0.00
14.48	10.44	2.00	0.00	1.00	0.00	14.49	10.35	2.00	0.00	1.00	0.00
14.50	10.34	2.00	0.00	1.00	0.00	14.51	10.34	2.00	0.00	1.00	0.00
14.52	10.34	2.00	0.00	1.00	0.00	14.53	10.33	2.00	0.00	1.00	0.00
14.54	10.33	2.00	0.00	1.00	0.00	14.55	10.41	2.00	0.00	1.00	0.00
14.56	10.67	2.00	0.00	1.00	0.00	14.57	10.67	2.00	0.00	1.00	0.00
14.58	10.58	2.00	0.00	1.00	0.00	14.59	10.49	2.00	0.00	1.00	0.00
14.60	10.48	2.00	0.00	1.00	0.00	14.61	10.39	2.00	0.00	1.00	0.00
14.62	10.39	2.00	0.00	1.00	0.00	14.63	10.47	2.00	0.00	1.00	0.00
14.64	10.56	2.00	0.00	1.00	0.00	14.65	10.82	2.00	0.00	1.00	0.00
14.66	10.90	2.00	0.00	1.00	0.00	14.67	11.07	2.00	0.00	1.00	0.00
14.68	11.07	2.00	0.00	1.00	0.00	14.69	11.06	2.00	0.00	1.00	0.00
14.70	11.15	2.00	0.00	1.00	0.00	14.71	11.14	2.00	0.00	1.00	0.00
14.72	10.88	2.00	0.00	1.00	0.00	14.73	11.22	2.00	0.00	1.00	0.00
14.74	11.22	2.00	0.00	1.00	0.00	14.75	11.13	2.00	0.00	1.00	0.00
14.76	11.12	2.00	0.00	1.00	0.00	14.77	11.03	2.00	0.00	1.00	0.00
14.78	11.03	2.00	0.00	1.00	0.00	14.79	11.02	2.00	0.00	1.00	0.00
14.80	11.11	2.00	0.00	1.00	0.00	14.81	11.10	2.00	0.00	1.00	0.00
14.82	11.10	2.00	0.00	1.00	0.00	14.83	11.10	2.00	0.00	1.00	0.00
14.84	11.09	2.00	0.00	1.00	0.00	14.85	11.17	2.00	0.00	1.00	0.00
14.86	11.26	2.00	0.00	1.00	0.00	14.87	11.17	2.00	0.00	1.00	0.00
14.88	10.99	2.00	0.00	1.00	0.00	14.89	10.72	2.00	0.00	1.00	0.00
14.90	10.63	2.00	0.00	1.00	0.00	14.91	10.54	2.00	0.00	1.00	0.00
14.92	10.45	2.00	0.00	1.00	0.00	14.93	10.27	2.00	0.00	1.00	0.00
14.94	10.18	2.00	0.00	1.00	0.00	14.95	10.00	2.00	0.00	1.00	0.00
14.96	9.91	2.00	0.00	1.00	0.00	14.97	9.73	2.00	0.00	1.00	0.00
14.98	9.73	2.00	0.00	1.00	0.00	14.99	9.64	2.00	0.00	1.00	0.00
15.00	9.55	2.00	0.00	1.00	0.00	15.01	9.46	2.00	0.00	1.00	0.00
15.02	9.54	2.00	0.00	1.00	0.00	15.03	9.54	2.00	0.00	1.00	0.00
15.04	9.54	2.00	0.00	1.00	0.00	15.05	9.53	2.00	0.00	1.00	0.00
15.06	9.53	2.00	0.00	1.00	0.00	15.07	9.44	2.00	0.00	1.00	0.00
15.08	9.44	2.00	0.00	1.00	0.00	15.09	9.43	2.00	0.00	1.00	0.00
15.10	9.52	2.00	0.00	1.00	0.00	15.11	9.25	2.00	0.00	1.00	0.00
15.12	9.16	2.00	0.00	1.00	0.00	15.13	8.99	2.00	0.00	1.00	0.00
15.14	8.90	2.00	0.00	1.00	0.00	15.15	8.64	2.00	0.00	1.00	0.00
15.16	8.63	2.00	0.00	1.00	0.00	15.17	8.37	2.00	0.00	1.00	0.00
15.18	8.28	2.00	0.00	1.00	0.00	15.19	8.11	2.00	0.00	1.00	0.00
15.20	7.93	2.00	0.00	1.00	0.00	15.21	7.84	2.00	0.00	1.00	0.00
15.22	7.84	2.00	0.00	1.00	0.00	15.23	7.75	2.00	0.00	1.00	0.00
15.24	7.75	2.00	0.00	1.00	0.00	15.25	7.83	2.00	0.00	1.00	0.00
15.26	7.92	2.00	0.00	1.00	0.00	15.27	8.00	2.00	0.00	1.00	0.00
15.28	8.34	2.00	0.00	1.00	0.00	15.29	8.51	2.00	0.00	1.00	0.00
15.30	8.68	2.00	0.00	1.00	0.00	15.31	8.93	2.00	0.00	1.00	0.00
15.32	9.36	2.00	0.00	1.00	0.00	15.33	9.78	2.00	0.00	1.00	0.00
15.34	9.95	2.00	0.00	1.00	0.00	15.35	10.21	2.00	0.00	1.00	0.00
15.36	10.38	2.00	0.00	1.00	0.00	15.37	10.63	2.00	0.00	1.00	0.00
15.38	10.80	2.00	0.00	1.00	0.00	15.39	11.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	11.22	2.00	0.00	1.00	0.00	15.41	11.39	2.00	0.00	1.00	0.00
15.42	11.56	2.00	0.00	1.00	0.00	15.43	11.73	2.00	0.00	1.00	0.00
15.44	12.07	2.00	0.00	1.00	0.00	15.45	12.23	2.00	0.00	1.00	0.00
15.46	12.49	2.00	0.00	1.00	0.00	15.47	12.65	2.00	0.00	1.00	0.00
15.48	12.91	2.00	0.00	1.00	0.00	15.49	13.08	2.00	0.00	1.00	0.00
15.50	13.33	2.00	0.00	1.00	0.00	15.51	13.58	2.00	0.00	1.00	0.00
15.52	13.58	2.00	0.00	1.00	0.00	15.53	13.57	2.00	0.00	1.00	0.00
15.54	13.65	2.00	0.00	1.00	0.00	15.55	13.91	2.00	0.00	1.00	0.00
15.56	14.42	2.00	0.00	1.00	0.00	15.57	14.59	2.00	0.00	1.00	0.00
15.58	14.84	2.00	0.00	1.00	0.00	15.59	14.92	2.00	0.00	1.00	0.00
15.60	15.00	2.00	0.00	1.00	0.00	15.61	15.16	2.00	0.00	1.00	0.00
15.62	15.42	2.00	0.00	1.00	0.00	15.63	15.50	2.00	0.00	1.00	0.00
15.64	15.49	2.00	0.00	1.00	0.00	15.65	15.66	2.00	0.00	1.00	0.00
15.66	15.83	2.00	0.00	1.00	0.00	15.67	15.91	2.00	0.00	1.00	0.00
15.68	16.07	2.00	0.00	1.00	0.00	15.69	16.07	2.00	0.00	1.00	0.00
15.70	16.15	2.00	0.00	1.00	0.00	15.71	16.14	2.00	0.00	1.00	0.00
15.72	16.05	2.00	0.00	1.00	0.00	15.73	15.96	2.00	0.00	1.00	0.00
15.74	16.13	2.00	0.00	1.00	0.00	15.75	16.21	2.00	0.00	1.00	0.00
15.76	16.20	2.00	0.00	1.00	0.00	15.77	16.02	2.00	0.00	1.00	0.00
15.78	16.02	2.00	0.00	1.00	0.00	15.79	16.01	2.00	0.00	1.00	0.00
15.80	15.75	2.00	0.00	1.00	0.00	15.81	15.66	2.00	0.00	1.00	0.00
15.82	15.14	2.00	0.00	1.00	0.00	15.83	14.88	2.00	0.00	1.00	0.00
15.84	14.36	2.00	0.00	1.00	0.00	15.85	14.27	2.00	0.00	1.00	0.00
15.86	13.75	2.00	0.00	1.00	0.00	15.87	13.83	2.00	0.00	1.00	0.00
15.88	13.74	2.00	0.00	1.00	0.00	15.89	13.48	2.00	0.00	1.00	0.00
15.90	13.39	2.00	0.00	1.00	0.00	15.91	13.13	2.00	0.00	1.00	0.00
15.92	13.04	2.00	0.00	1.00	0.00	15.93	12.95	2.00	0.00	1.00	0.00
15.94	12.87	2.00	0.00	1.00	0.00	15.95	12.69	2.00	0.00	1.00	0.00
15.96	12.60	2.00	0.00	1.00	0.00	15.97	12.26	2.00	0.00	1.00	0.00
15.98	12.17	2.00	0.00	1.00	0.00	15.99	11.74	2.00	0.00	1.00	0.00
16.00	11.49	2.00	0.00	1.00	0.00	16.01	11.31	2.00	0.00	1.00	0.00
16.02	11.14	2.00	0.00	1.00	0.00	16.03	11.14	2.00	0.00	1.00	0.00
16.04	11.22	2.00	0.00	1.00	0.00	16.05	11.30	2.00	0.00	1.00	0.00
16.06	11.55	2.00	0.00	1.00	0.00	16.07	11.88	2.00	0.00	1.00	0.00
16.08	11.88	2.00	0.00	1.00	0.00	16.09	11.87	2.00	0.00	1.00	0.00
16.10	13.38	2.00	0.00	1.00	0.00	16.11	13.72	2.00	0.00	1.00	0.00
16.12	13.97	2.00	0.00	1.00	0.00	16.13	14.13	2.00	0.00	1.00	0.00
16.14	14.46	2.00	0.00	1.00	0.00	16.15	14.54	2.00	0.00	1.00	0.00
16.16	14.62	2.00	0.00	1.00	0.00	16.17	14.87	2.00	0.00	1.00	0.00
16.18	15.20	2.00	0.00	1.00	0.00	16.19	15.53	2.00	0.00	1.00	0.00
16.20	15.70	2.00	0.00	1.00	0.00	16.21	15.94	2.00	0.00	1.00	0.00
16.22	16.28	2.00	0.00	1.00	0.00	16.23	16.44	2.00	0.00	1.00	0.00
16.24	16.69	2.00	0.00	1.00	0.00	16.25	16.85	2.00	0.00	1.00	0.00
16.26	16.85	2.00	0.00	1.00	0.00	16.27	16.84	2.00	0.00	1.00	0.00
16.28	16.84	2.00	0.00	1.00	0.00	16.29	16.66	2.00	0.00	1.00	0.00
16.30	16.57	2.00	0.00	1.00	0.00	16.31	16.31	2.00	0.00	1.00	0.00
16.32	16.48	2.00	0.00	1.00	0.00	16.33	16.56	2.00	0.00	1.00	0.00
16.34	16.80	2.00	0.00	1.00	0.00	16.35	16.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

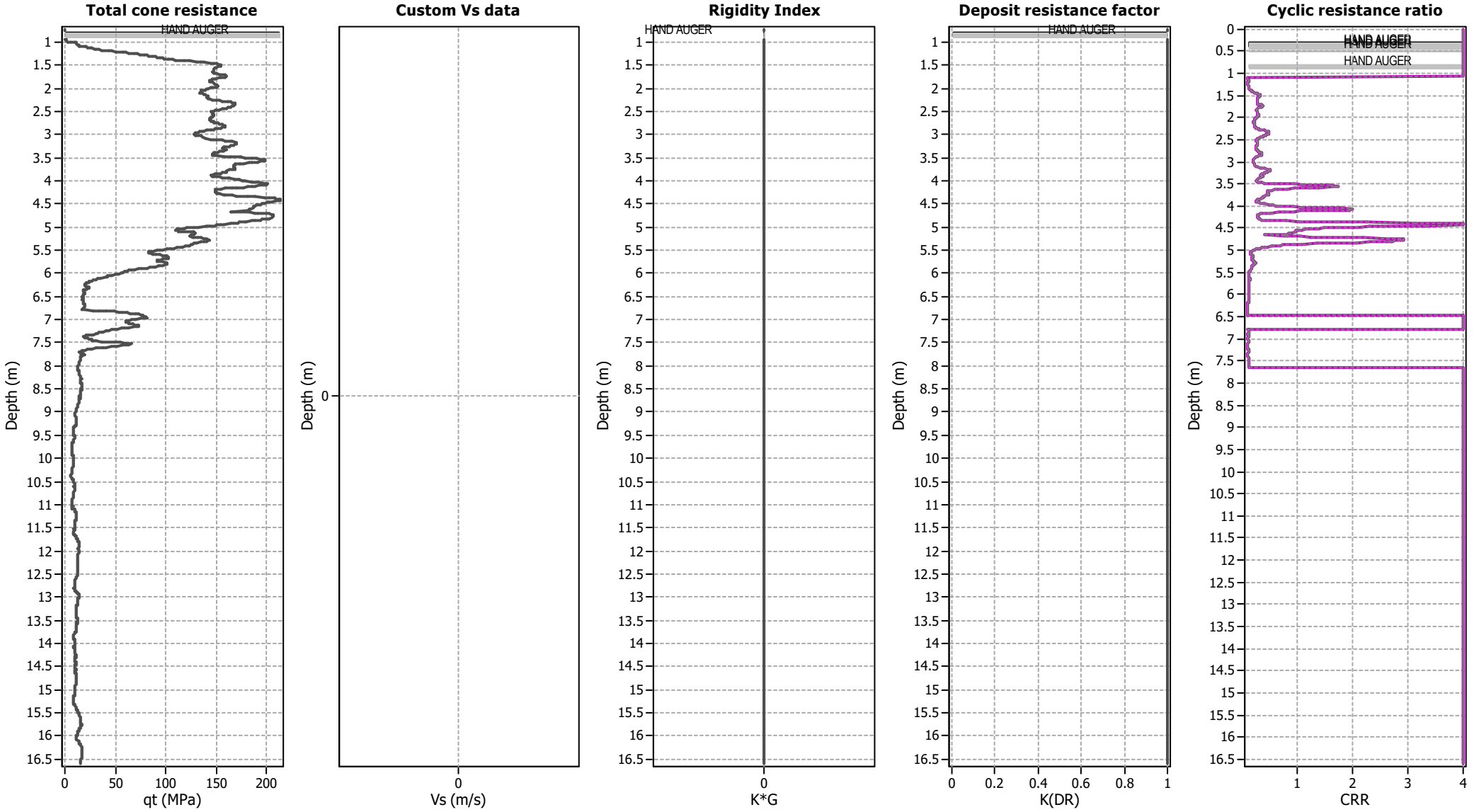
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	16.96	2.00	0.00	1.00	0.00	16.37	16.95	2.00	0.00	1.00	0.00
16.38	16.86	2.00	0.00	1.00	0.00	16.39	16.77	2.00	0.00	1.00	0.00
16.40	16.93	2.00	0.00	1.00	0.00	16.41	16.93	2.00	0.00	1.00	0.00
16.42	16.67	2.00	0.00	1.00	0.00	16.43	16.58	2.00	0.00	1.00	0.00
16.44	16.57	2.00	0.00	1.00	0.00	16.45	16.57	2.00	0.00	1.00	0.00
16.46	16.48	2.00	0.00	1.00	0.00	16.47	16.39	2.00	0.00	1.00	0.00
16.48	16.38	2.00	0.00	1.00	0.00	16.49	16.29	2.00	0.00	1.00	0.00
16.50	16.12	2.00	0.00	1.00	0.00	16.51	16.03	2.00	0.00	1.00	0.00
16.52	15.86	2.00	0.00	1.00	0.00	16.53	15.52	2.00	0.00	1.00	0.00
16.54	15.34	2.00	0.00	1.00	0.00	16.55	15.34	2.00	0.00	1.00	0.00
16.56	15.33	2.00	0.00	1.00	0.00	16.57	15.33	2.00	0.00	1.00	0.00
16.58	15.49	2.00	0.00	1.00	0.00	16.59	15.82	2.00	0.00	1.00	0.00
16.60	16.06	2.00	0.00	1.00	0.00						

Total estimated settlement: 9.72

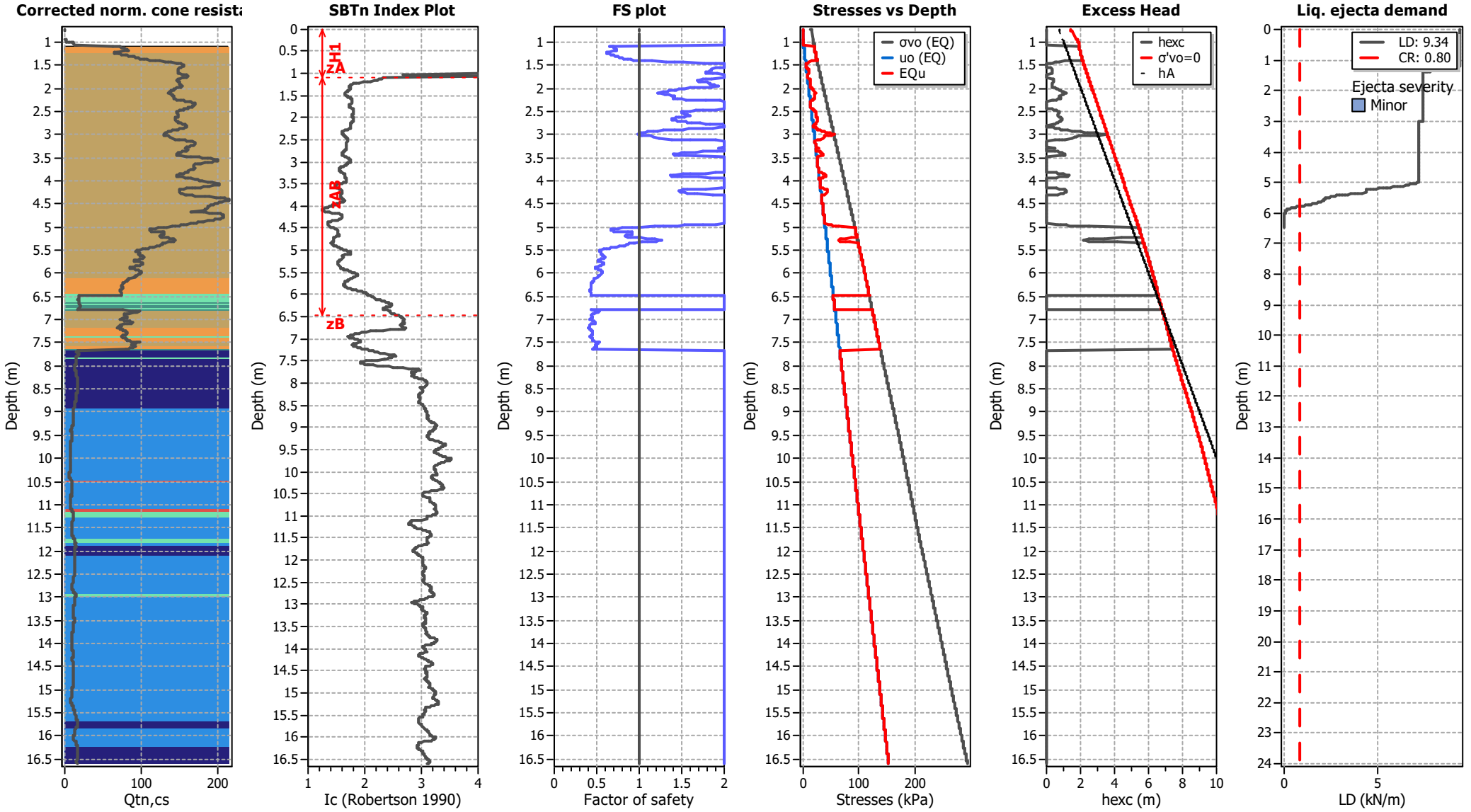
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



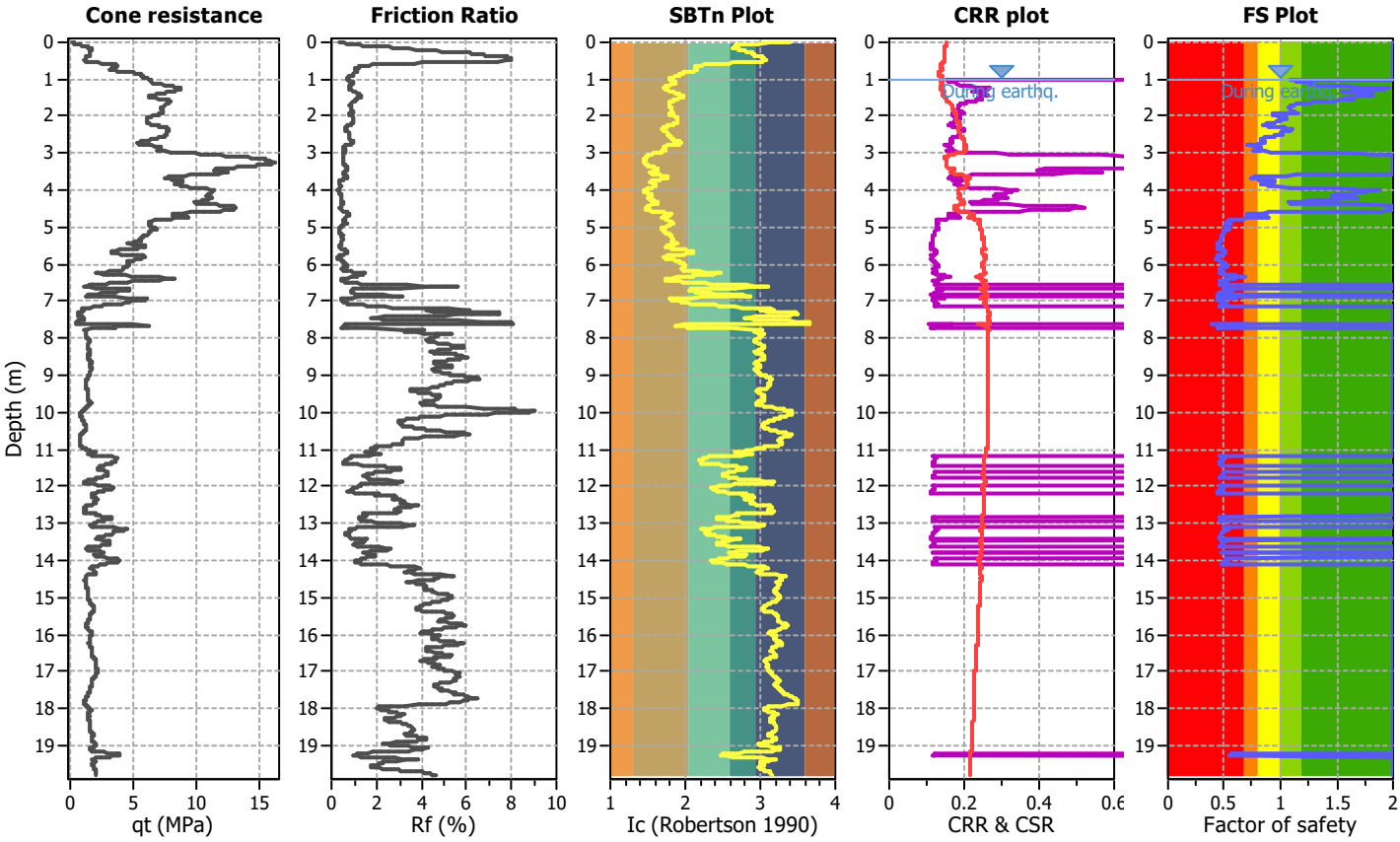
LIQUEFACTION ANALYSIS REPORT

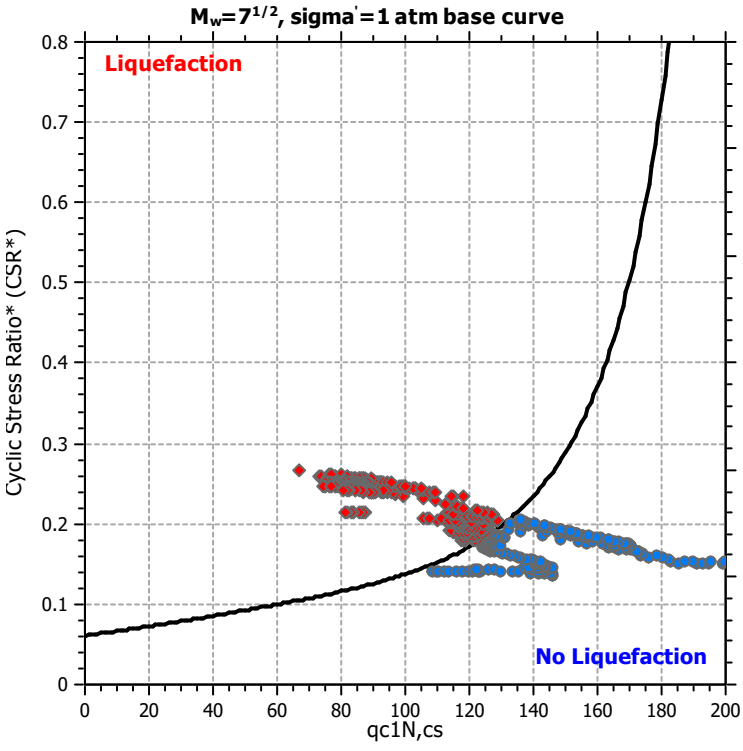
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

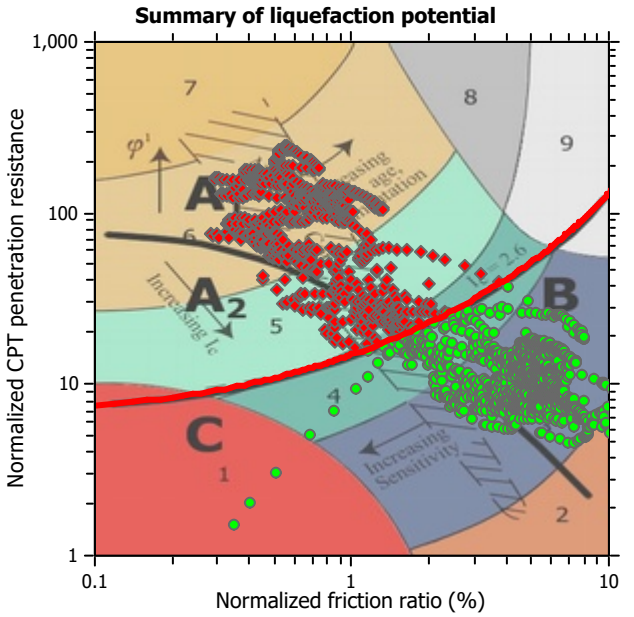
CPT file : 040008P1013CPTU1014

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

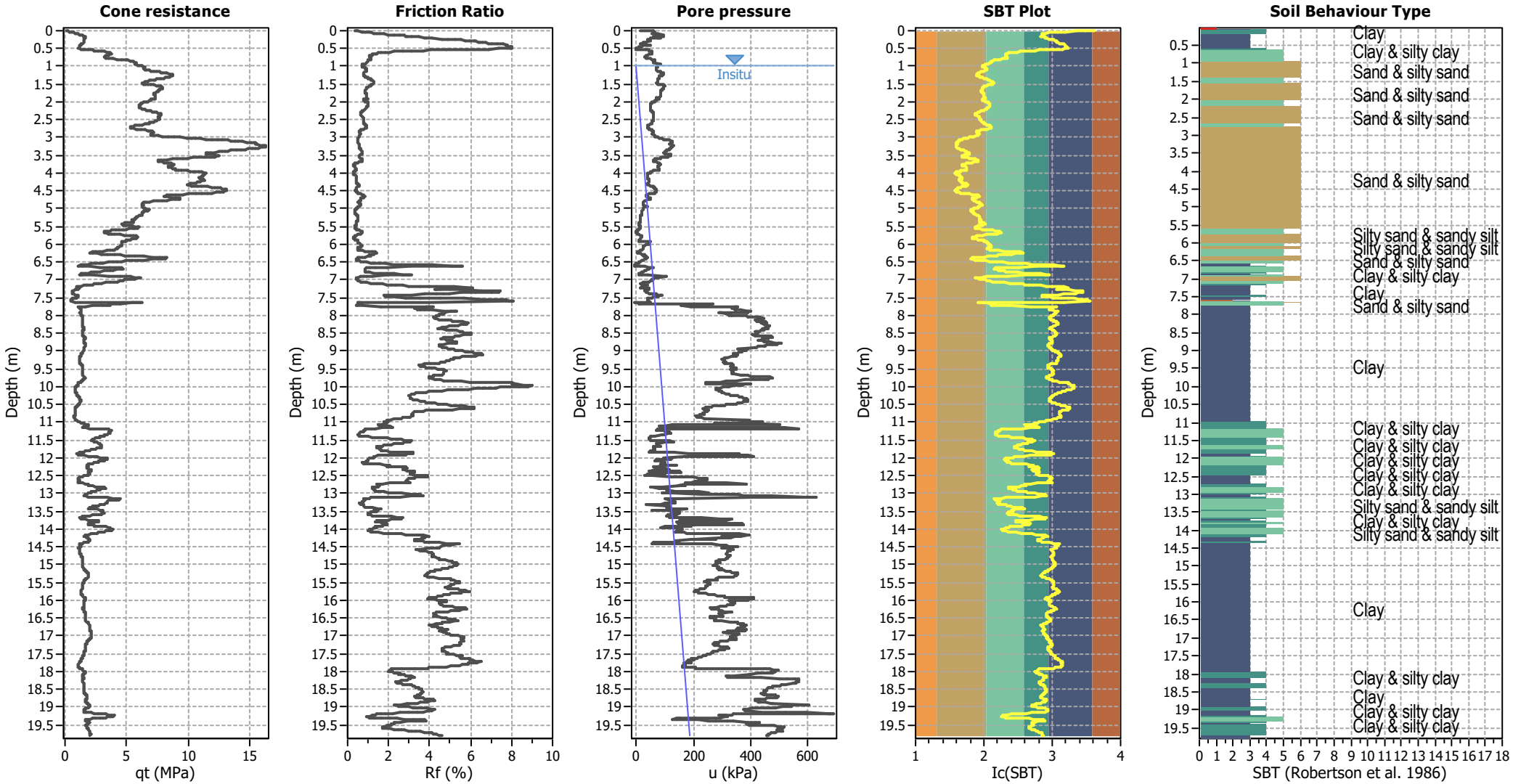






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



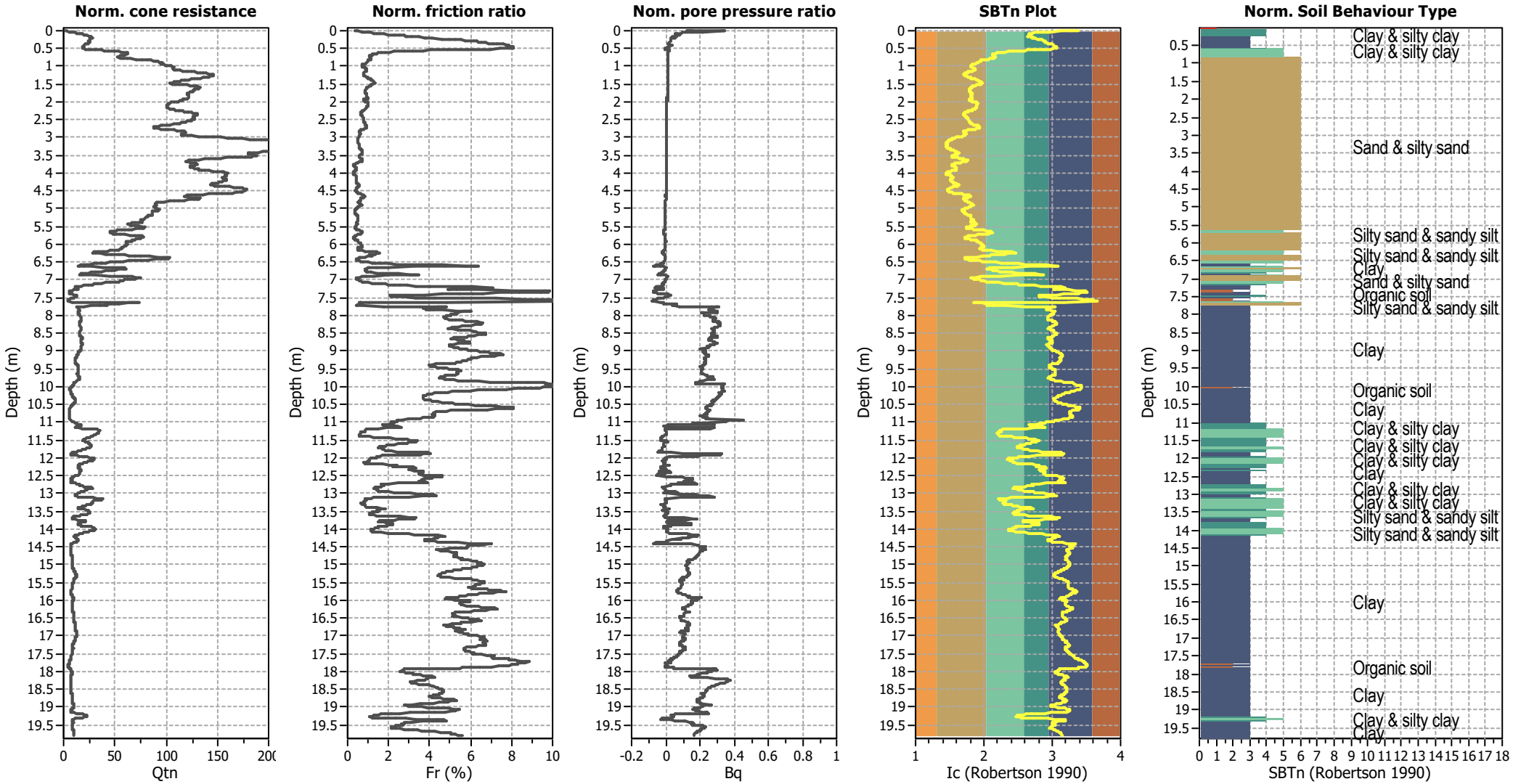
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



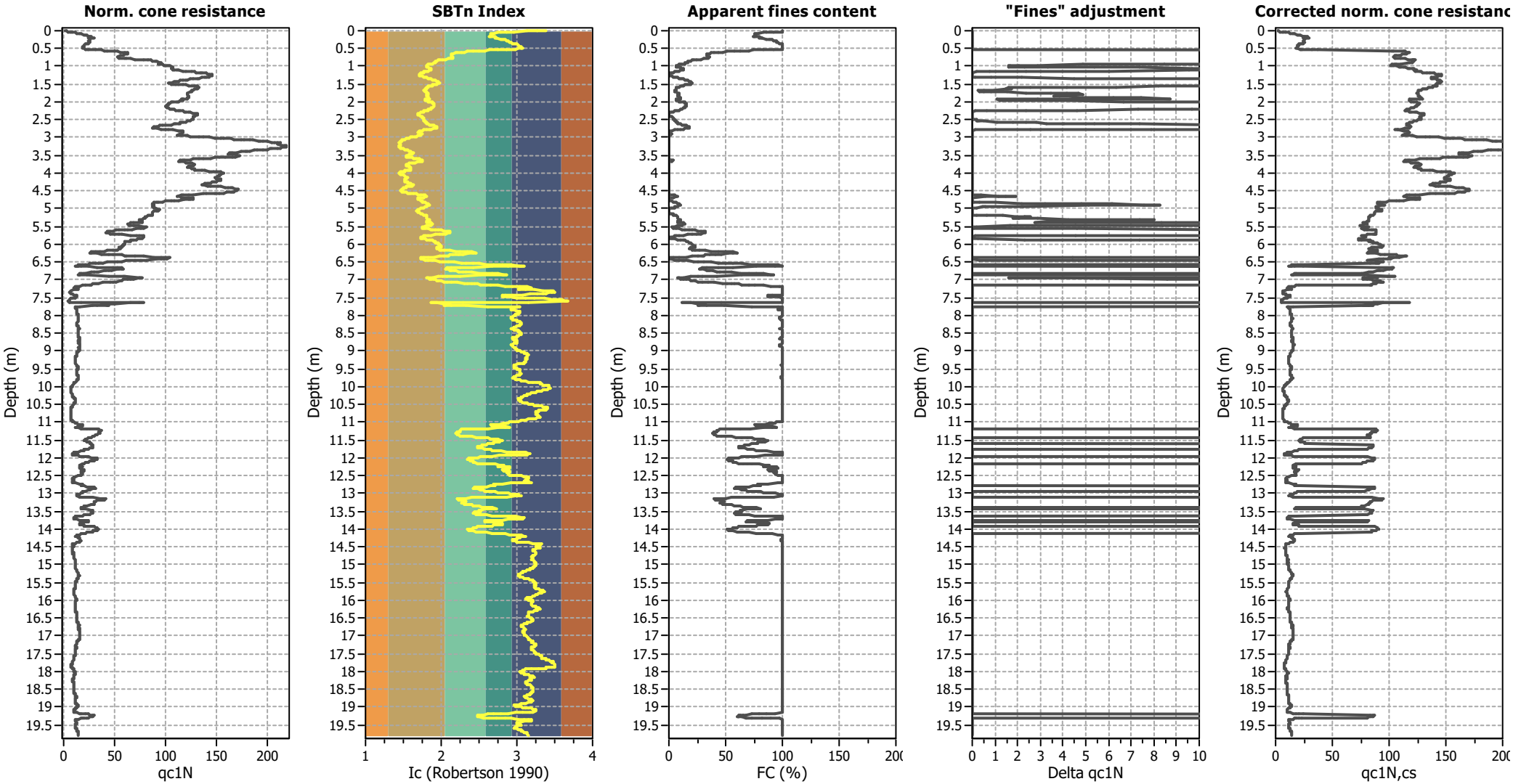
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

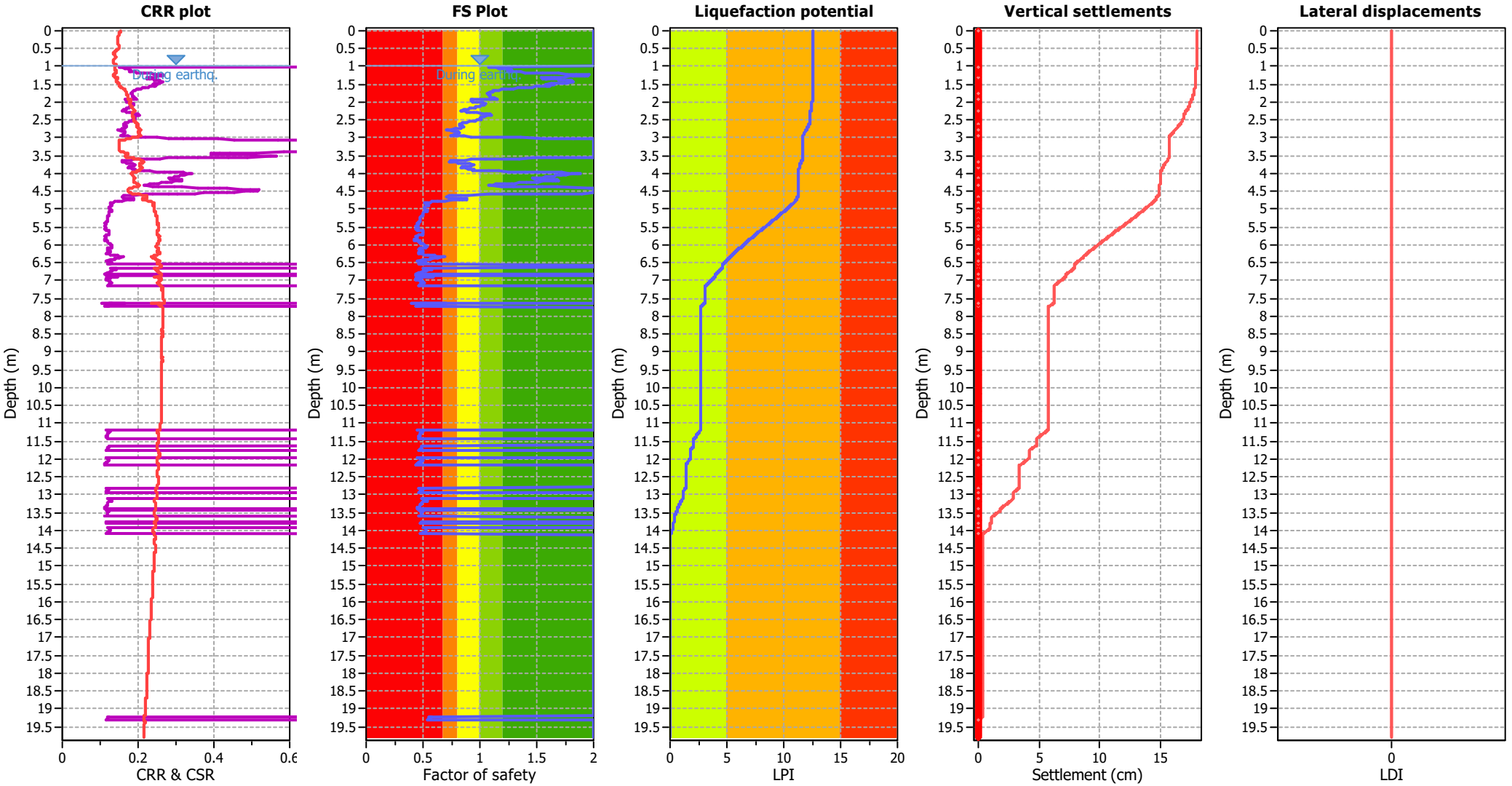
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

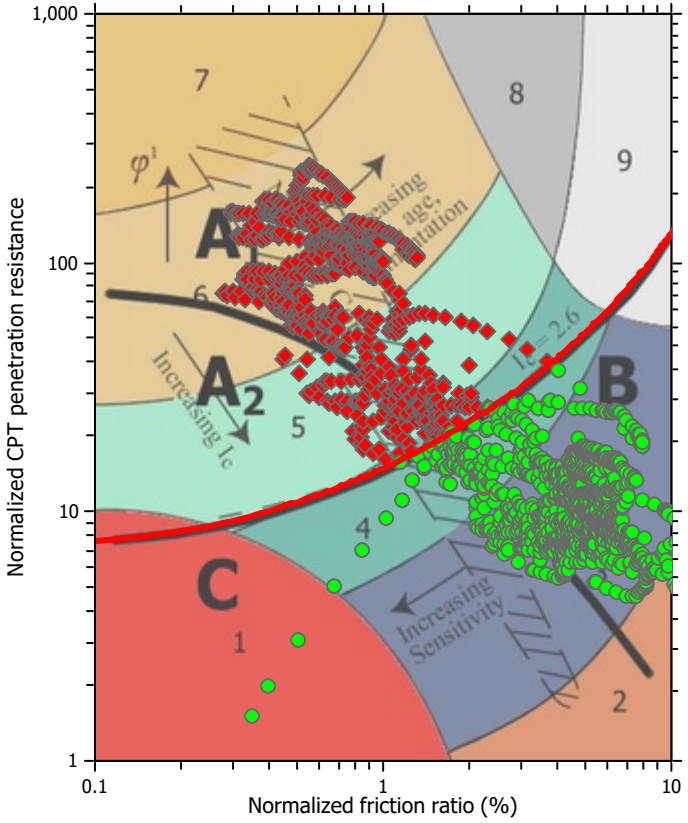
F.S. color scheme

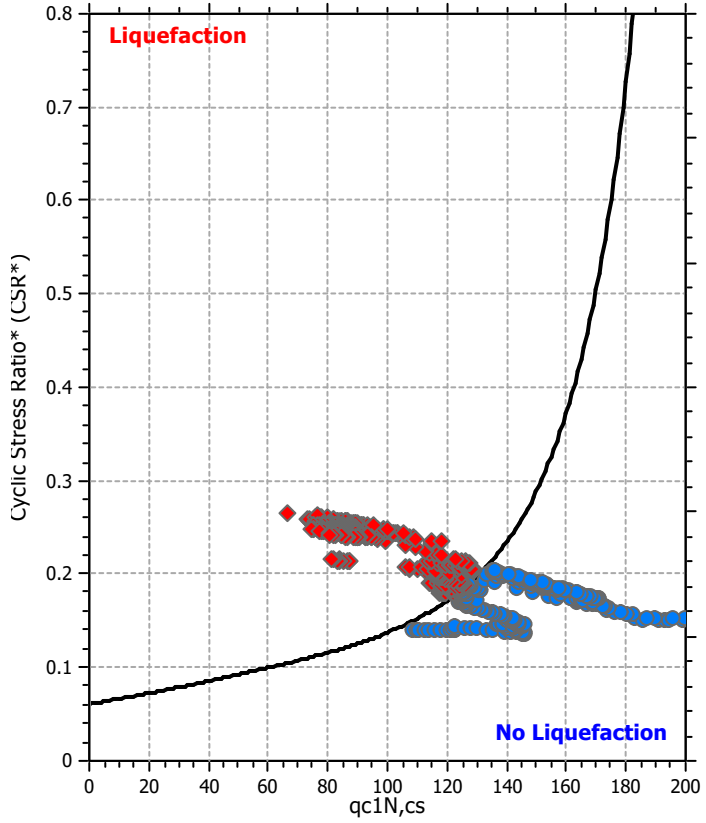
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

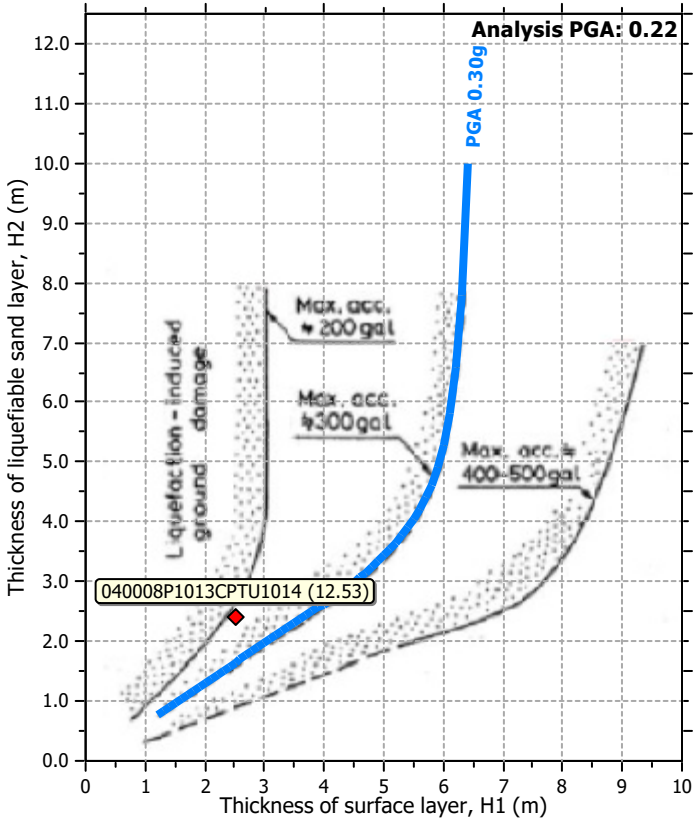
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



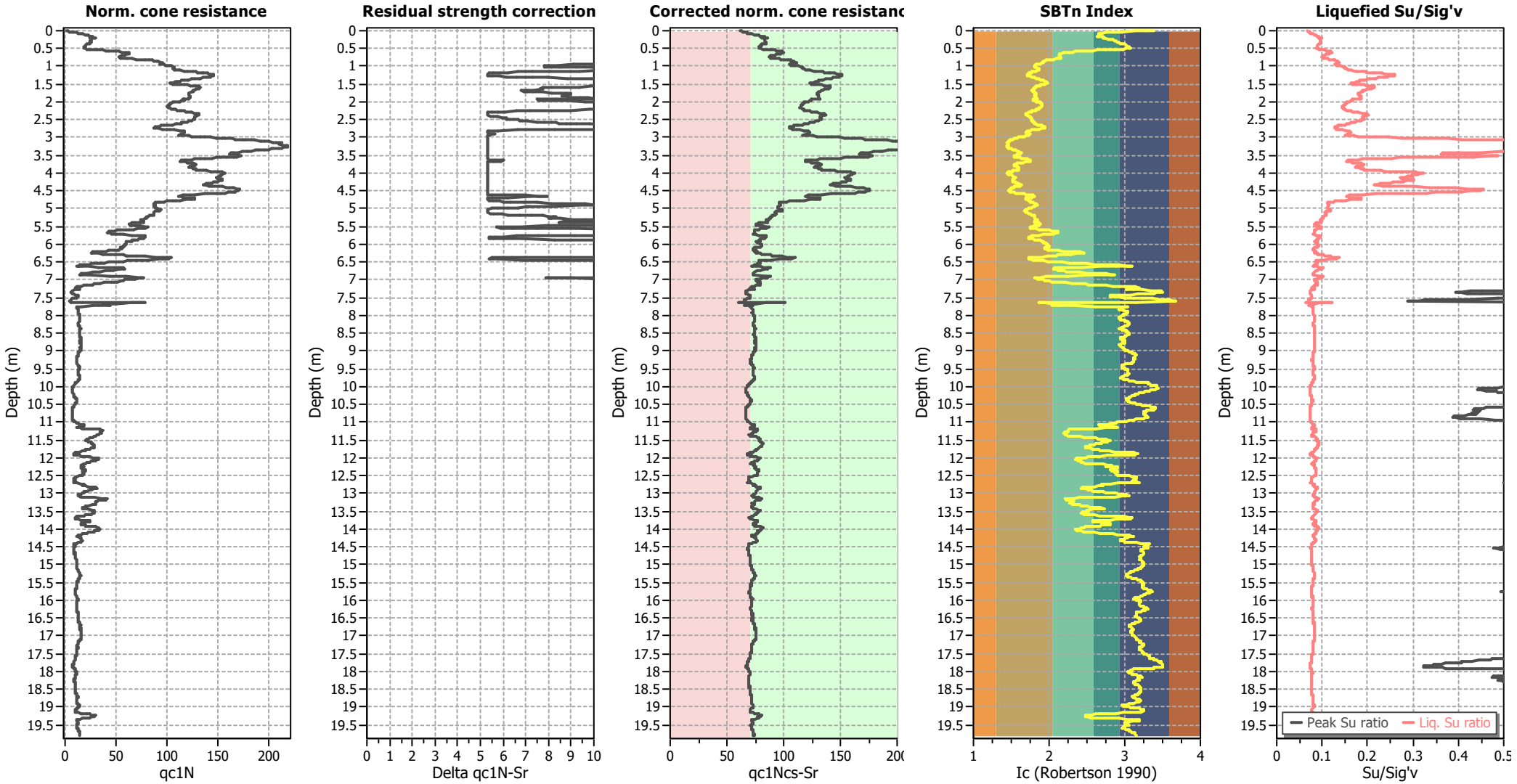




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.08	0.00	0.00	0.01	0.00	1.02	1.09	0.00	0.00	0.01	0.00
1.03	1.10	0.00	0.00	0.01	0.00	1.04	1.12	0.00	0.00	0.01	0.00
1.05	1.14	0.00	0.00	0.01	0.00	1.06	1.17	0.00	0.00	0.01	0.00
1.07	1.20	0.00	0.00	0.01	0.00	1.08	1.23	0.00	0.00	0.01	0.00
1.09	1.26	0.00	0.00	0.01	0.00	1.10	1.28	0.00	0.00	0.01	0.00
1.11	1.28	0.00	0.00	0.01	0.00	1.12	1.29	0.00	0.00	0.01	0.00
1.13	1.24	0.00	0.00	0.01	0.00	1.14	1.26	0.00	0.00	0.01	0.00
1.15	1.25	0.00	0.00	0.01	0.00	1.16	1.32	0.00	0.00	0.01	0.00
1.17	1.36	0.00	0.00	0.01	0.00	1.18	1.40	0.00	0.00	0.01	0.00
1.19	1.50	0.00	0.00	0.01	0.00	1.20	1.55	0.00	0.00	0.01	0.00
1.21	1.70	0.00	0.00	0.01	0.00	1.22	1.77	0.00	0.00	0.01	0.00
1.23	1.84	0.00	0.00	0.01	0.00	1.24	1.96	0.00	0.00	0.01	0.00
1.25	1.97	0.00	0.00	0.01	0.00	1.26	1.95	0.00	0.00	0.01	0.00
1.27	1.92	0.00	0.00	0.01	0.00	1.28	1.83	0.00	0.00	0.01	0.00
1.29	1.78	0.00	0.00	0.01	0.00	1.30	1.74	0.00	0.00	0.01	0.00
1.31	1.65	0.00	0.00	0.01	0.00	1.32	1.62	0.00	0.00	0.01	0.00
1.33	1.54	0.00	0.00	0.01	0.00	1.34	1.55	0.00	0.00	0.01	0.00
1.35	1.59	0.00	0.00	0.01	0.00	1.36	1.58	0.00	0.00	0.01	0.00
1.37	1.70	0.00	0.00	0.01	0.00	1.38	1.69	0.00	0.00	0.01	0.00
1.39	1.77	0.00	0.00	0.01	0.00	1.40	1.81	0.00	0.00	0.01	0.00
1.41	1.77	0.00	0.00	0.01	0.00	1.42	1.82	0.00	0.00	0.01	0.00
1.43	1.80	0.00	0.00	0.01	0.00	1.44	1.81	0.00	0.00	0.01	0.00
1.45	1.83	0.00	0.00	0.01	0.00	1.46	1.75	0.00	0.00	0.01	0.00
1.47	1.73	0.00	0.00	0.01	0.00	1.48	1.65	0.00	0.00	0.01	0.00
1.49	1.62	0.00	0.00	0.01	0.00	1.50	1.58	0.00	0.00	0.01	0.00
1.51	1.61	0.00	0.00	0.01	0.00	1.52	1.58	0.00	0.00	0.01	0.00
1.53	1.65	0.00	0.00	0.01	0.00	1.54	1.63	0.00	0.00	0.01	0.00
1.55	1.59	0.00	0.00	0.01	0.00	1.56	1.61	0.00	0.00	0.01	0.00
1.57	1.52	0.00	0.00	0.01	0.00	1.58	1.49	0.00	0.00	0.01	0.00
1.59	1.46	0.00	0.00	0.01	0.00	1.60	1.40	0.00	0.00	0.01	0.00
1.61	1.37	0.00	0.00	0.01	0.00	1.62	1.34	0.00	0.00	0.01	0.00
1.63	1.29	0.00	0.00	0.01	0.00	1.64	1.27	0.00	0.00	0.01	0.00
1.65	1.23	0.00	0.00	0.01	0.00	1.66	1.20	0.00	0.00	0.01	0.00
1.67	1.17	0.00	0.00	0.01	0.00	1.68	1.14	0.00	0.00	0.01	0.00
1.69	1.13	0.00	0.00	0.01	0.00	1.70	1.12	0.00	0.00	0.01	0.00
1.71	1.11	0.00	0.00	0.01	0.00	1.72	1.10	0.00	0.00	0.01	0.00
1.73	1.09	0.00	0.00	0.01	0.00	1.74	1.09	0.00	0.00	0.01	0.00
1.75	1.07	0.00	0.00	0.01	0.00	1.76	1.08	0.00	0.00	0.01	0.00
1.77	1.08	0.00	0.00	0.01	0.00	1.78	1.08	0.00	0.00	0.01	0.00
1.79	1.09	0.00	0.00	0.01	0.00	1.80	1.08	0.00	0.00	0.01	0.00
1.81	1.08	0.00	0.00	0.01	0.00	1.82	1.08	0.00	0.00	0.01	0.00
1.83	1.09	0.00	0.00	0.01	0.00	1.84	1.08	0.00	0.00	0.01	0.00
1.85	1.09	0.00	0.00	0.01	0.00	1.86	1.09	0.00	0.00	0.01	0.00
1.87	1.10	0.00	0.00	0.01	0.00	1.88	1.10	0.00	0.00	0.01	0.00
1.89	1.12	0.00	0.00	0.01	0.00	1.90	1.13	0.00	0.00	0.01	0.00
1.91	1.15	0.00	0.00	0.01	0.00	1.92	1.09	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.94	0.00	0.00	0.01	0.01	1.94	0.92	0.00	0.00	0.01	0.01
1.95	0.93	0.00	0.00	0.01	0.01	1.96	0.93	0.00	0.00	0.01	0.01
1.97	0.93	0.00	0.00	0.01	0.01	1.98	0.93	0.00	0.00	0.01	0.01
1.99	0.94	0.00	0.00	0.01	0.01	2.00	0.97	0.00	0.00	0.01	0.00
2.01	0.98	0.00	0.00	0.01	0.00	2.02	1.02	0.00	0.00	0.01	0.00
2.03	1.04	0.00	0.00	0.01	0.00	2.04	1.05	0.00	0.00	0.01	0.00
2.05	1.05	0.00	0.00	0.01	0.00	2.06	1.05	0.00	0.00	0.01	0.00
2.07	1.05	0.00	0.00	0.01	0.00	2.08	1.04	0.00	0.00	0.01	0.00
2.09	1.04	0.00	0.00	0.01	0.00	2.10	1.03	0.00	0.00	0.01	0.00
2.11	1.01	0.00	0.00	0.01	0.00	2.12	1.00	0.00	0.00	0.01	0.00
2.13	0.99	0.00	0.00	0.01	0.00	2.14	0.98	0.00	0.00	0.01	0.00
2.15	0.97	0.00	0.00	0.01	0.00	2.16	0.96	0.00	0.00	0.01	0.00
2.17	0.94	0.00	0.00	0.01	0.00	2.18	0.92	0.00	0.00	0.01	0.01
2.19	0.92	0.00	0.00	0.01	0.01	2.20	0.90	0.00	0.00	0.01	0.01
2.21	0.88	0.00	0.00	0.01	0.01	2.22	0.87	0.00	0.00	0.01	0.01
2.23	0.85	0.00	0.00	0.01	0.01	2.24	0.83	0.00	0.00	0.01	0.01
2.25	0.84	0.00	0.00	0.01	0.01	2.26	0.84	0.00	0.00	0.01	0.01
2.27	0.87	0.00	0.00	0.01	0.01	2.28	0.89	0.00	0.00	0.01	0.01
2.29	0.90	0.00	0.00	0.01	0.01	2.30	0.95	0.00	0.00	0.01	0.00
2.31	0.98	0.00	0.00	0.01	0.00	2.32	1.03	0.00	0.00	0.01	0.00
2.33	1.05	0.00	0.00	0.01	0.00	2.34	1.07	0.00	0.00	0.01	0.00
2.35	1.09	0.00	0.00	0.01	0.00	2.36	1.10	0.00	0.00	0.01	0.00
2.37	1.10	0.00	0.00	0.01	0.00	2.38	1.09	0.00	0.00	0.01	0.00
2.39	1.06	0.00	0.00	0.01	0.00	2.40	1.04	0.00	0.00	0.01	0.00
2.41	1.01	0.00	0.00	0.01	0.00	2.42	1.02	0.00	0.00	0.01	0.00
2.43	1.02	0.00	0.00	0.01	0.00	2.44	1.00	0.00	0.00	0.01	0.00
2.45	1.00	0.00	0.00	0.01	0.00	2.46	1.01	0.00	0.00	0.01	0.00
2.47	1.02	0.00	0.00	0.01	0.00	2.48	1.02	0.00	0.00	0.01	0.00
2.49	1.01	0.00	0.00	0.01	0.00	2.50	0.99	0.00	0.00	0.01	0.00
2.51	0.97	0.00	0.00	0.01	0.00	2.52	0.96	0.00	0.00	0.01	0.00
2.53	0.96	0.00	0.00	0.01	0.00	2.54	0.95	0.00	0.00	0.01	0.00
2.55	0.94	0.00	0.00	0.01	0.00	2.56	0.91	0.00	0.00	0.01	0.01
2.57	0.89	0.00	0.00	0.01	0.01	2.58	0.87	0.00	0.00	0.01	0.01
2.59	0.86	0.00	0.00	0.01	0.01	2.60	0.85	0.00	0.00	0.01	0.01
2.61	0.84	0.00	0.00	0.01	0.01	2.62	0.83	0.00	0.00	0.01	0.01
2.63	0.82	0.00	0.00	0.01	0.02	2.64	0.82	0.00	0.00	0.01	0.02
2.65	0.83	0.00	0.00	0.01	0.01	2.66	0.82	0.00	0.00	0.01	0.02
2.67	0.85	0.00	0.00	0.01	0.01	2.68	0.85	0.00	0.00	0.01	0.01
2.69	0.85	0.00	0.00	0.01	0.01	2.70	0.86	0.00	0.00	0.01	0.01
2.71	0.84	0.00	0.00	0.01	0.01	2.72	0.84	0.00	0.00	0.01	0.01
2.73	0.83	0.00	0.00	0.01	0.01	2.74	0.82	0.00	0.00	0.01	0.02
2.75	0.80	0.20	1.63	0.01	0.02	2.76	0.78	0.22	1.46	0.01	0.02
2.77	0.74	0.26	1.15	0.01	0.02	2.78	0.72	0.28	0.99	0.01	0.02
2.79	0.70	0.30	0.93	0.01	0.03	2.80	0.71	0.29	0.98	0.01	0.02
2.81	0.77	0.23	1.32	0.01	0.02	2.82	0.79	0.21	1.49	0.01	0.02
2.83	0.80	0.20	1.69	0.01	0.02	2.84	0.81	0.00	0.00	0.01	0.02
2.85	0.82	0.00	0.00	0.01	0.02	2.86	0.83	0.00	0.00	0.01	0.01
2.87	0.82	0.00	0.00	0.01	0.02	2.88	0.81	0.00	0.00	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.80	0.20	1.71	0.01	0.02	2.90	0.79	0.21	1.53	0.01	0.02
2.91	0.79	0.21	1.51	0.01	0.02	2.92	0.79	0.21	1.49	0.01	0.02
2.93	0.75	0.25	1.17	0.01	0.02	2.94	0.77	0.23	1.34	0.01	0.02
2.95	0.80	0.20	1.63	0.01	0.02	2.96	0.86	0.00	0.00	0.01	0.01
2.97	0.92	0.00	0.00	0.01	0.01	2.98	1.07	0.00	0.00	0.01	0.00
2.99	1.16	0.00	0.00	0.01	0.00	3.00	1.35	0.00	0.00	0.01	0.00
3.01	1.56	0.00	0.00	0.01	0.00	3.02	1.82	0.00	0.00	0.01	0.00
3.03	1.97	0.00	0.00	0.01	0.00	3.04	2.00	0.00	0.00	0.01	0.00
3.05	2.00	0.00	0.00	0.01	0.00	3.06	2.00	0.00	0.00	0.01	0.00
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	2.00	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	1.66	0.00	0.00	0.01	0.00	3.58	1.48	0.00	0.00	0.01	0.00
3.59	1.35	0.00	0.00	0.01	0.00	3.60	1.13	0.00	0.00	0.01	0.00
3.61	1.05	0.00	0.00	0.01	0.00	3.62	0.93	0.00	0.00	0.01	0.01
3.63	0.87	0.00	0.00	0.01	0.01	3.64	0.80	0.20	1.64	0.01	0.02
3.65	0.78	0.22	1.39	0.01	0.02	3.66	0.75	0.25	1.15	0.01	0.02
3.67	0.74	0.26	1.10	0.01	0.02	3.68	0.74	0.26	1.13	0.01	0.02
3.69	0.75	0.25	1.22	0.01	0.02	3.70	0.79	0.21	1.54	0.01	0.02
3.71	0.81	0.19	1.77	0.01	0.02	3.72	0.83	0.00	0.00	0.01	0.01
3.73	0.88	0.00	0.00	0.01	0.01	3.74	0.90	0.00	0.00	0.01	0.01
3.75	0.94	0.00	0.00	0.01	0.00	3.76	0.95	0.00	0.00	0.01	0.00
3.77	0.94	0.00	0.00	0.01	0.00	3.78	0.94	0.00	0.00	0.01	0.01
3.79	0.92	0.00	0.00	0.01	0.01	3.80	0.91	0.00	0.00	0.01	0.01
3.81	0.87	0.00	0.00	0.01	0.01	3.82	0.85	0.00	0.00	0.01	0.01
3.83	0.83	0.00	0.00	0.01	0.01	3.84	0.83	0.00	0.00	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.85	0.00	0.00	0.01	0.01	3.86	0.87	0.00	0.00	0.01	0.01
3.87	0.90	0.00	0.00	0.01	0.01	3.88	0.91	0.00	0.00	0.01	0.01
3.89	0.93	0.00	0.00	0.01	0.01	3.90	0.94	0.00	0.00	0.01	0.00
3.91	0.94	0.00	0.00	0.01	0.00	3.92	0.94	0.00	0.00	0.01	0.00
3.93	1.08	0.00	0.00	0.01	0.00	3.94	1.17	0.00	0.00	0.01	0.00
3.95	1.25	0.00	0.00	0.01	0.00	3.96	1.40	0.00	0.00	0.01	0.00
3.97	1.51	0.00	0.00	0.01	0.00	3.98	1.72	0.00	0.00	0.01	0.00
3.99	1.79	0.00	0.00	0.01	0.00	4.00	1.88	0.00	0.00	0.01	0.00
4.01	1.86	0.00	0.00	0.01	0.00	4.02	1.81	0.00	0.00	0.01	0.00
4.03	1.75	0.00	0.00	0.01	0.00	4.04	1.71	0.00	0.00	0.01	0.00
4.05	1.71	0.00	0.00	0.01	0.00	4.06	1.71	0.00	0.00	0.01	0.00
4.07	1.67	0.00	0.00	0.01	0.00	4.08	1.65	0.00	0.00	0.01	0.00
4.09	1.64	0.00	0.00	0.01	0.00	4.10	1.63	0.00	0.00	0.01	0.00
4.11	1.58	0.00	0.00	0.01	0.00	4.12	1.55	0.00	0.00	0.01	0.00
4.13	1.49	0.00	0.00	0.01	0.00	4.14	1.46	0.00	0.00	0.01	0.00
4.15	1.46	0.00	0.00	0.01	0.00	4.16	1.49	0.00	0.00	0.01	0.00
4.17	1.55	0.00	0.00	0.01	0.00	4.18	1.59	0.00	0.00	0.01	0.00
4.19	1.68	0.00	0.00	0.01	0.00	4.20	1.69	0.00	0.00	0.01	0.00
4.21	1.67	0.00	0.00	0.01	0.00	4.22	1.64	0.00	0.00	0.01	0.00
4.23	1.56	0.00	0.00	0.01	0.00	4.24	1.52	0.00	0.00	0.01	0.00
4.25	1.45	0.00	0.00	0.01	0.00	4.26	1.41	0.00	0.00	0.01	0.00
4.27	1.35	0.00	0.00	0.01	0.00	4.28	1.31	0.00	0.00	0.01	0.00
4.29	1.28	0.00	0.00	0.01	0.00	4.30	1.22	0.00	0.00	0.01	0.00
4.31	1.15	0.00	0.00	0.01	0.00	4.32	1.11	0.00	0.00	0.01	0.00
4.33	1.07	0.00	0.00	0.01	0.00	4.34	1.08	0.00	0.00	0.01	0.00
4.35	1.09	0.00	0.00	0.01	0.00	4.36	1.20	0.00	0.00	0.01	0.00
4.37	1.29	0.00	0.00	0.01	0.00	4.38	1.55	0.00	0.00	0.01	0.00
4.39	1.68	0.00	0.00	0.01	0.00	4.40	1.96	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	2.00	0.00	0.00	0.01	0.00
4.43	2.00	0.00	0.00	0.01	0.00	4.44	2.00	0.00	0.00	0.01	0.00
4.45	2.00	0.00	0.00	0.01	0.00	4.46	2.00	0.00	0.00	0.01	0.00
4.47	2.00	0.00	0.00	0.01	0.00	4.48	2.00	0.00	0.00	0.01	0.00
4.49	2.00	0.00	0.00	0.01	0.00	4.50	2.00	0.00	0.00	0.01	0.00
4.51	2.00	0.00	0.00	0.01	0.00	4.52	2.00	0.00	0.00	0.01	0.00
4.53	2.00	0.00	0.00	0.01	0.00	4.54	2.00	0.00	0.00	0.01	0.00
4.55	2.00	0.00	0.00	0.01	0.00	4.56	1.89	0.00	0.00	0.01	0.00
4.57	1.60	0.00	0.00	0.01	0.00	4.58	1.45	0.00	0.00	0.01	0.00
4.59	1.19	0.00	0.00	0.01	0.00	4.60	1.08	0.00	0.00	0.01	0.00
4.61	0.90	0.00	0.00	0.01	0.01	4.62	0.84	0.00	0.00	0.01	0.01
4.63	0.75	0.25	1.21	0.01	0.02	4.64	0.73	0.27	1.06	0.01	0.02
4.65	0.70	0.30	0.93	0.01	0.02	4.66	0.70	0.30	0.94	0.01	0.02
4.67	0.71	0.29	0.94	0.01	0.02	4.68	0.72	0.28	0.99	0.01	0.02
4.69	0.74	0.26	1.10	0.01	0.02	4.70	0.81	0.00	0.00	0.01	0.01
4.71	0.87	0.00	0.00	0.01	0.01	4.72	0.88	0.00	0.00	0.01	0.01
4.73	0.89	0.00	0.00	0.01	0.01	4.74	0.85	0.00	0.00	0.01	0.01
4.75	0.82	0.00	0.00	0.01	0.01	4.76	0.76	0.24	1.26	0.01	0.02
4.77	0.69	0.31	0.90	0.01	0.02	4.78	0.66	0.34	0.78	0.01	0.03
4.79	0.63	0.37	0.70	0.01	0.03	4.80	0.58	0.42	0.60	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.56	0.44	0.56	0.01	0.03	4.82	0.54	0.46	0.52	0.01	0.04
4.83	0.53	0.47	0.51	0.01	0.04	4.84	0.52	0.48	0.50	0.01	0.04
4.85	0.52	0.48	0.50	0.01	0.04	4.86	0.52	0.48	0.50	0.01	0.04
4.87	0.53	0.47	0.51	0.01	0.04	4.88	0.54	0.46	0.52	0.01	0.04
4.89	0.55	0.45	0.54	0.01	0.03	4.90	0.55	0.45	0.55	0.01	0.03
4.91	0.56	0.44	0.55	0.01	0.03	4.92	0.54	0.46	0.53	0.01	0.03
4.93	0.51	0.49	0.50	0.01	0.04	4.94	0.51	0.49	0.49	0.01	0.04
4.95	0.51	0.49	0.49	0.01	0.04	4.96	0.51	0.49	0.49	0.01	0.04
4.97	0.51	0.49	0.49	0.01	0.04	4.98	0.51	0.49	0.49	0.01	0.04
4.99	0.51	0.49	0.49	0.01	0.04	5.00	0.52	0.48	0.50	0.01	0.04
5.01	0.53	0.47	0.52	0.01	0.04	5.02	0.54	0.46	0.53	0.01	0.03
5.03	0.54	0.46	0.53	0.01	0.03	5.04	0.54	0.46	0.53	0.01	0.03
5.05	0.54	0.46	0.52	0.01	0.03	5.06	0.53	0.47	0.51	0.01	0.04
5.07	0.52	0.48	0.51	0.01	0.04	5.08	0.51	0.49	0.49	0.01	0.04
5.09	0.51	0.49	0.49	0.01	0.04	5.10	0.50	0.50	0.48	0.01	0.04
5.11	0.50	0.50	0.48	0.01	0.04	5.12	0.50	0.50	0.48	0.01	0.04
5.13	0.50	0.50	0.48	0.01	0.04	5.14	0.50	0.50	0.48	0.01	0.04
5.15	0.50	0.50	0.48	0.01	0.04	5.16	0.50	0.50	0.48	0.01	0.04
5.17	0.50	0.50	0.48	0.01	0.04	5.18	0.49	0.51	0.47	0.01	0.04
5.19	0.49	0.51	0.47	0.01	0.04	5.20	0.48	0.52	0.46	0.01	0.04
5.21	0.48	0.52	0.46	0.01	0.04	5.22	0.48	0.52	0.46	0.01	0.04
5.23	0.48	0.52	0.46	0.01	0.04	5.24	0.48	0.52	0.45	0.01	0.04
5.25	0.47	0.53	0.45	0.01	0.04	5.26	0.47	0.53	0.45	0.01	0.04
5.27	0.47	0.53	0.45	0.01	0.04	5.28	0.47	0.53	0.45	0.01	0.04
5.29	0.47	0.53	0.45	0.01	0.04	5.30	0.47	0.53	0.45	0.01	0.04
5.31	0.47	0.53	0.45	0.01	0.04	5.32	0.47	0.53	0.45	0.01	0.04
5.33	0.47	0.53	0.45	0.01	0.04	5.34	0.47	0.53	0.45	0.01	0.04
5.35	0.47	0.53	0.45	0.01	0.04	5.36	0.47	0.53	0.44	0.01	0.04
5.37	0.46	0.54	0.44	0.01	0.04	5.38	0.46	0.54	0.44	0.01	0.04
5.39	0.46	0.54	0.43	0.01	0.04	5.40	0.45	0.55	0.42	0.01	0.04
5.41	0.46	0.54	0.43	0.01	0.04	5.42	0.46	0.54	0.44	0.01	0.04
5.43	0.46	0.54	0.44	0.01	0.04	5.44	0.46	0.54	0.43	0.01	0.04
5.45	0.45	0.55	0.43	0.01	0.04	5.46	0.44	0.56	0.42	0.01	0.04
5.47	0.44	0.56	0.42	0.01	0.04	5.48	0.44	0.56	0.42	0.01	0.04
5.49	0.44	0.56	0.42	0.01	0.04	5.50	0.45	0.55	0.43	0.01	0.04
5.51	0.46	0.54	0.44	0.01	0.04	5.52	0.47	0.53	0.44	0.01	0.04
5.53	0.46	0.54	0.44	0.01	0.04	5.54	0.45	0.55	0.43	0.01	0.04
5.55	0.45	0.55	0.43	0.01	0.04	5.56	0.44	0.56	0.42	0.01	0.04
5.57	0.44	0.56	0.42	0.01	0.04	5.58	0.45	0.55	0.43	0.01	0.04
5.59	0.46	0.54	0.44	0.01	0.04	5.60	0.48	0.52	0.46	0.01	0.04
5.61	0.48	0.52	0.46	0.01	0.04	5.62	0.50	0.50	0.47	0.01	0.04
5.63	0.50	0.50	0.48	0.01	0.04	5.64	0.50	0.50	0.47	0.01	0.04
5.65	0.50	0.50	0.48	0.01	0.04	5.66	0.50	0.50	0.48	0.01	0.04
5.67	0.50	0.50	0.48	0.01	0.04	5.68	0.50	0.50	0.47	0.01	0.04
5.69	0.50	0.50	0.48	0.01	0.04	5.70	0.50	0.50	0.48	0.01	0.04
5.71	0.49	0.51	0.47	0.01	0.04	5.72	0.50	0.50	0.48	0.01	0.04
5.73	0.49	0.51	0.46	0.01	0.04	5.74	0.46	0.54	0.44	0.01	0.04
5.75	0.45	0.55	0.43	0.01	0.04	5.76	0.44	0.56	0.42	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.44	0.56	0.42	0.01	0.04	5.78	0.45	0.55	0.43	0.01	0.04
5.79	0.45	0.55	0.43	0.01	0.04	5.80	0.45	0.55	0.43	0.01	0.04
5.81	0.45	0.55	0.43	0.01	0.04	5.82	0.45	0.55	0.42	0.01	0.04
5.83	0.44	0.56	0.42	0.01	0.04	5.84	0.44	0.56	0.42	0.01	0.04
5.85	0.43	0.57	0.41	0.01	0.04	5.86	0.43	0.57	0.41	0.01	0.04
5.87	0.43	0.57	0.41	0.01	0.04	5.88	0.44	0.56	0.41	0.01	0.04
5.89	0.46	0.54	0.43	0.01	0.04	5.90	0.47	0.53	0.44	0.01	0.04
5.91	0.48	0.52	0.45	0.01	0.04	5.92	0.48	0.52	0.46	0.01	0.04
5.93	0.46	0.54	0.44	0.01	0.04	5.94	0.47	0.53	0.45	0.01	0.04
5.95	0.48	0.52	0.46	0.01	0.04	5.96	0.49	0.51	0.47	0.01	0.04
5.97	0.50	0.50	0.48	0.01	0.04	5.98	0.50	0.50	0.48	0.01	0.03
5.99	0.51	0.49	0.49	0.01	0.03	6.00	0.51	0.49	0.49	0.01	0.03
6.01	0.52	0.48	0.50	0.01	0.03	6.02	0.52	0.48	0.50	0.01	0.03
6.03	0.53	0.47	0.51	0.01	0.03	6.04	0.53	0.47	0.52	0.01	0.03
6.05	0.53	0.47	0.52	0.01	0.03	6.06	0.53	0.47	0.51	0.01	0.03
6.07	0.52	0.48	0.50	0.01	0.03	6.08	0.50	0.50	0.48	0.01	0.03
6.09	0.49	0.51	0.47	0.01	0.04	6.10	0.48	0.52	0.46	0.01	0.04
6.11	0.47	0.53	0.45	0.01	0.04	6.12	0.47	0.53	0.44	0.01	0.04
6.13	0.46	0.54	0.44	0.01	0.04	6.14	0.47	0.53	0.44	0.01	0.04
6.15	0.47	0.53	0.45	0.01	0.04	6.16	0.48	0.52	0.45	0.01	0.04
6.17	0.48	0.52	0.46	0.01	0.04	6.18	0.50	0.50	0.48	0.01	0.03
6.19	0.50	0.50	0.47	0.01	0.03	6.20	0.50	0.50	0.48	0.01	0.03
6.21	0.49	0.51	0.47	0.01	0.04	6.22	0.48	0.52	0.46	0.01	0.04
6.23	0.46	0.54	0.44	0.01	0.04	6.24	0.46	0.54	0.43	0.01	0.04
6.25	0.46	0.54	0.43	0.01	0.04	6.26	0.46	0.54	0.44	0.01	0.04
6.27	0.49	0.51	0.47	0.01	0.03	6.28	0.51	0.49	0.49	0.01	0.03
6.29	0.54	0.46	0.53	0.01	0.03	6.30	0.56	0.44	0.55	0.01	0.03
6.31	0.60	0.40	0.64	0.01	0.03	6.32	0.62	0.38	0.67	0.01	0.03
6.33	0.63	0.37	0.69	0.01	0.03	6.34	0.69	0.31	0.87	0.01	0.02
6.35	0.68	0.32	0.85	0.01	0.02	6.36	0.63	0.37	0.71	0.01	0.02
6.37	0.56	0.44	0.56	0.01	0.03	6.38	0.59	0.41	0.60	0.01	0.03
6.39	0.59	0.41	0.61	0.01	0.03	6.40	0.57	0.43	0.57	0.01	0.03
6.41	0.55	0.45	0.54	0.01	0.03	6.42	0.53	0.47	0.51	0.01	0.03
6.43	0.50	0.50	0.48	0.01	0.03	6.44	0.46	0.54	0.43	0.01	0.04
6.45	0.45	0.55	0.43	0.01	0.04	6.46	0.47	0.53	0.45	0.01	0.04
6.47	0.48	0.52	0.46	0.01	0.04	6.48	0.50	0.50	0.48	0.01	0.03
6.49	0.51	0.49	0.49	0.01	0.03	6.50	0.53	0.47	0.52	0.01	0.03
6.51	0.51	0.49	0.49	0.01	0.03	6.52	0.51	0.49	0.49	0.01	0.03
6.53	0.49	0.51	0.47	0.01	0.03	6.54	0.49	0.51	0.46	0.01	0.03
6.55	0.46	0.54	0.44	0.01	0.04	6.56	2.00	0.00	0.00	0.01	0.00
6.57	2.00	0.00	0.00	0.01	0.00	6.58	2.00	0.00	0.00	0.01	0.00
6.59	2.00	0.00	0.00	0.01	0.00	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	0.50	0.50	0.48	0.01	0.03	6.66	0.58	0.42	0.60	0.01	0.03
6.67	0.57	0.43	0.58	0.01	0.03	6.68	0.58	0.42	0.59	0.01	0.03
6.69	0.57	0.43	0.58	0.01	0.03	6.70	0.56	0.44	0.56	0.01	0.03
6.71	0.56	0.44	0.55	0.01	0.03	6.72	0.55	0.45	0.54	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.52	0.48	0.51	0.01	0.03	6.74	0.51	0.49	0.49	0.01	0.03
6.75	0.50	0.50	0.48	0.01	0.03	6.76	0.50	0.50	0.48	0.01	0.03
6.77	0.48	0.52	0.45	0.01	0.03	6.78	0.47	0.53	0.45	0.01	0.04
6.79	0.46	0.54	0.44	0.01	0.04	6.80	0.46	0.54	0.43	0.01	0.04
6.81	0.44	0.56	0.41	0.01	0.04	6.82	0.43	0.57	0.41	0.01	0.04
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	0.44	0.56	0.42	0.01	0.04
6.89	0.55	0.45	0.54	0.01	0.03	6.90	0.59	0.41	0.62	0.01	0.03
6.91	0.56	0.44	0.55	0.01	0.03	6.92	0.50	0.50	0.47	0.01	0.03
6.93	0.49	0.51	0.47	0.01	0.03	6.94	0.44	0.56	0.42	0.01	0.04
6.95	0.44	0.56	0.41	0.01	0.04	6.96	0.44	0.56	0.42	0.01	0.04
6.97	0.44	0.56	0.42	0.01	0.04	6.98	0.45	0.55	0.43	0.01	0.04
6.99	0.46	0.54	0.44	0.01	0.04	7.00	0.47	0.53	0.44	0.01	0.03
7.01	0.48	0.52	0.45	0.01	0.03	7.02	0.48	0.52	0.46	0.01	0.03
7.03	0.49	0.51	0.46	0.01	0.03	7.04	0.50	0.50	0.48	0.01	0.03
7.05	0.51	0.49	0.49	0.01	0.03	7.06	0.51	0.49	0.50	0.01	0.03
7.07	0.52	0.48	0.50	0.01	0.03	7.08	0.49	0.51	0.47	0.01	0.03
7.09	0.49	0.51	0.47	0.01	0.03	7.10	0.48	0.52	0.46	0.01	0.03
7.11	0.48	0.52	0.46	0.01	0.03	7.12	0.47	0.53	0.45	0.01	0.03
7.13	0.47	0.53	0.45	0.01	0.03	7.14	0.46	0.54	0.44	0.01	0.03
7.15	0.47	0.53	0.44	0.01	0.03	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	0.39	0.61	0.38	0.01	0.04	7.64	0.71	0.29	0.96	0.01	0.02
7.65	0.47	0.53	0.45	0.01	0.03	7.66	0.52	0.48	0.51	0.01	0.03
7.67	0.49	0.51	0.47	0.01	0.03	7.68	0.49	0.51	0.47	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.48	0.52	0.45	0.01	0.03	7.70	0.44	0.56	0.42	0.01	0.03
7.71	0.45	0.55	0.43	0.01	0.03	7.72	0.47	0.53	0.45	0.01	0.03
7.73	0.43	0.57	0.41	0.01	0.03	7.74	0.45	0.55	0.43	0.01	0.03
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	0.45	0.55	0.43	0.01	0.02
11.19	0.46	0.54	0.43	0.01	0.02	11.20	0.49	0.51	0.46	0.01	0.02
11.21	0.49	0.51	0.47	0.01	0.02	11.22	0.50	0.50	0.47	0.01	0.02
11.23	0.50	0.50	0.48	0.01	0.02	11.24	0.50	0.50	0.48	0.01	0.02
11.25	0.49	0.51	0.47	0.01	0.02	11.26	0.49	0.51	0.47	0.01	0.02
11.27	0.49	0.51	0.46	0.01	0.02	11.28	0.48	0.52	0.46	0.01	0.02
11.29	0.48	0.52	0.45	0.01	0.02	11.30	0.48	0.52	0.45	0.01	0.02
11.31	0.48	0.52	0.45	0.01	0.02	11.32	0.47	0.53	0.45	0.01	0.02
11.33	0.47	0.53	0.45	0.01	0.02	11.34	0.47	0.53	0.45	0.01	0.02
11.35	0.46	0.54	0.44	0.01	0.02	11.36	0.46	0.54	0.44	0.01	0.02
11.37	0.46	0.54	0.44	0.01	0.02	11.38	0.46	0.54	0.44	0.01	0.02
11.39	0.47	0.53	0.44	0.01	0.02	11.40	0.47	0.53	0.44	0.01	0.02
11.41	0.47	0.53	0.45	0.01	0.02	11.42	0.47	0.53	0.45	0.01	0.02
11.43	0.47	0.53	0.44	0.01	0.02	11.44	0.47	0.53	0.45	0.01	0.02
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	0.49	0.51	0.46	0.01	0.02
11.63	0.49	0.51	0.47	0.01	0.02	11.64	0.49	0.51	0.47	0.01	0.02
11.65	0.49	0.51	0.47	0.01	0.02	11.66	0.49	0.51	0.47	0.01	0.02
11.67	0.49	0.51	0.46	0.01	0.02	11.68	0.49	0.51	0.47	0.01	0.02
11.69	0.49	0.51	0.46	0.01	0.02	11.70	0.48	0.52	0.46	0.01	0.02
11.71	0.48	0.52	0.46	0.01	0.02	11.72	0.48	0.52	0.46	0.01	0.02
11.73	0.47	0.53	0.45	0.01	0.02	11.74	0.47	0.53	0.45	0.01	0.02
11.75	0.46	0.54	0.44	0.01	0.02	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	0.45	0.55	0.43	0.01	0.02	11.98	0.46	0.54	0.44	0.01	0.02
11.99	0.48	0.52	0.46	0.01	0.02	12.00	0.48	0.52	0.46	0.01	0.02
12.01	0.50	0.50	0.48	0.01	0.02	12.02	0.50	0.50	0.47	0.01	0.02
12.03	0.50	0.50	0.47	0.01	0.02	12.04	0.49	0.51	0.47	0.01	0.02
12.05	0.49	0.51	0.47	0.01	0.02	12.06	0.49	0.51	0.47	0.01	0.02
12.07	0.49	0.51	0.46	0.01	0.02	12.08	0.48	0.52	0.45	0.01	0.02
12.09	0.47	0.53	0.45	0.01	0.02	12.10	0.46	0.54	0.44	0.01	0.02
12.11	0.46	0.54	0.44	0.01	0.02	12.12	0.46	0.54	0.43	0.01	0.02
12.13	0.45	0.55	0.43	0.01	0.02	12.14	0.45	0.55	0.42	0.01	0.02
12.15	0.44	0.56	0.42	0.01	0.02	12.16	0.44	0.56	0.42	0.01	0.02
12.17	0.44	0.56	0.42	0.01	0.02	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	0.46	0.54	0.44	0.01	0.02	12.82	0.48	0.52	0.46	0.01	0.02
12.83	0.49	0.51	0.47	0.01	0.02	12.84	0.50	0.50	0.48	0.01	0.02
12.85	0.50	0.50	0.48	0.01	0.02	12.86	0.50	0.50	0.48	0.01	0.02
12.87	0.49	0.51	0.47	0.01	0.02	12.88	0.49	0.51	0.47	0.01	0.02
12.89	0.48	0.52	0.45	0.01	0.02	12.90	0.47	0.53	0.45	0.01	0.02
12.91	0.47	0.53	0.45	0.01	0.02	12.92	0.47	0.53	0.45	0.01	0.02
12.93	0.46	0.54	0.44	0.01	0.02	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	0.48	0.52	0.46	0.01	0.02	13.12	0.49	0.51	0.47	0.01	0.02
13.13	0.53	0.47	0.51	0.01	0.02	13.14	0.53	0.47	0.52	0.01	0.02
13.15	0.54	0.46	0.53	0.01	0.02	13.16	0.54	0.46	0.53	0.01	0.02
13.17	0.54	0.46	0.52	0.01	0.02	13.18	0.52	0.48	0.50	0.01	0.02
13.19	0.51	0.49	0.49	0.01	0.02	13.20	0.50	0.50	0.48	0.01	0.02
13.21	0.50	0.50	0.48	0.01	0.02	13.22	0.49	0.51	0.47	0.01	0.02
13.23	0.49	0.51	0.47	0.01	0.02	13.24	0.49	0.51	0.47	0.01	0.02
13.25	0.49	0.51	0.46	0.01	0.02	13.26	0.49	0.51	0.46	0.01	0.02
13.27	0.48	0.52	0.46	0.01	0.02	13.28	0.48	0.52	0.46	0.01	0.02
13.29	0.48	0.52	0.46	0.01	0.02	13.30	0.48	0.52	0.46	0.01	0.02
13.31	0.48	0.52	0.46	0.01	0.02	13.32	0.48	0.52	0.45	0.01	0.02
13.33	0.48	0.52	0.45	0.01	0.02	13.34	0.46	0.54	0.44	0.01	0.02
13.35	0.46	0.54	0.44	0.01	0.02	13.36	0.45	0.55	0.43	0.01	0.02
13.37	0.45	0.55	0.43	0.01	0.02	13.38	0.45	0.55	0.43	0.01	0.02
13.39	0.45	0.55	0.43	0.01	0.02	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	0.47	0.53	0.44	0.01	0.02	13.46	0.49	0.51	0.47	0.01	0.02
13.47	0.50	0.50	0.48	0.01	0.02	13.48	0.50	0.50	0.47	0.01	0.02
13.49	0.49	0.51	0.47	0.01	0.02	13.50	0.49	0.51	0.47	0.01	0.02
13.51	0.49	0.51	0.47	0.01	0.02	13.52	0.49	0.51	0.46	0.01	0.02
13.53	0.49	0.51	0.47	0.01	0.02	13.54	0.49	0.51	0.47	0.01	0.02
13.55	0.49	0.51	0.47	0.01	0.02	13.56	0.49	0.51	0.47	0.01	0.02
13.57	0.49	0.51	0.46	0.01	0.02	13.58	0.48	0.52	0.46	0.01	0.02
13.59	0.48	0.52	0.45	0.01	0.02	13.60	0.47	0.53	0.44	0.01	0.02
13.61	0.46	0.54	0.44	0.01	0.02	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	0.48	0.52	0.46	0.01	0.02
13.79	0.48	0.52	0.46	0.01	0.02	13.80	0.48	0.52	0.45	0.01	0.02
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	0.50	0.50	0.48	0.01	0.02	13.94	0.51	0.49	0.49	0.01	0.01
13.95	0.52	0.48	0.51	0.01	0.01	13.96	0.52	0.48	0.51	0.01	0.01
13.97	0.52	0.48	0.51	0.01	0.01	13.98	0.52	0.48	0.51	0.01	0.01
13.99	0.52	0.48	0.51	0.01	0.01	14.00	0.52	0.48	0.51	0.01	0.01
14.01	0.53	0.47	0.51	0.01	0.01	14.02	0.53	0.47	0.51	0.01	0.01
14.03	0.52	0.48	0.50	0.01	0.01	14.04	0.51	0.49	0.49	0.01	0.01
14.05	0.51	0.49	0.49	0.01	0.01	14.06	0.50	0.50	0.48	0.01	0.01
14.07	0.50	0.50	0.48	0.01	0.01	14.08	0.49	0.51	0.47	0.01	0.02
14.09	0.49	0.51	0.46	0.01	0.02	14.10	0.48	0.52	0.46	0.01	0.02
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.07	2.00	0.00	0.00	0.01	0.00	16.08	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.01	0.00	16.10	2.00	0.00	0.00	0.01	0.00
16.11	2.00	0.00	0.00	0.01	0.00	16.12	2.00	0.00	0.00	0.01	0.00
16.13	2.00	0.00	0.00	0.01	0.00	16.14	2.00	0.00	0.00	0.01	0.00
16.15	2.00	0.00	0.00	0.01	0.00	16.16	2.00	0.00	0.00	0.01	0.00
16.17	2.00	0.00	0.00	0.01	0.00	16.18	2.00	0.00	0.00	0.01	0.00
16.19	2.00	0.00	0.00	0.01	0.00	16.20	2.00	0.00	0.00	0.01	0.00
16.21	2.00	0.00	0.00	0.01	0.00	16.22	2.00	0.00	0.00	0.01	0.00
16.23	2.00	0.00	0.00	0.01	0.00	16.24	2.00	0.00	0.00	0.01	0.00
16.25	2.00	0.00	0.00	0.01	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.27	2.00	0.00	0.00	0.01	0.00	16.28	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.01	0.00	16.30	2.00	0.00	0.00	0.01	0.00
16.31	2.00	0.00	0.00	0.01	0.00	16.32	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.33	2.00	0.00	0.00	0.01	0.00	16.34	2.00	0.00	0.00	0.01	0.00
16.35	2.00	0.00	0.00	0.01	0.00	16.36	2.00	0.00	0.00	0.01	0.00
16.37	2.00	0.00	0.00	0.01	0.00	16.38	2.00	0.00	0.00	0.01	0.00
16.39	2.00	0.00	0.00	0.01	0.00	16.40	2.00	0.00	0.00	0.01	0.00
16.41	2.00	0.00	0.00	0.01	0.00	16.42	2.00	0.00	0.00	0.01	0.00
16.43	2.00	0.00	0.00	0.01	0.00	16.44	2.00	0.00	0.00	0.01	0.00
16.45	2.00	0.00	0.00	0.01	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.47	2.00	0.00	0.00	0.01	0.00	16.48	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.01	0.00	16.50	2.00	0.00	0.00	0.01	0.00
16.51	2.00	0.00	0.00	0.01	0.00	16.52	2.00	0.00	0.00	0.01	0.00
16.53	2.00	0.00	0.00	0.01	0.00	16.54	2.00	0.00	0.00	0.01	0.00
16.55	2.00	0.00	0.00	0.01	0.00	16.56	2.00	0.00	0.00	0.01	0.00
16.57	2.00	0.00	0.00	0.01	0.00	16.58	2.00	0.00	0.00	0.01	0.00
16.59	2.00	0.00	0.00	0.01	0.00	16.60	2.00	0.00	0.00	0.01	0.00
16.61	2.00	0.00	0.00	0.01	0.00	16.62	2.00	0.00	0.00	0.01	0.00
16.63	2.00	0.00	0.00	0.01	0.00	16.64	2.00	0.00	0.00	0.01	0.00
16.65	2.00	0.00	0.00	0.01	0.00	16.66	2.00	0.00	0.00	0.01	0.00
16.67	2.00	0.00	0.00	0.01	0.00	16.68	2.00	0.00	0.00	0.01	0.00
16.69	2.00	0.00	0.00	0.01	0.00	16.70	2.00	0.00	0.00	0.01	0.00
16.71	2.00	0.00	0.00	0.01	0.00	16.72	2.00	0.00	0.00	0.01	0.00
16.73	2.00	0.00	0.00	0.01	0.00	16.74	2.00	0.00	0.00	0.01	0.00
16.75	2.00	0.00	0.00	0.01	0.00	16.76	2.00	0.00	0.00	0.01	0.00
16.77	2.00	0.00	0.00	0.01	0.00	16.78	2.00	0.00	0.00	0.01	0.00
16.79	2.00	0.00	0.00	0.01	0.00	16.80	2.00	0.00	0.00	0.01	0.00
16.81	2.00	0.00	0.00	0.01	0.00	16.82	2.00	0.00	0.00	0.01	0.00
16.83	2.00	0.00	0.00	0.01	0.00	16.84	2.00	0.00	0.00	0.01	0.00
16.85	2.00	0.00	0.00	0.01	0.00	16.86	2.00	0.00	0.00	0.01	0.00
16.87	2.00	0.00	0.00	0.01	0.00	16.88	2.00	0.00	0.00	0.01	0.00
16.89	2.00	0.00	0.00	0.01	0.00	16.90	2.00	0.00	0.00	0.01	0.00
16.91	2.00	0.00	0.00	0.01	0.00	16.92	2.00	0.00	0.00	0.01	0.00
16.93	2.00	0.00	0.00	0.01	0.00	16.94	2.00	0.00	0.00	0.01	0.00
16.95	2.00	0.00	0.00	0.01	0.00	16.96	2.00	0.00	0.00	0.01	0.00
16.97	2.00	0.00	0.00	0.01	0.00	16.98	2.00	0.00	0.00	0.01	0.00
16.99	2.00	0.00	0.00	0.01	0.00	17.00	2.00	0.00	0.00	0.01	0.00
17.01	2.00	0.00	0.00	0.01	0.00	17.02	2.00	0.00	0.00	0.01	0.00
17.03	2.00	0.00	0.00	0.01	0.00	17.04	2.00	0.00	0.00	0.01	0.00
17.05	2.00	0.00	0.00	0.01	0.00	17.06	2.00	0.00	0.00	0.01	0.00
17.07	2.00	0.00	0.00	0.01	0.00	17.08	2.00	0.00	0.00	0.01	0.00
17.09	2.00	0.00	0.00	0.01	0.00	17.10	2.00	0.00	0.00	0.01	0.00
17.11	2.00	0.00	0.00	0.01	0.00	17.12	2.00	0.00	0.00	0.01	0.00
17.13	2.00	0.00	0.00	0.01	0.00	17.14	2.00	0.00	0.00	0.01	0.00
17.15	2.00	0.00	0.00	0.01	0.00	17.16	2.00	0.00	0.00	0.01	0.00
17.17	2.00	0.00	0.00	0.01	0.00	17.18	2.00	0.00	0.00	0.01	0.00
17.19	2.00	0.00	0.00	0.01	0.00	17.20	2.00	0.00	0.00	0.01	0.00
17.21	2.00	0.00	0.00	0.01	0.00	17.22	2.00	0.00	0.00	0.01	0.00
17.23	2.00	0.00	0.00	0.01	0.00	17.24	2.00	0.00	0.00	0.01	0.00
17.25	2.00	0.00	0.00	0.01	0.00	17.26	2.00	0.00	0.00	0.01	0.00
17.27	2.00	0.00	0.00	0.01	0.00	17.28	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.29	2.00	0.00	0.00	0.01	0.00	17.30	2.00	0.00	0.00	0.01	0.00
17.31	2.00	0.00	0.00	0.01	0.00	17.32	2.00	0.00	0.00	0.01	0.00
17.33	2.00	0.00	0.00	0.01	0.00	17.34	2.00	0.00	0.00	0.01	0.00
17.35	2.00	0.00	0.00	0.01	0.00	17.36	2.00	0.00	0.00	0.01	0.00
17.37	2.00	0.00	0.00	0.01	0.00	17.38	2.00	0.00	0.00	0.01	0.00
17.39	2.00	0.00	0.00	0.01	0.00	17.40	2.00	0.00	0.00	0.01	0.00
17.41	2.00	0.00	0.00	0.01	0.00	17.42	2.00	0.00	0.00	0.01	0.00
17.43	2.00	0.00	0.00	0.01	0.00	17.44	2.00	0.00	0.00	0.01	0.00
17.45	2.00	0.00	0.00	0.01	0.00	17.46	2.00	0.00	0.00	0.01	0.00
17.47	2.00	0.00	0.00	0.01	0.00	17.48	2.00	0.00	0.00	0.01	0.00
17.49	2.00	0.00	0.00	0.01	0.00	17.50	2.00	0.00	0.00	0.01	0.00
17.51	2.00	0.00	0.00	0.01	0.00	17.52	2.00	0.00	0.00	0.01	0.00
17.53	2.00	0.00	0.00	0.01	0.00	17.54	2.00	0.00	0.00	0.01	0.00
17.55	2.00	0.00	0.00	0.01	0.00	17.56	2.00	0.00	0.00	0.01	0.00
17.57	2.00	0.00	0.00	0.01	0.00	17.58	2.00	0.00	0.00	0.01	0.00
17.59	2.00	0.00	0.00	0.01	0.00	17.60	2.00	0.00	0.00	0.01	0.00
17.61	2.00	0.00	0.00	0.01	0.00	17.62	2.00	0.00	0.00	0.01	0.00
17.63	2.00	0.00	0.00	0.01	0.00	17.64	2.00	0.00	0.00	0.01	0.00
17.65	2.00	0.00	0.00	0.01	0.00	17.66	2.00	0.00	0.00	0.01	0.00
17.67	2.00	0.00	0.00	0.01	0.00	17.68	2.00	0.00	0.00	0.01	0.00
17.69	2.00	0.00	0.00	0.01	0.00	17.70	2.00	0.00	0.00	0.01	0.00
17.71	2.00	0.00	0.00	0.01	0.00	17.72	2.00	0.00	0.00	0.01	0.00
17.73	2.00	0.00	0.00	0.01	0.00	17.74	2.00	0.00	0.00	0.01	0.00
17.75	2.00	0.00	0.00	0.01	0.00	17.76	2.00	0.00	0.00	0.01	0.00
17.77	2.00	0.00	0.00	0.01	0.00	17.78	2.00	0.00	0.00	0.01	0.00
17.79	2.00	0.00	0.00	0.01	0.00	17.80	2.00	0.00	0.00	0.01	0.00
17.81	2.00	0.00	0.00	0.01	0.00	17.82	2.00	0.00	0.00	0.01	0.00
17.83	2.00	0.00	0.00	0.01	0.00	17.84	2.00	0.00	0.00	0.01	0.00
17.85	2.00	0.00	0.00	0.01	0.00	17.86	2.00	0.00	0.00	0.01	0.00
17.87	2.00	0.00	0.00	0.01	0.00	17.88	2.00	0.00	0.00	0.01	0.00
17.89	2.00	0.00	0.00	0.01	0.00	17.90	2.00	0.00	0.00	0.01	0.00
17.91	2.00	0.00	0.00	0.01	0.00	17.92	2.00	0.00	0.00	0.01	0.00
17.93	2.00	0.00	0.00	0.01	0.00	17.94	2.00	0.00	0.00	0.01	0.00
17.95	2.00	0.00	0.00	0.01	0.00	17.96	2.00	0.00	0.00	0.01	0.00
17.97	2.00	0.00	0.00	0.01	0.00	17.98	2.00	0.00	0.00	0.01	0.00
17.99	2.00	0.00	0.00	0.01	0.00	18.00	2.00	0.00	0.00	0.01	0.00
18.01	2.00	0.00	0.00	0.01	0.00	18.02	2.00	0.00	0.00	0.01	0.00
18.03	2.00	0.00	0.00	0.01	0.00	18.04	2.00	0.00	0.00	0.01	0.00
18.05	2.00	0.00	0.00	0.01	0.00	18.06	2.00	0.00	0.00	0.01	0.00
18.07	2.00	0.00	0.00	0.01	0.00	18.08	2.00	0.00	0.00	0.01	0.00
18.09	2.00	0.00	0.00	0.01	0.00	18.10	2.00	0.00	0.00	0.01	0.00
18.11	2.00	0.00	0.00	0.01	0.00	18.12	2.00	0.00	0.00	0.01	0.00
18.13	2.00	0.00	0.00	0.01	0.00	18.14	2.00	0.00	0.00	0.01	0.00
18.15	2.00	0.00	0.00	0.01	0.00	18.16	2.00	0.00	0.00	0.01	0.00
18.17	2.00	0.00	0.00	0.01	0.00	18.18	2.00	0.00	0.00	0.01	0.00
18.19	2.00	0.00	0.00	0.01	0.00	18.20	2.00	0.00	0.00	0.01	0.00
18.21	2.00	0.00	0.00	0.01	0.00	18.22	2.00	0.00	0.00	0.01	0.00
18.23	2.00	0.00	0.00	0.01	0.00	18.24	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
18.25	2.00	0.00	0.00	0.01	0.00	18.26	2.00	0.00	0.00	0.01	0.00
18.27	2.00	0.00	0.00	0.01	0.00	18.28	2.00	0.00	0.00	0.01	0.00
18.29	2.00	0.00	0.00	0.01	0.00	18.30	2.00	0.00	0.00	0.01	0.00
18.31	2.00	0.00	0.00	0.01	0.00	18.32	2.00	0.00	0.00	0.01	0.00
18.33	2.00	0.00	0.00	0.01	0.00	18.34	2.00	0.00	0.00	0.01	0.00
18.35	2.00	0.00	0.00	0.01	0.00	18.36	2.00	0.00	0.00	0.01	0.00
18.37	2.00	0.00	0.00	0.01	0.00	18.38	2.00	0.00	0.00	0.01	0.00
18.39	2.00	0.00	0.00	0.01	0.00	18.40	2.00	0.00	0.00	0.01	0.00
18.41	2.00	0.00	0.00	0.01	0.00	18.42	2.00	0.00	0.00	0.01	0.00
18.43	2.00	0.00	0.00	0.01	0.00	18.44	2.00	0.00	0.00	0.01	0.00
18.45	2.00	0.00	0.00	0.01	0.00	18.46	2.00	0.00	0.00	0.01	0.00
18.47	2.00	0.00	0.00	0.01	0.00	18.48	2.00	0.00	0.00	0.01	0.00
18.49	2.00	0.00	0.00	0.01	0.00	18.50	2.00	0.00	0.00	0.01	0.00
18.51	2.00	0.00	0.00	0.01	0.00	18.52	2.00	0.00	0.00	0.01	0.00
18.53	2.00	0.00	0.00	0.01	0.00	18.54	2.00	0.00	0.00	0.01	0.00
18.55	2.00	0.00	0.00	0.01	0.00	18.56	2.00	0.00	0.00	0.01	0.00
18.57	2.00	0.00	0.00	0.01	0.00	18.58	2.00	0.00	0.00	0.01	0.00
18.59	2.00	0.00	0.00	0.01	0.00	18.60	2.00	0.00	0.00	0.01	0.00
18.61	2.00	0.00	0.00	0.01	0.00	18.62	2.00	0.00	0.00	0.01	0.00
18.63	2.00	0.00	0.00	0.01	0.00	18.64	2.00	0.00	0.00	0.01	0.00
18.65	2.00	0.00	0.00	0.01	0.00	18.66	2.00	0.00	0.00	0.01	0.00
18.67	2.00	0.00	0.00	0.01	0.00	18.68	2.00	0.00	0.00	0.01	0.00
18.69	2.00	0.00	0.00	0.01	0.00	18.70	2.00	0.00	0.00	0.01	0.00
18.71	2.00	0.00	0.00	0.01	0.00	18.72	2.00	0.00	0.00	0.01	0.00
18.73	2.00	0.00	0.00	0.01	0.00	18.74	2.00	0.00	0.00	0.01	0.00
18.75	2.00	0.00	0.00	0.01	0.00	18.76	2.00	0.00	0.00	0.01	0.00
18.77	2.00	0.00	0.00	0.01	0.00	18.78	2.00	0.00	0.00	0.01	0.00
18.79	2.00	0.00	0.00	0.01	0.00	18.80	2.00	0.00	0.00	0.01	0.00
18.81	2.00	0.00	0.00	0.01	0.00	18.82	2.00	0.00	0.00	0.01	0.00
18.83	2.00	0.00	0.00	0.01	0.00	18.84	2.00	0.00	0.00	0.01	0.00
18.85	2.00	0.00	0.00	0.01	0.00	18.86	2.00	0.00	0.00	0.01	0.00
18.87	2.00	0.00	0.00	0.01	0.00	18.88	2.00	0.00	0.00	0.01	0.00
18.89	2.00	0.00	0.00	0.01	0.00	18.90	2.00	0.00	0.00	0.01	0.00
18.91	2.00	0.00	0.00	0.01	0.00	18.92	2.00	0.00	0.00	0.01	0.00
18.93	2.00	0.00	0.00	0.01	0.00	18.94	2.00	0.00	0.00	0.01	0.00
18.95	2.00	0.00	0.00	0.01	0.00	18.96	2.00	0.00	0.00	0.01	0.00
18.97	2.00	0.00	0.00	0.01	0.00	18.98	2.00	0.00	0.00	0.01	0.00
18.99	2.00	0.00	0.00	0.01	0.00	19.00	2.00	0.00	0.00	0.01	0.00
19.01	2.00	0.00	0.00	0.01	0.00	19.02	2.00	0.00	0.00	0.01	0.00
19.03	2.00	0.00	0.00	0.01	0.00	19.04	2.00	0.00	0.00	0.01	0.00
19.05	2.00	0.00	0.00	0.01	0.00	19.06	2.00	0.00	0.00	0.01	0.00
19.07	2.00	0.00	0.00	0.01	0.00	19.08	2.00	0.00	0.00	0.01	0.00
19.09	2.00	0.00	0.00	0.01	0.00	19.10	2.00	0.00	0.00	0.01	0.00
19.11	2.00	0.00	0.00	0.01	0.00	19.12	2.00	0.00	0.00	0.01	0.00
19.13	2.00	0.00	0.00	0.01	0.00	19.14	2.00	0.00	0.00	0.01	0.00
19.15	2.00	0.00	0.00	0.01	0.00	19.16	2.00	0.00	0.00	0.01	0.00
19.17	2.00	0.00	0.00	0.01	0.00	19.18	2.00	0.00	0.00	0.01	0.00
19.19	2.00	0.00	0.00	0.01	0.00	19.20	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.21	0.55	0.45	0.55	0.01	0.00	19.22	0.57	0.43	0.58	0.01	0.00
19.23	0.58	0.42	0.59	0.01	0.00	19.24	0.57	0.43	0.58	0.01	0.00
19.25	0.57	0.43	0.57	0.01	0.00	19.26	0.56	0.44	0.55	0.01	0.00
19.27	0.55	0.45	0.55	0.01	0.00	19.28	0.55	0.45	0.54	0.01	0.00
19.29	0.54	0.46	0.53	0.01	0.00	19.30	2.00	0.00	0.00	0.01	0.00
19.31	2.00	0.00	0.00	0.01	0.00	19.32	2.00	0.00	0.00	0.01	0.00
19.33	2.00	0.00	0.00	0.01	0.00	19.34	2.00	0.00	0.00	0.01	0.00
19.35	2.00	0.00	0.00	0.01	0.00	19.36	2.00	0.00	0.00	0.01	0.00
19.37	2.00	0.00	0.00	0.01	0.00	19.38	2.00	0.00	0.00	0.01	0.00
19.39	2.00	0.00	0.00	0.01	0.00	19.40	2.00	0.00	0.00	0.01	0.00
19.41	2.00	0.00	0.00	0.01	0.00	19.42	2.00	0.00	0.00	0.01	0.00
19.43	2.00	0.00	0.00	0.01	0.00	19.44	2.00	0.00	0.00	0.01	0.00
19.45	2.00	0.00	0.00	0.01	0.00	19.46	2.00	0.00	0.00	0.01	0.00
19.47	2.00	0.00	0.00	0.01	0.00	19.48	2.00	0.00	0.00	0.01	0.00
19.49	2.00	0.00	0.00	0.01	0.00	19.50	2.00	0.00	0.00	0.01	0.00
19.51	2.00	0.00	0.00	0.01	0.00	19.52	2.00	0.00	0.00	0.01	0.00
19.53	2.00	0.00	0.00	0.01	0.00	19.54	2.00	0.00	0.00	0.01	0.00
19.55	2.00	0.00	0.00	0.01	0.00	19.56	2.00	0.00	0.00	0.01	0.00
19.57	2.00	0.00	0.00	0.01	0.00	19.58	2.00	0.00	0.00	0.01	0.00
19.59	2.00	0.00	0.00	0.01	0.00	19.60	2.00	0.00	0.00	0.01	0.00
19.61	2.00	0.00	0.00	0.01	0.00	19.62	2.00	0.00	0.00	0.01	0.00
19.63	2.00	0.00	0.00	0.01	0.00	19.64	2.00	0.00	0.00	0.01	0.00
19.65	2.00	0.00	0.00	0.01	0.00	19.66	2.00	0.00	0.00	0.01	0.00
19.67	2.00	0.00	0.00	0.01	0.00	19.68	2.00	0.00	0.00	0.01	0.00
19.69	2.00	0.00	0.00	0.01	0.00	19.70	2.00	0.00	0.00	0.01	0.00
19.71	2.00	0.00	0.00	0.01	0.00	19.72	2.00	0.00	0.00	0.01	0.00
19.73	2.00	0.00	0.00	0.01	0.00	19.74	2.00	0.00	0.00	0.01	0.00
19.75	2.00	0.00	0.00	0.01	0.00	19.76	2.00	0.00	0.00	0.01	0.00
19.77	2.00	0.00	0.00	0.01	0.00	19.78	2.00	0.00	0.00	0.01	0.00
19.79	2.00	0.00	0.00	0.01	0.00	19.80	2.00	0.00	0.00	0.01	0.00

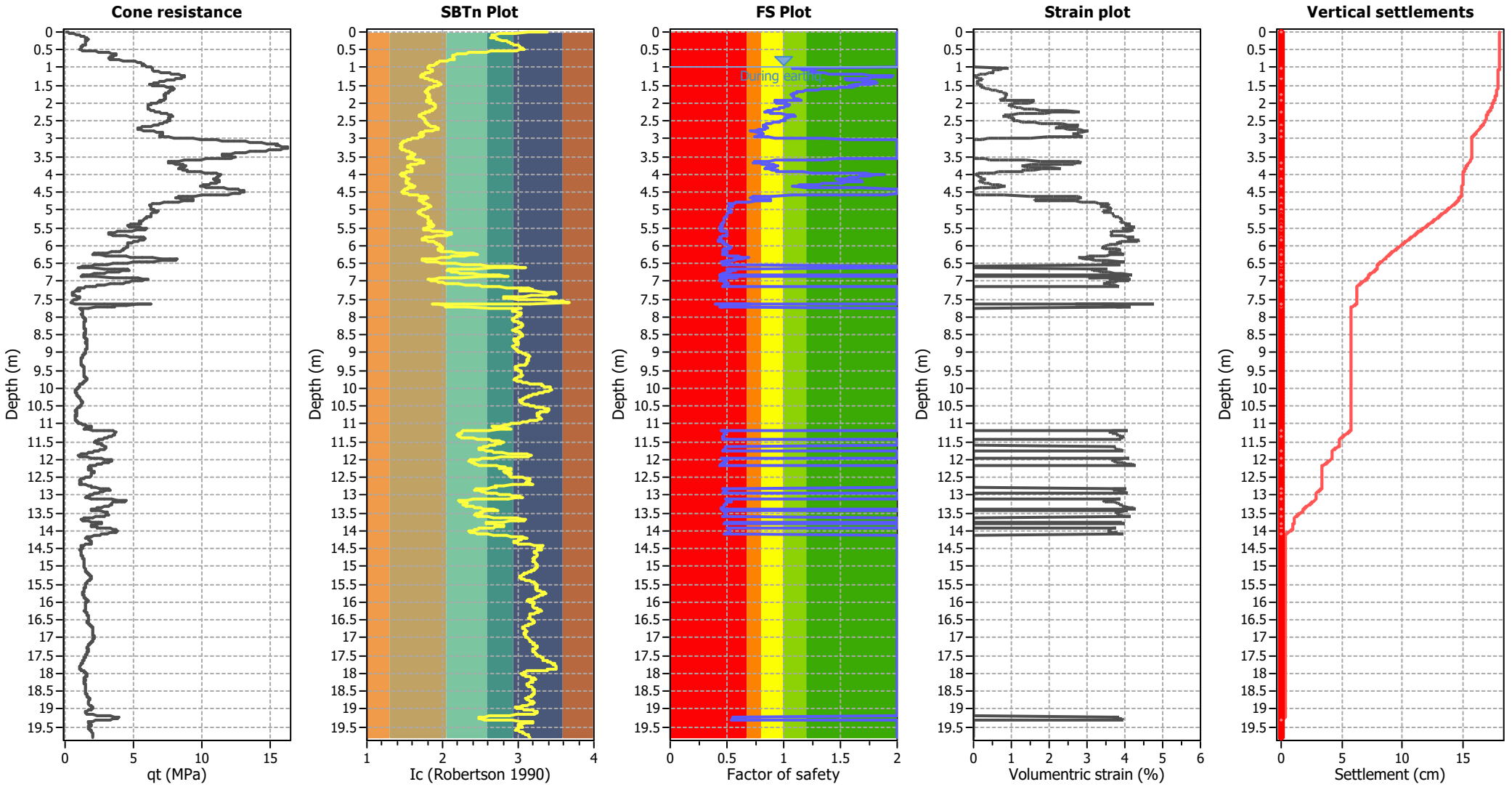
Overall liquefaction potential: 12.53

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	106.43	2.00	0.00	1.00	0.00	1.01	108.98	1.08	0.92	1.00	0.01
1.02	110.00	1.09	0.89	1.00	0.01	1.03	110.72	1.10	0.87	1.00	0.01
1.04	112.62	1.12	0.80	1.00	0.01	1.05	113.91	1.14	0.75	1.00	0.01
1.06	116.22	1.17	0.68	1.00	0.01	1.07	118.05	1.20	0.62	1.00	0.01
1.08	119.90	1.23	0.57	1.00	0.01	1.09	121.55	1.26	0.53	1.00	0.01
1.10	122.84	1.28	0.50	1.00	0.00	1.11	123.13	1.28	0.50	1.00	0.00
1.12	123.82	1.29	0.48	1.00	0.00	1.13	122.13	1.24	0.54	1.00	0.01
1.14	123.29	1.26	0.52	1.00	0.01	1.15	122.67	1.25	0.54	1.00	0.01
1.16	126.28	1.32	0.44	1.00	0.00	1.17	128.02	1.36	0.40	1.00	0.00
1.18	129.88	1.40	0.36	1.00	0.00	1.19	133.55	1.50	0.27	1.00	0.00
1.20	135.40	1.55	0.23	1.00	0.00	1.21	139.59	1.70	0.14	1.00	0.00
1.22	141.60	1.77	0.10	1.00	0.00	1.23	143.45	1.84	0.07	1.00	0.00
1.24	145.97	1.96	0.02	1.00	0.00	1.25	146.30	1.97	0.01	1.00	0.00
1.26	146.13	1.95	0.02	1.00	0.00	1.27	145.63	1.92	0.03	1.00	0.00
1.28	143.78	1.83	0.07	1.00	0.00	1.29	142.95	1.78	0.10	1.00	0.00
1.30	142.13	1.74	0.12	1.00	0.00	1.31	140.08	1.65	0.17	1.00	0.00
1.32	139.42	1.62	0.19	1.00	0.00	1.33	137.23	1.54	0.24	1.00	0.00
1.34	137.56	1.55	0.24	1.00	0.00	1.35	139.04	1.59	0.20	1.00	0.00
1.36	138.87	1.58	0.21	1.00	0.00	1.37	142.20	1.70	0.14	1.00	0.00
1.38	142.09	1.69	0.14	1.00	0.00	1.39	144.03	1.77	0.10	1.00	0.00
1.40	145.00	1.81	0.08	1.00	0.00	1.41	144.37	1.77	0.10	1.00	0.00
1.42	145.60	1.82	0.08	1.00	0.00	1.43	145.25	1.80	0.09	1.00	0.00
1.44	145.61	1.81	0.08	1.00	0.00	1.45	146.00	1.83	0.07	1.00	0.00
1.46	144.45	1.75	0.11	1.00	0.00	1.47	143.99	1.73	0.13	1.00	0.00
1.48	142.18	1.65	0.17	1.00	0.00	1.49	141.67	1.62	0.19	1.00	0.00
1.50	140.50	1.58	0.22	1.00	0.00	1.51	141.52	1.61	0.20	1.00	0.00
1.52	140.74	1.58	0.22	1.00	0.00	1.53	142.89	1.65	0.17	1.00	0.00
1.54	142.47	1.63	0.18	1.00	0.00	1.55	141.53	1.59	0.21	1.00	0.00
1.56	142.21	1.61	0.19	1.00	0.00	1.57	139.86	1.52	0.25	1.00	0.00
1.58	139.07	1.49	0.28	1.00	0.00	1.59	138.06	1.46	0.31	1.00	0.00
1.60	136.37	1.40	0.36	1.00	0.00	1.61	135.43	1.37	0.39	1.00	0.00
1.62	134.47	1.34	0.42	1.00	0.00	1.63	132.98	1.29	0.48	1.00	0.00
1.64	131.99	1.27	0.51	1.00	0.01	1.65	130.72	1.23	0.56	1.00	0.01
1.66	129.41	1.20	0.62	1.00	0.01	1.67	128.14	1.17	0.67	1.00	0.01
1.68	126.99	1.14	0.73	1.00	0.01	1.69	126.61	1.13	0.75	1.00	0.01
1.70	126.25	1.12	0.77	1.00	0.01	1.71	126.01	1.11	0.79	1.00	0.01
1.72	125.69	1.10	0.81	1.00	0.01	1.73	125.02	1.09	0.85	1.00	0.01
1.74	125.04	1.09	0.85	1.00	0.01	1.75	124.36	1.07	0.90	1.00	0.01
1.76	124.90	1.08	0.87	1.00	0.01	1.77	124.98	1.08	0.87	1.00	0.01
1.78	125.34	1.08	0.86	1.00	0.01	1.79	125.65	1.09	0.85	1.00	0.01
1.80	125.58	1.08	0.86	1.00	0.01	1.81	125.77	1.08	0.85	1.00	0.01
1.82	125.83	1.08	0.86	1.00	0.01	1.83	126.09	1.09	0.85	1.00	0.01
1.84	126.07	1.08	0.85	1.00	0.01	1.85	126.30	1.09	0.85	1.00	0.01
1.86	126.75	1.09	0.83	1.00	0.01	1.87	126.96	1.10	0.82	1.00	0.01
1.88	127.16	1.10	0.82	1.00	0.01	1.89	128.20	1.12	0.77	1.00	0.01
1.90	128.76	1.13	0.75	1.00	0.01	1.91	130.00	1.15	0.70	1.00	0.01
1.92	127.01	1.09	0.84	1.00	0.01	1.93	118.49	0.94	1.50	1.00	0.01
1.94	117.53	0.92	1.62	1.00	0.02	1.95	118.16	0.93	1.55	1.00	0.02

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	118.56	0.93	1.52	1.00	0.02	1.97	118.74	0.93	1.51	1.00	0.02
1.98	118.26	0.93	1.57	1.00	0.02	1.99	119.24	0.94	1.47	1.00	0.01
2.00	121.50	0.97	1.26	1.00	0.01	2.01	121.91	0.98	1.23	1.00	0.01
2.02	124.44	1.02	1.05	1.00	0.01	2.03	125.56	1.04	0.98	1.00	0.01
2.04	126.19	1.05	0.95	1.00	0.01	2.05	126.41	1.05	0.94	1.00	0.01
2.06	126.66	1.05	0.93	1.00	0.01	2.07	126.54	1.05	0.94	1.00	0.01
2.08	126.24	1.04	0.96	1.00	0.01	2.09	125.91	1.04	0.99	1.00	0.01
2.10	125.58	1.03	1.01	1.00	0.01	2.11	124.72	1.01	1.08	1.00	0.01
2.12	124.26	1.00	1.12	1.00	0.01	2.13	123.55	0.99	1.17	1.00	0.01
2.14	123.07	0.98	1.22	1.00	0.01	2.15	122.55	0.97	1.27	1.00	0.01
2.16	121.99	0.96	1.33	1.00	0.01	2.17	121.25	0.94	1.41	1.00	0.01
2.18	120.04	0.92	1.54	1.00	0.02	2.19	119.62	0.92	1.60	1.00	0.02
2.20	118.40	0.90	1.78	1.00	0.02	2.21	117.01	0.88	2.02	1.00	0.02
2.22	116.55	0.87	2.12	1.00	0.02	2.23	115.35	0.85	2.41	1.00	0.02
2.24	114.01	0.83	2.80	1.00	0.03	2.25	114.81	0.84	2.59	1.00	0.03
2.26	114.58	0.84	2.68	1.00	0.03	2.27	117.07	0.87	2.08	1.00	0.02
2.28	118.29	0.89	1.88	1.00	0.02	2.29	119.63	0.90	1.69	1.00	0.02
2.30	122.81	0.95	1.34	1.00	0.01	2.31	124.49	0.98	1.20	1.00	0.01
2.32	127.34	1.03	1.00	1.00	0.01	2.33	128.68	1.05	0.92	1.00	0.01
2.34	129.52	1.07	0.87	1.00	0.01	2.35	130.70	1.09	0.81	1.00	0.01
2.36	131.03	1.10	0.80	1.00	0.01	2.37	131.37	1.10	0.79	1.00	0.01
2.38	130.70	1.09	0.82	1.00	0.01	2.39	129.52	1.06	0.89	1.00	0.01
2.40	128.52	1.04	0.95	1.00	0.01	2.41	127.01	1.01	1.05	1.00	0.01
2.42	127.34	1.02	1.03	1.00	0.01	2.43	127.51	1.02	1.03	1.00	0.01
2.44	126.67	1.00	1.09	1.00	0.01	2.45	126.68	1.00	1.09	1.00	0.01
2.46	127.19	1.01	1.06	1.00	0.01	2.47	127.69	1.02	1.03	1.00	0.01
2.48	127.76	1.02	1.03	1.00	0.01	2.49	127.53	1.01	1.05	1.00	0.01
2.50	126.38	0.99	1.13	1.00	0.01	2.51	125.50	0.97	1.21	1.00	0.01
2.52	124.89	0.96	1.26	1.00	0.01	2.53	124.55	0.96	1.29	1.00	0.01
2.54	124.29	0.95	1.32	1.00	0.01	2.55	123.98	0.94	1.36	1.00	0.01
2.56	121.83	0.91	1.60	1.00	0.02	2.57	120.55	0.89	1.77	1.00	0.02
2.58	119.38	0.87	1.97	1.00	0.02	2.59	118.67	0.86	2.11	1.00	0.02
2.60	117.60	0.85	2.35	1.00	0.02	2.61	117.04	0.84	2.50	1.00	0.03
2.62	116.45	0.83	2.68	1.00	0.03	2.63	115.92	0.82	2.75	1.00	0.03
2.64	115.59	0.82	2.76	1.00	0.03	2.65	116.99	0.83	2.56	1.00	0.03
2.66	115.83	0.82	2.76	1.00	0.03	2.67	118.01	0.85	2.33	1.00	0.02
2.68	118.45	0.85	2.24	1.00	0.02	2.69	118.78	0.85	2.18	1.00	0.02
2.70	119.02	0.86	2.14	1.00	0.02	2.71	118.05	0.84	2.36	1.00	0.02
2.72	117.99	0.84	2.38	1.00	0.02	2.73	117.51	0.83	2.52	1.00	0.03
2.74	116.83	0.82	2.72	1.00	0.03	2.75	114.74	0.80	2.78	1.00	0.03
2.76	113.51	0.78	2.82	1.00	0.03	2.77	109.97	0.74	2.91	1.00	0.03
2.78	107.18	0.72	2.99	1.00	0.03	2.79	105.77	0.70	3.03	1.00	0.03
2.80	107.20	0.71	2.99	1.00	0.03	2.81	112.42	0.77	2.85	1.00	0.03
2.82	114.08	0.79	2.80	1.00	0.03	2.83	115.59	0.80	2.76	1.00	0.03
2.84	116.56	0.81	2.74	1.00	0.03	2.85	117.27	0.82	2.72	1.00	0.03
2.86	117.70	0.83	2.61	1.00	0.03	2.87	117.20	0.82	2.72	1.00	0.03
2.88	116.70	0.81	2.74	1.00	0.03	2.89	116.07	0.80	2.75	1.00	0.03
2.90	114.90	0.79	2.78	1.00	0.03	2.91	114.80	0.79	2.78	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	114.71	0.79	2.79	1.00	0.03	2.93	111.26	0.75	2.88	1.00	0.03
2.94	113.45	0.77	2.82	1.00	0.03	2.95	115.88	0.80	2.76	1.00	0.03
2.96	120.93	0.86	1.97	1.00	0.02	2.97	124.51	0.92	1.48	1.00	0.01
2.98	132.55	1.07	0.87	1.00	0.01	2.99	136.52	1.16	0.67	1.00	0.01
3.00	143.35	1.35	0.40	1.00	0.00	3.01	148.99	1.56	0.23	1.00	0.00
3.02	154.33	1.82	0.08	1.00	0.00	3.03	157.03	1.97	0.01	1.00	0.00
3.04	163.57	2.00	0.00	1.00	0.00	3.05	166.82	2.00	0.00	1.00	0.00
3.06	173.50	2.00	0.00	1.00	0.00	3.07	176.46	2.00	0.00	1.00	0.00
3.08	183.02	2.00	0.00	1.00	0.00	3.09	185.92	2.00	0.00	1.00	0.00
3.10	191.03	2.00	0.00	1.00	0.00	3.11	193.00	2.00	0.00	1.00	0.00
3.12	194.96	2.00	0.00	1.00	0.00	3.13	199.22	2.00	0.00	1.00	0.00
3.14	204.85	2.00	0.00	1.00	0.00	3.15	207.31	2.00	0.00	1.00	0.00
3.16	209.65	2.00	0.00	1.00	0.00	3.17	212.29	2.00	0.00	1.00	0.00
3.18	211.41	2.00	0.00	1.00	0.00	3.19	210.32	2.00	0.00	1.00	0.00
3.20	209.75	2.00	0.00	1.00	0.00	3.21	210.58	2.00	0.00	1.00	0.00
3.22	214.37	2.00	0.00	1.00	0.00	3.23	216.34	2.00	0.00	1.00	0.00
3.24	217.68	2.00	0.00	1.00	0.00	3.25	218.07	2.00	0.00	1.00	0.00
3.26	218.46	2.00	0.00	1.00	0.00	3.27	217.70	2.00	0.00	1.00	0.00
3.28	215.78	2.00	0.00	1.00	0.00	3.29	214.06	2.00	0.00	1.00	0.00
3.30	212.45	2.00	0.00	1.00	0.00	3.31	209.23	2.00	0.00	1.00	0.00
3.32	204.69	2.00	0.00	1.00	0.00	3.33	202.62	2.00	0.00	1.00	0.00
3.34	200.21	2.00	0.00	1.00	0.00	3.35	195.84	2.00	0.00	1.00	0.00
3.36	190.01	2.00	0.00	1.00	0.00	3.37	187.35	2.00	0.00	1.00	0.00
3.38	182.45	2.00	0.00	1.00	0.00	3.39	180.43	2.00	0.00	1.00	0.00
3.40	178.74	2.00	0.00	1.00	0.00	3.41	174.23	2.00	0.00	1.00	0.00
3.42	170.55	2.00	0.00	1.00	0.00	3.43	165.81	2.00	0.00	1.00	0.00
3.44	163.87	2.00	0.00	1.00	0.00	3.45	162.05	2.00	0.00	1.00	0.00
3.46	161.94	2.00	0.00	1.00	0.00	3.47	163.64	2.00	0.00	1.00	0.00
3.48	165.23	2.00	0.00	1.00	0.00	3.49	169.18	2.00	0.00	1.00	0.00
3.50	170.97	2.00	0.00	1.00	0.00	3.51	173.43	2.00	0.00	1.00	0.00
3.52	173.31	2.00	0.00	1.00	0.00	3.53	172.64	2.00	0.00	1.00	0.00
3.54	169.06	2.00	0.00	1.00	0.00	3.55	165.69	2.00	0.00	1.00	0.00
3.56	158.65	2.00	0.00	1.00	0.00	3.57	152.11	1.66	0.17	1.00	0.00
3.58	148.06	1.48	0.29	1.00	0.00	3.59	144.56	1.35	0.40	1.00	0.00
3.60	137.02	1.13	0.71	1.00	0.01	3.61	133.34	1.05	0.91	1.00	0.01
3.62	126.97	0.93	1.39	1.00	0.01	3.63	123.70	0.87	1.79	1.00	0.02
3.64	118.33	0.80	2.70	1.00	0.03	3.65	116.46	0.78	2.74	1.00	0.03
3.66	113.84	0.75	2.81	1.00	0.03	3.67	113.11	0.74	2.83	1.00	0.03
3.68	113.52	0.74	2.82	1.00	0.03	3.69	114.82	0.75	2.78	1.00	0.03
3.70	117.86	0.79	2.71	1.00	0.03	3.71	119.28	0.81	2.67	1.00	0.03
3.72	120.79	0.83	2.35	1.00	0.02	3.73	124.23	0.88	1.74	1.00	0.02
3.74	125.96	0.90	1.53	1.00	0.02	3.75	128.05	0.94	1.32	1.00	0.01
3.76	128.56	0.95	1.27	1.00	0.01	3.77	128.11	0.94	1.31	1.00	0.01
3.78	128.02	0.94	1.32	1.00	0.01	3.79	127.34	0.92	1.39	1.00	0.01
3.80	126.53	0.91	1.48	1.00	0.01	3.81	124.03	0.87	1.79	1.00	0.02
3.82	122.73	0.85	2.00	1.00	0.02	3.83	121.19	0.83	2.31	1.00	0.02
3.84	121.35	0.83	2.28	1.00	0.02	3.85	122.60	0.85	2.04	1.00	0.02
3.86	123.96	0.87	1.82	1.00	0.02	3.87	125.92	0.90	1.56	1.00	0.02

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	126.43	0.91	1.50	1.00	0.02	3.89	127.66	0.93	1.38	1.00	0.01
3.90	128.65	0.94	1.29	1.00	0.01	3.91	128.56	0.94	1.30	1.00	0.01
3.92	128.47	0.94	1.31	1.00	0.01	3.93	135.61	1.08	0.81	1.00	0.01
3.94	139.04	1.17	0.65	1.00	0.01	3.95	142.09	1.25	0.52	1.00	0.01
3.96	146.63	1.40	0.36	1.00	0.00	3.97	149.41	1.51	0.27	1.00	0.00
3.98	154.11	1.72	0.13	1.00	0.00	3.99	155.37	1.79	0.09	1.00	0.00
4.00	157.09	1.88	0.05	1.00	0.00	4.01	156.66	1.86	0.06	1.00	0.00
4.02	155.89	1.81	0.08	1.00	0.00	4.03	154.77	1.75	0.11	1.00	0.00
4.04	153.89	1.71	0.14	1.00	0.00	4.05	154.02	1.71	0.13	1.00	0.00
4.06	154.04	1.71	0.13	1.00	0.00	4.07	153.15	1.67	0.16	1.00	0.00
4.08	152.83	1.65	0.17	1.00	0.00	4.09	152.51	1.64	0.18	1.00	0.00
4.10	152.30	1.63	0.18	1.00	0.00	4.11	151.29	1.58	0.21	1.00	0.00
4.12	150.52	1.55	0.24	1.00	0.00	4.13	149.17	1.49	0.28	1.00	0.00
4.14	148.50	1.46	0.30	1.00	0.00	4.15	148.52	1.46	0.30	1.00	0.00
4.16	149.23	1.49	0.28	1.00	0.00	4.17	150.72	1.55	0.23	1.00	0.00
4.18	151.65	1.59	0.21	1.00	0.00	4.19	153.48	1.68	0.15	1.00	0.00
4.20	153.73	1.69	0.15	1.00	0.00	4.21	153.29	1.67	0.16	1.00	0.00
4.22	152.63	1.64	0.18	1.00	0.00	4.23	150.84	1.56	0.23	1.00	0.00
4.24	149.96	1.52	0.26	1.00	0.00	4.25	148.39	1.45	0.31	1.00	0.00
4.26	147.27	1.41	0.35	1.00	0.00	4.27	145.47	1.35	0.41	1.00	0.00
4.28	144.35	1.31	0.45	1.00	0.00	4.29	143.46	1.28	0.48	1.00	0.00
4.30	141.31	1.22	0.57	1.00	0.01	4.31	138.80	1.15	0.68	1.00	0.01
4.32	137.32	1.11	0.75	1.00	0.01	4.33	135.73	1.07	0.84	1.00	0.01
4.34	135.99	1.08	0.82	1.00	0.01	4.35	136.59	1.09	0.79	1.00	0.01
4.36	140.76	1.20	0.60	1.00	0.01	4.37	143.98	1.29	0.47	1.00	0.00
4.38	150.91	1.55	0.23	1.00	0.00	4.39	153.74	1.68	0.15	1.00	0.00
4.40	158.79	1.96	0.01	1.00	0.00	4.41	161.25	2.00	0.00	1.00	0.00
4.42	163.81	2.00	0.00	1.00	0.00	4.43	165.25	2.00	0.00	1.00	0.00
4.44	168.01	2.00	0.00	1.00	0.00	4.45	169.45	2.00	0.00	1.00	0.00
4.46	170.88	2.00	0.00	1.00	0.00	4.47	170.90	2.00	0.00	1.00	0.00
4.48	170.58	2.00	0.00	1.00	0.00	4.49	170.05	2.00	0.00	1.00	0.00
4.50	169.52	2.00	0.00	1.00	0.00	4.51	168.55	2.00	0.00	1.00	0.00
4.52	166.81	2.00	0.00	1.00	0.00	4.53	165.40	2.00	0.00	1.00	0.00
4.54	163.66	2.00	0.00	1.00	0.00	4.55	160.04	2.00	0.00	1.00	0.00
4.56	157.73	1.89	0.05	1.00	0.00	4.57	152.07	1.60	0.20	1.00	0.00
4.58	148.61	1.45	0.31	1.00	0.00	4.59	140.61	1.19	0.61	1.00	0.01
4.60	136.42	1.08	0.81	1.00	0.01	4.61	127.46	0.90	1.51	1.00	0.02
4.62	123.45	0.84	2.11	1.00	0.02	4.63	117.34	0.75	2.72	1.00	0.03
4.64	115.44	0.73	2.77	1.00	0.03	4.65	112.93	0.70	2.83	1.00	0.03
4.66	113.11	0.70	2.83	1.00	0.03	4.67	113.25	0.71	2.82	1.00	0.03
4.68	114.21	0.72	2.80	1.00	0.03	4.69	116.13	0.74	2.75	1.00	0.03
4.70	121.94	0.81	2.48	1.00	0.02	4.71	125.91	0.87	1.73	1.00	0.02
4.72	126.75	0.88	1.62	1.00	0.02	4.73	126.90	0.89	1.60	1.00	0.02
4.74	124.50	0.85	1.95	1.00	0.02	4.75	122.69	0.82	2.32	1.00	0.02
4.76	118.26	0.76	2.70	1.00	0.03	4.77	112.50	0.69	2.84	1.00	0.03
4.78	109.08	0.66	2.94	1.00	0.03	4.79	105.89	0.63	3.03	1.00	0.03
4.80	99.53	0.58	3.23	1.00	0.03	4.81	96.86	0.56	3.32	1.00	0.03
4.82	92.60	0.54	3.47	1.00	0.03	4.83	91.31	0.53	3.52	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	89.86	0.52	3.58	1.00	0.04	4.85	90.11	0.52	3.57	1.00	0.04
4.86	90.31	0.52	3.56	1.00	0.04	4.87	91.66	0.53	3.51	1.00	0.04
4.88	92.92	0.54	3.46	1.00	0.03	4.89	94.60	0.55	3.40	1.00	0.03
4.90	95.83	0.55	3.36	1.00	0.03	4.91	96.02	0.56	3.35	1.00	0.03
4.92	93.12	0.54	3.45	1.00	0.03	4.93	89.15	0.51	3.61	1.00	0.04
4.94	88.50	0.51	3.63	1.00	0.04	4.95	88.71	0.51	3.62	1.00	0.04
4.96	88.61	0.51	3.63	1.00	0.04	4.97	88.18	0.51	3.65	1.00	0.04
4.98	88.74	0.51	3.62	1.00	0.04	4.99	89.27	0.51	3.60	1.00	0.04
5.00	89.82	0.52	3.58	1.00	0.04	5.01	92.32	0.53	3.48	1.00	0.03
5.02	93.48	0.54	3.44	1.00	0.03	5.03	93.78	0.54	3.43	1.00	0.03
5.04	93.72	0.54	3.43	1.00	0.03	5.05	93.42	0.54	3.44	1.00	0.03
5.06	92.03	0.53	3.49	1.00	0.03	5.07	91.36	0.52	3.52	1.00	0.04
5.08	89.11	0.51	3.61	1.00	0.04	5.09	88.44	0.51	3.64	1.00	0.04
5.10	87.53	0.50	3.67	1.00	0.04	5.11	86.86	0.50	3.70	1.00	0.04
5.12	87.05	0.50	3.69	1.00	0.04	5.13	87.24	0.50	3.68	1.00	0.04
5.14	87.06	0.50	3.69	1.00	0.04	5.15	87.00	0.50	3.69	1.00	0.04
5.16	87.07	0.50	3.69	1.00	0.04	5.17	87.01	0.50	3.69	1.00	0.04
5.18	86.48	0.49	3.72	1.00	0.04	5.19	85.83	0.49	3.74	1.00	0.04
5.20	84.22	0.48	3.81	1.00	0.04	5.21	83.92	0.48	3.83	1.00	0.04
5.22	83.76	0.48	3.83	1.00	0.04	5.23	83.44	0.48	3.85	1.00	0.04
5.24	83.03	0.48	3.87	1.00	0.04	5.25	82.60	0.47	3.89	1.00	0.04
5.26	82.19	0.47	3.91	1.00	0.04	5.27	81.69	0.47	3.93	1.00	0.04
5.28	81.74	0.47	3.93	1.00	0.04	5.29	82.06	0.47	3.91	1.00	0.04
5.30	81.84	0.47	3.92	1.00	0.04	5.31	82.47	0.47	3.89	1.00	0.04
5.32	82.66	0.47	3.88	1.00	0.04	5.33	82.45	0.47	3.89	1.00	0.04
5.34	82.48	0.47	3.89	1.00	0.04	5.35	81.73	0.47	3.93	1.00	0.04
5.36	81.30	0.47	3.95	1.00	0.04	5.37	80.33	0.46	3.99	1.00	0.04
5.38	79.63	0.46	4.03	1.00	0.04	5.39	79.46	0.46	4.04	1.00	0.04
5.40	77.10	0.45	4.15	1.00	0.04	5.41	79.09	0.46	4.05	1.00	0.04
5.42	80.31	0.46	3.99	1.00	0.04	5.43	79.94	0.46	4.01	1.00	0.04
5.44	79.65	0.46	4.03	1.00	0.04	5.45	78.49	0.45	4.08	1.00	0.04
5.46	76.10	0.44	4.21	1.00	0.04	5.47	76.24	0.44	4.20	1.00	0.04
5.48	75.30	0.44	4.25	1.00	0.04	5.49	74.79	0.44	4.28	1.00	0.04
5.50	78.21	0.45	4.10	1.00	0.04	5.51	80.41	0.46	3.99	1.00	0.04
5.52	81.45	0.47	3.94	1.00	0.04	5.53	81.04	0.46	3.96	1.00	0.04
5.54	79.17	0.45	4.05	1.00	0.04	5.55	77.95	0.45	4.11	1.00	0.04
5.56	76.75	0.44	4.17	1.00	0.04	5.57	75.32	0.44	4.25	1.00	0.04
5.58	78.13	0.45	4.10	1.00	0.04	5.59	81.03	0.46	3.96	1.00	0.04
5.60	85.07	0.48	3.78	1.00	0.04	5.61	85.49	0.48	3.76	1.00	0.04
5.62	87.96	0.50	3.65	1.00	0.04	5.63	88.85	0.50	3.62	1.00	0.04
5.64	87.94	0.50	3.66	1.00	0.04	5.65	88.35	0.50	3.64	1.00	0.04
5.66	88.34	0.50	3.64	1.00	0.04	5.67	88.32	0.50	3.64	1.00	0.04
5.68	88.14	0.50	3.65	1.00	0.04	5.69	88.34	0.50	3.64	1.00	0.04
5.70	88.56	0.50	3.63	1.00	0.04	5.71	87.56	0.49	3.67	1.00	0.04
5.72	88.95	0.50	3.61	1.00	0.04	5.73	86.37	0.49	3.72	1.00	0.04
5.74	81.35	0.46	3.94	1.00	0.04	5.75	79.65	0.45	4.03	1.00	0.04
5.76	75.54	0.44	4.23	1.00	0.04	5.77	75.55	0.44	4.23	1.00	0.04
5.78	78.57	0.45	4.08	1.00	0.04	5.79	78.91	0.45	4.06	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	78.73	0.45	4.07	1.00	0.04	5.81	78.69	0.45	4.07	1.00	0.04
5.82	78.28	0.45	4.09	1.00	0.04	5.83	77.51	0.44	4.13	1.00	0.04
5.84	76.26	0.44	4.20	1.00	0.04	5.85	74.05	0.43	4.32	1.00	0.04
5.86	73.01	0.43	4.37	1.00	0.04	5.87	73.50	0.43	4.35	1.00	0.04
5.88	75.63	0.44	4.23	1.00	0.04	5.89	80.75	0.46	3.97	1.00	0.04
5.90	83.02	0.47	3.87	1.00	0.04	5.91	84.64	0.48	3.80	1.00	0.04
5.92	85.49	0.48	3.76	1.00	0.04	5.93	81.82	0.46	3.92	1.00	0.04
5.94	83.73	0.47	3.84	1.00	0.04	5.95	85.68	0.48	3.75	1.00	0.04
5.96	87.29	0.49	3.68	1.00	0.04	5.97	88.85	0.50	3.62	1.00	0.04
5.98	89.99	0.50	3.57	1.00	0.04	5.99	90.89	0.51	3.54	1.00	0.04
6.00	91.77	0.51	3.50	1.00	0.04	6.01	92.29	0.52	3.48	1.00	0.03
6.02	92.95	0.52	3.46	1.00	0.03	6.03	94.05	0.53	3.42	1.00	0.03
6.04	94.81	0.53	3.39	1.00	0.03	6.05	95.40	0.53	3.37	1.00	0.03
6.06	94.72	0.53	3.39	1.00	0.03	6.07	93.14	0.52	3.45	1.00	0.03
6.08	89.87	0.50	3.58	1.00	0.04	6.09	87.65	0.49	3.67	1.00	0.04
6.10	86.18	0.48	3.73	1.00	0.04	6.11	84.33	0.47	3.81	1.00	0.04
6.12	83.00	0.47	3.87	1.00	0.04	6.13	82.69	0.46	3.88	1.00	0.04
6.14	83.50	0.47	3.85	1.00	0.04	6.15	84.19	0.47	3.82	1.00	0.04
6.16	85.33	0.48	3.77	1.00	0.04	6.17	86.80	0.48	3.70	1.00	0.04
6.18	89.74	0.50	3.58	1.00	0.04	6.19	88.98	0.50	3.61	1.00	0.04
6.20	89.59	0.50	3.59	1.00	0.04	6.21	88.27	0.49	3.64	1.00	0.04
6.22	86.43	0.48	3.72	1.00	0.04	6.23	81.73	0.46	3.93	1.00	0.04
6.24	81.32	0.46	3.95	1.00	0.04	6.25	81.04	0.46	3.96	1.00	0.04
6.26	82.41	0.46	3.90	1.00	0.04	6.27	88.49	0.49	3.63	1.00	0.04
6.28	91.86	0.51	3.50	1.00	0.04	6.29	96.78	0.54	3.32	1.00	0.03
6.30	99.39	0.56	3.23	1.00	0.03	6.31	105.87	0.60	3.03	1.00	0.03
6.32	107.68	0.62	2.98	1.00	0.03	6.33	108.69	0.63	2.95	1.00	0.03
6.34	114.85	0.69	2.78	1.00	0.03	6.35	114.46	0.68	2.79	1.00	0.03
6.36	109.45	0.63	2.93	1.00	0.03	6.37	100.25	0.56	3.20	1.00	0.03
6.38	103.51	0.59	3.10	1.00	0.03	6.39	104.19	0.59	3.08	1.00	0.03
6.40	101.16	0.57	3.18	1.00	0.03	6.41	98.42	0.55	3.27	1.00	0.03
6.42	94.93	0.53	3.39	1.00	0.03	6.43	90.99	0.50	3.53	1.00	0.04
6.44	81.41	0.46	3.94	1.00	0.04	6.45	80.47	0.45	3.99	1.00	0.04
6.46	85.09	0.47	3.78	1.00	0.04	6.47	86.61	0.48	3.71	1.00	0.04
6.48	91.03	0.50	3.53	1.00	0.04	6.49	92.43	0.51	3.48	1.00	0.03
6.50	95.50	0.53	3.37	1.00	0.03	6.51	92.39	0.51	3.48	1.00	0.03
6.52	91.66	0.51	3.51	1.00	0.04	6.53	89.23	0.49	3.60	1.00	0.04
6.54	87.86	0.49	3.66	1.00	0.04	6.55	83.00	0.46	3.87	1.00	0.04
6.56	23.58	2.00	0.00	1.00	0.00	6.57	21.33	2.00	0.00	1.00	0.00
6.58	18.70	2.00	0.00	1.00	0.00	6.59	14.57	2.00	0.00	1.00	0.00
6.60	13.56	2.00	0.00	1.00	0.00	6.61	12.55	2.00	0.00	1.00	0.00
6.62	12.04	2.00	0.00	1.00	0.00	6.63	16.77	2.00	0.00	1.00	0.00
6.64	24.16	2.00	0.00	1.00	0.00	6.65	90.41	0.50	3.56	1.00	0.04
6.66	103.26	0.58	3.11	1.00	0.03	6.67	102.27	0.57	3.14	1.00	0.03
6.68	102.84	0.58	3.12	1.00	0.03	6.69	102.23	0.57	3.14	1.00	0.03
6.70	99.93	0.56	3.22	1.00	0.03	6.71	99.64	0.56	3.22	1.00	0.03
6.72	98.76	0.55	3.25	1.00	0.03	6.73	94.51	0.52	3.40	1.00	0.03
6.74	92.80	0.51	3.47	1.00	0.03	6.75	91.17	0.50	3.53	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	89.97	0.50	3.57	1.00	0.04	6.77	85.85	0.48	3.74	1.00	0.04
6.78	84.63	0.47	3.80	1.00	0.04	6.79	83.16	0.46	3.86	1.00	0.04
6.80	81.74	0.46	3.93	1.00	0.04	6.81	77.09	0.44	4.15	1.00	0.04
6.82	76.02	0.43	4.21	1.00	0.04	6.83	17.70	2.00	0.00	1.00	0.00
6.84	16.08	2.00	0.00	1.00	0.00	6.85	15.20	2.00	0.00	1.00	0.00
6.86	14.45	2.00	0.00	1.00	0.00	6.87	15.06	2.00	0.00	1.00	0.00
6.88	77.91	0.44	4.11	1.00	0.04	6.89	98.97	0.55	3.25	1.00	0.03
6.90	105.30	0.59	3.05	1.00	0.03	6.91	99.90	0.56	3.22	1.00	0.03
6.92	90.07	0.50	3.57	1.00	0.04	6.93	89.44	0.49	3.59	1.00	0.04
6.94	78.08	0.44	4.10	1.00	0.04	6.95	77.30	0.44	4.14	1.00	0.04
6.96	77.58	0.44	4.13	1.00	0.04	6.97	77.50	0.44	4.13	1.00	0.04
6.98	80.14	0.45	4.00	1.00	0.04	6.99	83.13	0.46	3.86	1.00	0.04
7.00	84.65	0.47	3.80	1.00	0.04	7.01	86.35	0.48	3.72	1.00	0.04
7.02	87.00	0.48	3.69	1.00	0.04	7.03	88.38	0.49	3.64	1.00	0.04
7.04	91.77	0.50	3.50	1.00	0.04	7.05	92.26	0.51	3.49	1.00	0.03
7.06	93.37	0.51	3.44	1.00	0.03	7.07	94.27	0.52	3.41	1.00	0.03
7.08	89.41	0.49	3.60	1.00	0.04	7.09	88.62	0.49	3.63	1.00	0.04
7.10	87.22	0.48	3.69	1.00	0.04	7.11	86.91	0.48	3.70	1.00	0.04
7.12	85.86	0.47	3.74	1.00	0.04	7.13	85.77	0.47	3.75	1.00	0.04
7.14	83.83	0.46	3.83	1.00	0.04	7.15	84.43	0.47	3.81	1.00	0.04
7.16	20.82	2.00	0.00	1.00	0.00	7.17	18.51	2.00	0.00	1.00	0.00
7.18	16.09	2.00	0.00	1.00	0.00	7.19	13.54	2.00	0.00	1.00	0.00
7.20	12.08	2.00	0.00	1.00	0.00	7.21	11.35	2.00	0.00	1.00	0.00
7.22	10.13	2.00	0.00	1.00	0.00	7.23	10.85	2.00	0.00	1.00	0.00
7.24	12.29	2.00	0.00	1.00	0.00	7.25	13.61	2.00	0.00	1.00	0.00
7.26	13.72	2.00	0.00	1.00	0.00	7.27	12.15	2.00	0.00	1.00	0.00
7.28	10.93	2.00	0.00	1.00	0.00	7.29	9.72	2.00	0.00	1.00	0.00
7.30	7.52	2.00	0.00	1.00	0.00	7.31	7.27	2.00	0.00	1.00	0.00
7.32	6.90	2.00	0.00	1.00	0.00	7.33	6.53	2.00	0.00	1.00	0.00
7.34	6.29	2.00	0.00	1.00	0.00	7.35	6.16	2.00	0.00	1.00	0.00
7.36	6.16	2.00	0.00	1.00	0.00	7.37	6.28	2.00	0.00	1.00	0.00
7.38	6.39	2.00	0.00	1.00	0.00	7.39	6.75	2.00	0.00	1.00	0.00
7.40	7.24	2.00	0.00	1.00	0.00	7.41	8.44	2.00	0.00	1.00	0.00
7.42	9.40	2.00	0.00	1.00	0.00	7.43	10.36	2.00	0.00	1.00	0.00
7.44	12.40	2.00	0.00	1.00	0.00	7.45	13.00	2.00	0.00	1.00	0.00
7.46	13.11	2.00	0.00	1.00	0.00	7.47	12.62	2.00	0.00	1.00	0.00
7.48	12.14	2.00	0.00	1.00	0.00	7.49	11.53	2.00	0.00	1.00	0.00
7.50	10.68	2.00	0.00	1.00	0.00	7.51	9.12	2.00	0.00	1.00	0.00
7.52	8.39	2.00	0.00	1.00	0.00	7.53	7.55	2.00	0.00	1.00	0.00
7.54	6.09	2.00	0.00	1.00	0.00	7.55	5.97	2.00	0.00	1.00	0.00
7.56	5.60	2.00	0.00	1.00	0.00	7.57	5.48	2.00	0.00	1.00	0.00
7.58	5.23	2.00	0.00	1.00	0.00	7.59	5.11	2.00	0.00	1.00	0.00
7.60	4.99	2.00	0.00	1.00	0.00	7.61	4.86	2.00	0.00	1.00	0.00
7.62	4.98	2.00	0.00	1.00	0.00	7.63	66.61	0.39	4.76	1.00	0.05
7.64	118.01	0.71	2.70	1.00	0.03	7.65	86.12	0.47	3.73	1.00	0.04
7.66	95.38	0.52	3.37	1.00	0.03	7.67	89.95	0.49	3.57	1.00	0.04
7.68	89.59	0.49	3.59	1.00	0.04	7.69	86.78	0.48	3.70	1.00	0.04
7.70	79.97	0.44	4.01	1.00	0.04	7.71	81.80	0.45	3.92	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	85.63	0.47	3.75	1.00	0.04	7.73	76.84	0.43	4.17	1.00	0.04
7.74	81.71	0.45	3.93	1.00	0.04	7.75	15.97	2.00	0.00	1.00	0.00
7.76	10.76	2.00	0.00	1.00	0.00	7.77	10.87	2.00	0.00	1.00	0.00
7.78	11.22	2.00	0.00	1.00	0.00	7.79	11.68	2.00	0.00	1.00	0.00
7.80	12.26	2.00	0.00	1.00	0.00	7.81	12.61	2.00	0.00	1.00	0.00
7.82	12.84	2.00	0.00	1.00	0.00	7.83	13.06	2.00	0.00	1.00	0.00
7.84	13.05	2.00	0.00	1.00	0.00	7.85	13.16	2.00	0.00	1.00	0.00
7.86	13.15	2.00	0.00	1.00	0.00	7.87	12.79	2.00	0.00	1.00	0.00
7.88	12.67	2.00	0.00	1.00	0.00	7.89	12.78	2.00	0.00	1.00	0.00
7.90	12.54	2.00	0.00	1.00	0.00	7.91	12.53	2.00	0.00	1.00	0.00
7.92	12.52	2.00	0.00	1.00	0.00	7.93	12.40	2.00	0.00	1.00	0.00
7.94	12.74	2.00	0.00	1.00	0.00	7.95	12.85	2.00	0.00	1.00	0.00
7.96	13.07	2.00	0.00	1.00	0.00	7.97	13.41	2.00	0.00	1.00	0.00
7.98	13.52	2.00	0.00	1.00	0.00	7.99	13.63	2.00	0.00	1.00	0.00
8.00	13.74	2.00	0.00	1.00	0.00	8.01	13.84	2.00	0.00	1.00	0.00
8.02	13.95	2.00	0.00	1.00	0.00	8.03	14.17	2.00	0.00	1.00	0.00
8.04	14.40	2.00	0.00	1.00	0.00	8.05	14.62	2.00	0.00	1.00	0.00
8.06	14.61	2.00	0.00	1.00	0.00	8.07	14.60	2.00	0.00	1.00	0.00
8.08	14.71	2.00	0.00	1.00	0.00	8.09	14.81	2.00	0.00	1.00	0.00
8.10	14.69	2.00	0.00	1.00	0.00	8.11	14.68	2.00	0.00	1.00	0.00
8.12	14.56	2.00	0.00	1.00	0.00	8.13	14.43	2.00	0.00	1.00	0.00
8.14	14.19	2.00	0.00	1.00	0.00	8.15	14.07	2.00	0.00	1.00	0.00
8.16	14.29	2.00	0.00	1.00	0.00	8.17	14.40	2.00	0.00	1.00	0.00
8.18	14.05	2.00	0.00	1.00	0.00	8.19	13.69	2.00	0.00	1.00	0.00
8.20	13.46	2.00	0.00	1.00	0.00	8.21	13.33	2.00	0.00	1.00	0.00
8.22	13.44	2.00	0.00	1.00	0.00	8.23	13.32	2.00	0.00	1.00	0.00
8.24	13.31	2.00	0.00	1.00	0.00	8.25	13.30	2.00	0.00	1.00	0.00
8.26	13.29	2.00	0.00	1.00	0.00	8.27	13.29	2.00	0.00	1.00	0.00
8.28	13.39	2.00	0.00	1.00	0.00	8.29	13.61	2.00	0.00	1.00	0.00
8.30	13.72	2.00	0.00	1.00	0.00	8.31	13.94	2.00	0.00	1.00	0.00
8.32	14.16	2.00	0.00	1.00	0.00	8.33	14.26	2.00	0.00	1.00	0.00
8.34	14.37	2.00	0.00	1.00	0.00	8.35	14.47	2.00	0.00	1.00	0.00
8.36	14.92	2.00	0.00	1.00	0.00	8.37	15.36	2.00	0.00	1.00	0.00
8.38	15.35	2.00	0.00	1.00	0.00	8.39	14.89	2.00	0.00	1.00	0.00
8.40	14.65	2.00	0.00	1.00	0.00	8.41	14.64	2.00	0.00	1.00	0.00
8.42	14.52	2.00	0.00	1.00	0.00	8.43	14.06	2.00	0.00	1.00	0.00
8.44	14.06	2.00	0.00	1.00	0.00	8.45	14.05	2.00	0.00	1.00	0.00
8.46	14.15	2.00	0.00	1.00	0.00	8.47	14.37	2.00	0.00	1.00	0.00
8.48	14.36	2.00	0.00	1.00	0.00	8.49	14.13	2.00	0.00	1.00	0.00
8.50	14.01	2.00	0.00	1.00	0.00	8.51	13.77	2.00	0.00	1.00	0.00
8.52	13.65	2.00	0.00	1.00	0.00	8.53	13.76	2.00	0.00	1.00	0.00
8.54	13.64	2.00	0.00	1.00	0.00	8.55	13.96	2.00	0.00	1.00	0.00
8.56	14.07	2.00	0.00	1.00	0.00	8.57	14.39	2.00	0.00	1.00	0.00
8.58	14.50	2.00	0.00	1.00	0.00	8.59	14.38	2.00	0.00	1.00	0.00
8.60	14.70	2.00	0.00	1.00	0.00	8.61	15.03	2.00	0.00	1.00	0.00
8.62	15.25	2.00	0.00	1.00	0.00	8.63	15.57	2.00	0.00	1.00	0.00
8.64	15.67	2.00	0.00	1.00	0.00	8.65	15.89	2.00	0.00	1.00	0.00
8.66	15.88	2.00	0.00	1.00	0.00	8.67	15.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	15.53	2.00	0.00	1.00	0.00	8.69	15.29	2.00	0.00	1.00	0.00
8.70	15.29	2.00	0.00	1.00	0.00	8.71	14.94	2.00	0.00	1.00	0.00
8.72	14.71	2.00	0.00	1.00	0.00	8.73	14.71	2.00	0.00	1.00	0.00
8.74	14.81	2.00	0.00	1.00	0.00	8.75	15.02	2.00	0.00	1.00	0.00
8.76	15.12	2.00	0.00	1.00	0.00	8.77	14.89	2.00	0.00	1.00	0.00
8.78	14.99	2.00	0.00	1.00	0.00	8.79	15.32	2.00	0.00	1.00	0.00
8.80	15.64	2.00	0.00	1.00	0.00	8.81	15.85	2.00	0.00	1.00	0.00
8.82	15.95	2.00	0.00	1.00	0.00	8.83	16.06	2.00	0.00	1.00	0.00
8.84	16.05	2.00	0.00	1.00	0.00	8.85	15.71	2.00	0.00	1.00	0.00
8.86	15.48	2.00	0.00	1.00	0.00	8.87	15.58	2.00	0.00	1.00	0.00
8.88	15.57	2.00	0.00	1.00	0.00	8.89	15.34	2.00	0.00	1.00	0.00
8.90	14.89	2.00	0.00	1.00	0.00	8.91	14.88	2.00	0.00	1.00	0.00
8.92	14.88	2.00	0.00	1.00	0.00	8.93	15.09	2.00	0.00	1.00	0.00
8.94	15.30	2.00	0.00	1.00	0.00	8.95	15.07	2.00	0.00	1.00	0.00
8.96	14.95	2.00	0.00	1.00	0.00	8.97	15.16	2.00	0.00	1.00	0.00
8.98	15.04	2.00	0.00	1.00	0.00	8.99	14.71	2.00	0.00	1.00	0.00
9.00	14.48	2.00	0.00	1.00	0.00	9.01	14.04	2.00	0.00	1.00	0.00
9.02	13.92	2.00	0.00	1.00	0.00	9.03	13.69	2.00	0.00	1.00	0.00
9.04	13.47	2.00	0.00	1.00	0.00	9.05	13.46	2.00	0.00	1.00	0.00
9.06	13.34	2.00	0.00	1.00	0.00	9.07	13.01	2.00	0.00	1.00	0.00
9.08	12.78	2.00	0.00	1.00	0.00	9.09	12.66	2.00	0.00	1.00	0.00
9.10	12.44	2.00	0.00	1.00	0.00	9.11	12.32	2.00	0.00	1.00	0.00
9.12	12.32	2.00	0.00	1.00	0.00	9.13	12.20	2.00	0.00	1.00	0.00
9.14	11.87	2.00	0.00	1.00	0.00	9.15	11.75	2.00	0.00	1.00	0.00
9.16	11.64	2.00	0.00	1.00	0.00	9.17	11.63	2.00	0.00	1.00	0.00
9.18	11.62	2.00	0.00	1.00	0.00	9.19	11.62	2.00	0.00	1.00	0.00
9.20	11.61	2.00	0.00	1.00	0.00	9.21	11.49	2.00	0.00	1.00	0.00
9.22	11.27	2.00	0.00	1.00	0.00	9.23	11.16	2.00	0.00	1.00	0.00
9.24	11.15	2.00	0.00	1.00	0.00	9.25	11.04	2.00	0.00	1.00	0.00
9.26	11.03	2.00	0.00	1.00	0.00	9.27	11.03	2.00	0.00	1.00	0.00
9.28	11.02	2.00	0.00	1.00	0.00	9.29	11.12	2.00	0.00	1.00	0.00
9.30	11.12	2.00	0.00	1.00	0.00	9.31	11.11	2.00	0.00	1.00	0.00
9.32	11.32	2.00	0.00	1.00	0.00	9.33	11.21	2.00	0.00	1.00	0.00
9.34	11.09	2.00	0.00	1.00	0.00	9.35	11.19	2.00	0.00	1.00	0.00
9.36	11.73	2.00	0.00	1.00	0.00	9.37	12.05	2.00	0.00	1.00	0.00
9.38	12.36	2.00	0.00	1.00	0.00	9.39	12.89	2.00	0.00	1.00	0.00
9.40	13.10	2.00	0.00	1.00	0.00	9.41	13.20	2.00	0.00	1.00	0.00
9.42	13.41	2.00	0.00	1.00	0.00	9.43	13.51	2.00	0.00	1.00	0.00
9.44	13.61	2.00	0.00	1.00	0.00	9.45	13.60	2.00	0.00	1.00	0.00
9.46	13.81	2.00	0.00	1.00	0.00	9.47	13.80	2.00	0.00	1.00	0.00
9.48	13.69	2.00	0.00	1.00	0.00	9.49	13.58	2.00	0.00	1.00	0.00
9.50	13.57	2.00	0.00	1.00	0.00	9.51	13.56	2.00	0.00	1.00	0.00
9.52	13.55	2.00	0.00	1.00	0.00	9.53	13.33	2.00	0.00	1.00	0.00
9.54	13.22	2.00	0.00	1.00	0.00	9.55	13.21	2.00	0.00	1.00	0.00
9.56	13.21	2.00	0.00	1.00	0.00	9.57	13.41	2.00	0.00	1.00	0.00
9.58	13.41	2.00	0.00	1.00	0.00	9.59	13.29	2.00	0.00	1.00	0.00
9.60	13.18	2.00	0.00	1.00	0.00	9.61	13.17	2.00	0.00	1.00	0.00
9.62	13.16	2.00	0.00	1.00	0.00	9.63	13.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	12.94	2.00	0.00	1.00	0.00	9.65	12.93	2.00	0.00	1.00	0.00
9.66	12.93	2.00	0.00	1.00	0.00	9.67	12.92	2.00	0.00	1.00	0.00
9.68	13.12	2.00	0.00	1.00	0.00	9.69	13.43	2.00	0.00	1.00	0.00
9.70	13.64	2.00	0.00	1.00	0.00	9.71	13.74	2.00	0.00	1.00	0.00
9.72	13.84	2.00	0.00	1.00	0.00	9.73	14.04	2.00	0.00	1.00	0.00
9.74	14.56	2.00	0.00	1.00	0.00	9.75	14.66	2.00	0.00	1.00	0.00
9.76	14.86	2.00	0.00	1.00	0.00	9.77	14.75	2.00	0.00	1.00	0.00
9.78	14.43	2.00	0.00	1.00	0.00	9.79	14.00	2.00	0.00	1.00	0.00
9.80	13.36	2.00	0.00	1.00	0.00	9.81	13.25	2.00	0.00	1.00	0.00
9.82	13.13	2.00	0.00	1.00	0.00	9.83	13.13	2.00	0.00	1.00	0.00
9.84	12.81	2.00	0.00	1.00	0.00	9.85	12.69	2.00	0.00	1.00	0.00
9.86	12.37	2.00	0.00	1.00	0.00	9.87	11.63	2.00	0.00	1.00	0.00
9.88	11.41	2.00	0.00	1.00	0.00	9.89	10.67	2.00	0.00	1.00	0.00
9.90	10.25	2.00	0.00	1.00	0.00	9.91	10.24	2.00	0.00	1.00	0.00
9.92	10.23	2.00	0.00	1.00	0.00	9.93	9.81	2.00	0.00	1.00	0.00
9.94	9.49	2.00	0.00	1.00	0.00	9.95	9.17	2.00	0.00	1.00	0.00
9.96	8.95	2.00	0.00	1.00	0.00	9.97	8.42	2.00	0.00	1.00	0.00
9.98	8.21	2.00	0.00	1.00	0.00	9.99	7.89	2.00	0.00	1.00	0.00
10.00	7.78	2.00	0.00	1.00	0.00	10.01	7.46	2.00	0.00	1.00	0.00
10.02	7.36	2.00	0.00	1.00	0.00	10.03	7.04	2.00	0.00	1.00	0.00
10.04	6.83	2.00	0.00	1.00	0.00	10.05	6.72	2.00	0.00	1.00	0.00
10.06	6.61	2.00	0.00	1.00	0.00	10.07	6.61	2.00	0.00	1.00	0.00
10.08	6.60	2.00	0.00	1.00	0.00	10.09	6.60	2.00	0.00	1.00	0.00
10.10	6.70	2.00	0.00	1.00	0.00	10.11	6.80	2.00	0.00	1.00	0.00
10.12	7.01	2.00	0.00	1.00	0.00	10.13	7.00	2.00	0.00	1.00	0.00
10.14	7.11	2.00	0.00	1.00	0.00	10.15	7.21	2.00	0.00	1.00	0.00
10.16	7.20	2.00	0.00	1.00	0.00	10.17	7.30	2.00	0.00	1.00	0.00
10.18	7.51	2.00	0.00	1.00	0.00	10.19	7.61	2.00	0.00	1.00	0.00
10.20	7.81	2.00	0.00	1.00	0.00	10.21	7.91	2.00	0.00	1.00	0.00
10.22	8.01	2.00	0.00	1.00	0.00	10.23	8.22	2.00	0.00	1.00	0.00
10.24	8.32	2.00	0.00	1.00	0.00	10.25	8.63	2.00	0.00	1.00	0.00
10.26	8.83	2.00	0.00	1.00	0.00	10.27	9.03	2.00	0.00	1.00	0.00
10.28	9.13	2.00	0.00	1.00	0.00	10.29	9.33	2.00	0.00	1.00	0.00
10.30	9.54	2.00	0.00	1.00	0.00	10.31	9.74	2.00	0.00	1.00	0.00
10.32	9.94	2.00	0.00	1.00	0.00	10.33	10.14	2.00	0.00	1.00	0.00
10.34	10.55	2.00	0.00	1.00	0.00	10.35	10.65	2.00	0.00	1.00	0.00
10.36	10.85	2.00	0.00	1.00	0.00	10.37	10.95	2.00	0.00	1.00	0.00
10.38	11.05	2.00	0.00	1.00	0.00	10.39	11.14	2.00	0.00	1.00	0.00
10.40	11.14	2.00	0.00	1.00	0.00	10.41	11.03	2.00	0.00	1.00	0.00
10.42	11.02	2.00	0.00	1.00	0.00	10.43	11.02	2.00	0.00	1.00	0.00
10.44	10.71	2.00	0.00	1.00	0.00	10.45	10.50	2.00	0.00	1.00	0.00
10.46	10.39	2.00	0.00	1.00	0.00	10.47	10.08	2.00	0.00	1.00	0.00
10.48	9.97	2.00	0.00	1.00	0.00	10.49	9.76	2.00	0.00	1.00	0.00
10.50	9.55	2.00	0.00	1.00	0.00	10.51	9.24	2.00	0.00	1.00	0.00
10.52	9.03	2.00	0.00	1.00	0.00	10.53	8.72	2.00	0.00	1.00	0.00
10.54	8.51	2.00	0.00	1.00	0.00	10.55	8.10	2.00	0.00	1.00	0.00
10.56	7.89	2.00	0.00	1.00	0.00	10.57	7.58	2.00	0.00	1.00	0.00
10.58	7.37	2.00	0.00	1.00	0.00	10.59	7.26	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	7.06	2.00	0.00	1.00	0.00	10.61	7.05	2.00	0.00	1.00	0.00
10.62	6.95	2.00	0.00	1.00	0.00	10.63	6.84	2.00	0.00	1.00	0.00
10.64	6.84	2.00	0.00	1.00	0.00	10.65	6.84	2.00	0.00	1.00	0.00
10.66	6.94	2.00	0.00	1.00	0.00	10.67	7.03	2.00	0.00	1.00	0.00
10.68	7.03	2.00	0.00	1.00	0.00	10.69	7.03	2.00	0.00	1.00	0.00
10.70	6.92	2.00	0.00	1.00	0.00	10.71	6.92	2.00	0.00	1.00	0.00
10.72	7.02	2.00	0.00	1.00	0.00	10.73	7.02	2.00	0.00	1.00	0.00
10.74	6.91	2.00	0.00	1.00	0.00	10.75	6.81	2.00	0.00	1.00	0.00
10.76	6.80	2.00	0.00	1.00	0.00	10.77	6.90	2.00	0.00	1.00	0.00
10.78	7.00	2.00	0.00	1.00	0.00	10.79	7.00	2.00	0.00	1.00	0.00
10.80	6.79	2.00	0.00	1.00	0.00	10.81	6.69	2.00	0.00	1.00	0.00
10.82	6.69	2.00	0.00	1.00	0.00	10.83	6.58	2.00	0.00	1.00	0.00
10.84	6.48	2.00	0.00	1.00	0.00	10.85	6.38	2.00	0.00	1.00	0.00
10.86	6.37	2.00	0.00	1.00	0.00	10.87	6.37	2.00	0.00	1.00	0.00
10.88	6.37	2.00	0.00	1.00	0.00	10.89	6.57	2.00	0.00	1.00	0.00
10.90	6.67	2.00	0.00	1.00	0.00	10.91	6.66	2.00	0.00	1.00	0.00
10.92	6.66	2.00	0.00	1.00	0.00	10.93	7.36	2.00	0.00	1.00	0.00
10.94	7.46	2.00	0.00	1.00	0.00	10.95	7.56	2.00	0.00	1.00	0.00
10.96	7.96	2.00	0.00	1.00	0.00	10.97	8.16	2.00	0.00	1.00	0.00
10.98	8.96	2.00	0.00	1.00	0.00	10.99	9.56	2.00	0.00	1.00	0.00
11.00	10.15	2.00	0.00	1.00	0.00	11.01	11.25	2.00	0.00	1.00	0.00
11.02	11.95	2.00	0.00	1.00	0.00	11.03	12.05	2.00	0.00	1.00	0.00
11.04	12.34	2.00	0.00	1.00	0.00	11.05	14.64	2.00	0.00	1.00	0.00
11.06	15.74	2.00	0.00	1.00	0.00	11.07	18.03	2.00	0.00	1.00	0.00
11.08	18.93	2.00	0.00	1.00	0.00	11.09	19.02	2.00	0.00	1.00	0.00
11.10	17.01	2.00	0.00	1.00	0.00	11.11	16.00	2.00	0.00	1.00	0.00
11.12	13.90	2.00	0.00	1.00	0.00	11.13	12.90	2.00	0.00	1.00	0.00
11.14	11.89	2.00	0.00	1.00	0.00	11.15	12.39	2.00	0.00	1.00	0.00
11.16	14.18	2.00	0.00	1.00	0.00	11.17	16.47	2.00	0.00	1.00	0.00
11.18	78.50	0.45	4.08	1.00	0.04	11.19	80.62	0.46	3.98	1.00	0.04
11.20	86.88	0.49	3.70	1.00	0.04	11.21	87.83	0.49	3.66	1.00	0.04
11.22	88.63	0.50	3.63	1.00	0.04	11.23	89.46	0.50	3.59	1.00	0.04
11.24	89.42	0.50	3.60	1.00	0.04	11.25	88.31	0.49	3.64	1.00	0.04
11.26	87.85	0.49	3.66	1.00	0.04	11.27	86.61	0.49	3.71	1.00	0.04
11.28	85.50	0.48	3.76	1.00	0.04	11.29	84.78	0.48	3.79	1.00	0.04
11.30	84.92	0.48	3.78	1.00	0.04	11.31	84.89	0.48	3.78	1.00	0.04
11.32	84.15	0.47	3.82	1.00	0.04	11.33	83.73	0.47	3.84	1.00	0.04
11.34	82.85	0.47	3.88	1.00	0.04	11.35	81.12	0.46	3.96	1.00	0.04
11.36	80.77	0.46	3.97	1.00	0.04	11.37	81.00	0.46	3.96	1.00	0.04
11.38	81.11	0.46	3.96	1.00	0.04	11.39	82.49	0.47	3.89	1.00	0.04
11.40	82.61	0.47	3.89	1.00	0.04	11.41	83.22	0.47	3.86	1.00	0.04
11.42	83.34	0.47	3.85	1.00	0.04	11.43	82.53	0.47	3.89	1.00	0.04
11.44	82.91	0.47	3.87	1.00	0.04	11.45	23.87	2.00	0.00	1.00	0.00
11.46	23.37	2.00	0.00	1.00	0.00	11.47	23.06	2.00	0.00	1.00	0.00
11.48	21.97	2.00	0.00	1.00	0.00	11.49	21.37	2.00	0.00	1.00	0.00
11.50	20.57	2.00	0.00	1.00	0.00	11.51	20.27	2.00	0.00	1.00	0.00
11.52	20.26	2.00	0.00	1.00	0.00	11.53	21.04	2.00	0.00	1.00	0.00
11.54	22.21	2.00	0.00	1.00	0.00	11.55	24.26	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	24.84	2.00	0.00	1.00	0.00	11.57	25.32	2.00	0.00	1.00	0.00
11.58	25.90	2.00	0.00	1.00	0.00	11.59	26.28	2.00	0.00	1.00	0.00
11.60	26.76	2.00	0.00	1.00	0.00	11.61	27.14	2.00	0.00	1.00	0.00
11.62	86.35	0.49	3.72	1.00	0.04	11.63	86.50	0.49	3.72	1.00	0.04
11.64	86.43	0.49	3.72	1.00	0.04	11.65	86.48	0.49	3.72	1.00	0.04
11.66	86.45	0.49	3.72	1.00	0.04	11.67	86.28	0.49	3.73	1.00	0.04
11.68	86.54	0.49	3.71	1.00	0.04	11.69	86.25	0.49	3.73	1.00	0.04
11.70	85.36	0.48	3.76	1.00	0.04	11.71	84.85	0.48	3.79	1.00	0.04
11.72	84.39	0.48	3.81	1.00	0.04	11.73	83.31	0.47	3.85	1.00	0.04
11.74	82.67	0.47	3.88	1.00	0.04	11.75	80.87	0.46	3.97	1.00	0.04
11.76	22.58	2.00	0.00	1.00	0.00	11.77	21.79	2.00	0.00	1.00	0.00
11.78	20.42	2.00	0.00	1.00	0.00	11.79	19.83	2.00	0.00	1.00	0.00
11.80	18.26	2.00	0.00	1.00	0.00	11.81	17.48	2.00	0.00	1.00	0.00
11.82	16.50	2.00	0.00	1.00	0.00	11.83	14.36	2.00	0.00	1.00	0.00
11.84	13.19	2.00	0.00	1.00	0.00	11.85	10.85	2.00	0.00	1.00	0.00
11.86	10.17	2.00	0.00	1.00	0.00	11.87	9.39	2.00	0.00	1.00	0.00
11.88	7.93	2.00	0.00	1.00	0.00	11.89	7.93	2.00	0.00	1.00	0.00
11.90	8.22	2.00	0.00	1.00	0.00	11.91	8.21	2.00	0.00	1.00	0.00
11.92	8.21	2.00	0.00	1.00	0.00	11.93	11.01	2.00	0.00	1.00	0.00
11.94	13.91	2.00	0.00	1.00	0.00	11.95	15.74	2.00	0.00	1.00	0.00
11.96	19.99	2.00	0.00	1.00	0.00	11.97	78.22	0.45	4.10	1.00	0.04
11.98	80.48	0.46	3.99	1.00	0.04	11.99	84.07	0.48	3.82	1.00	0.04
12.00	85.13	0.48	3.77	1.00	0.04	12.01	87.78	0.50	3.66	1.00	0.04
12.02	87.53	0.50	3.67	1.00	0.04	12.03	87.38	0.50	3.68	1.00	0.04
12.04	87.14	0.49	3.69	1.00	0.04	12.05	86.40	0.49	3.72	1.00	0.04
12.06	86.09	0.49	3.73	1.00	0.04	12.07	85.35	0.49	3.76	1.00	0.04
12.08	83.62	0.48	3.84	1.00	0.04	12.09	82.91	0.47	3.87	1.00	0.04
12.10	80.69	0.46	3.98	1.00	0.04	12.11	79.67	0.46	4.02	1.00	0.04
12.12	78.72	0.46	4.07	1.00	0.04	12.13	76.87	0.45	4.17	1.00	0.04
12.14	76.35	0.45	4.19	1.00	0.04	12.15	75.20	0.44	4.25	1.00	0.04
12.16	75.16	0.44	4.25	1.00	0.04	12.17	75.30	0.44	4.25	1.00	0.04
12.18	18.19	2.00	0.00	1.00	0.00	12.19	17.80	2.00	0.00	1.00	0.00
12.20	15.78	2.00	0.00	1.00	0.00	12.21	16.06	2.00	0.00	1.00	0.00
12.22	16.25	2.00	0.00	1.00	0.00	12.23	17.39	2.00	0.00	1.00	0.00
12.24	17.86	2.00	0.00	1.00	0.00	12.25	17.95	2.00	0.00	1.00	0.00
12.26	17.18	2.00	0.00	1.00	0.00	12.27	15.93	2.00	0.00	1.00	0.00
12.28	15.44	2.00	0.00	1.00	0.00	12.29	16.01	2.00	0.00	1.00	0.00
12.30	16.86	2.00	0.00	1.00	0.00	12.31	17.33	2.00	0.00	1.00	0.00
12.32	17.61	2.00	0.00	1.00	0.00	12.33	18.56	2.00	0.00	1.00	0.00
12.34	20.27	2.00	0.00	1.00	0.00	12.35	20.17	2.00	0.00	1.00	0.00
12.36	19.78	2.00	0.00	1.00	0.00	12.37	19.39	2.00	0.00	1.00	0.00
12.38	18.81	2.00	0.00	1.00	0.00	12.39	17.18	2.00	0.00	1.00	0.00
12.40	17.17	2.00	0.00	1.00	0.00	12.41	18.12	2.00	0.00	1.00	0.00
12.42	18.21	2.00	0.00	1.00	0.00	12.43	18.30	2.00	0.00	1.00	0.00
12.44	17.62	2.00	0.00	1.00	0.00	12.45	17.71	2.00	0.00	1.00	0.00
12.46	18.27	2.00	0.00	1.00	0.00	12.47	18.17	2.00	0.00	1.00	0.00
12.48	17.69	2.00	0.00	1.00	0.00	12.49	16.07	2.00	0.00	1.00	0.00
12.50	14.92	2.00	0.00	1.00	0.00	12.51	13.78	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	11.78	2.00	0.00	1.00	0.00	12.53	11.12	2.00	0.00	1.00	0.00
12.54	10.26	2.00	0.00	1.00	0.00	12.55	9.79	2.00	0.00	1.00	0.00
12.56	9.41	2.00	0.00	1.00	0.00	12.57	9.12	2.00	0.00	1.00	0.00
12.58	9.02	2.00	0.00	1.00	0.00	12.59	9.02	2.00	0.00	1.00	0.00
12.60	9.01	2.00	0.00	1.00	0.00	12.61	9.11	2.00	0.00	1.00	0.00
12.62	9.38	2.00	0.00	1.00	0.00	12.63	9.66	2.00	0.00	1.00	0.00
12.64	10.04	2.00	0.00	1.00	0.00	12.65	10.13	2.00	0.00	1.00	0.00
12.66	9.75	2.00	0.00	1.00	0.00	12.67	8.99	2.00	0.00	1.00	0.00
12.68	8.80	2.00	0.00	1.00	0.00	12.69	8.51	2.00	0.00	1.00	0.00
12.70	8.61	2.00	0.00	1.00	0.00	12.71	9.82	2.00	0.00	1.00	0.00
12.72	11.51	2.00	0.00	1.00	0.00	12.73	15.07	2.00	0.00	1.00	0.00
12.74	16.10	2.00	0.00	1.00	0.00	12.75	17.78	2.00	0.00	1.00	0.00
12.76	17.21	2.00	0.00	1.00	0.00	12.77	16.83	2.00	0.00	1.00	0.00
12.78	17.48	2.00	0.00	1.00	0.00	12.79	18.13	2.00	0.00	1.00	0.00
12.80	20.57	2.00	0.00	1.00	0.00	12.81	79.54	0.46	4.03	1.00	0.04
12.82	83.30	0.48	3.86	1.00	0.04	12.83	84.64	0.49	3.80	1.00	0.04
12.84	87.03	0.50	3.69	1.00	0.04	12.85	87.24	0.50	3.68	1.00	0.04
12.86	86.85	0.50	3.70	1.00	0.04	12.87	85.60	0.49	3.75	1.00	0.04
12.88	84.65	0.49	3.80	1.00	0.04	12.89	81.81	0.48	3.92	1.00	0.04
12.90	80.85	0.47	3.97	1.00	0.04	12.91	81.00	0.47	3.96	1.00	0.04
12.92	81.17	0.47	3.95	1.00	0.04	12.93	78.83	0.46	4.07	1.00	0.04
12.94	20.65	2.00	0.00	1.00	0.00	12.95	19.61	2.00	0.00	1.00	0.00
12.96	18.77	2.00	0.00	1.00	0.00	12.97	18.11	2.00	0.00	1.00	0.00
12.98	17.73	2.00	0.00	1.00	0.00	12.99	17.63	2.00	0.00	1.00	0.00
13.00	16.78	2.00	0.00	1.00	0.00	13.01	15.01	2.00	0.00	1.00	0.00
13.02	14.72	2.00	0.00	1.00	0.00	13.03	14.16	2.00	0.00	1.00	0.00
13.04	13.04	2.00	0.00	1.00	0.00	13.05	12.57	2.00	0.00	1.00	0.00
13.06	12.10	2.00	0.00	1.00	0.00	13.07	12.09	2.00	0.00	1.00	0.00
13.08	12.27	2.00	0.00	1.00	0.00	13.09	15.14	2.00	0.00	1.00	0.00
13.10	18.10	2.00	0.00	1.00	0.00	13.11	83.05	0.48	3.87	1.00	0.04
13.12	84.76	0.49	3.79	1.00	0.04	13.13	91.55	0.53	3.51	1.00	0.04
13.14	92.88	0.53	3.46	1.00	0.03	13.15	94.45	0.54	3.40	1.00	0.03
13.16	93.42	0.54	3.44	1.00	0.03	13.17	93.09	0.54	3.45	1.00	0.03
13.18	89.82	0.52	3.58	1.00	0.04	13.19	89.07	0.51	3.61	1.00	0.04
13.20	86.66	0.50	3.71	1.00	0.04	13.21	86.02	0.50	3.74	1.00	0.04
13.22	84.47	0.49	3.80	1.00	0.04	13.23	84.11	0.49	3.82	1.00	0.04
13.24	83.91	0.49	3.83	1.00	0.04	13.25	83.63	0.49	3.84	1.00	0.04
13.26	83.29	0.49	3.86	1.00	0.04	13.27	82.61	0.48	3.89	1.00	0.04
13.28	82.15	0.48	3.91	1.00	0.04	13.29	81.83	0.48	3.92	1.00	0.04
13.30	81.93	0.48	3.92	1.00	0.04	13.31	82.11	0.48	3.91	1.00	0.04
13.32	81.44	0.48	3.94	1.00	0.04	13.33	81.11	0.48	3.96	1.00	0.04
13.34	78.07	0.46	4.10	1.00	0.04	13.35	77.12	0.46	4.15	1.00	0.04
13.36	76.20	0.45	4.20	1.00	0.04	13.37	75.27	0.45	4.25	1.00	0.04
13.38	75.25	0.45	4.25	1.00	0.04	13.39	74.66	0.45	4.28	1.00	0.04
13.40	17.99	2.00	0.00	1.00	0.00	13.41	17.35	2.00	0.00	1.00	0.00
13.42	16.61	2.00	0.00	1.00	0.00	13.43	17.06	2.00	0.00	1.00	0.00
13.44	19.26	2.00	0.00	1.00	0.00	13.45	78.74	0.47	4.07	1.00	0.04
13.46	84.24	0.49	3.81	1.00	0.04	13.47	85.82	0.50	3.74	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	85.21	0.50	3.77	1.00	0.04	13.49	84.47	0.49	3.80	1.00	0.04
13.50	84.25	0.49	3.81	1.00	0.04	13.51	83.51	0.49	3.85	1.00	0.04
13.52	83.32	0.49	3.85	1.00	0.04	13.53	84.43	0.49	3.80	1.00	0.04
13.54	84.20	0.49	3.81	1.00	0.04	13.55	83.64	0.49	3.84	1.00	0.04
13.56	83.28	0.49	3.86	1.00	0.04	13.57	83.03	0.49	3.87	1.00	0.04
13.58	81.40	0.48	3.94	1.00	0.04	13.59	80.66	0.48	3.98	1.00	0.04
13.60	78.33	0.47	4.09	1.00	0.04	13.61	76.86	0.46	4.17	1.00	0.04
13.62	18.13	2.00	0.00	1.00	0.00	13.63	15.21	2.00	0.00	1.00	0.00
13.64	13.38	2.00	0.00	1.00	0.00	13.65	11.38	2.00	0.00	1.00	0.00
13.66	10.92	2.00	0.00	1.00	0.00	13.67	10.55	2.00	0.00	1.00	0.00
13.68	10.10	2.00	0.00	1.00	0.00	13.69	9.64	2.00	0.00	1.00	0.00
13.70	10.36	2.00	0.00	1.00	0.00	13.71	10.72	2.00	0.00	1.00	0.00
13.72	11.71	2.00	0.00	1.00	0.00	13.73	12.16	2.00	0.00	1.00	0.00
13.74	12.88	2.00	0.00	1.00	0.00	13.75	16.24	2.00	0.00	1.00	0.00
13.76	18.50	2.00	0.00	1.00	0.00	13.77	22.60	2.00	0.00	1.00	0.00
13.78	81.46	0.48	3.94	1.00	0.04	13.79	81.15	0.48	3.95	1.00	0.04
13.80	80.33	0.48	3.99	1.00	0.04	13.81	22.20	2.00	0.00	1.00	0.00
13.82	20.00	2.00	0.00	1.00	0.00	13.83	18.91	2.00	0.00	1.00	0.00
13.84	17.36	2.00	0.00	1.00	0.00	13.85	16.36	2.00	0.00	1.00	0.00
13.86	14.99	2.00	0.00	1.00	0.00	13.87	15.17	2.00	0.00	1.00	0.00
13.88	17.34	2.00	0.00	1.00	0.00	13.89	18.60	2.00	0.00	1.00	0.00
13.90	20.32	2.00	0.00	1.00	0.00	13.91	20.31	2.00	0.00	1.00	0.00
13.92	20.29	2.00	0.00	1.00	0.00	13.93	85.47	0.50	3.76	1.00	0.04
13.94	86.87	0.51	3.70	1.00	0.04	13.95	89.62	0.52	3.59	1.00	0.04
13.96	89.68	0.52	3.59	1.00	0.04	13.97	89.49	0.52	3.59	1.00	0.04
13.98	89.27	0.52	3.60	1.00	0.04	13.99	89.70	0.52	3.58	1.00	0.04
14.00	89.71	0.52	3.58	1.00	0.04	14.01	90.39	0.53	3.56	1.00	0.04
14.02	89.86	0.53	3.58	1.00	0.04	14.03	88.92	0.52	3.62	1.00	0.04
14.04	86.61	0.51	3.71	1.00	0.04	14.05	86.15	0.51	3.73	1.00	0.04
14.06	84.68	0.50	3.79	1.00	0.04	14.07	84.30	0.50	3.81	1.00	0.04
14.08	82.40	0.49	3.90	1.00	0.04	14.09	82.11	0.49	3.91	1.00	0.04
14.10	80.62	0.48	3.98	1.00	0.04	14.11	21.78	2.00	0.00	1.00	0.00
14.12	20.07	2.00	0.00	1.00	0.00	14.13	18.89	2.00	0.00	1.00	0.00
14.14	16.64	2.00	0.00	1.00	0.00	14.15	15.83	2.00	0.00	1.00	0.00
14.16	14.57	2.00	0.00	1.00	0.00	14.17	13.66	2.00	0.00	1.00	0.00
14.18	12.32	2.00	0.00	1.00	0.00	14.19	12.13	2.00	0.00	1.00	0.00
14.20	12.04	2.00	0.00	1.00	0.00	14.21	12.03	2.00	0.00	1.00	0.00
14.22	12.66	2.00	0.00	1.00	0.00	14.23	13.10	2.00	0.00	1.00	0.00
14.24	14.16	2.00	0.00	1.00	0.00	14.25	14.52	2.00	0.00	1.00	0.00
14.26	14.78	2.00	0.00	1.00	0.00	14.27	15.13	2.00	0.00	1.00	0.00
14.28	15.21	2.00	0.00	1.00	0.00	14.29	15.39	2.00	0.00	1.00	0.00
14.30	16.10	2.00	0.00	1.00	0.00	14.31	16.27	2.00	0.00	1.00	0.00
14.32	16.80	2.00	0.00	1.00	0.00	14.33	16.88	2.00	0.00	1.00	0.00
14.34	16.61	2.00	0.00	1.00	0.00	14.35	16.33	2.00	0.00	1.00	0.00
14.36	15.88	2.00	0.00	1.00	0.00	14.37	15.52	2.00	0.00	1.00	0.00
14.38	14.09	2.00	0.00	1.00	0.00	14.39	13.37	2.00	0.00	1.00	0.00
14.40	11.50	2.00	0.00	1.00	0.00	14.41	10.53	2.00	0.00	1.00	0.00
14.42	9.37	2.00	0.00	1.00	0.00	14.43	9.11	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	8.84	2.00	0.00	1.00	0.00	14.45	8.92	2.00	0.00	1.00	0.00
14.46	9.45	2.00	0.00	1.00	0.00	14.47	9.44	2.00	0.00	1.00	0.00
14.48	9.53	2.00	0.00	1.00	0.00	14.49	9.53	2.00	0.00	1.00	0.00
14.50	8.99	2.00	0.00	1.00	0.00	14.51	8.64	2.00	0.00	1.00	0.00
14.52	8.55	2.00	0.00	1.00	0.00	14.53	8.46	2.00	0.00	1.00	0.00
14.54	8.28	2.00	0.00	1.00	0.00	14.55	8.45	2.00	0.00	1.00	0.00
14.56	8.54	2.00	0.00	1.00	0.00	14.57	8.71	2.00	0.00	1.00	0.00
14.58	8.88	2.00	0.00	1.00	0.00	14.59	8.88	2.00	0.00	1.00	0.00
14.60	8.79	2.00	0.00	1.00	0.00	14.61	8.87	2.00	0.00	1.00	0.00
14.62	8.87	2.00	0.00	1.00	0.00	14.63	9.04	2.00	0.00	1.00	0.00
14.64	9.04	2.00	0.00	1.00	0.00	14.65	9.03	2.00	0.00	1.00	0.00
14.66	9.12	2.00	0.00	1.00	0.00	14.67	9.20	2.00	0.00	1.00	0.00
14.68	9.20	2.00	0.00	1.00	0.00	14.69	9.28	2.00	0.00	1.00	0.00
14.70	9.37	2.00	0.00	1.00	0.00	14.71	9.36	2.00	0.00	1.00	0.00
14.72	9.45	2.00	0.00	1.00	0.00	14.73	9.71	2.00	0.00	1.00	0.00
14.74	9.79	2.00	0.00	1.00	0.00	14.75	9.96	2.00	0.00	1.00	0.00
14.76	9.96	2.00	0.00	1.00	0.00	14.77	10.13	2.00	0.00	1.00	0.00
14.78	10.39	2.00	0.00	1.00	0.00	14.79	10.38	2.00	0.00	1.00	0.00
14.80	10.38	2.00	0.00	1.00	0.00	14.81	10.37	2.00	0.00	1.00	0.00
14.82	10.46	2.00	0.00	1.00	0.00	14.83	10.54	2.00	0.00	1.00	0.00
14.84	10.63	2.00	0.00	1.00	0.00	14.85	10.88	2.00	0.00	1.00	0.00
14.86	10.97	2.00	0.00	1.00	0.00	14.87	10.96	2.00	0.00	1.00	0.00
14.88	10.87	2.00	0.00	1.00	0.00	14.89	10.78	2.00	0.00	1.00	0.00
14.90	10.78	2.00	0.00	1.00	0.00	14.91	10.77	2.00	0.00	1.00	0.00
14.92	10.77	2.00	0.00	1.00	0.00	14.93	11.02	2.00	0.00	1.00	0.00
14.94	10.93	2.00	0.00	1.00	0.00	14.95	10.84	2.00	0.00	1.00	0.00
14.96	10.84	2.00	0.00	1.00	0.00	14.97	10.75	2.00	0.00	1.00	0.00
14.98	10.74	2.00	0.00	1.00	0.00	14.99	10.74	2.00	0.00	1.00	0.00
15.00	10.82	2.00	0.00	1.00	0.00	15.01	10.90	2.00	0.00	1.00	0.00
15.02	10.90	2.00	0.00	1.00	0.00	15.03	11.07	2.00	0.00	1.00	0.00
15.04	11.15	2.00	0.00	1.00	0.00	15.05	11.23	2.00	0.00	1.00	0.00
15.06	11.23	2.00	0.00	1.00	0.00	15.07	11.31	2.00	0.00	1.00	0.00
15.08	11.31	2.00	0.00	1.00	0.00	15.09	11.48	2.00	0.00	1.00	0.00
15.10	11.47	2.00	0.00	1.00	0.00	15.11	11.64	2.00	0.00	1.00	0.00
15.12	11.90	2.00	0.00	1.00	0.00	15.13	12.07	2.00	0.00	1.00	0.00
15.14	12.06	2.00	0.00	1.00	0.00	15.15	12.49	2.00	0.00	1.00	0.00
15.16	12.57	2.00	0.00	1.00	0.00	15.17	12.57	2.00	0.00	1.00	0.00
15.18	12.74	2.00	0.00	1.00	0.00	15.19	13.16	2.00	0.00	1.00	0.00
15.20	13.25	2.00	0.00	1.00	0.00	15.21	13.59	2.00	0.00	1.00	0.00
15.22	13.84	2.00	0.00	1.00	0.00	15.23	13.92	2.00	0.00	1.00	0.00
15.24	14.00	2.00	0.00	1.00	0.00	15.25	14.26	2.00	0.00	1.00	0.00
15.26	14.34	2.00	0.00	1.00	0.00	15.27	14.51	2.00	0.00	1.00	0.00
15.28	14.59	2.00	0.00	1.00	0.00	15.29	14.84	2.00	0.00	1.00	0.00
15.30	14.92	2.00	0.00	1.00	0.00	15.31	15.01	2.00	0.00	1.00	0.00
15.32	14.91	2.00	0.00	1.00	0.00	15.33	14.82	2.00	0.00	1.00	0.00
15.34	14.73	2.00	0.00	1.00	0.00	15.35	14.64	2.00	0.00	1.00	0.00
15.36	14.55	2.00	0.00	1.00	0.00	15.37	14.37	2.00	0.00	1.00	0.00
15.38	14.19	2.00	0.00	1.00	0.00	15.39	13.76	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	13.49	2.00	0.00	1.00	0.00	15.41	12.97	2.00	0.00	1.00	0.00
15.42	12.88	2.00	0.00	1.00	0.00	15.43	12.71	2.00	0.00	1.00	0.00
15.44	12.53	2.00	0.00	1.00	0.00	15.45	12.18	2.00	0.00	1.00	0.00
15.46	12.18	2.00	0.00	1.00	0.00	15.47	12.00	2.00	0.00	1.00	0.00
15.48	11.91	2.00	0.00	1.00	0.00	15.49	11.91	2.00	0.00	1.00	0.00
15.50	11.90	2.00	0.00	1.00	0.00	15.51	11.64	2.00	0.00	1.00	0.00
15.52	11.55	2.00	0.00	1.00	0.00	15.53	11.21	2.00	0.00	1.00	0.00
15.54	11.12	2.00	0.00	1.00	0.00	15.55	11.20	2.00	0.00	1.00	0.00
15.56	11.28	2.00	0.00	1.00	0.00	15.57	11.28	2.00	0.00	1.00	0.00
15.58	11.19	2.00	0.00	1.00	0.00	15.59	11.10	2.00	0.00	1.00	0.00
15.60	10.92	2.00	0.00	1.00	0.00	15.61	10.92	2.00	0.00	1.00	0.00
15.62	11.00	2.00	0.00	1.00	0.00	15.63	11.00	2.00	0.00	1.00	0.00
15.64	10.99	2.00	0.00	1.00	0.00	15.65	10.99	2.00	0.00	1.00	0.00
15.66	10.82	2.00	0.00	1.00	0.00	15.67	10.64	2.00	0.00	1.00	0.00
15.68	10.47	2.00	0.00	1.00	0.00	15.69	10.38	2.00	0.00	1.00	0.00
15.70	10.38	2.00	0.00	1.00	0.00	15.71	10.20	2.00	0.00	1.00	0.00
15.72	9.95	2.00	0.00	1.00	0.00	15.73	9.86	2.00	0.00	1.00	0.00
15.74	9.60	2.00	0.00	1.00	0.00	15.75	9.43	2.00	0.00	1.00	0.00
15.76	9.26	2.00	0.00	1.00	0.00	15.77	9.51	2.00	0.00	1.00	0.00
15.78	9.59	2.00	0.00	1.00	0.00	15.79	9.75	2.00	0.00	1.00	0.00
15.80	9.75	2.00	0.00	1.00	0.00	15.81	10.08	2.00	0.00	1.00	0.00
15.82	10.16	2.00	0.00	1.00	0.00	15.83	10.24	2.00	0.00	1.00	0.00
15.84	10.24	2.00	0.00	1.00	0.00	15.85	10.41	2.00	0.00	1.00	0.00
15.86	10.40	2.00	0.00	1.00	0.00	15.87	10.65	2.00	0.00	1.00	0.00
15.88	10.65	2.00	0.00	1.00	0.00	15.89	10.81	2.00	0.00	1.00	0.00
15.90	11.06	2.00	0.00	1.00	0.00	15.91	11.06	2.00	0.00	1.00	0.00
15.92	11.05	2.00	0.00	1.00	0.00	15.93	11.72	2.00	0.00	1.00	0.00
15.94	11.97	2.00	0.00	1.00	0.00	15.95	12.14	2.00	0.00	1.00	0.00
15.96	12.55	2.00	0.00	1.00	0.00	15.97	12.46	2.00	0.00	1.00	0.00
15.98	12.38	2.00	0.00	1.00	0.00	15.99	12.20	2.00	0.00	1.00	0.00
16.00	12.03	2.00	0.00	1.00	0.00	16.01	11.69	2.00	0.00	1.00	0.00
16.02	11.35	2.00	0.00	1.00	0.00	16.03	11.26	2.00	0.00	1.00	0.00
16.04	11.26	2.00	0.00	1.00	0.00	16.05	11.25	2.00	0.00	1.00	0.00
16.06	11.42	2.00	0.00	1.00	0.00	16.07	11.41	2.00	0.00	1.00	0.00
16.08	11.33	2.00	0.00	1.00	0.00	16.09	11.41	2.00	0.00	1.00	0.00
16.10	11.40	2.00	0.00	1.00	0.00	16.11	11.40	2.00	0.00	1.00	0.00
16.12	11.39	2.00	0.00	1.00	0.00	16.13	11.47	2.00	0.00	1.00	0.00
16.14	11.55	2.00	0.00	1.00	0.00	16.15	11.47	2.00	0.00	1.00	0.00
16.16	11.29	2.00	0.00	1.00	0.00	16.17	11.29	2.00	0.00	1.00	0.00
16.18	11.20	2.00	0.00	1.00	0.00	16.19	11.12	2.00	0.00	1.00	0.00
16.20	11.03	2.00	0.00	1.00	0.00	16.21	10.86	2.00	0.00	1.00	0.00
16.22	10.77	2.00	0.00	1.00	0.00	16.23	10.77	2.00	0.00	1.00	0.00
16.24	10.76	2.00	0.00	1.00	0.00	16.25	10.76	2.00	0.00	1.00	0.00
16.26	10.76	2.00	0.00	1.00	0.00	16.27	11.00	2.00	0.00	1.00	0.00
16.28	11.16	2.00	0.00	1.00	0.00	16.29	11.33	2.00	0.00	1.00	0.00
16.30	11.49	2.00	0.00	1.00	0.00	16.31	11.57	2.00	0.00	1.00	0.00
16.32	11.73	2.00	0.00	1.00	0.00	16.33	11.81	2.00	0.00	1.00	0.00
16.34	12.22	2.00	0.00	1.00	0.00	16.35	12.38	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	12.30	2.00	0.00	1.00	0.00	16.37	12.38	2.00	0.00	1.00	0.00
16.38	12.45	2.00	0.00	1.00	0.00	16.39	12.37	2.00	0.00	1.00	0.00
16.40	12.36	2.00	0.00	1.00	0.00	16.41	12.44	2.00	0.00	1.00	0.00
16.42	12.44	2.00	0.00	1.00	0.00	16.43	12.35	2.00	0.00	1.00	0.00
16.44	12.51	2.00	0.00	1.00	0.00	16.45	12.84	2.00	0.00	1.00	0.00
16.46	12.84	2.00	0.00	1.00	0.00	16.47	12.58	2.00	0.00	1.00	0.00
16.48	12.49	2.00	0.00	1.00	0.00	16.49	12.41	2.00	0.00	1.00	0.00
16.50	12.49	2.00	0.00	1.00	0.00	16.51	12.56	2.00	0.00	1.00	0.00
16.52	12.64	2.00	0.00	1.00	0.00	16.53	12.56	2.00	0.00	1.00	0.00
16.54	12.30	2.00	0.00	1.00	0.00	16.55	12.30	2.00	0.00	1.00	0.00
16.56	12.38	2.00	0.00	1.00	0.00	16.57	12.37	2.00	0.00	1.00	0.00
16.58	12.29	2.00	0.00	1.00	0.00	16.59	12.53	2.00	0.00	1.00	0.00
16.60	13.02	2.00	0.00	1.00	0.00	16.61	13.60	2.00	0.00	1.00	0.00
16.62	13.67	2.00	0.00	1.00	0.00	16.63	13.59	2.00	0.00	1.00	0.00
16.64	13.50	2.00	0.00	1.00	0.00	16.65	13.50	2.00	0.00	1.00	0.00
16.66	13.66	2.00	0.00	1.00	0.00	16.67	14.06	2.00	0.00	1.00	0.00
16.68	14.31	2.00	0.00	1.00	0.00	16.69	14.80	2.00	0.00	1.00	0.00
16.70	14.96	2.00	0.00	1.00	0.00	16.71	14.96	2.00	0.00	1.00	0.00
16.72	14.87	2.00	0.00	1.00	0.00	16.73	14.78	2.00	0.00	1.00	0.00
16.74	14.86	2.00	0.00	1.00	0.00	16.75	14.69	2.00	0.00	1.00	0.00
16.76	14.52	2.00	0.00	1.00	0.00	16.77	14.59	2.00	0.00	1.00	0.00
16.78	14.92	2.00	0.00	1.00	0.00	16.79	14.91	2.00	0.00	1.00	0.00
16.80	15.07	2.00	0.00	1.00	0.00	16.81	15.07	2.00	0.00	1.00	0.00
16.82	14.98	2.00	0.00	1.00	0.00	16.83	14.81	2.00	0.00	1.00	0.00
16.84	14.81	2.00	0.00	1.00	0.00	16.85	15.05	2.00	0.00	1.00	0.00
16.86	15.37	2.00	0.00	1.00	0.00	16.87	15.53	2.00	0.00	1.00	0.00
16.88	15.53	2.00	0.00	1.00	0.00	16.89	15.52	2.00	0.00	1.00	0.00
16.90	15.52	2.00	0.00	1.00	0.00	16.91	15.51	2.00	0.00	1.00	0.00
16.92	15.51	2.00	0.00	1.00	0.00	16.93	15.42	2.00	0.00	1.00	0.00
16.94	15.41	2.00	0.00	1.00	0.00	16.95	15.41	2.00	0.00	1.00	0.00
16.96	15.49	2.00	0.00	1.00	0.00	16.97	15.56	2.00	0.00	1.00	0.00
16.98	15.56	2.00	0.00	1.00	0.00	16.99	15.47	2.00	0.00	1.00	0.00
17.00	15.71	2.00	0.00	1.00	0.00	17.01	15.54	2.00	0.00	1.00	0.00
17.02	15.62	2.00	0.00	1.00	0.00	17.03	15.45	2.00	0.00	1.00	0.00
17.04	15.52	2.00	0.00	1.00	0.00	17.05	15.44	2.00	0.00	1.00	0.00
17.06	15.35	2.00	0.00	1.00	0.00	17.07	15.18	2.00	0.00	1.00	0.00
17.08	15.09	2.00	0.00	1.00	0.00	17.09	15.01	2.00	0.00	1.00	0.00
17.10	14.67	2.00	0.00	1.00	0.00	17.11	14.42	2.00	0.00	1.00	0.00
17.12	14.09	2.00	0.00	1.00	0.00	17.13	13.92	2.00	0.00	1.00	0.00
17.14	13.59	2.00	0.00	1.00	0.00	17.15	13.42	2.00	0.00	1.00	0.00
17.16	13.34	2.00	0.00	1.00	0.00	17.17	13.33	2.00	0.00	1.00	0.00
17.18	13.25	2.00	0.00	1.00	0.00	17.19	13.08	2.00	0.00	1.00	0.00
17.20	12.75	2.00	0.00	1.00	0.00	17.21	12.59	2.00	0.00	1.00	0.00
17.22	12.34	2.00	0.00	1.00	0.00	17.23	12.25	2.00	0.00	1.00	0.00
17.24	12.09	2.00	0.00	1.00	0.00	17.25	12.00	2.00	0.00	1.00	0.00
17.26	11.84	2.00	0.00	1.00	0.00	17.27	11.67	2.00	0.00	1.00	0.00
17.28	11.67	2.00	0.00	1.00	0.00	17.29	11.90	2.00	0.00	1.00	0.00
17.30	11.98	2.00	0.00	1.00	0.00	17.31	12.06	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
17.32	12.14	2.00	0.00	1.00	0.00	17.33	12.21	2.00	0.00	1.00	0.00
17.34	12.21	2.00	0.00	1.00	0.00	17.35	12.28	2.00	0.00	1.00	0.00
17.36	12.20	2.00	0.00	1.00	0.00	17.37	12.03	2.00	0.00	1.00	0.00
17.38	12.03	2.00	0.00	1.00	0.00	17.39	11.87	2.00	0.00	1.00	0.00
17.40	11.70	2.00	0.00	1.00	0.00	17.41	11.54	2.00	0.00	1.00	0.00
17.42	11.53	2.00	0.00	1.00	0.00	17.43	11.53	2.00	0.00	1.00	0.00
17.44	11.36	2.00	0.00	1.00	0.00	17.45	11.44	2.00	0.00	1.00	0.00
17.46	11.44	2.00	0.00	1.00	0.00	17.47	11.27	2.00	0.00	1.00	0.00
17.48	11.11	2.00	0.00	1.00	0.00	17.49	11.11	2.00	0.00	1.00	0.00
17.50	11.10	2.00	0.00	1.00	0.00	17.51	11.10	2.00	0.00	1.00	0.00
17.52	11.09	2.00	0.00	1.00	0.00	17.53	10.93	2.00	0.00	1.00	0.00
17.54	10.69	2.00	0.00	1.00	0.00	17.55	10.60	2.00	0.00	1.00	0.00
17.56	10.44	2.00	0.00	1.00	0.00	17.57	10.36	2.00	0.00	1.00	0.00
17.58	10.35	2.00	0.00	1.00	0.00	17.59	10.43	2.00	0.00	1.00	0.00
17.60	10.43	2.00	0.00	1.00	0.00	17.61	10.34	2.00	0.00	1.00	0.00
17.62	10.26	2.00	0.00	1.00	0.00	17.63	10.10	2.00	0.00	1.00	0.00
17.64	9.70	2.00	0.00	1.00	0.00	17.65	9.62	2.00	0.00	1.00	0.00
17.66	9.61	2.00	0.00	1.00	0.00	17.67	9.53	2.00	0.00	1.00	0.00
17.68	9.45	2.00	0.00	1.00	0.00	17.69	9.21	2.00	0.00	1.00	0.00
17.70	8.97	2.00	0.00	1.00	0.00	17.71	8.73	2.00	0.00	1.00	0.00
17.72	8.57	2.00	0.00	1.00	0.00	17.73	8.56	2.00	0.00	1.00	0.00
17.74	8.56	2.00	0.00	1.00	0.00	17.75	8.56	2.00	0.00	1.00	0.00
17.76	8.40	2.00	0.00	1.00	0.00	17.77	8.24	2.00	0.00	1.00	0.00
17.78	8.08	2.00	0.00	1.00	0.00	17.79	7.92	2.00	0.00	1.00	0.00
17.80	7.76	2.00	0.00	1.00	0.00	17.81	7.68	2.00	0.00	1.00	0.00
17.82	7.67	2.00	0.00	1.00	0.00	17.83	7.59	2.00	0.00	1.00	0.00
17.84	7.43	2.00	0.00	1.00	0.00	17.85	7.35	2.00	0.00	1.00	0.00
17.86	7.19	2.00	0.00	1.00	0.00	17.87	7.27	2.00	0.00	1.00	0.00
17.88	7.35	2.00	0.00	1.00	0.00	17.89	7.74	2.00	0.00	1.00	0.00
17.90	7.97	2.00	0.00	1.00	0.00	17.91	7.97	2.00	0.00	1.00	0.00
17.92	7.96	2.00	0.00	1.00	0.00	17.93	9.06	2.00	0.00	1.00	0.00
17.94	9.22	2.00	0.00	1.00	0.00	17.95	9.45	2.00	0.00	1.00	0.00
17.96	9.37	2.00	0.00	1.00	0.00	17.97	9.37	2.00	0.00	1.00	0.00
17.98	9.60	2.00	0.00	1.00	0.00	17.99	9.83	2.00	0.00	1.00	0.00
18.00	10.30	2.00	0.00	1.00	0.00	18.01	10.69	2.00	0.00	1.00	0.00
18.02	10.61	2.00	0.00	1.00	0.00	18.03	10.76	2.00	0.00	1.00	0.00
18.04	11.08	2.00	0.00	1.00	0.00	18.05	10.84	2.00	0.00	1.00	0.00
18.06	10.68	2.00	0.00	1.00	0.00	18.07	10.67	2.00	0.00	1.00	0.00
18.08	10.67	2.00	0.00	1.00	0.00	18.09	10.27	2.00	0.00	1.00	0.00
18.10	9.96	2.00	0.00	1.00	0.00	18.11	9.56	2.00	0.00	1.00	0.00
18.12	9.72	2.00	0.00	1.00	0.00	18.13	9.71	2.00	0.00	1.00	0.00
18.14	9.32	2.00	0.00	1.00	0.00	18.15	9.24	2.00	0.00	1.00	0.00
18.16	9.47	2.00	0.00	1.00	0.00	18.17	9.62	2.00	0.00	1.00	0.00
18.18	9.78	2.00	0.00	1.00	0.00	18.19	9.77	2.00	0.00	1.00	0.00
18.20	9.62	2.00	0.00	1.00	0.00	18.21	9.38	2.00	0.00	1.00	0.00
18.22	9.06	2.00	0.00	1.00	0.00	18.23	8.83	2.00	0.00	1.00	0.00
18.24	8.82	2.00	0.00	1.00	0.00	18.25	8.82	2.00	0.00	1.00	0.00
18.26	8.98	2.00	0.00	1.00	0.00	18.27	9.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.28	9.05	2.00	0.00	1.00	0.00	18.29	9.12	2.00	0.00	1.00	0.00
18.30	9.20	2.00	0.00	1.00	0.00	18.31	9.27	2.00	0.00	1.00	0.00
18.32	9.27	2.00	0.00	1.00	0.00	18.33	9.42	2.00	0.00	1.00	0.00
18.34	9.66	2.00	0.00	1.00	0.00	18.35	9.73	2.00	0.00	1.00	0.00
18.36	9.81	2.00	0.00	1.00	0.00	18.37	9.72	2.00	0.00	1.00	0.00
18.38	9.64	2.00	0.00	1.00	0.00	18.39	9.64	2.00	0.00	1.00	0.00
18.40	9.72	2.00	0.00	1.00	0.00	18.41	9.79	2.00	0.00	1.00	0.00
18.42	9.87	2.00	0.00	1.00	0.00	18.43	9.86	2.00	0.00	1.00	0.00
18.44	9.78	2.00	0.00	1.00	0.00	18.45	9.78	2.00	0.00	1.00	0.00
18.46	9.85	2.00	0.00	1.00	0.00	18.47	9.85	2.00	0.00	1.00	0.00
18.48	9.93	2.00	0.00	1.00	0.00	18.49	10.00	2.00	0.00	1.00	0.00
18.50	10.00	2.00	0.00	1.00	0.00	18.51	10.00	2.00	0.00	1.00	0.00
18.52	9.99	2.00	0.00	1.00	0.00	18.53	10.07	2.00	0.00	1.00	0.00
18.54	10.06	2.00	0.00	1.00	0.00	18.55	10.06	2.00	0.00	1.00	0.00
18.56	10.06	2.00	0.00	1.00	0.00	18.57	10.05	2.00	0.00	1.00	0.00
18.58	10.13	2.00	0.00	1.00	0.00	18.59	10.28	2.00	0.00	1.00	0.00
18.60	10.36	2.00	0.00	1.00	0.00	18.61	10.43	2.00	0.00	1.00	0.00
18.62	10.66	2.00	0.00	1.00	0.00	18.63	10.73	2.00	0.00	1.00	0.00
18.64	10.89	2.00	0.00	1.00	0.00	18.65	10.96	2.00	0.00	1.00	0.00
18.66	11.11	2.00	0.00	1.00	0.00	18.67	11.42	2.00	0.00	1.00	0.00
18.68	11.57	2.00	0.00	1.00	0.00	18.69	11.80	2.00	0.00	1.00	0.00
18.70	12.03	2.00	0.00	1.00	0.00	18.71	12.10	2.00	0.00	1.00	0.00
18.72	12.10	2.00	0.00	1.00	0.00	18.73	12.10	2.00	0.00	1.00	0.00
18.74	12.02	2.00	0.00	1.00	0.00	18.75	11.86	2.00	0.00	1.00	0.00
18.76	11.70	2.00	0.00	1.00	0.00	18.77	11.69	2.00	0.00	1.00	0.00
18.78	11.61	2.00	0.00	1.00	0.00	18.79	11.46	2.00	0.00	1.00	0.00
18.80	11.30	2.00	0.00	1.00	0.00	18.81	11.29	2.00	0.00	1.00	0.00
18.82	11.21	2.00	0.00	1.00	0.00	18.83	11.29	2.00	0.00	1.00	0.00
18.84	11.28	2.00	0.00	1.00	0.00	18.85	11.28	2.00	0.00	1.00	0.00
18.86	11.43	2.00	0.00	1.00	0.00	18.87	11.43	2.00	0.00	1.00	0.00
18.88	11.58	2.00	0.00	1.00	0.00	18.89	12.04	2.00	0.00	1.00	0.00
18.90	12.19	2.00	0.00	1.00	0.00	18.91	12.19	2.00	0.00	1.00	0.00
18.92	12.18	2.00	0.00	1.00	0.00	18.93	12.95	2.00	0.00	1.00	0.00
18.94	12.95	2.00	0.00	1.00	0.00	18.95	13.18	2.00	0.00	1.00	0.00
18.96	13.56	2.00	0.00	1.00	0.00	18.97	13.64	2.00	0.00	1.00	0.00
18.98	13.48	2.00	0.00	1.00	0.00	18.99	13.32	2.00	0.00	1.00	0.00
19.00	12.93	2.00	0.00	1.00	0.00	19.01	12.61	2.00	0.00	1.00	0.00
19.02	12.30	2.00	0.00	1.00	0.00	19.03	11.76	2.00	0.00	1.00	0.00
19.04	11.45	2.00	0.00	1.00	0.00	19.05	10.83	2.00	0.00	1.00	0.00
19.06	10.44	2.00	0.00	1.00	0.00	19.07	10.36	2.00	0.00	1.00	0.00
19.08	10.21	2.00	0.00	1.00	0.00	19.09	10.20	2.00	0.00	1.00	0.00
19.10	10.20	2.00	0.00	1.00	0.00	19.11	10.05	2.00	0.00	1.00	0.00
19.12	9.97	2.00	0.00	1.00	0.00	19.13	10.04	2.00	0.00	1.00	0.00
19.14	10.80	2.00	0.00	1.00	0.00	19.15	11.33	2.00	0.00	1.00	0.00
19.16	13.33	2.00	0.00	1.00	0.00	19.17	15.87	2.00	0.00	1.00	0.00
19.18	17.33	2.00	0.00	1.00	0.00	19.19	20.66	2.00	0.00	1.00	0.00
19.20	24.26	2.00	0.00	1.00	0.00	19.21	83.63	0.55	3.84	1.00	0.04
19.22	86.39	0.57	3.72	1.00	0.04	19.23	87.42	0.58	3.68	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

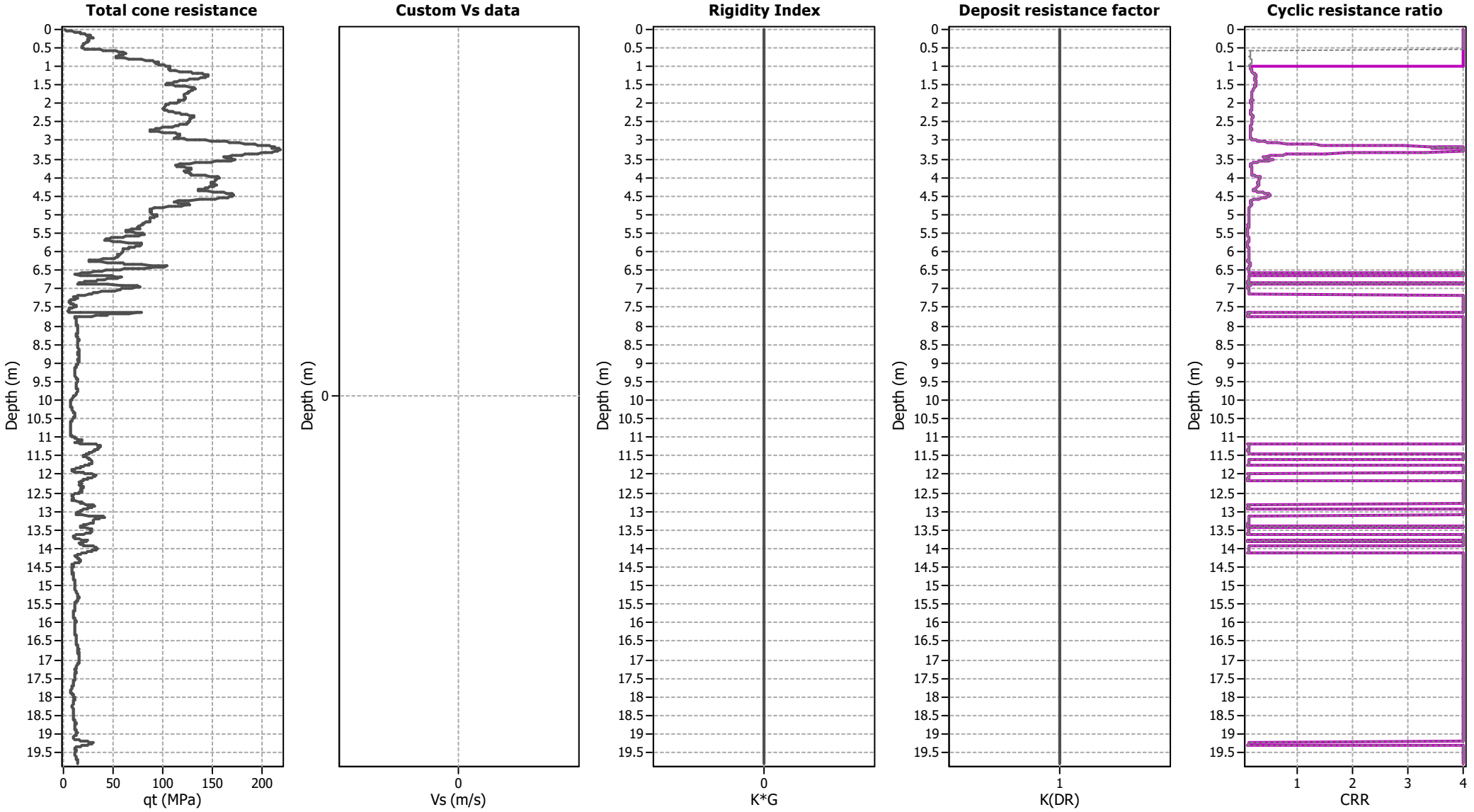
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
19.24	87.10	0.57	3.69	1.00	0.04	19.25	85.47	0.57	3.76	1.00	0.04
19.26	83.78	0.56	3.83	1.00	0.04	19.27	83.22	0.55	3.86	1.00	0.04
19.28	82.17	0.55	3.91	1.00	0.04	19.29	81.11	0.54	3.96	1.00	0.04
19.30	23.09	2.00	0.00	1.00	0.00	19.31	20.37	2.00	0.00	1.00	0.00
19.32	17.89	2.00	0.00	1.00	0.00	19.33	16.81	2.00	0.00	1.00	0.00
19.34	14.80	2.00	0.00	1.00	0.00	19.35	12.87	2.00	0.00	1.00	0.00
19.36	12.26	2.00	0.00	1.00	0.00	19.37	11.57	2.00	0.00	1.00	0.00
19.38	11.49	2.00	0.00	1.00	0.00	19.39	11.48	2.00	0.00	1.00	0.00
19.40	11.86	2.00	0.00	1.00	0.00	19.41	11.94	2.00	0.00	1.00	0.00
19.42	12.62	2.00	0.00	1.00	0.00	19.43	13.15	2.00	0.00	1.00	0.00
19.44	13.15	2.00	0.00	1.00	0.00	19.45	12.99	2.00	0.00	1.00	0.00
19.46	12.45	2.00	0.00	1.00	0.00	19.47	12.07	2.00	0.00	1.00	0.00
19.48	11.76	2.00	0.00	1.00	0.00	19.49	11.45	2.00	0.00	1.00	0.00
19.50	11.30	2.00	0.00	1.00	0.00	19.51	10.99	2.00	0.00	1.00	0.00
19.52	11.29	2.00	0.00	1.00	0.00	19.53	11.37	2.00	0.00	1.00	0.00
19.54	11.29	2.00	0.00	1.00	0.00	19.55	11.21	2.00	0.00	1.00	0.00
19.56	11.28	2.00	0.00	1.00	0.00	19.57	11.58	2.00	0.00	1.00	0.00
19.58	11.73	2.00	0.00	1.00	0.00	19.59	12.03	2.00	0.00	1.00	0.00
19.60	12.18	2.00	0.00	1.00	0.00	19.61	12.25	2.00	0.00	1.00	0.00
19.62	12.32	2.00	0.00	1.00	0.00	19.63	12.40	2.00	0.00	1.00	0.00
19.64	12.39	2.00	0.00	1.00	0.00	19.65	12.62	2.00	0.00	1.00	0.00
19.66	12.92	2.00	0.00	1.00	0.00	19.67	13.37	2.00	0.00	1.00	0.00
19.68	13.52	2.00	0.00	1.00	0.00	19.69	13.59	2.00	0.00	1.00	0.00
19.70	13.59	2.00	0.00	1.00	0.00	19.71	13.51	2.00	0.00	1.00	0.00
19.72	13.58	2.00	0.00	1.00	0.00	19.73	13.58	2.00	0.00	1.00	0.00
19.74	13.57	2.00	0.00	1.00	0.00	19.75	13.64	2.00	0.00	1.00	0.00
19.76	13.87	2.00	0.00	1.00	0.00	19.77	13.79	2.00	0.00	1.00	0.00
19.78	13.63	2.00	0.00	1.00	0.00	19.79	13.63	2.00	0.00	1.00	0.00
19.80	13.70	2.00	0.00	1.00	0.00						

Total estimated settlement: 18.05

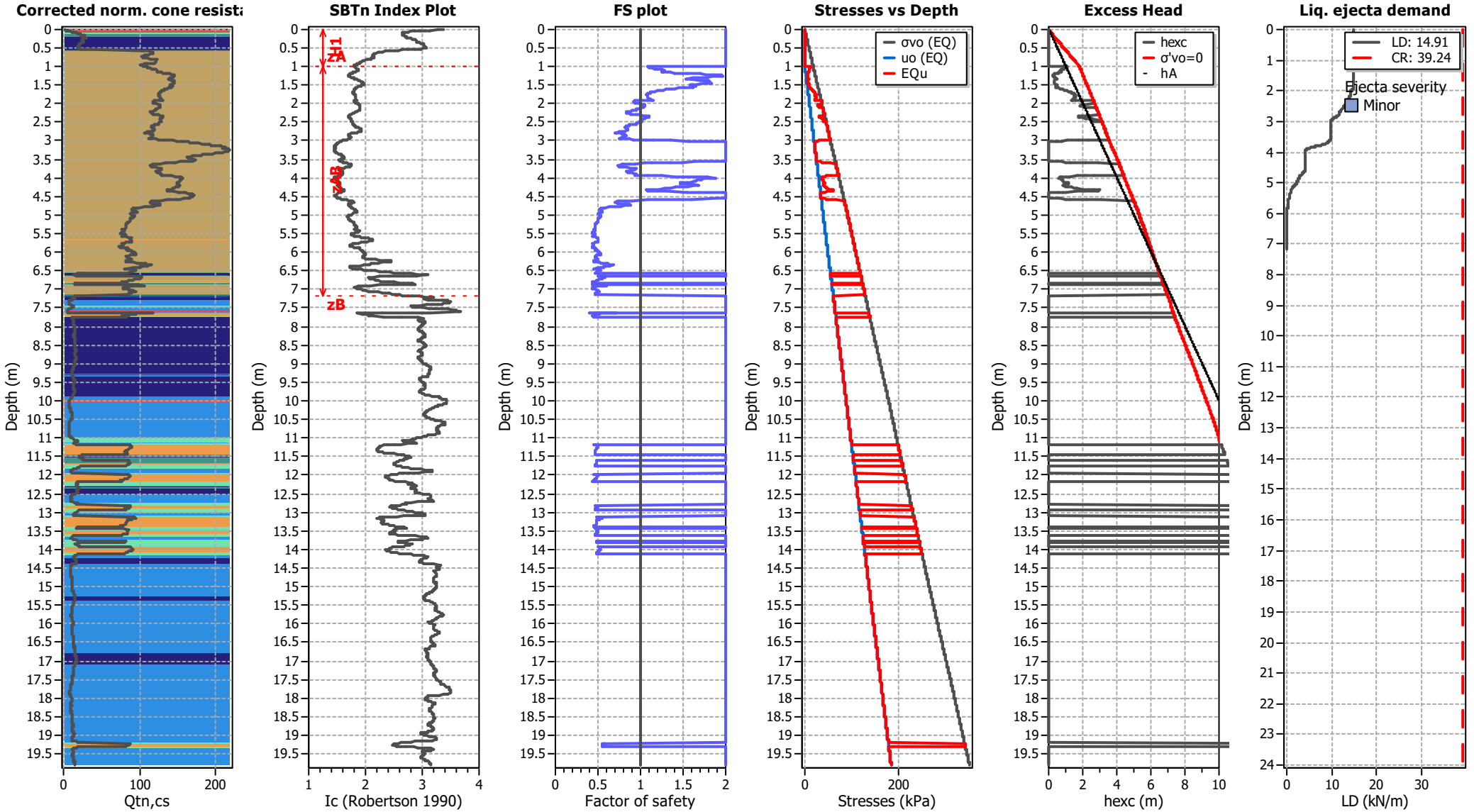
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



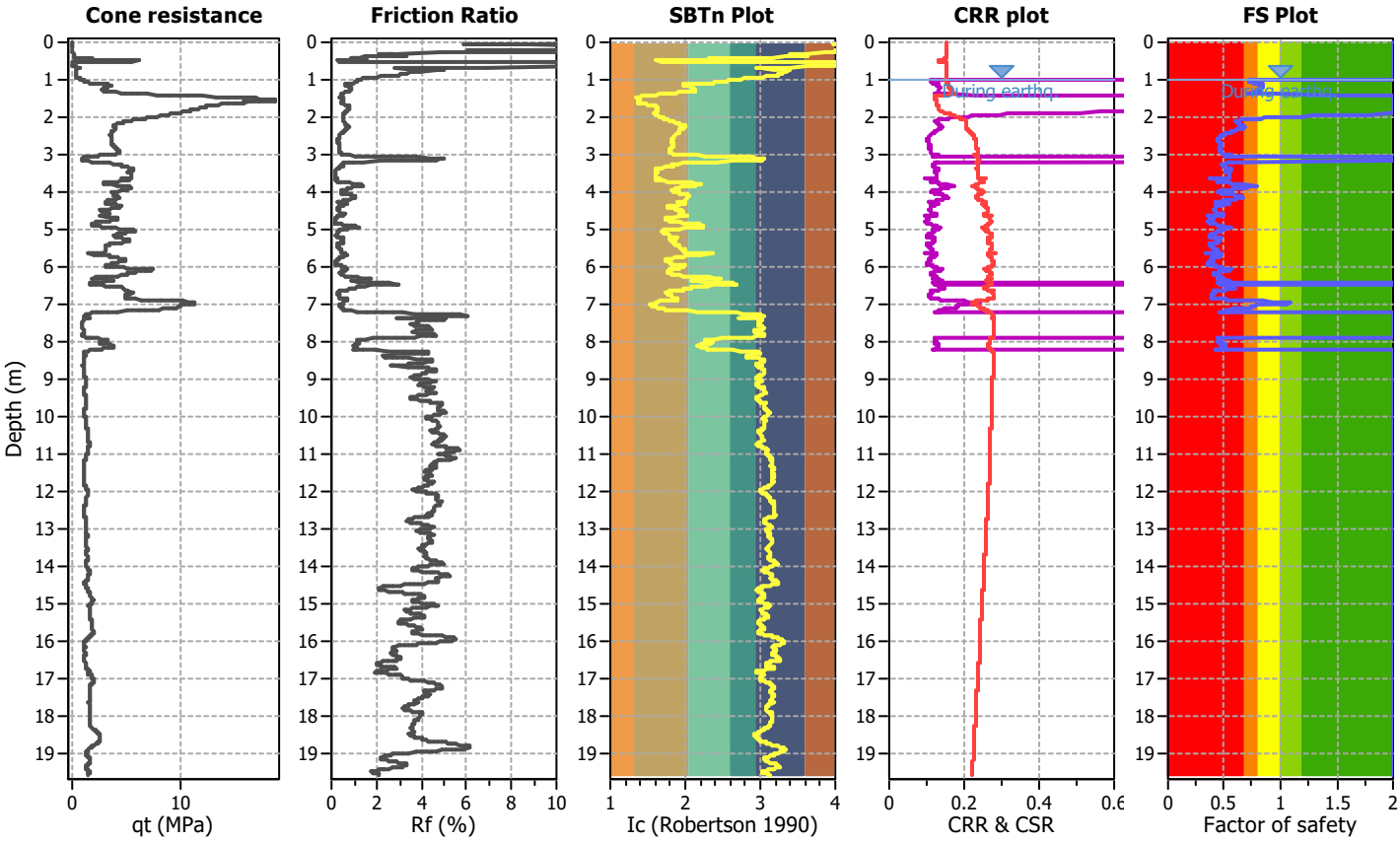
LIQUEFACTION ANALYSIS REPORT

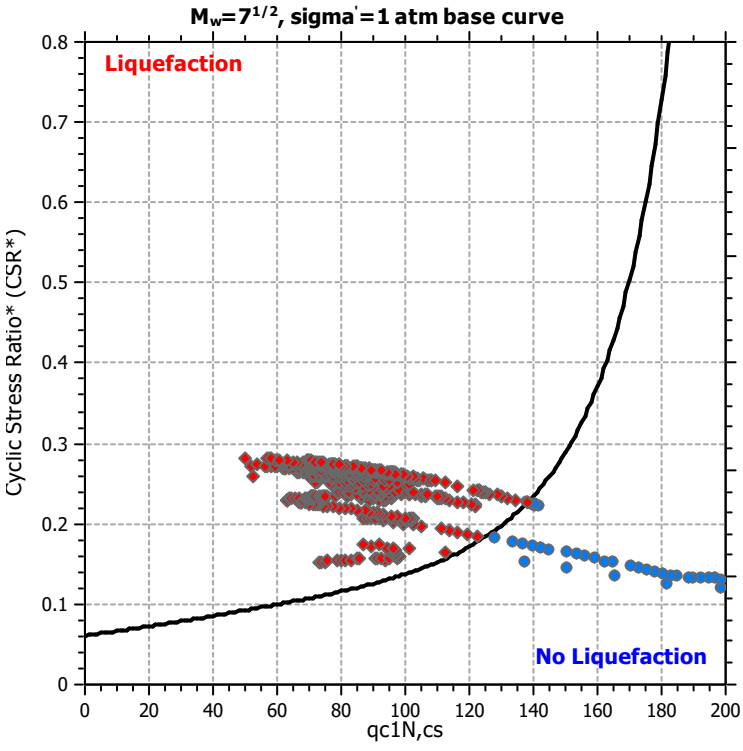
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

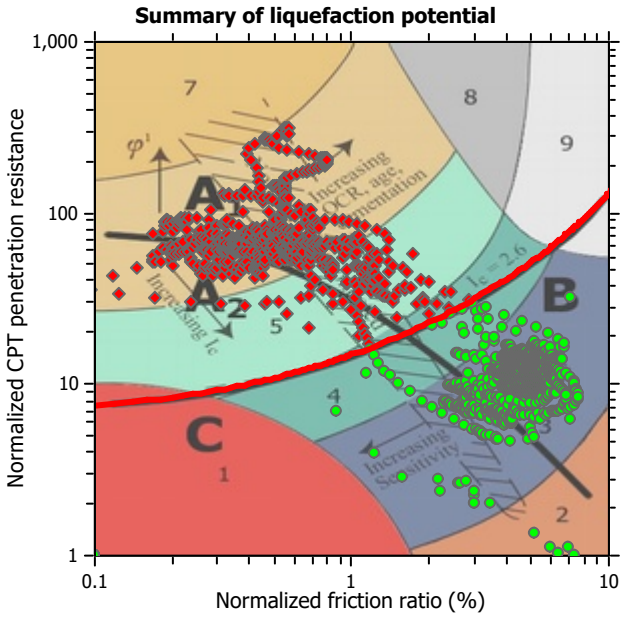
CPT file : 040008P1015CPTU1016

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

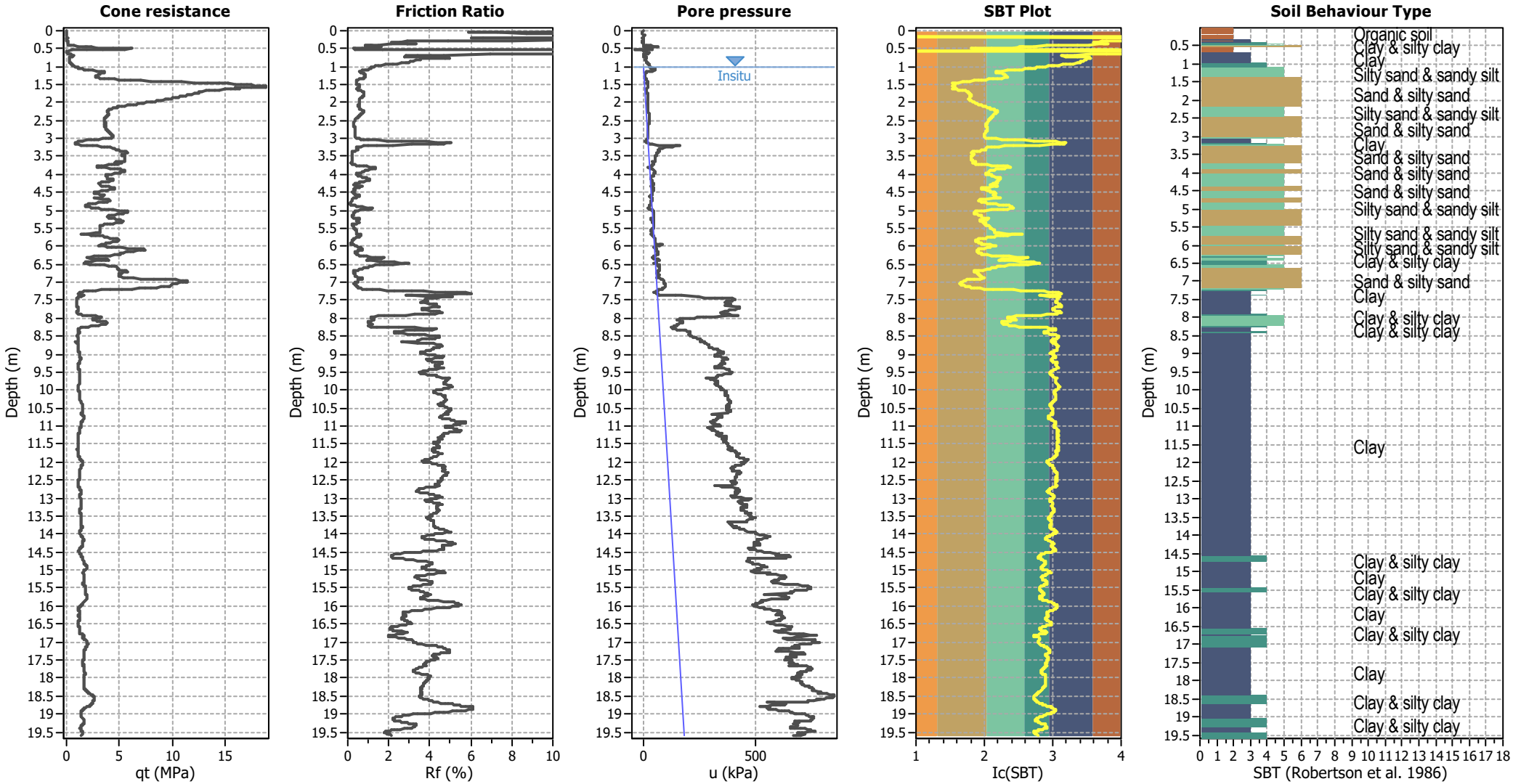






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



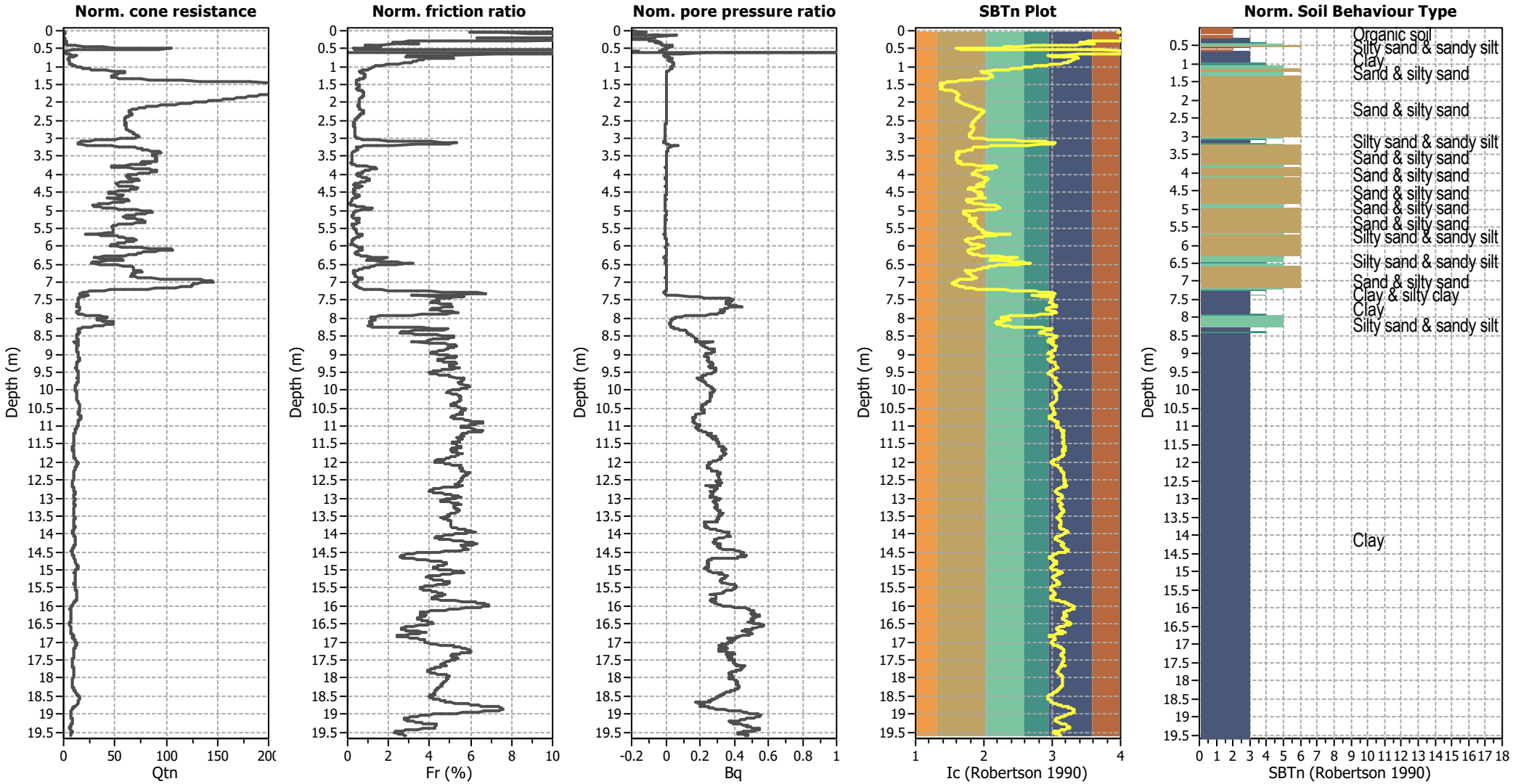
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



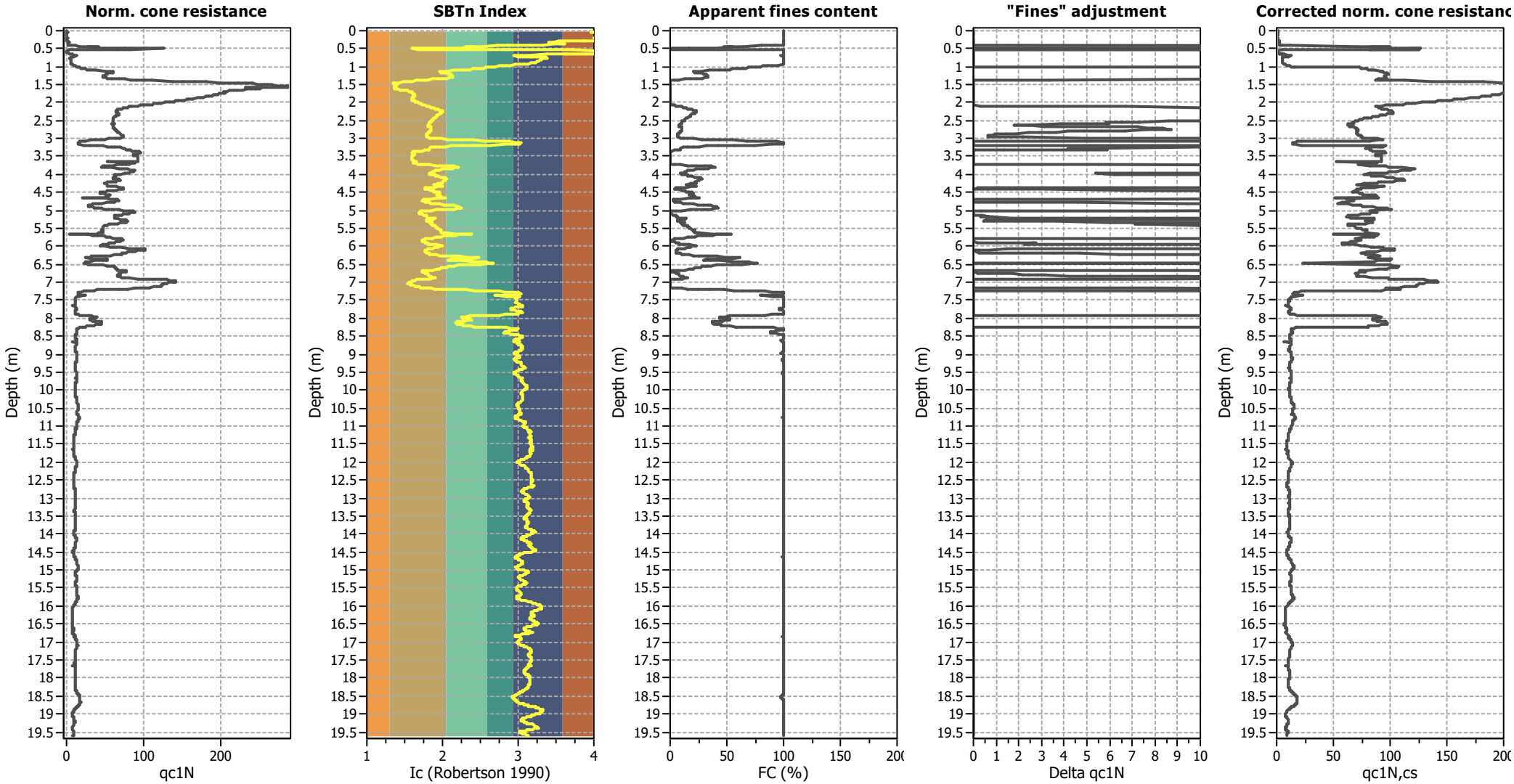
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

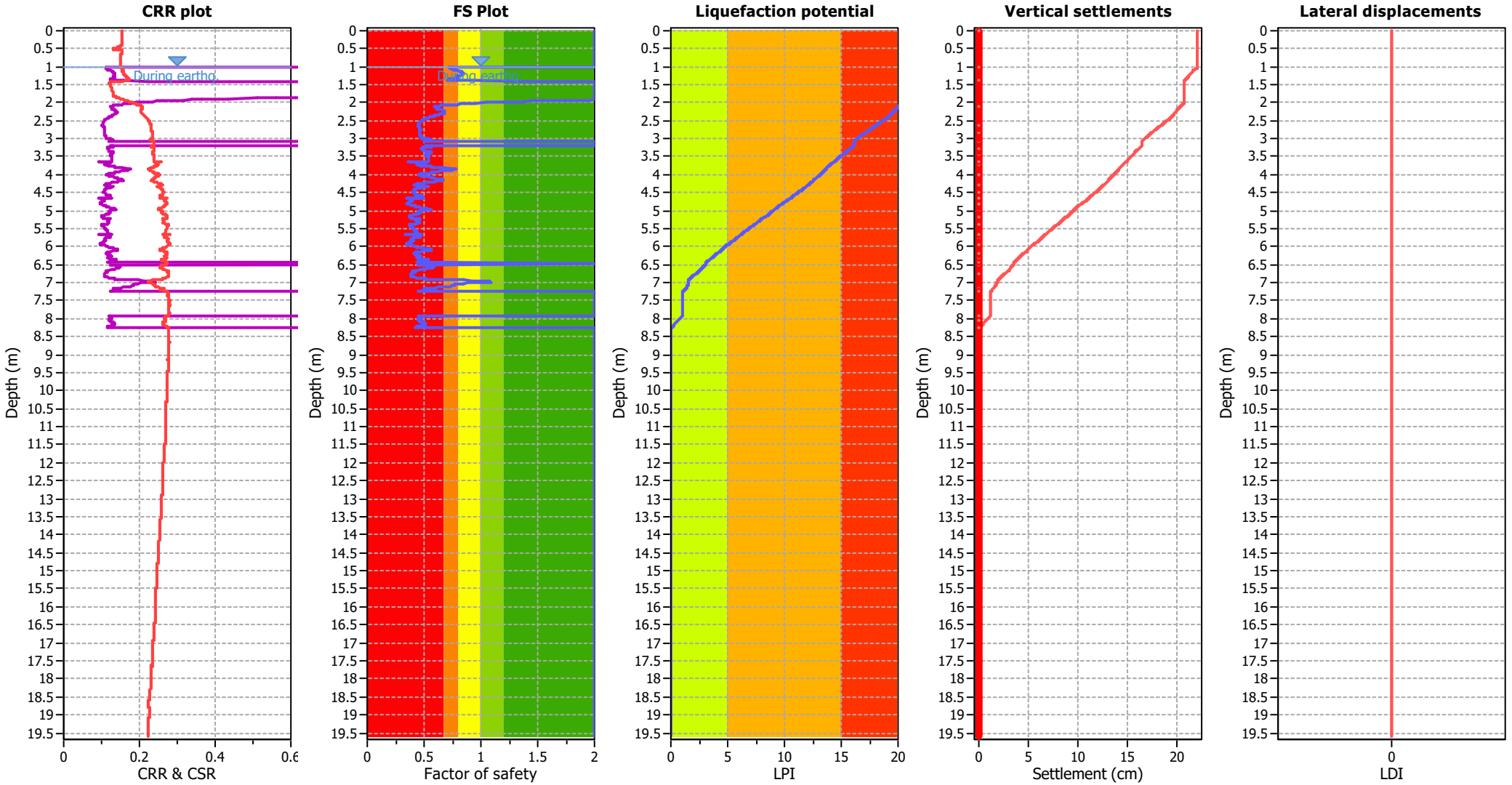
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

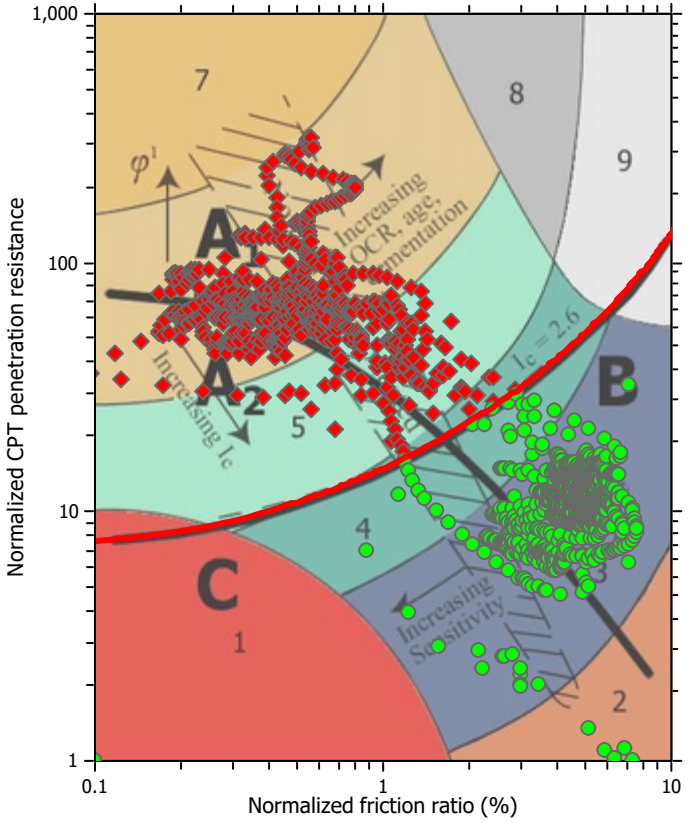
F.S. color scheme

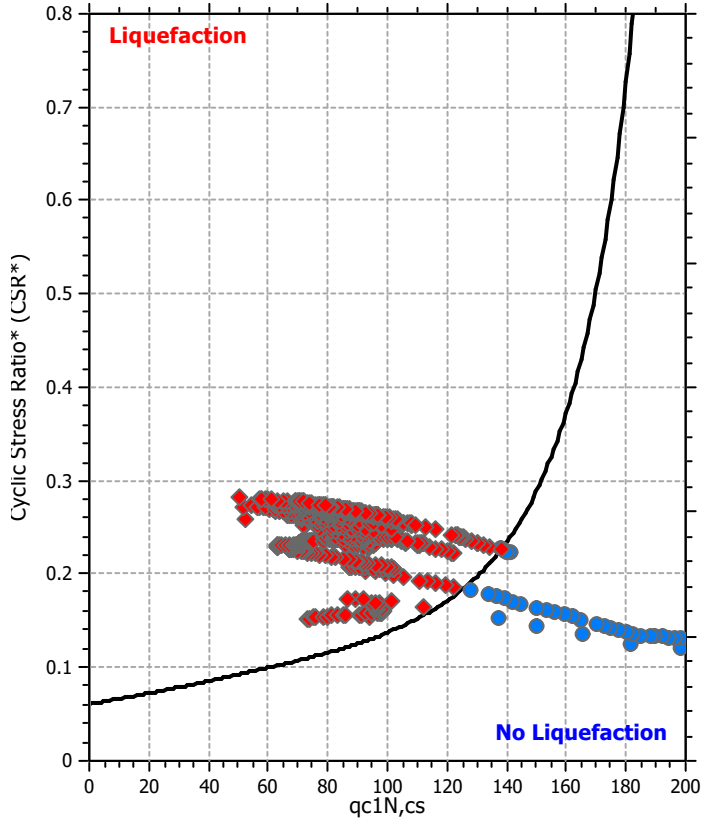
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

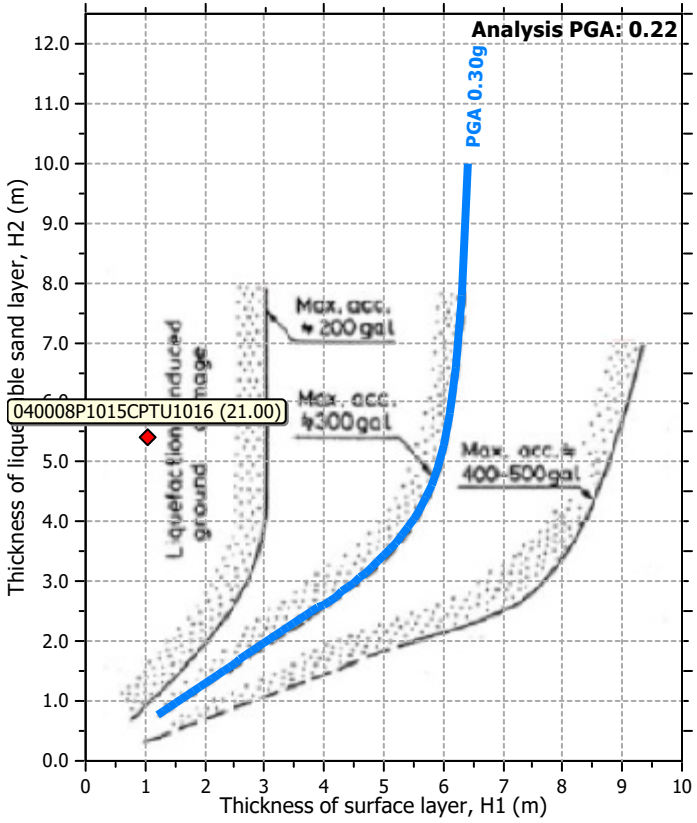
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



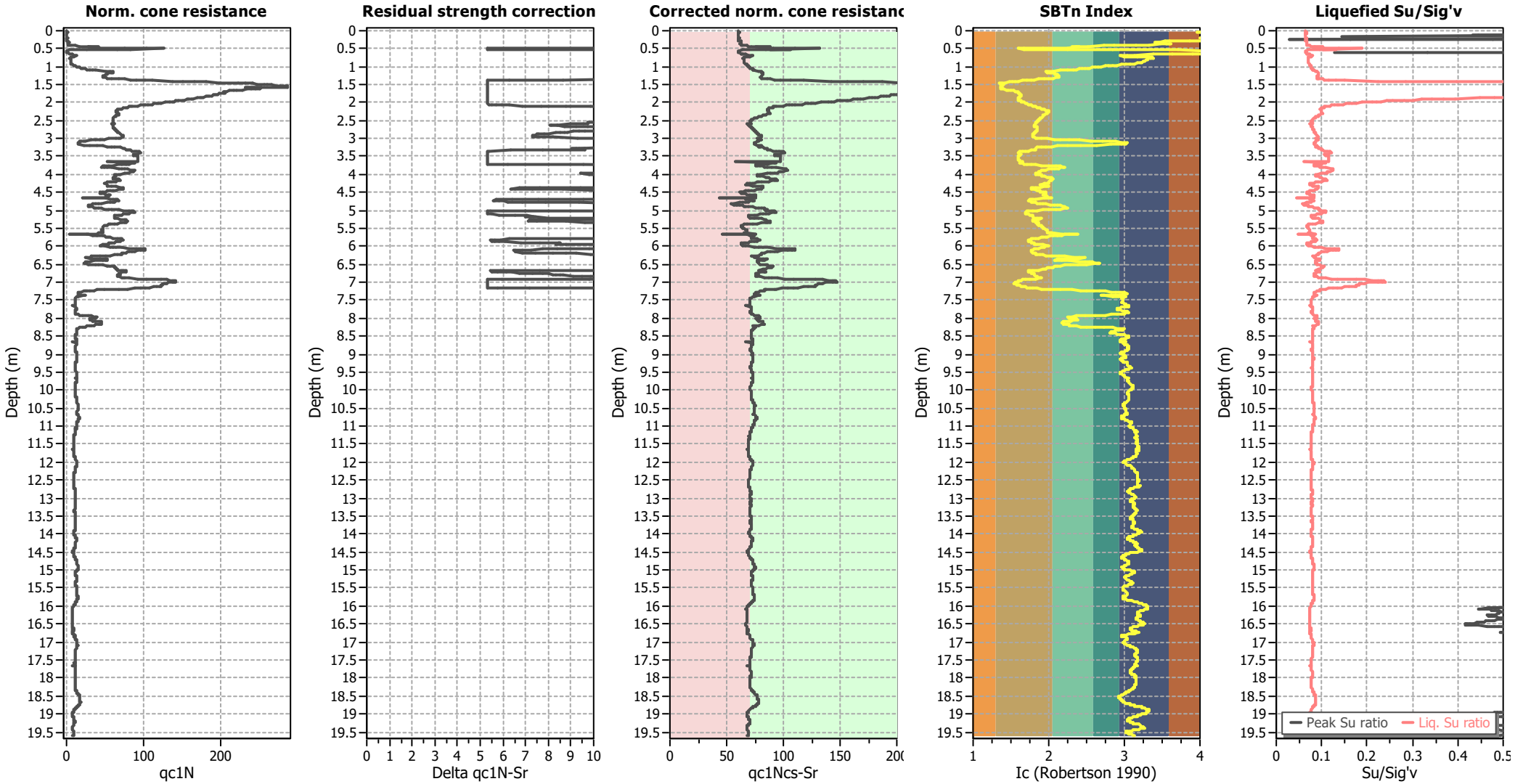




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	0.72	0.28	1.03	0.01	0.03	1.04	0.73	0.27	1.04	0.01	0.03
1.05	0.73	0.27	1.06	0.01	0.03	1.06	0.73	0.27	1.05	0.01	0.03
1.07	0.74	0.26	1.15	0.01	0.02	1.08	0.75	0.25	1.18	0.01	0.02
1.09	0.75	0.25	1.22	0.01	0.02	1.10	0.76	0.24	1.29	0.01	0.02
1.11	0.78	0.22	1.39	0.01	0.02	1.12	0.78	0.22	1.40	0.01	0.02
1.13	0.84	0.16	2.34	0.01	0.02	1.14	0.81	0.19	1.79	0.01	0.02
1.15	0.81	0.19	1.79	0.01	0.02	1.16	0.82	0.18	1.92	0.01	0.02
1.17	0.83	0.17	2.21	0.01	0.02	1.18	0.85	0.15	2.71	0.01	0.01
1.19	0.84	0.16	2.47	0.01	0.01	1.20	0.85	0.15	2.71	0.01	0.01
1.21	0.85	0.15	2.66	0.01	0.01	1.22	0.85	0.15	2.58	0.01	0.01
1.23	0.84	0.16	2.42	0.01	0.01	1.24	0.83	0.17	2.22	0.01	0.02
1.25	0.82	0.18	1.93	0.01	0.02	1.26	0.81	0.19	1.83	0.01	0.02
1.27	0.80	0.20	1.71	0.01	0.02	1.28	0.80	0.20	1.63	0.01	0.02
1.29	0.79	0.21	1.57	0.01	0.02	1.30	0.79	0.21	1.51	0.01	0.02
1.31	0.79	0.21	1.58	0.01	0.02	1.32	0.80	0.20	1.60	0.01	0.02
1.33	0.80	0.20	1.61	0.01	0.02	1.34	0.77	0.23	1.35	0.01	0.02
1.35	0.78	0.22	1.46	0.01	0.02	1.36	0.72	0.28	1.03	0.01	0.03
1.37	0.70	0.30	0.93	0.01	0.03	1.38	0.74	0.26	1.10	0.01	0.02
1.39	0.82	0.18	1.94	0.01	0.02	1.40	0.94	0.00	0.00	0.01	0.01
1.41	1.47	0.00	0.00	0.01	0.00	1.42	2.00	0.00	0.00	0.01	0.00
1.43	2.00	0.00	0.00	0.01	0.00	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	2.00	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	2.00	0.00	0.00	0.01	0.00
1.57	2.00	0.00	0.00	0.01	0.00	1.58	2.00	0.00	0.00	0.01	0.00
1.59	2.00	0.00	0.00	0.01	0.00	1.60	2.00	0.00	0.00	0.01	0.00
1.61	2.00	0.00	0.00	0.01	0.00	1.62	2.00	0.00	0.00	0.01	0.00
1.63	2.00	0.00	0.00	0.01	0.00	1.64	2.00	0.00	0.00	0.01	0.00
1.65	2.00	0.00	0.00	0.01	0.00	1.66	2.00	0.00	0.00	0.01	0.00
1.67	2.00	0.00	0.00	0.01	0.00	1.68	2.00	0.00	0.00	0.01	0.00
1.69	2.00	0.00	0.00	0.01	0.00	1.70	2.00	0.00	0.00	0.01	0.00
1.71	2.00	0.00	0.00	0.01	0.00	1.72	2.00	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	2.00	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	2.00	0.00	0.00	0.01	0.00	1.80	2.00	0.00	0.00	0.01	0.00
1.81	2.00	0.00	0.00	0.01	0.00	1.82	2.00	0.00	0.00	0.01	0.00
1.83	2.00	0.00	0.00	0.01	0.00	1.84	2.00	0.00	0.00	0.01	0.00
1.85	2.00	0.00	0.00	0.01	0.00	1.86	2.00	0.00	0.00	0.01	0.00
1.87	2.00	0.00	0.00	0.01	0.00	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.95	0.00	0.00	0.01	0.00	1.94	1.79	0.00	0.00	0.01	0.00
1.95	1.55	0.00	0.00	0.01	0.00	1.96	1.45	0.00	0.00	0.01	0.00
1.97	1.36	0.00	0.00	0.01	0.00	1.98	1.27	0.00	0.00	0.01	0.00
1.99	1.19	0.00	0.00	0.01	0.00	2.00	1.06	0.00	0.00	0.01	0.00
2.01	0.95	0.00	0.00	0.01	0.00	2.02	0.91	0.00	0.00	0.01	0.01
2.03	0.86	0.00	0.00	0.01	0.01	2.04	0.83	0.17	2.09	0.01	0.02
2.05	0.80	0.20	1.61	0.01	0.02	2.06	0.73	0.27	1.09	0.01	0.02
2.07	0.71	0.29	0.95	0.01	0.03	2.08	0.68	0.32	0.85	0.01	0.03
2.09	0.66	0.34	0.77	0.01	0.03	2.10	0.63	0.37	0.70	0.01	0.03
2.11	0.59	0.41	0.62	0.01	0.04	2.12	0.59	0.41	0.62	0.01	0.04
2.13	0.60	0.40	0.62	0.01	0.04	2.14	0.61	0.39	0.64	0.01	0.04
2.15	0.61	0.39	0.65	0.01	0.03	2.16	0.62	0.38	0.67	0.01	0.03
2.17	0.61	0.39	0.65	0.01	0.03	2.18	0.62	0.38	0.68	0.01	0.03
2.19	0.63	0.37	0.69	0.01	0.03	2.20	0.64	0.36	0.72	0.01	0.03
2.21	0.65	0.35	0.75	0.01	0.03	2.22	0.66	0.34	0.78	0.01	0.03
2.23	0.67	0.33	0.81	0.01	0.03	2.24	0.67	0.33	0.82	0.01	0.03
2.25	0.68	0.32	0.86	0.01	0.03	2.26	0.68	0.32	0.86	0.01	0.03
2.27	0.68	0.32	0.85	0.01	0.03	2.28	0.68	0.32	0.85	0.01	0.03
2.29	0.68	0.32	0.85	0.01	0.03	2.30	0.68	0.32	0.84	0.01	0.03
2.31	0.67	0.33	0.82	0.01	0.03	2.32	0.66	0.34	0.78	0.01	0.03
2.33	0.64	0.36	0.73	0.01	0.03	2.34	0.63	0.37	0.69	0.01	0.03
2.35	0.61	0.39	0.65	0.01	0.03	2.36	0.60	0.40	0.63	0.01	0.04
2.37	0.60	0.40	0.62	0.01	0.04	2.38	0.59	0.41	0.61	0.01	0.04
2.39	0.58	0.42	0.59	0.01	0.04	2.40	0.57	0.43	0.58	0.01	0.04
2.41	0.56	0.44	0.55	0.01	0.04	2.42	0.54	0.46	0.54	0.01	0.04
2.43	0.53	0.47	0.52	0.01	0.04	2.44	0.52	0.48	0.51	0.01	0.04
2.45	0.51	0.49	0.50	0.01	0.04	2.46	0.51	0.49	0.49	0.01	0.04
2.47	0.50	0.50	0.48	0.01	0.04	2.48	0.49	0.51	0.47	0.01	0.04
2.49	0.49	0.51	0.47	0.01	0.04	2.50	0.49	0.51	0.46	0.01	0.05
2.51	0.48	0.52	0.46	0.01	0.05	2.52	0.48	0.52	0.45	0.01	0.05
2.53	0.47	0.53	0.45	0.01	0.05	2.54	0.47	0.53	0.44	0.01	0.05
2.55	0.46	0.54	0.44	0.01	0.05	2.56	0.46	0.54	0.44	0.01	0.05
2.57	0.46	0.54	0.44	0.01	0.05	2.58	0.46	0.54	0.44	0.01	0.05
2.59	0.46	0.54	0.44	0.01	0.05	2.60	0.46	0.54	0.44	0.01	0.05
2.61	0.44	0.56	0.42	0.01	0.05	2.62	0.44	0.56	0.42	0.01	0.05
2.63	0.44	0.56	0.42	0.01	0.05	2.64	0.44	0.56	0.42	0.01	0.05
2.65	0.44	0.56	0.42	0.01	0.05	2.66	0.45	0.55	0.42	0.01	0.05
2.67	0.45	0.55	0.43	0.01	0.05	2.68	0.46	0.54	0.43	0.01	0.05
2.69	0.46	0.54	0.44	0.01	0.05	2.70	0.46	0.54	0.44	0.01	0.05
2.71	0.46	0.54	0.44	0.01	0.05	2.72	0.47	0.53	0.44	0.01	0.05
2.73	0.47	0.53	0.44	0.01	0.05	2.74	0.47	0.53	0.44	0.01	0.05
2.75	0.47	0.53	0.44	0.01	0.05	2.76	0.47	0.53	0.44	0.01	0.05
2.77	0.47	0.53	0.44	0.01	0.05	2.78	0.47	0.53	0.44	0.01	0.05
2.79	0.46	0.54	0.44	0.01	0.05	2.80	0.46	0.54	0.44	0.01	0.05
2.81	0.46	0.54	0.44	0.01	0.05	2.82	0.46	0.54	0.44	0.01	0.05
2.83	0.46	0.54	0.44	0.01	0.05	2.84	0.46	0.54	0.44	0.01	0.05
2.85	0.46	0.54	0.44	0.01	0.05	2.86	0.46	0.54	0.44	0.01	0.05
2.87	0.46	0.54	0.44	0.01	0.05	2.88	0.46	0.54	0.44	0.01	0.05

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.46	0.54	0.44	0.01	0.05	2.90	0.47	0.53	0.44	0.01	0.05
2.91	0.47	0.53	0.45	0.01	0.05	2.92	0.47	0.53	0.45	0.01	0.05
2.93	0.47	0.53	0.45	0.01	0.05	2.94	0.47	0.53	0.45	0.01	0.04
2.95	0.47	0.53	0.45	0.01	0.04	2.96	0.47	0.53	0.45	0.01	0.04
2.97	0.48	0.52	0.45	0.01	0.04	2.98	0.47	0.53	0.45	0.01	0.04
2.99	0.49	0.51	0.47	0.01	0.04	3.00	0.53	0.47	0.51	0.01	0.04
3.01	0.54	0.46	0.53	0.01	0.04	3.02	0.57	0.43	0.57	0.01	0.04
3.03	0.57	0.43	0.57	0.01	0.04	3.04	0.56	0.44	0.56	0.01	0.04
3.05	0.54	0.46	0.54	0.01	0.04	3.06	0.50	0.50	0.48	0.01	0.04
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	0.52	0.48	0.50	0.01	0.04
3.21	0.55	0.45	0.55	0.01	0.04	3.22	0.57	0.43	0.58	0.01	0.04
3.23	0.56	0.44	0.56	0.01	0.04	3.24	0.54	0.46	0.53	0.01	0.04
3.25	0.50	0.50	0.48	0.01	0.04	3.26	0.49	0.51	0.47	0.01	0.04
3.27	0.48	0.52	0.46	0.01	0.04	3.28	0.48	0.52	0.46	0.01	0.04
3.29	0.49	0.51	0.47	0.01	0.04	3.30	0.49	0.51	0.47	0.01	0.04
3.31	0.50	0.50	0.48	0.01	0.04	3.32	0.50	0.50	0.48	0.01	0.04
3.33	0.49	0.51	0.47	0.01	0.04	3.34	0.50	0.50	0.47	0.01	0.04
3.35	0.51	0.49	0.49	0.01	0.04	3.36	0.52	0.48	0.51	0.01	0.04
3.37	0.54	0.46	0.53	0.01	0.04	3.38	0.56	0.44	0.56	0.01	0.04
3.39	0.57	0.43	0.57	0.01	0.04	3.40	0.57	0.43	0.57	0.01	0.04
3.41	0.56	0.44	0.56	0.01	0.04	3.42	0.55	0.45	0.55	0.01	0.04
3.43	0.54	0.46	0.53	0.01	0.04	3.44	0.53	0.47	0.52	0.01	0.04
3.45	0.51	0.49	0.50	0.01	0.04	3.46	0.51	0.49	0.49	0.01	0.04
3.47	0.51	0.49	0.49	0.01	0.04	3.48	0.53	0.47	0.51	0.01	0.04
3.49	0.53	0.47	0.52	0.01	0.04	3.50	0.54	0.46	0.53	0.01	0.04
3.51	0.54	0.46	0.53	0.01	0.04	3.52	0.54	0.46	0.53	0.01	0.04
3.53	0.54	0.46	0.53	0.01	0.04	3.54	0.54	0.46	0.53	0.01	0.04
3.55	0.54	0.46	0.53	0.01	0.04	3.56	0.54	0.46	0.53	0.01	0.04
3.57	0.54	0.46	0.53	0.01	0.04	3.58	0.54	0.46	0.53	0.01	0.04
3.59	0.54	0.46	0.53	0.01	0.04	3.60	0.54	0.46	0.53	0.01	0.04
3.61	0.54	0.46	0.53	0.01	0.04	3.62	0.54	0.46	0.53	0.01	0.04
3.63	0.54	0.46	0.52	0.01	0.04	3.64	0.54	0.46	0.52	0.01	0.04
3.65	0.54	0.46	0.52	0.01	0.04	3.66	0.36	0.64	0.36	0.01	0.05
3.67	0.52	0.48	0.50	0.01	0.04	3.68	0.51	0.49	0.50	0.01	0.04
3.69	0.51	0.49	0.48	0.01	0.04	3.70	0.49	0.51	0.47	0.01	0.04
3.71	0.48	0.52	0.45	0.01	0.04	3.72	0.46	0.54	0.43	0.01	0.04
3.73	0.43	0.57	0.41	0.01	0.05	3.74	0.43	0.57	0.41	0.01	0.05
3.75	0.48	0.52	0.46	0.01	0.04	3.76	0.53	0.47	0.51	0.01	0.04
3.77	0.55	0.45	0.54	0.01	0.04	3.78	0.56	0.44	0.56	0.01	0.04
3.79	0.57	0.43	0.58	0.01	0.03	3.80	0.59	0.41	0.61	0.01	0.03
3.81	0.63	0.37	0.69	0.01	0.03	3.82	0.66	0.34	0.79	0.01	0.03
3.83	0.77	0.23	1.34	0.01	0.02	3.84	0.79	0.21	1.50	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.79	0.21	1.52	0.01	0.02	3.86	0.77	0.23	1.33	0.01	0.02
3.87	0.74	0.26	1.13	0.01	0.02	3.88	0.72	0.28	1.00	0.01	0.02
3.89	0.69	0.31	0.89	0.01	0.02	3.90	0.66	0.34	0.77	0.01	0.03
3.91	0.61	0.39	0.66	0.01	0.03	3.92	0.59	0.41	0.60	0.01	0.03
3.93	0.58	0.42	0.59	0.01	0.03	3.94	0.57	0.43	0.58	0.01	0.03
3.95	0.56	0.44	0.56	0.01	0.04	3.96	0.53	0.47	0.52	0.01	0.04
3.97	0.50	0.50	0.47	0.01	0.04	3.98	0.47	0.53	0.45	0.01	0.04
3.99	0.45	0.55	0.42	0.01	0.04	4.00	0.46	0.54	0.43	0.01	0.04
4.01	0.47	0.53	0.44	0.01	0.04	4.02	0.48	0.52	0.45	0.01	0.04
4.03	0.48	0.52	0.46	0.01	0.04	4.04	0.48	0.52	0.46	0.01	0.04
4.05	0.49	0.51	0.47	0.01	0.04	4.06	0.53	0.47	0.52	0.01	0.04
4.07	0.56	0.44	0.56	0.01	0.04	4.08	0.58	0.42	0.59	0.01	0.03
4.09	0.58	0.42	0.60	0.01	0.03	4.10	0.60	0.40	0.62	0.01	0.03
4.11	0.61	0.39	0.65	0.01	0.03	4.12	0.62	0.38	0.67	0.01	0.03
4.13	0.65	0.35	0.74	0.01	0.03	4.14	0.66	0.34	0.77	0.01	0.03
4.15	0.66	0.34	0.79	0.01	0.03	4.16	0.67	0.33	0.81	0.01	0.03
4.17	0.66	0.34	0.79	0.01	0.03	4.18	0.65	0.35	0.75	0.01	0.03
4.19	0.62	0.38	0.68	0.01	0.03	4.20	0.59	0.41	0.61	0.01	0.03
4.21	0.54	0.46	0.52	0.01	0.04	4.22	0.52	0.48	0.50	0.01	0.04
4.23	0.51	0.49	0.49	0.01	0.04	4.24	0.50	0.50	0.48	0.01	0.04
4.25	0.48	0.52	0.46	0.01	0.04	4.26	0.46	0.54	0.44	0.01	0.04
4.27	0.44	0.56	0.42	0.01	0.04	4.28	0.43	0.57	0.41	0.01	0.05
4.29	0.41	0.59	0.40	0.01	0.05	4.30	0.42	0.58	0.40	0.01	0.05
4.31	0.44	0.56	0.42	0.01	0.04	4.32	0.47	0.53	0.45	0.01	0.04
4.33	0.50	0.50	0.48	0.01	0.04	4.34	0.54	0.46	0.52	0.01	0.04
4.35	0.52	0.48	0.50	0.01	0.04	4.36	0.48	0.52	0.46	0.01	0.04
4.37	0.45	0.55	0.42	0.01	0.04	4.38	0.43	0.57	0.41	0.01	0.04
4.39	0.43	0.57	0.41	0.01	0.04	4.40	0.43	0.57	0.41	0.01	0.04
4.41	0.42	0.58	0.40	0.01	0.05	4.42	0.41	0.59	0.40	0.01	0.05
4.43	0.41	0.59	0.40	0.01	0.05	4.44	0.42	0.58	0.40	0.01	0.05
4.45	0.42	0.58	0.40	0.01	0.05	4.46	0.41	0.59	0.40	0.01	0.05
4.47	0.40	0.60	0.39	0.01	0.05	4.48	0.40	0.60	0.38	0.01	0.05
4.49	0.40	0.60	0.38	0.01	0.05	4.50	0.40	0.60	0.39	0.01	0.05
4.51	0.41	0.59	0.40	0.01	0.05	4.52	0.42	0.58	0.40	0.01	0.04
4.53	0.43	0.57	0.41	0.01	0.04	4.54	0.43	0.57	0.41	0.01	0.04
4.55	0.43	0.57	0.41	0.01	0.04	4.56	0.43	0.57	0.41	0.01	0.04
4.57	0.44	0.56	0.42	0.01	0.04	4.58	0.46	0.54	0.44	0.01	0.04
4.59	0.48	0.52	0.46	0.01	0.04	4.60	0.49	0.51	0.46	0.01	0.04
4.61	0.48	0.52	0.46	0.01	0.04	4.62	0.46	0.54	0.44	0.01	0.04
4.63	0.45	0.55	0.43	0.01	0.04	4.64	0.44	0.56	0.42	0.01	0.04
4.65	0.50	0.50	0.48	0.01	0.04	4.66	0.34	0.66	0.35	0.01	0.05
4.67	0.44	0.56	0.42	0.01	0.04	4.68	0.38	0.62	0.37	0.01	0.05
4.69	0.38	0.62	0.37	0.01	0.05	4.70	0.38	0.62	0.37	0.01	0.05
4.71	0.39	0.61	0.38	0.01	0.05	4.72	0.40	0.60	0.38	0.01	0.05
4.73	0.40	0.60	0.38	0.01	0.05	4.74	0.39	0.61	0.38	0.01	0.05
4.75	0.39	0.61	0.38	0.01	0.05	4.76	0.38	0.62	0.37	0.01	0.05
4.77	0.37	0.63	0.36	0.01	0.05	4.78	0.36	0.64	0.36	0.01	0.05
4.79	0.36	0.64	0.36	0.01	0.05	4.80	0.35	0.65	0.35	0.01	0.05

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.36	0.64	0.36	0.01	0.05	4.82	0.36	0.64	0.36	0.01	0.05
4.83	0.38	0.62	0.37	0.01	0.05	4.84	0.39	0.61	0.38	0.01	0.05
4.85	0.40	0.60	0.39	0.01	0.05	4.86	0.41	0.59	0.39	0.01	0.04
4.87	0.42	0.58	0.40	0.01	0.04	4.88	0.42	0.58	0.40	0.01	0.04
4.89	0.43	0.57	0.41	0.01	0.04	4.90	0.44	0.56	0.42	0.01	0.04
4.91	0.46	0.54	0.44	0.01	0.04	4.92	0.48	0.52	0.45	0.01	0.04
4.93	0.49	0.51	0.47	0.01	0.04	4.94	0.51	0.49	0.49	0.01	0.04
4.95	0.53	0.47	0.52	0.01	0.04	4.96	0.55	0.45	0.54	0.01	0.03
4.97	0.56	0.44	0.56	0.01	0.03	4.98	0.53	0.47	0.52	0.01	0.03
4.99	0.52	0.48	0.50	0.01	0.04	5.00	0.45	0.55	0.42	0.01	0.04
5.01	0.45	0.55	0.43	0.01	0.04	5.02	0.46	0.54	0.44	0.01	0.04
5.03	0.47	0.53	0.45	0.01	0.04	5.04	0.48	0.52	0.45	0.01	0.04
5.05	0.48	0.52	0.45	0.01	0.04	5.06	0.47	0.53	0.45	0.01	0.04
5.07	0.46	0.54	0.43	0.01	0.04	5.08	0.45	0.55	0.42	0.01	0.04
5.09	0.44	0.56	0.42	0.01	0.04	5.10	0.43	0.57	0.41	0.01	0.04
5.11	0.41	0.59	0.40	0.01	0.04	5.12	0.40	0.60	0.39	0.01	0.04
5.13	0.40	0.60	0.38	0.01	0.04	5.14	0.39	0.61	0.38	0.01	0.05
5.15	0.37	0.63	0.37	0.01	0.05	5.16	0.37	0.63	0.36	0.01	0.05
5.17	0.37	0.63	0.36	0.01	0.05	5.18	0.37	0.63	0.36	0.01	0.05
5.19	0.37	0.63	0.36	0.01	0.05	5.20	0.37	0.63	0.37	0.01	0.05
5.21	0.38	0.62	0.37	0.01	0.05	5.22	0.40	0.60	0.39	0.01	0.04
5.23	0.44	0.56	0.42	0.01	0.04	5.24	0.47	0.53	0.44	0.01	0.04
5.25	0.46	0.54	0.44	0.01	0.04	5.26	0.44	0.56	0.42	0.01	0.04
5.27	0.43	0.57	0.41	0.01	0.04	5.28	0.43	0.57	0.41	0.01	0.04
5.29	0.43	0.57	0.41	0.01	0.04	5.30	0.43	0.57	0.41	0.01	0.04
5.31	0.44	0.56	0.42	0.01	0.04	5.32	0.45	0.55	0.43	0.01	0.04
5.33	0.45	0.55	0.43	0.01	0.04	5.34	0.46	0.54	0.43	0.01	0.04
5.35	0.46	0.54	0.43	0.01	0.04	5.36	0.45	0.55	0.42	0.01	0.04
5.37	0.42	0.58	0.41	0.01	0.04	5.38	0.40	0.60	0.39	0.01	0.04
5.39	0.37	0.63	0.37	0.01	0.05	5.40	0.37	0.63	0.36	0.01	0.05
5.41	0.37	0.63	0.36	0.01	0.05	5.42	0.37	0.63	0.37	0.01	0.05
5.43	0.38	0.62	0.37	0.01	0.05	5.44	0.38	0.62	0.37	0.01	0.04
5.45	0.39	0.61	0.38	0.01	0.04	5.46	0.39	0.61	0.38	0.01	0.04
5.47	0.39	0.61	0.38	0.01	0.04	5.48	0.39	0.61	0.38	0.01	0.04
5.49	0.39	0.61	0.38	0.01	0.04	5.50	0.40	0.60	0.38	0.01	0.04
5.51	0.40	0.60	0.39	0.01	0.04	5.52	0.41	0.59	0.39	0.01	0.04
5.53	0.42	0.58	0.40	0.01	0.04	5.54	0.42	0.58	0.40	0.01	0.04
5.55	0.43	0.57	0.41	0.01	0.04	5.56	0.43	0.57	0.41	0.01	0.04
5.57	0.43	0.57	0.41	0.01	0.04	5.58	0.43	0.57	0.41	0.01	0.04
5.59	0.43	0.57	0.41	0.01	0.04	5.60	0.43	0.57	0.41	0.01	0.04
5.61	0.43	0.57	0.41	0.01	0.04	5.62	0.43	0.57	0.41	0.01	0.04
5.63	0.42	0.58	0.40	0.01	0.04	5.64	0.43	0.57	0.41	0.01	0.04
5.65	0.48	0.52	0.45	0.01	0.04	5.66	0.33	0.67	0.34	0.01	0.05
5.67	0.43	0.57	0.41	0.01	0.04	5.68	0.43	0.57	0.41	0.01	0.04
5.69	0.44	0.56	0.42	0.01	0.04	5.70	0.46	0.54	0.43	0.01	0.04
5.71	0.47	0.53	0.45	0.01	0.04	5.72	0.46	0.54	0.44	0.01	0.04
5.73	0.46	0.54	0.43	0.01	0.04	5.74	0.44	0.56	0.42	0.01	0.04
5.75	0.42	0.58	0.40	0.01	0.04	5.76	0.41	0.59	0.39	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.39	0.61	0.38	0.01	0.04	5.78	0.39	0.61	0.38	0.01	0.04
5.79	0.39	0.61	0.38	0.01	0.04	5.80	0.39	0.61	0.38	0.01	0.04
5.81	0.40	0.60	0.39	0.01	0.04	5.82	0.40	0.60	0.39	0.01	0.04
5.83	0.40	0.60	0.39	0.01	0.04	5.84	0.40	0.60	0.38	0.01	0.04
5.85	0.39	0.61	0.38	0.01	0.04	5.86	0.38	0.62	0.37	0.01	0.04
5.87	0.38	0.62	0.37	0.01	0.04	5.88	0.37	0.63	0.37	0.01	0.04
5.89	0.37	0.63	0.36	0.01	0.04	5.90	0.36	0.64	0.35	0.01	0.05
5.91	0.35	0.65	0.35	0.01	0.05	5.92	0.35	0.65	0.35	0.01	0.05
5.93	0.35	0.65	0.35	0.01	0.05	5.94	0.35	0.65	0.35	0.01	0.05
5.95	0.36	0.64	0.36	0.01	0.05	5.96	0.39	0.61	0.38	0.01	0.04
5.97	0.41	0.59	0.39	0.01	0.04	5.98	0.42	0.58	0.40	0.01	0.04
5.99	0.42	0.58	0.40	0.01	0.04	6.00	0.42	0.58	0.40	0.01	0.04
6.01	0.44	0.56	0.42	0.01	0.04	6.02	0.46	0.54	0.43	0.01	0.04
6.03	0.48	0.52	0.45	0.01	0.04	6.04	0.50	0.50	0.47	0.01	0.04
6.05	0.50	0.50	0.48	0.01	0.03	6.06	0.51	0.49	0.49	0.01	0.03
6.07	0.53	0.47	0.51	0.01	0.03	6.08	0.56	0.44	0.56	0.01	0.03
6.09	0.56	0.44	0.56	0.01	0.03	6.10	0.54	0.46	0.53	0.01	0.03
6.11	0.51	0.49	0.49	0.01	0.03	6.12	0.49	0.51	0.47	0.01	0.04
6.13	0.47	0.53	0.44	0.01	0.04	6.14	0.45	0.55	0.43	0.01	0.04
6.15	0.43	0.57	0.41	0.01	0.04	6.16	0.42	0.58	0.40	0.01	0.04
6.17	0.42	0.58	0.40	0.01	0.04	6.18	0.41	0.59	0.39	0.01	0.04
6.19	0.41	0.59	0.39	0.01	0.04	6.20	0.41	0.59	0.39	0.01	0.04
6.21	0.41	0.59	0.40	0.01	0.04	6.22	0.42	0.58	0.40	0.01	0.04
6.23	0.42	0.58	0.40	0.01	0.04	6.24	0.43	0.57	0.41	0.01	0.04
6.25	0.45	0.55	0.43	0.01	0.04	6.26	0.47	0.53	0.45	0.01	0.04
6.27	0.48	0.52	0.46	0.01	0.04	6.28	0.48	0.52	0.46	0.01	0.04
6.29	0.44	0.56	0.42	0.01	0.04	6.30	0.46	0.54	0.43	0.01	0.04
6.31	0.44	0.56	0.41	0.01	0.04	6.32	0.43	0.57	0.41	0.01	0.04
6.33	0.43	0.57	0.41	0.01	0.04	6.34	0.46	0.54	0.44	0.01	0.04
6.35	0.50	0.50	0.47	0.01	0.03	6.36	0.53	0.47	0.51	0.01	0.03
6.37	0.54	0.46	0.53	0.01	0.03	6.38	0.53	0.47	0.51	0.01	0.03
6.39	0.51	0.49	0.50	0.01	0.03	6.40	0.51	0.49	0.49	0.01	0.03
6.41	0.47	0.53	0.44	0.01	0.04	6.42	0.45	0.55	0.43	0.01	0.04
6.43	0.44	0.56	0.42	0.01	0.04	6.44	0.43	0.57	0.41	0.01	0.04
6.45	0.43	0.57	0.41	0.01	0.04	6.46	2.00	0.00	0.00	0.01	0.00
6.47	2.00	0.00	0.00	0.01	0.00	6.48	2.00	0.00	0.00	0.01	0.00
6.49	2.00	0.00	0.00	0.01	0.00	6.50	0.45	0.55	0.43	0.01	0.04
6.51	0.50	0.50	0.48	0.01	0.03	6.52	0.51	0.49	0.49	0.01	0.03
6.53	0.53	0.47	0.52	0.01	0.03	6.54	0.55	0.45	0.55	0.01	0.03
6.55	0.57	0.43	0.57	0.01	0.03	6.56	0.58	0.42	0.60	0.01	0.03
6.57	0.59	0.41	0.61	0.01	0.03	6.58	0.58	0.42	0.59	0.01	0.03
6.59	0.57	0.43	0.57	0.01	0.03	6.60	0.55	0.45	0.54	0.01	0.03
6.61	0.53	0.47	0.51	0.01	0.03	6.62	0.51	0.49	0.49	0.01	0.03
6.63	0.50	0.50	0.48	0.01	0.03	6.64	0.50	0.50	0.48	0.01	0.03
6.65	0.47	0.53	0.45	0.01	0.04	6.66	0.42	0.58	0.40	0.01	0.04
6.67	0.40	0.60	0.38	0.01	0.04	6.68	0.40	0.60	0.39	0.01	0.04
6.69	0.41	0.59	0.40	0.01	0.04	6.70	0.42	0.58	0.40	0.01	0.04
6.71	0.42	0.58	0.40	0.01	0.04	6.72	0.41	0.59	0.40	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.40	0.60	0.38	0.01	0.04	6.74	0.39	0.61	0.38	0.01	0.04
6.75	0.38	0.62	0.37	0.01	0.04	6.76	0.38	0.62	0.37	0.01	0.04
6.77	0.39	0.61	0.38	0.01	0.04	6.78	0.39	0.61	0.38	0.01	0.04
6.79	0.39	0.61	0.38	0.01	0.04	6.80	0.39	0.61	0.38	0.01	0.04
6.81	0.39	0.61	0.38	0.01	0.04	6.82	0.39	0.61	0.38	0.01	0.04
6.83	0.39	0.61	0.38	0.01	0.04	6.84	0.40	0.60	0.38	0.01	0.04
6.85	0.41	0.59	0.40	0.01	0.04	6.86	0.44	0.56	0.42	0.01	0.04
6.87	0.47	0.53	0.45	0.01	0.03	6.88	0.50	0.50	0.48	0.01	0.03
6.89	0.52	0.48	0.50	0.01	0.03	6.90	0.52	0.48	0.50	0.01	0.03
6.91	0.55	0.45	0.55	0.01	0.03	6.92	0.74	0.26	1.14	0.01	0.02
6.93	0.84	0.16	2.49	0.01	0.01	6.94	0.93	0.00	0.00	0.01	0.00
6.95	1.00	0.00	0.00	0.01	0.00	6.96	1.04	0.00	0.00	0.01	0.00
6.97	1.07	0.00	0.00	0.01	0.00	6.98	1.10	0.00	0.00	0.01	0.00
6.99	1.06	0.00	0.00	0.01	0.00	7.00	1.00	0.00	0.00	0.01	0.00
7.01	0.88	0.00	0.00	0.01	0.01	7.02	0.84	0.16	2.48	0.01	0.01
7.03	0.82	0.18	1.97	0.01	0.01	7.04	0.78	0.22	1.47	0.01	0.01
7.05	0.77	0.23	1.35	0.01	0.01	7.06	0.76	0.24	1.29	0.01	0.02
7.07	0.76	0.24	1.25	0.01	0.02	7.08	0.75	0.25	1.21	0.01	0.02
7.09	0.74	0.26	1.15	0.01	0.02	7.10	0.73	0.27	1.09	0.01	0.02
7.11	0.72	0.28	1.00	0.01	0.02	7.12	0.66	0.34	0.79	0.01	0.02
7.13	0.62	0.38	0.68	0.01	0.02	7.14	0.59	0.41	0.60	0.01	0.03
7.15	0.55	0.45	0.54	0.01	0.03	7.16	0.51	0.49	0.49	0.01	0.03
7.17	0.50	0.50	0.48	0.01	0.03	7.18	0.53	0.47	0.52	0.01	0.03
7.19	0.60	0.40	0.63	0.01	0.03	7.20	0.52	0.48	0.51	0.01	0.03
7.21	0.50	0.50	0.48	0.01	0.03	7.22	0.48	0.52	0.46	0.01	0.03
7.23	0.46	0.54	0.44	0.01	0.03	7.24	0.45	0.55	0.43	0.01	0.04
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	2.00	0.00	0.00	0.01	0.00	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	0.45	0.55	0.42	0.01	0.03	7.94	0.46	0.54	0.43	0.01	0.03
7.95	0.47	0.53	0.45	0.01	0.03	7.96	0.48	0.52	0.46	0.01	0.03
7.97	0.48	0.52	0.46	0.01	0.03	7.98	0.48	0.52	0.45	0.01	0.03
7.99	0.47	0.53	0.45	0.01	0.03	8.00	0.47	0.53	0.45	0.01	0.03
8.01	0.45	0.55	0.42	0.01	0.03	8.02	0.45	0.55	0.42	0.01	0.03
8.03	0.44	0.56	0.42	0.01	0.03	8.04	0.45	0.55	0.43	0.01	0.03
8.05	0.45	0.55	0.43	0.01	0.03	8.06	0.46	0.54	0.43	0.01	0.03
8.07	0.46	0.54	0.44	0.01	0.03	8.08	0.47	0.53	0.45	0.01	0.03
8.09	0.50	0.50	0.48	0.01	0.03	8.10	0.50	0.50	0.48	0.01	0.03
8.11	0.51	0.49	0.49	0.01	0.03	8.12	0.51	0.49	0.49	0.01	0.03
8.13	0.51	0.49	0.49	0.01	0.03	8.14	0.51	0.49	0.49	0.01	0.03
8.15	0.51	0.49	0.49	0.01	0.03	8.16	0.51	0.49	0.49	0.01	0.03
8.17	0.49	0.51	0.47	0.01	0.03	8.18	0.48	0.52	0.46	0.01	0.03
8.19	0.47	0.53	0.44	0.01	0.03	8.20	0.45	0.55	0.43	0.01	0.03
8.21	0.44	0.56	0.42	0.01	0.03	8.22	0.43	0.57	0.41	0.01	0.03
8.23	0.43	0.57	0.41	0.01	0.03	8.24	0.42	0.58	0.40	0.01	0.03
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.07	2.00	0.00	0.00	0.01	0.00	16.08	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.01	0.00	16.10	2.00	0.00	0.00	0.01	0.00
16.11	2.00	0.00	0.00	0.01	0.00	16.12	2.00	0.00	0.00	0.01	0.00
16.13	2.00	0.00	0.00	0.01	0.00	16.14	2.00	0.00	0.00	0.01	0.00
16.15	2.00	0.00	0.00	0.01	0.00	16.16	2.00	0.00	0.00	0.01	0.00
16.17	2.00	0.00	0.00	0.01	0.00	16.18	2.00	0.00	0.00	0.01	0.00
16.19	2.00	0.00	0.00	0.01	0.00	16.20	2.00	0.00	0.00	0.01	0.00
16.21	2.00	0.00	0.00	0.01	0.00	16.22	2.00	0.00	0.00	0.01	0.00
16.23	2.00	0.00	0.00	0.01	0.00	16.24	2.00	0.00	0.00	0.01	0.00
16.25	2.00	0.00	0.00	0.01	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.27	2.00	0.00	0.00	0.01	0.00	16.28	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.01	0.00	16.30	2.00	0.00	0.00	0.01	0.00
16.31	2.00	0.00	0.00	0.01	0.00	16.32	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.33	2.00	0.00	0.00	0.01	0.00	16.34	2.00	0.00	0.00	0.01	0.00
16.35	2.00	0.00	0.00	0.01	0.00	16.36	2.00	0.00	0.00	0.01	0.00
16.37	2.00	0.00	0.00	0.01	0.00	16.38	2.00	0.00	0.00	0.01	0.00
16.39	2.00	0.00	0.00	0.01	0.00	16.40	2.00	0.00	0.00	0.01	0.00
16.41	2.00	0.00	0.00	0.01	0.00	16.42	2.00	0.00	0.00	0.01	0.00
16.43	2.00	0.00	0.00	0.01	0.00	16.44	2.00	0.00	0.00	0.01	0.00
16.45	2.00	0.00	0.00	0.01	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.47	2.00	0.00	0.00	0.01	0.00	16.48	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.01	0.00	16.50	2.00	0.00	0.00	0.01	0.00
16.51	2.00	0.00	0.00	0.01	0.00	16.52	2.00	0.00	0.00	0.01	0.00
16.53	2.00	0.00	0.00	0.01	0.00	16.54	2.00	0.00	0.00	0.01	0.00
16.55	2.00	0.00	0.00	0.01	0.00	16.56	2.00	0.00	0.00	0.01	0.00
16.57	2.00	0.00	0.00	0.01	0.00	16.58	2.00	0.00	0.00	0.01	0.00
16.59	2.00	0.00	0.00	0.01	0.00	16.60	2.00	0.00	0.00	0.01	0.00
16.61	2.00	0.00	0.00	0.01	0.00	16.62	2.00	0.00	0.00	0.01	0.00
16.63	2.00	0.00	0.00	0.01	0.00	16.64	2.00	0.00	0.00	0.01	0.00
16.65	2.00	0.00	0.00	0.01	0.00	16.66	2.00	0.00	0.00	0.01	0.00
16.67	2.00	0.00	0.00	0.01	0.00	16.68	2.00	0.00	0.00	0.01	0.00
16.69	2.00	0.00	0.00	0.01	0.00	16.70	2.00	0.00	0.00	0.01	0.00
16.71	2.00	0.00	0.00	0.01	0.00	16.72	2.00	0.00	0.00	0.01	0.00
16.73	2.00	0.00	0.00	0.01	0.00	16.74	2.00	0.00	0.00	0.01	0.00
16.75	2.00	0.00	0.00	0.01	0.00	16.76	2.00	0.00	0.00	0.01	0.00
16.77	2.00	0.00	0.00	0.01	0.00	16.78	2.00	0.00	0.00	0.01	0.00
16.79	2.00	0.00	0.00	0.01	0.00	16.80	2.00	0.00	0.00	0.01	0.00
16.81	2.00	0.00	0.00	0.01	0.00	16.82	2.00	0.00	0.00	0.01	0.00
16.83	2.00	0.00	0.00	0.01	0.00	16.84	2.00	0.00	0.00	0.01	0.00
16.85	2.00	0.00	0.00	0.01	0.00	16.86	2.00	0.00	0.00	0.01	0.00
16.87	2.00	0.00	0.00	0.01	0.00	16.88	2.00	0.00	0.00	0.01	0.00
16.89	2.00	0.00	0.00	0.01	0.00	16.90	2.00	0.00	0.00	0.01	0.00
16.91	2.00	0.00	0.00	0.01	0.00	16.92	2.00	0.00	0.00	0.01	0.00
16.93	2.00	0.00	0.00	0.01	0.00	16.94	2.00	0.00	0.00	0.01	0.00
16.95	2.00	0.00	0.00	0.01	0.00	16.96	2.00	0.00	0.00	0.01	0.00
16.97	2.00	0.00	0.00	0.01	0.00	16.98	2.00	0.00	0.00	0.01	0.00
16.99	2.00	0.00	0.00	0.01	0.00	17.00	2.00	0.00	0.00	0.01	0.00
17.01	2.00	0.00	0.00	0.01	0.00	17.02	2.00	0.00	0.00	0.01	0.00
17.03	2.00	0.00	0.00	0.01	0.00	17.04	2.00	0.00	0.00	0.01	0.00
17.05	2.00	0.00	0.00	0.01	0.00	17.06	2.00	0.00	0.00	0.01	0.00
17.07	2.00	0.00	0.00	0.01	0.00	17.08	2.00	0.00	0.00	0.01	0.00
17.09	2.00	0.00	0.00	0.01	0.00	17.10	2.00	0.00	0.00	0.01	0.00
17.11	2.00	0.00	0.00	0.01	0.00	17.12	2.00	0.00	0.00	0.01	0.00
17.13	2.00	0.00	0.00	0.01	0.00	17.14	2.00	0.00	0.00	0.01	0.00
17.15	2.00	0.00	0.00	0.01	0.00	17.16	2.00	0.00	0.00	0.01	0.00
17.17	2.00	0.00	0.00	0.01	0.00	17.18	2.00	0.00	0.00	0.01	0.00
17.19	2.00	0.00	0.00	0.01	0.00	17.20	2.00	0.00	0.00	0.01	0.00
17.21	2.00	0.00	0.00	0.01	0.00	17.22	2.00	0.00	0.00	0.01	0.00
17.23	2.00	0.00	0.00	0.01	0.00	17.24	2.00	0.00	0.00	0.01	0.00
17.25	2.00	0.00	0.00	0.01	0.00	17.26	2.00	0.00	0.00	0.01	0.00
17.27	2.00	0.00	0.00	0.01	0.00	17.28	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.29	2.00	0.00	0.00	0.01	0.00	17.30	2.00	0.00	0.00	0.01	0.00
17.31	2.00	0.00	0.00	0.01	0.00	17.32	2.00	0.00	0.00	0.01	0.00
17.33	2.00	0.00	0.00	0.01	0.00	17.34	2.00	0.00	0.00	0.01	0.00
17.35	2.00	0.00	0.00	0.01	0.00	17.36	2.00	0.00	0.00	0.01	0.00
17.37	2.00	0.00	0.00	0.01	0.00	17.38	2.00	0.00	0.00	0.01	0.00
17.39	2.00	0.00	0.00	0.01	0.00	17.40	2.00	0.00	0.00	0.01	0.00
17.41	2.00	0.00	0.00	0.01	0.00	17.42	2.00	0.00	0.00	0.01	0.00
17.43	2.00	0.00	0.00	0.01	0.00	17.44	2.00	0.00	0.00	0.01	0.00
17.45	2.00	0.00	0.00	0.01	0.00	17.46	2.00	0.00	0.00	0.01	0.00
17.47	2.00	0.00	0.00	0.01	0.00	17.48	2.00	0.00	0.00	0.01	0.00
17.49	2.00	0.00	0.00	0.01	0.00	17.50	2.00	0.00	0.00	0.01	0.00
17.51	2.00	0.00	0.00	0.01	0.00	17.52	2.00	0.00	0.00	0.01	0.00
17.53	2.00	0.00	0.00	0.01	0.00	17.54	2.00	0.00	0.00	0.01	0.00
17.55	2.00	0.00	0.00	0.01	0.00	17.56	2.00	0.00	0.00	0.01	0.00
17.57	2.00	0.00	0.00	0.01	0.00	17.58	2.00	0.00	0.00	0.01	0.00
17.59	2.00	0.00	0.00	0.01	0.00	17.60	2.00	0.00	0.00	0.01	0.00
17.61	2.00	0.00	0.00	0.01	0.00	17.62	2.00	0.00	0.00	0.01	0.00
17.63	2.00	0.00	0.00	0.01	0.00	17.64	2.00	0.00	0.00	0.01	0.00
17.65	2.00	0.00	0.00	0.01	0.00	17.66	2.00	0.00	0.00	0.01	0.00
17.67	2.00	0.00	0.00	0.01	0.00	17.68	2.00	0.00	0.00	0.01	0.00
17.69	2.00	0.00	0.00	0.01	0.00	17.70	2.00	0.00	0.00	0.01	0.00
17.71	2.00	0.00	0.00	0.01	0.00	17.72	2.00	0.00	0.00	0.01	0.00
17.73	2.00	0.00	0.00	0.01	0.00	17.74	2.00	0.00	0.00	0.01	0.00
17.75	2.00	0.00	0.00	0.01	0.00	17.76	2.00	0.00	0.00	0.01	0.00
17.77	2.00	0.00	0.00	0.01	0.00	17.78	2.00	0.00	0.00	0.01	0.00
17.79	2.00	0.00	0.00	0.01	0.00	17.80	2.00	0.00	0.00	0.01	0.00
17.81	2.00	0.00	0.00	0.01	0.00	17.82	2.00	0.00	0.00	0.01	0.00
17.83	2.00	0.00	0.00	0.01	0.00	17.84	2.00	0.00	0.00	0.01	0.00
17.85	2.00	0.00	0.00	0.01	0.00	17.86	2.00	0.00	0.00	0.01	0.00
17.87	2.00	0.00	0.00	0.01	0.00	17.88	2.00	0.00	0.00	0.01	0.00
17.89	2.00	0.00	0.00	0.01	0.00	17.90	2.00	0.00	0.00	0.01	0.00
17.91	2.00	0.00	0.00	0.01	0.00	17.92	2.00	0.00	0.00	0.01	0.00
17.93	2.00	0.00	0.00	0.01	0.00	17.94	2.00	0.00	0.00	0.01	0.00
17.95	2.00	0.00	0.00	0.01	0.00	17.96	2.00	0.00	0.00	0.01	0.00
17.97	2.00	0.00	0.00	0.01	0.00	17.98	2.00	0.00	0.00	0.01	0.00
17.99	2.00	0.00	0.00	0.01	0.00	18.00	2.00	0.00	0.00	0.01	0.00
18.01	2.00	0.00	0.00	0.01	0.00	18.02	2.00	0.00	0.00	0.01	0.00
18.03	2.00	0.00	0.00	0.01	0.00	18.04	2.00	0.00	0.00	0.01	0.00
18.05	2.00	0.00	0.00	0.01	0.00	18.06	2.00	0.00	0.00	0.01	0.00
18.07	2.00	0.00	0.00	0.01	0.00	18.08	2.00	0.00	0.00	0.01	0.00
18.09	2.00	0.00	0.00	0.01	0.00	18.10	2.00	0.00	0.00	0.01	0.00
18.11	2.00	0.00	0.00	0.01	0.00	18.12	2.00	0.00	0.00	0.01	0.00
18.13	2.00	0.00	0.00	0.01	0.00	18.14	2.00	0.00	0.00	0.01	0.00
18.15	2.00	0.00	0.00	0.01	0.00	18.16	2.00	0.00	0.00	0.01	0.00
18.17	2.00	0.00	0.00	0.01	0.00	18.18	2.00	0.00	0.00	0.01	0.00
18.19	2.00	0.00	0.00	0.01	0.00	18.20	2.00	0.00	0.00	0.01	0.00
18.21	2.00	0.00	0.00	0.01	0.00	18.22	2.00	0.00	0.00	0.01	0.00
18.23	2.00	0.00	0.00	0.01	0.00	18.24	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
18.25	2.00	0.00	0.00	0.01	0.00	18.26	2.00	0.00	0.00	0.01	0.00
18.27	2.00	0.00	0.00	0.01	0.00	18.28	2.00	0.00	0.00	0.01	0.00
18.29	2.00	0.00	0.00	0.01	0.00	18.30	2.00	0.00	0.00	0.01	0.00
18.31	2.00	0.00	0.00	0.01	0.00	18.32	2.00	0.00	0.00	0.01	0.00
18.33	2.00	0.00	0.00	0.01	0.00	18.34	2.00	0.00	0.00	0.01	0.00
18.35	2.00	0.00	0.00	0.01	0.00	18.36	2.00	0.00	0.00	0.01	0.00
18.37	2.00	0.00	0.00	0.01	0.00	18.38	2.00	0.00	0.00	0.01	0.00
18.39	2.00	0.00	0.00	0.01	0.00	18.40	2.00	0.00	0.00	0.01	0.00
18.41	2.00	0.00	0.00	0.01	0.00	18.42	2.00	0.00	0.00	0.01	0.00
18.43	2.00	0.00	0.00	0.01	0.00	18.44	2.00	0.00	0.00	0.01	0.00
18.45	2.00	0.00	0.00	0.01	0.00	18.46	2.00	0.00	0.00	0.01	0.00
18.47	2.00	0.00	0.00	0.01	0.00	18.48	2.00	0.00	0.00	0.01	0.00
18.49	2.00	0.00	0.00	0.01	0.00	18.50	2.00	0.00	0.00	0.01	0.00
18.51	2.00	0.00	0.00	0.01	0.00	18.52	2.00	0.00	0.00	0.01	0.00
18.53	2.00	0.00	0.00	0.01	0.00	18.54	2.00	0.00	0.00	0.01	0.00
18.55	2.00	0.00	0.00	0.01	0.00	18.56	2.00	0.00	0.00	0.01	0.00
18.57	2.00	0.00	0.00	0.01	0.00	18.58	2.00	0.00	0.00	0.01	0.00
18.59	2.00	0.00	0.00	0.01	0.00	18.60	2.00	0.00	0.00	0.01	0.00
18.61	2.00	0.00	0.00	0.01	0.00	18.62	2.00	0.00	0.00	0.01	0.00
18.63	2.00	0.00	0.00	0.01	0.00	18.64	2.00	0.00	0.00	0.01	0.00
18.65	2.00	0.00	0.00	0.01	0.00	18.66	2.00	0.00	0.00	0.01	0.00
18.67	2.00	0.00	0.00	0.01	0.00	18.68	2.00	0.00	0.00	0.01	0.00
18.69	2.00	0.00	0.00	0.01	0.00	18.70	2.00	0.00	0.00	0.01	0.00
18.71	2.00	0.00	0.00	0.01	0.00	18.72	2.00	0.00	0.00	0.01	0.00
18.73	2.00	0.00	0.00	0.01	0.00	18.74	2.00	0.00	0.00	0.01	0.00
18.75	2.00	0.00	0.00	0.01	0.00	18.76	2.00	0.00	0.00	0.01	0.00
18.77	2.00	0.00	0.00	0.01	0.00	18.78	2.00	0.00	0.00	0.01	0.00
18.79	2.00	0.00	0.00	0.01	0.00	18.80	2.00	0.00	0.00	0.01	0.00
18.81	2.00	0.00	0.00	0.01	0.00	18.82	2.00	0.00	0.00	0.01	0.00
18.83	2.00	0.00	0.00	0.01	0.00	18.84	2.00	0.00	0.00	0.01	0.00
18.85	2.00	0.00	0.00	0.01	0.00	18.86	2.00	0.00	0.00	0.01	0.00
18.87	2.00	0.00	0.00	0.01	0.00	18.88	2.00	0.00	0.00	0.01	0.00
18.89	2.00	0.00	0.00	0.01	0.00	18.90	2.00	0.00	0.00	0.01	0.00
18.91	2.00	0.00	0.00	0.01	0.00	18.92	2.00	0.00	0.00	0.01	0.00
18.93	2.00	0.00	0.00	0.01	0.00	18.94	2.00	0.00	0.00	0.01	0.00
18.95	2.00	0.00	0.00	0.01	0.00	18.96	2.00	0.00	0.00	0.01	0.00
18.97	2.00	0.00	0.00	0.01	0.00	18.98	2.00	0.00	0.00	0.01	0.00
18.99	2.00	0.00	0.00	0.01	0.00	19.00	2.00	0.00	0.00	0.01	0.00
19.01	2.00	0.00	0.00	0.01	0.00	19.02	2.00	0.00	0.00	0.01	0.00
19.03	2.00	0.00	0.00	0.01	0.00	19.04	2.00	0.00	0.00	0.01	0.00
19.05	2.00	0.00	0.00	0.01	0.00	19.06	2.00	0.00	0.00	0.01	0.00
19.07	2.00	0.00	0.00	0.01	0.00	19.08	2.00	0.00	0.00	0.01	0.00
19.09	2.00	0.00	0.00	0.01	0.00	19.10	2.00	0.00	0.00	0.01	0.00
19.11	2.00	0.00	0.00	0.01	0.00	19.12	2.00	0.00	0.00	0.01	0.00
19.13	2.00	0.00	0.00	0.01	0.00	19.14	2.00	0.00	0.00	0.01	0.00
19.15	2.00	0.00	0.00	0.01	0.00	19.16	2.00	0.00	0.00	0.01	0.00
19.17	2.00	0.00	0.00	0.01	0.00	19.18	2.00	0.00	0.00	0.01	0.00
19.19	2.00	0.00	0.00	0.01	0.00	19.20	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.21	2.00	0.00	0.00	0.01	0.00	19.22	2.00	0.00	0.00	0.01	0.00
19.23	2.00	0.00	0.00	0.01	0.00	19.24	2.00	0.00	0.00	0.01	0.00
19.25	2.00	0.00	0.00	0.01	0.00	19.26	2.00	0.00	0.00	0.01	0.00
19.27	2.00	0.00	0.00	0.01	0.00	19.28	2.00	0.00	0.00	0.01	0.00
19.29	2.00	0.00	0.00	0.01	0.00	19.30	2.00	0.00	0.00	0.01	0.00
19.31	2.00	0.00	0.00	0.01	0.00	19.32	2.00	0.00	0.00	0.01	0.00
19.33	2.00	0.00	0.00	0.01	0.00	19.34	2.00	0.00	0.00	0.01	0.00
19.35	2.00	0.00	0.00	0.01	0.00	19.36	2.00	0.00	0.00	0.01	0.00
19.37	2.00	0.00	0.00	0.01	0.00	19.38	2.00	0.00	0.00	0.01	0.00
19.39	2.00	0.00	0.00	0.01	0.00	19.40	2.00	0.00	0.00	0.01	0.00
19.41	2.00	0.00	0.00	0.01	0.00	19.42	2.00	0.00	0.00	0.01	0.00
19.43	2.00	0.00	0.00	0.01	0.00	19.44	2.00	0.00	0.00	0.01	0.00
19.45	2.00	0.00	0.00	0.01	0.00	19.46	2.00	0.00	0.00	0.01	0.00
19.47	2.00	0.00	0.00	0.01	0.00	19.48	2.00	0.00	0.00	0.01	0.00
19.49	2.00	0.00	0.00	0.01	0.00	19.50	2.00	0.00	0.00	0.01	0.00
19.51	2.00	0.00	0.00	0.01	0.00	19.52	2.00	0.00	0.00	0.01	0.00
19.53	2.00	0.00	0.00	0.01	0.00	19.54	2.00	0.00	0.00	0.01	0.00
19.55	2.00	0.00	0.00	0.01	0.00	19.56	2.00	0.00	0.00	0.01	0.00
19.57	2.00	0.00	0.00	0.01	0.00	19.58	2.00	0.00	0.00	0.01	0.00
19.59	2.00	0.00	0.00	0.01	0.00	19.60	2.00	0.00	0.00	0.01	0.00

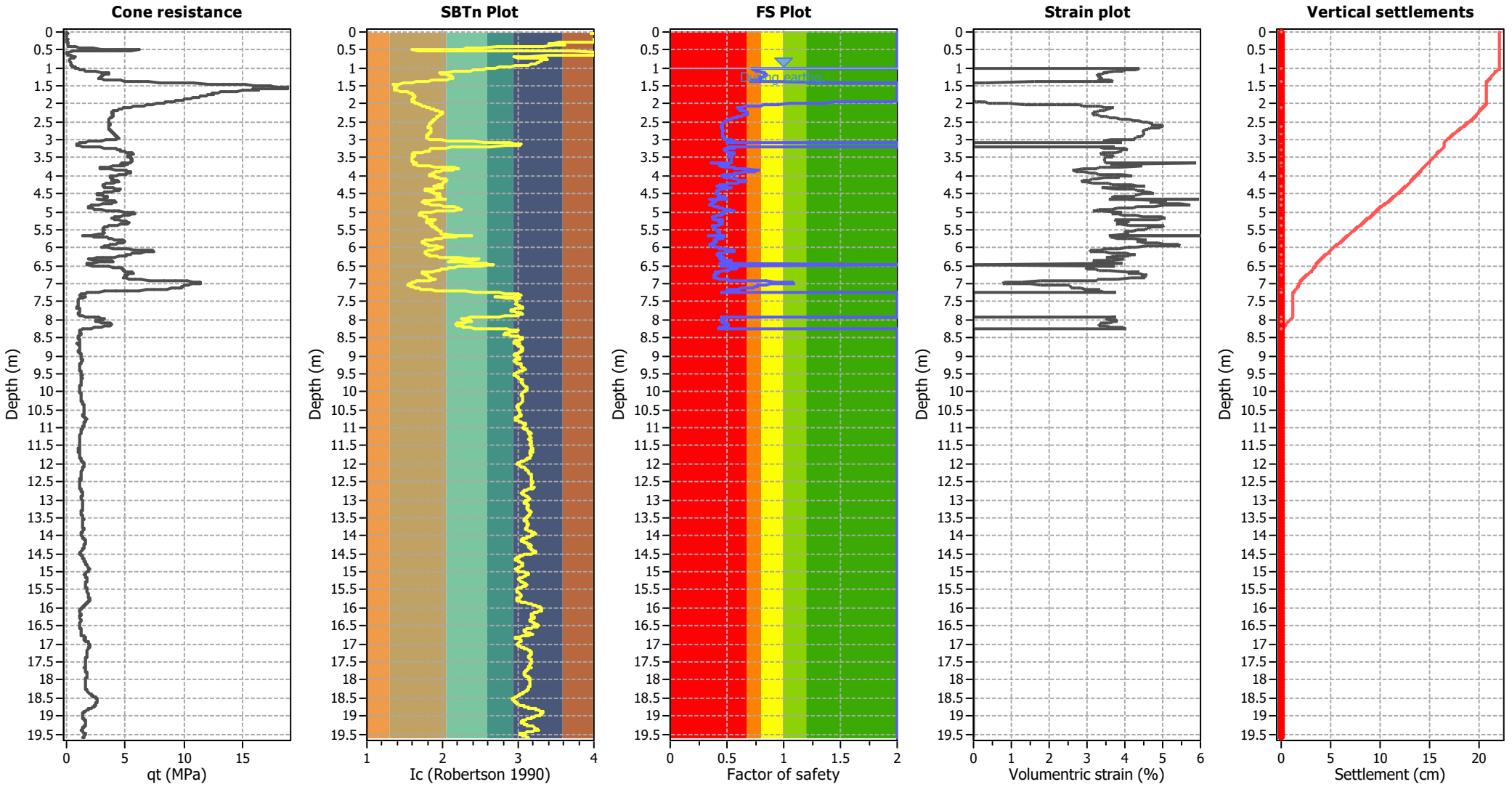
Overall liquefaction potential: 21.00

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	12.92	2.00	0.00	1.00	0.00	1.01	14.76	2.00	0.00	1.00	0.00
1.02	16.27	2.00	0.00	1.00	0.00	1.03	72.98	0.72	4.38	1.00	0.04
1.04	74.03	0.73	4.32	1.00	0.04	1.05	75.11	0.73	4.26	1.00	0.04
1.06	75.55	0.73	4.23	1.00	0.04	1.07	78.69	0.74	4.07	1.00	0.04
1.08	79.94	0.75	4.01	1.00	0.04	1.09	81.27	0.75	3.95	1.00	0.04
1.10	83.17	0.76	3.86	1.00	0.04	1.11	85.18	0.78	3.77	1.00	0.04
1.12	85.84	0.78	3.74	1.00	0.04	1.13	93.64	0.84	3.43	1.00	0.03
1.14	90.88	0.81	3.54	1.00	0.04	1.15	91.35	0.81	3.52	1.00	0.04
1.16	92.78	0.82	3.47	1.00	0.03	1.17	94.85	0.83	3.39	1.00	0.03
1.18	97.22	0.85	3.31	1.00	0.03	1.19	96.80	0.84	3.32	1.00	0.03
1.20	98.04	0.85	3.28	1.00	0.03	1.21	98.26	0.85	3.27	1.00	0.03
1.22	98.41	0.85	3.27	1.00	0.03	1.23	98.19	0.84	3.27	1.00	0.03
1.24	97.76	0.83	3.29	1.00	0.03	1.25	96.56	0.82	3.33	1.00	0.03
1.26	96.28	0.81	3.34	1.00	0.03	1.27	95.77	0.80	3.36	1.00	0.03
1.28	95.46	0.80	3.37	1.00	0.03	1.29	95.26	0.79	3.38	1.00	0.03
1.30	95.02	0.79	3.38	1.00	0.03	1.31	96.07	0.79	3.35	1.00	0.03
1.32	96.66	0.80	3.33	1.00	0.03	1.33	97.03	0.80	3.31	1.00	0.03
1.34	94.53	0.77	3.40	1.00	0.03	1.35	96.30	0.78	3.34	1.00	0.03
1.36	89.24	0.72	3.60	1.00	0.04	1.37	86.73	0.70	3.71	1.00	0.04
1.38	91.64	0.74	3.51	1.00	0.04	1.39	101.34	0.82	3.17	1.00	0.03
1.40	112.24	0.94	1.62	1.00	0.02	1.41	137.58	1.47	0.29	1.00	0.00
1.42	150.66	2.00	0.00	1.00	0.00	1.43	165.60	2.00	0.00	1.00	0.00
1.44	181.87	2.00	0.00	1.00	0.00	1.45	198.82	2.00	0.00	1.00	0.00
1.46	223.79	2.00	0.00	1.00	0.00	1.47	231.62	2.00	0.00	1.00	0.00
1.48	241.32	2.00	0.00	1.00	0.00	1.49	246.60	2.00	0.00	1.00	0.00
1.50	257.73	2.00	0.00	1.00	0.00	1.51	261.37	2.00	0.00	1.00	0.00
1.52	266.23	2.00	0.00	1.00	0.00	1.53	272.60	2.00	0.00	1.00	0.00
1.54	278.05	2.00	0.00	1.00	0.00	1.55	285.92	2.00	0.00	1.00	0.00
1.56	287.22	2.00	0.00	1.00	0.00	1.57	286.85	2.00	0.00	1.00	0.00
1.58	286.48	2.00	0.00	1.00	0.00	1.59	233.07	2.00	0.00	1.00	0.00
1.60	252.68	2.00	0.00	1.00	0.00	1.61	250.53	2.00	0.00	1.00	0.00
1.62	244.80	2.00	0.00	1.00	0.00	1.63	240.69	2.00	0.00	1.00	0.00
1.64	234.79	2.00	0.00	1.00	0.00	1.65	228.80	2.00	0.00	1.00	0.00
1.66	221.91	2.00	0.00	1.00	0.00	1.67	216.89	2.00	0.00	1.00	0.00
1.68	212.56	2.00	0.00	1.00	0.00	1.69	208.73	2.00	0.00	1.00	0.00
1.70	207.49	2.00	0.00	1.00	0.00	1.71	204.82	2.00	0.00	1.00	0.00
1.72	205.27	2.00	0.00	1.00	0.00	1.73	205.59	2.00	0.00	1.00	0.00
1.74	205.04	2.00	0.00	1.00	0.00	1.75	203.36	2.00	0.00	1.00	0.00
1.76	198.68	2.00	0.00	1.00	0.00	1.77	196.75	2.00	0.00	1.00	0.00
1.78	194.81	2.00	0.00	1.00	0.00	1.79	192.75	2.00	0.00	1.00	0.00
1.80	190.17	2.00	0.00	1.00	0.00	1.81	188.74	2.00	0.00	1.00	0.00
1.82	185.23	2.00	0.00	1.00	0.00	1.83	182.88	2.00	0.00	1.00	0.00
1.84	180.53	2.00	0.00	1.00	0.00	1.85	177.84	2.00	0.00	1.00	0.00
1.86	175.49	2.00	0.00	1.00	0.00	1.87	173.15	2.00	0.00	1.00	0.00
1.88	170.46	2.00	0.00	1.00	0.00	1.89	165.26	2.00	0.00	1.00	0.00
1.90	162.58	2.00	0.00	1.00	0.00	1.91	159.56	2.00	0.00	1.00	0.00
1.92	156.37	2.00	0.00	1.00	0.00	1.93	153.52	1.95	0.02	1.00	0.00
1.94	150.50	1.79	0.09	1.00	0.00	1.95	145.13	1.55	0.24	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	142.61	1.45	0.31	1.00	0.00	1.97	139.93	1.36	0.40	1.00	0.00
1.98	137.07	1.27	0.50	1.00	0.00	1.99	134.05	1.19	0.62	1.00	0.01
2.00	128.01	1.06	0.91	1.00	0.01	2.01	122.31	0.95	1.34	1.00	0.01
2.02	119.29	0.91	1.69	1.00	0.02	2.03	116.44	0.86	2.19	1.00	0.02
2.04	113.58	0.83	2.81	1.00	0.03	2.05	111.07	0.80	2.88	1.00	0.03
2.06	105.20	0.73	3.05	1.00	0.03	2.07	102.34	0.71	3.14	1.00	0.03
2.08	99.33	0.68	3.24	1.00	0.03	2.09	96.17	0.66	3.34	1.00	0.03
2.10	92.90	0.63	3.46	1.00	0.03	2.11	87.20	0.59	3.69	1.00	0.04
2.12	87.13	0.59	3.69	1.00	0.04	2.13	87.93	0.60	3.66	1.00	0.04
2.14	89.59	0.61	3.59	1.00	0.04	2.15	90.42	0.61	3.56	1.00	0.04
2.16	92.00	0.62	3.50	1.00	0.03	2.17	90.87	0.61	3.54	1.00	0.04
2.18	92.57	0.62	3.47	1.00	0.03	2.19	93.66	0.63	3.43	1.00	0.03
2.20	95.35	0.64	3.37	1.00	0.03	2.21	97.17	0.65	3.31	1.00	0.03
2.22	98.59	0.66	3.26	1.00	0.03	2.23	100.09	0.67	3.21	1.00	0.03
2.24	100.61	0.67	3.19	1.00	0.03	2.25	101.91	0.68	3.15	1.00	0.03
2.26	102.10	0.68	3.15	1.00	0.03	2.27	102.01	0.68	3.15	1.00	0.03
2.28	101.93	0.68	3.15	1.00	0.03	2.29	102.26	0.68	3.14	1.00	0.03
2.30	102.06	0.68	3.15	1.00	0.03	2.31	101.38	0.67	3.17	1.00	0.03
2.32	99.74	0.66	3.22	1.00	0.03	2.33	97.65	0.64	3.29	1.00	0.03
2.34	95.70	0.63	3.36	1.00	0.03	2.35	93.14	0.61	3.45	1.00	0.03
2.36	91.74	0.60	3.51	1.00	0.04	2.37	91.16	0.60	3.53	1.00	0.04
2.38	90.16	0.59	3.57	1.00	0.04	2.39	89.03	0.58	3.61	1.00	0.04
2.40	87.26	0.57	3.68	1.00	0.04	2.41	84.94	0.56	3.78	1.00	0.04
2.42	82.88	0.54	3.87	1.00	0.04	2.43	81.11	0.53	3.96	1.00	0.04
2.44	79.31	0.52	4.04	1.00	0.04	2.45	77.51	0.51	4.13	1.00	0.04
2.46	75.64	0.51	4.23	1.00	0.04	2.47	74.24	0.50	4.30	1.00	0.04
2.48	73.36	0.49	4.35	1.00	0.04	2.49	72.53	0.49	4.40	1.00	0.04
2.50	71.74	0.49	4.45	1.00	0.04	2.51	70.99	0.48	4.49	1.00	0.04
2.52	69.83	0.48	4.56	1.00	0.05	2.53	68.64	0.47	4.63	1.00	0.05
2.54	67.70	0.47	4.69	1.00	0.05	2.55	67.25	0.46	4.72	1.00	0.05
2.56	67.10	0.46	4.73	1.00	0.05	2.57	67.27	0.46	4.72	1.00	0.05
2.58	67.46	0.46	4.71	1.00	0.05	2.59	67.51	0.46	4.70	1.00	0.05
2.60	67.02	0.46	4.74	1.00	0.05	2.61	63.23	0.44	4.99	1.00	0.05
2.62	63.34	0.44	4.99	1.00	0.05	2.63	63.02	0.44	5.01	1.00	0.05
2.64	63.23	0.44	4.99	1.00	0.05	2.65	63.74	0.44	4.96	1.00	0.05
2.66	64.41	0.45	4.91	1.00	0.05	2.67	65.72	0.45	4.82	1.00	0.05
2.68	66.97	0.46	4.74	1.00	0.05	2.69	68.29	0.46	4.65	1.00	0.05
2.70	68.86	0.46	4.62	1.00	0.05	2.71	69.64	0.46	4.57	1.00	0.05
2.72	69.99	0.47	4.55	1.00	0.05	2.73	70.42	0.47	4.52	1.00	0.05
2.74	70.82	0.47	4.50	1.00	0.04	2.75	71.11	0.47	4.48	1.00	0.04
2.76	71.26	0.47	4.47	1.00	0.04	2.77	71.06	0.47	4.49	1.00	0.04
2.78	71.25	0.47	4.47	1.00	0.04	2.79	70.75	0.46	4.50	1.00	0.05
2.80	70.64	0.46	4.51	1.00	0.05	2.81	70.62	0.46	4.51	1.00	0.05
2.82	70.63	0.46	4.51	1.00	0.05	2.83	70.61	0.46	4.51	1.00	0.05
2.84	70.68	0.46	4.51	1.00	0.05	2.85	71.06	0.46	4.49	1.00	0.04
2.86	70.95	0.46	4.49	1.00	0.04	2.87	71.36	0.46	4.47	1.00	0.04
2.88	71.35	0.46	4.47	1.00	0.04	2.89	71.75	0.46	4.45	1.00	0.04
2.90	72.15	0.47	4.42	1.00	0.04	2.91	73.27	0.47	4.36	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	73.68	0.47	4.34	1.00	0.04	2.93	74.13	0.47	4.31	1.00	0.04
2.94	74.47	0.47	4.29	1.00	0.04	2.95	74.73	0.47	4.28	1.00	0.04
2.96	74.82	0.47	4.27	1.00	0.04	2.97	75.33	0.48	4.25	1.00	0.04
2.98	75.20	0.47	4.25	1.00	0.04	2.99	78.34	0.49	4.09	1.00	0.04
3.00	86.14	0.53	3.73	1.00	0.04	3.01	88.82	0.54	3.62	1.00	0.04
3.02	93.66	0.57	3.43	1.00	0.03	3.03	93.32	0.57	3.45	1.00	0.03
3.04	92.02	0.56	3.49	1.00	0.03	3.05	89.77	0.54	3.58	1.00	0.04
3.06	81.81	0.50	3.92	1.00	0.04	3.07	21.98	2.00	0.00	1.00	0.00
3.08	19.63	2.00	0.00	1.00	0.00	3.09	17.62	2.00	0.00	1.00	0.00
3.10	16.11	2.00	0.00	1.00	0.00	3.11	15.27	2.00	0.00	1.00	0.00
3.12	14.26	2.00	0.00	1.00	0.00	3.13	14.26	2.00	0.00	1.00	0.00
3.14	14.26	2.00	0.00	1.00	0.00	3.15	14.26	2.00	0.00	1.00	0.00
3.16	14.26	2.00	0.00	1.00	0.00	3.17	14.76	2.00	0.00	1.00	0.00
3.18	15.94	2.00	0.00	1.00	0.00	3.19	21.98	2.00	0.00	1.00	0.00
3.20	86.37	0.52	3.72	1.00	0.04	3.21	92.82	0.55	3.46	1.00	0.03
3.22	95.57	0.57	3.36	1.00	0.03	3.23	94.17	0.56	3.41	1.00	0.03
3.24	90.41	0.54	3.56	1.00	0.04	3.25	82.93	0.50	3.87	1.00	0.04
3.26	80.55	0.49	3.98	1.00	0.04	3.27	78.67	0.48	4.07	1.00	0.04
3.28	79.33	0.48	4.04	1.00	0.04	3.29	80.69	0.49	3.98	1.00	0.04
3.30	82.17	0.49	3.91	1.00	0.04	3.31	82.75	0.50	3.88	1.00	0.04
3.32	82.96	0.50	3.87	1.00	0.04	3.33	81.86	0.49	3.92	1.00	0.04
3.34	82.75	0.50	3.88	1.00	0.04	3.35	85.23	0.51	3.77	1.00	0.04
3.36	88.08	0.52	3.65	1.00	0.04	3.37	91.10	0.54	3.53	1.00	0.04
3.38	94.96	0.56	3.39	1.00	0.03	3.39	95.97	0.57	3.35	1.00	0.03
3.40	95.80	0.57	3.36	1.00	0.03	3.41	94.96	0.56	3.39	1.00	0.03
3.42	93.79	0.55	3.43	1.00	0.03	3.43	91.77	0.54	3.50	1.00	0.04
3.44	90.10	0.53	3.57	1.00	0.04	3.45	87.24	0.51	3.68	1.00	0.04
3.46	86.74	0.51	3.71	1.00	0.04	3.47	87.08	0.51	3.69	1.00	0.04
3.48	89.76	0.53	3.58	1.00	0.04	3.49	90.94	0.53	3.54	1.00	0.04
3.50	91.94	0.54	3.50	1.00	0.03	3.51	92.45	0.54	3.48	1.00	0.03
3.52	92.45	0.54	3.48	1.00	0.03	3.53	92.45	0.54	3.48	1.00	0.03
3.54	92.45	0.54	3.48	1.00	0.03	3.55	92.45	0.54	3.48	1.00	0.03
3.56	92.45	0.54	3.48	1.00	0.03	3.57	92.45	0.54	3.48	1.00	0.03
3.58	92.61	0.54	3.47	1.00	0.03	3.59	92.61	0.54	3.47	1.00	0.03
3.60	92.45	0.54	3.48	1.00	0.03	3.61	92.28	0.54	3.48	1.00	0.03
3.62	92.45	0.54	3.48	1.00	0.03	3.63	92.28	0.54	3.48	1.00	0.03
3.64	92.28	0.54	3.48	1.00	0.03	3.65	92.28	0.54	3.48	1.00	0.03
3.66	52.51	0.36	5.88	1.00	0.06	3.67	88.75	0.52	3.62	1.00	0.04
3.68	88.59	0.51	3.63	1.00	0.04	3.69	86.91	0.51	3.70	1.00	0.04
3.70	84.39	0.49	3.81	1.00	0.04	3.71	81.20	0.48	3.95	1.00	0.04
3.72	77.18	0.46	4.15	1.00	0.04	3.73	72.33	0.43	4.41	1.00	0.04
3.74	71.80	0.43	4.44	1.00	0.04	3.75	82.27	0.48	3.90	1.00	0.04
3.76	91.16	0.53	3.53	1.00	0.04	3.77	95.12	0.55	3.38	1.00	0.03
3.78	96.78	0.56	3.32	1.00	0.03	3.79	98.48	0.57	3.26	1.00	0.03
3.80	101.47	0.59	3.17	1.00	0.03	3.81	106.29	0.63	3.02	1.00	0.03
3.82	110.72	0.66	2.89	1.00	0.03	3.83	120.49	0.77	2.64	1.00	0.03
3.84	121.75	0.79	2.61	1.00	0.03	3.85	121.92	0.79	2.61	1.00	0.03
3.86	120.44	0.77	2.64	1.00	0.03	3.87	118.11	0.74	2.70	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	116.03	0.72	2.75	1.00	0.03	3.89	113.84	0.69	2.81	1.00	0.03
3.90	110.05	0.66	2.91	1.00	0.03	3.91	104.93	0.61	3.06	1.00	0.03
3.92	101.18	0.59	3.17	1.00	0.03	3.93	100.10	0.58	3.21	1.00	0.03
3.94	99.08	0.57	3.24	1.00	0.03	3.95	97.17	0.56	3.31	1.00	0.03
3.96	92.84	0.53	3.46	1.00	0.03	3.97	86.56	0.50	3.71	1.00	0.04
3.98	81.57	0.47	3.93	1.00	0.04	3.99	76.51	0.45	4.18	1.00	0.04
4.00	79.28	0.46	4.04	1.00	0.04	4.01	80.99	0.47	3.96	1.00	0.04
4.02	83.46	0.48	3.85	1.00	0.04	4.03	83.75	0.48	3.84	1.00	0.04
4.04	83.79	0.48	3.83	1.00	0.04	4.05	86.94	0.49	3.70	1.00	0.04
4.06	93.24	0.53	3.45	1.00	0.03	4.07	97.85	0.56	3.29	1.00	0.03
4.08	100.33	0.58	3.20	1.00	0.03	4.09	101.67	0.58	3.16	1.00	0.03
4.10	103.16	0.60	3.11	1.00	0.03	4.11	104.75	0.61	3.06	1.00	0.03
4.12	106.10	0.62	3.02	1.00	0.03	4.13	109.50	0.65	2.93	1.00	0.03
4.14	110.58	0.66	2.90	1.00	0.03	4.15	111.54	0.66	2.87	1.00	0.03
4.16	112.25	0.67	2.85	1.00	0.03	4.17	111.53	0.66	2.87	1.00	0.03
4.18	110.00	0.65	2.91	1.00	0.03	4.19	106.71	0.62	3.01	1.00	0.03
4.20	102.38	0.59	3.14	1.00	0.03	4.21	94.62	0.54	3.40	1.00	0.03
4.22	91.95	0.52	3.50	1.00	0.03	4.23	89.97	0.51	3.57	1.00	0.04
4.24	88.24	0.50	3.64	1.00	0.04	4.25	85.42	0.48	3.76	1.00	0.04
4.26	81.93	0.46	3.92	1.00	0.04	4.27	76.62	0.44	4.18	1.00	0.04
4.28	73.31	0.43	4.36	1.00	0.04	4.29	69.95	0.41	4.55	1.00	0.05
4.30	71.23	0.42	4.48	1.00	0.04	4.31	76.64	0.44	4.18	1.00	0.04
4.32	84.17	0.47	3.82	1.00	0.04	4.33	89.28	0.50	3.60	1.00	0.04
4.34	95.23	0.54	3.38	1.00	0.03	4.35	92.92	0.52	3.46	1.00	0.03
4.36	85.70	0.48	3.75	1.00	0.04	4.37	78.26	0.45	4.09	1.00	0.04
4.38	75.51	0.43	4.24	1.00	0.04	4.39	74.79	0.43	4.28	1.00	0.04
4.40	74.34	0.43	4.30	1.00	0.04	4.41	72.38	0.42	4.41	1.00	0.04
4.42	70.97	0.41	4.49	1.00	0.04	4.43	70.84	0.41	4.50	1.00	0.04
4.44	71.79	0.42	4.44	1.00	0.04	4.45	72.38	0.42	4.41	1.00	0.04
4.46	71.19	0.41	4.48	1.00	0.04	4.47	68.68	0.40	4.63	1.00	0.05
4.48	66.45	0.40	4.77	1.00	0.05	4.49	67.13	0.40	4.73	1.00	0.05
4.50	67.86	0.40	4.68	1.00	0.05	4.51	71.29	0.41	4.47	1.00	0.04
4.52	73.25	0.42	4.36	1.00	0.04	4.53	74.44	0.43	4.29	1.00	0.04
4.54	75.07	0.43	4.26	1.00	0.04	4.55	75.01	0.43	4.26	1.00	0.04
4.56	75.10	0.43	4.26	1.00	0.04	4.57	77.48	0.44	4.13	1.00	0.04
4.58	83.32	0.46	3.85	1.00	0.04	4.59	86.80	0.48	3.70	1.00	0.04
4.60	88.14	0.49	3.65	1.00	0.04	4.61	86.89	0.48	3.70	1.00	0.04
4.62	83.63	0.46	3.84	1.00	0.04	4.63	80.34	0.45	3.99	1.00	0.04
4.64	79.10	0.44	4.05	1.00	0.04	4.65	90.08	0.50	3.57	1.00	0.04
4.66	51.68	0.34	5.97	1.00	0.06	4.67	78.49	0.44	4.08	1.00	0.04
4.68	62.37	0.38	5.06	1.00	0.05	4.69	61.74	0.38	5.10	1.00	0.05
4.70	63.99	0.38	4.94	1.00	0.05	4.71	66.28	0.39	4.78	1.00	0.05
4.72	67.76	0.40	4.69	1.00	0.05	4.73	68.13	0.40	4.66	1.00	0.05
4.74	67.11	0.39	4.73	1.00	0.05	4.75	65.12	0.39	4.86	1.00	0.05
4.76	62.71	0.38	5.03	1.00	0.05	4.77	60.16	0.37	5.22	1.00	0.05
4.78	58.15	0.36	5.38	1.00	0.05	4.79	57.12	0.36	5.47	1.00	0.05
4.80	54.04	0.35	5.74	1.00	0.06	4.81	56.56	0.36	5.52	1.00	0.06
4.82	59.09	0.36	5.31	1.00	0.05	4.83	62.72	0.38	5.03	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	66.66	0.39	4.76	1.00	0.05	4.85	70.28	0.40	4.53	1.00	0.05
4.86	72.66	0.41	4.39	1.00	0.04	4.87	74.53	0.42	4.29	1.00	0.04
4.88	75.96	0.42	4.21	1.00	0.04	4.89	77.39	0.43	4.14	1.00	0.04
4.90	79.57	0.44	4.03	1.00	0.04	4.91	84.58	0.46	3.80	1.00	0.04
4.92	87.84	0.48	3.66	1.00	0.04	4.93	90.79	0.49	3.54	1.00	0.04
4.94	93.95	0.51	3.42	1.00	0.03	4.95	97.25	0.53	3.31	1.00	0.03
4.96	99.91	0.55	3.22	1.00	0.03	4.97	101.24	0.56	3.17	1.00	0.03
4.98	97.70	0.53	3.29	1.00	0.03	4.99	95.02	0.52	3.38	1.00	0.03
5.00	81.73	0.45	3.93	1.00	0.04	5.01	82.53	0.45	3.89	1.00	0.04
5.02	85.18	0.46	3.77	1.00	0.04	5.03	87.20	0.47	3.69	1.00	0.04
5.04	88.05	0.48	3.65	1.00	0.04	5.05	87.72	0.48	3.66	1.00	0.04
5.06	87.01	0.47	3.69	1.00	0.04	5.07	83.83	0.46	3.83	1.00	0.04
5.08	81.81	0.45	3.92	1.00	0.04	5.09	79.78	0.44	4.02	1.00	0.04
5.10	76.92	0.43	4.16	1.00	0.04	5.11	73.95	0.41	4.32	1.00	0.04
5.12	71.49	0.40	4.46	1.00	0.04	5.13	69.70	0.40	4.57	1.00	0.05
5.14	67.29	0.39	4.72	1.00	0.05	5.15	62.99	0.37	5.01	1.00	0.05
5.16	62.41	0.37	5.05	1.00	0.05	5.17	62.45	0.37	5.05	1.00	0.05
5.18	62.14	0.37	5.07	1.00	0.05	5.19	62.59	0.37	5.04	1.00	0.05
5.20	63.18	0.37	5.00	1.00	0.05	5.21	64.81	0.38	4.88	1.00	0.05
5.22	71.15	0.40	4.48	1.00	0.04	5.23	80.57	0.44	3.98	1.00	0.04
5.24	86.30	0.47	3.72	1.00	0.04	5.25	85.38	0.46	3.76	1.00	0.04
5.26	81.59	0.44	3.93	1.00	0.04	5.27	78.70	0.43	4.07	1.00	0.04
5.28	78.20	0.43	4.10	1.00	0.04	5.29	78.83	0.43	4.07	1.00	0.04
5.30	79.81	0.43	4.02	1.00	0.04	5.31	82.00	0.44	3.91	1.00	0.04
5.32	83.37	0.45	3.85	1.00	0.04	5.33	84.31	0.45	3.81	1.00	0.04
5.34	85.02	0.46	3.78	1.00	0.04	5.35	84.89	0.46	3.78	1.00	0.04
5.36	82.61	0.45	3.89	1.00	0.04	5.37	77.66	0.42	4.12	1.00	0.04
5.38	71.50	0.40	4.46	1.00	0.04	5.39	64.31	0.37	4.92	1.00	0.05
5.40	62.55	0.37	5.04	1.00	0.05	5.41	63.01	0.37	5.01	1.00	0.05
5.42	64.05	0.37	4.94	1.00	0.05	5.43	65.89	0.38	4.81	1.00	0.05
5.44	67.40	0.38	4.71	1.00	0.05	5.45	68.72	0.39	4.63	1.00	0.05
5.46	69.25	0.39	4.59	1.00	0.05	5.47	69.39	0.39	4.59	1.00	0.05
5.48	69.63	0.39	4.57	1.00	0.05	5.49	69.89	0.39	4.56	1.00	0.05
5.50	70.57	0.40	4.51	1.00	0.05	5.51	72.00	0.40	4.43	1.00	0.04
5.52	73.91	0.41	4.32	1.00	0.04	5.53	75.88	0.42	4.22	1.00	0.04
5.54	77.54	0.42	4.13	1.00	0.04	5.55	78.75	0.43	4.07	1.00	0.04
5.56	79.81	0.43	4.02	1.00	0.04	5.57	79.95	0.43	4.01	1.00	0.04
5.58	79.44	0.43	4.04	1.00	0.04	5.59	78.53	0.43	4.08	1.00	0.04
5.60	78.59	0.43	4.08	1.00	0.04	5.61	79.24	0.43	4.05	1.00	0.04
5.62	80.00	0.43	4.01	1.00	0.04	5.63	78.05	0.42	4.10	1.00	0.04
5.64	79.52	0.43	4.03	1.00	0.04	5.65	89.50	0.48	3.59	1.00	0.04
5.66	50.04	0.33	6.13	1.00	0.06	5.67	80.78	0.43	3.97	1.00	0.04
5.68	78.65	0.43	4.08	1.00	0.04	5.69	81.96	0.44	3.92	1.00	0.04
5.70	85.86	0.46	3.74	1.00	0.04	5.71	88.98	0.47	3.61	1.00	0.04
5.72	87.47	0.46	3.68	1.00	0.04	5.73	85.62	0.46	3.75	1.00	0.04
5.74	82.37	0.44	3.90	1.00	0.04	5.75	78.72	0.42	4.07	1.00	0.04
5.76	75.70	0.41	4.23	1.00	0.04	5.77	71.11	0.39	4.48	1.00	0.04
5.78	70.53	0.39	4.52	1.00	0.05	5.79	69.73	0.39	4.57	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	71.19	0.39	4.48	1.00	0.04	5.81	72.66	0.40	4.39	1.00	0.04
5.82	73.90	0.40	4.32	1.00	0.04	5.83	73.72	0.40	4.33	1.00	0.04
5.84	72.52	0.40	4.40	1.00	0.04	5.85	70.80	0.39	4.50	1.00	0.05
5.86	68.42	0.38	4.65	1.00	0.05	5.87	66.43	0.38	4.77	1.00	0.05
5.88	64.83	0.37	4.88	1.00	0.05	5.89	62.85	0.37	5.02	1.00	0.05
5.90	59.75	0.36	5.25	1.00	0.05	5.91	59.22	0.35	5.30	1.00	0.05
5.92	57.45	0.35	5.44	1.00	0.05	5.93	57.08	0.35	5.47	1.00	0.05
5.94	57.97	0.35	5.40	1.00	0.05	5.95	60.83	0.36	5.17	1.00	0.05
5.96	69.86	0.39	4.56	1.00	0.05	5.97	74.39	0.41	4.30	1.00	0.04
5.98	78.65	0.42	4.07	1.00	0.04	5.99	77.42	0.42	4.14	1.00	0.04
6.00	78.71	0.42	4.07	1.00	0.04	6.01	83.31	0.44	3.85	1.00	0.04
6.02	86.42	0.46	3.72	1.00	0.04	6.03	90.65	0.48	3.55	1.00	0.04
6.04	94.17	0.50	3.41	1.00	0.03	6.05	95.43	0.50	3.37	1.00	0.03
6.06	96.51	0.51	3.33	1.00	0.03	6.07	99.06	0.53	3.24	1.00	0.03
6.08	104.29	0.56	3.08	1.00	0.03	6.09	103.70	0.56	3.10	1.00	0.03
6.10	101.26	0.54	3.17	1.00	0.03	6.11	97.07	0.51	3.31	1.00	0.03
6.12	92.92	0.49	3.46	1.00	0.03	6.13	88.99	0.47	3.61	1.00	0.04
6.14	85.27	0.45	3.77	1.00	0.04	6.15	81.88	0.43	3.92	1.00	0.04
6.16	79.15	0.42	4.05	1.00	0.04	6.17	77.22	0.42	4.15	1.00	0.04
6.18	74.81	0.41	4.27	1.00	0.04	6.19	75.24	0.41	4.25	1.00	0.04
6.20	76.05	0.41	4.21	1.00	0.04	6.21	76.81	0.41	4.17	1.00	0.04
6.22	77.68	0.42	4.12	1.00	0.04	6.23	79.27	0.42	4.04	1.00	0.04
6.24	81.72	0.43	3.93	1.00	0.04	6.25	86.16	0.45	3.73	1.00	0.04
6.26	89.65	0.47	3.59	1.00	0.04	6.27	91.12	0.48	3.53	1.00	0.04
6.28	91.54	0.48	3.51	1.00	0.04	6.29	83.11	0.44	3.86	1.00	0.04
6.30	86.95	0.46	3.70	1.00	0.04	6.31	82.18	0.44	3.91	1.00	0.04
6.32	81.14	0.43	3.95	1.00	0.04	6.33	81.16	0.43	3.95	1.00	0.04
6.34	87.87	0.46	3.66	1.00	0.04	6.35	94.27	0.50	3.41	1.00	0.03
6.36	99.57	0.53	3.23	1.00	0.03	6.37	101.71	0.54	3.16	1.00	0.03
6.38	99.68	0.53	3.22	1.00	0.03	6.39	97.44	0.51	3.30	1.00	0.03
6.40	96.95	0.51	3.32	1.00	0.03	6.41	88.81	0.47	3.62	1.00	0.04
6.42	86.52	0.45	3.71	1.00	0.04	6.43	83.84	0.44	3.83	1.00	0.04
6.44	82.00	0.43	3.91	1.00	0.04	6.45	81.51	0.43	3.94	1.00	0.04
6.46	23.73	2.00	0.00	1.00	0.00	6.47	23.30	2.00	0.00	1.00	0.00
6.48	22.75	2.00	0.00	1.00	0.00	6.49	24.07	2.00	0.00	1.00	0.00
6.50	86.10	0.45	3.73	1.00	0.04	6.51	94.84	0.50	3.39	1.00	0.03
6.52	97.20	0.51	3.31	1.00	0.03	6.53	100.20	0.53	3.21	1.00	0.03
6.54	103.70	0.55	3.10	1.00	0.03	6.55	105.37	0.57	3.04	1.00	0.03
6.56	107.33	0.58	2.99	1.00	0.03	6.57	108.19	0.59	2.96	1.00	0.03
6.58	107.02	0.58	3.00	1.00	0.03	6.59	105.41	0.57	3.04	1.00	0.03
6.60	102.65	0.55	3.13	1.00	0.03	6.61	99.73	0.53	3.22	1.00	0.03
6.62	97.04	0.51	3.31	1.00	0.03	6.63	96.02	0.50	3.35	1.00	0.03
6.64	94.72	0.50	3.39	1.00	0.03	6.65	89.98	0.47	3.57	1.00	0.04
6.66	79.13	0.42	4.05	1.00	0.04	6.67	72.87	0.40	4.38	1.00	0.04
6.68	74.57	0.40	4.29	1.00	0.04	6.69	77.09	0.41	4.15	1.00	0.04
6.70	78.38	0.42	4.09	1.00	0.04	6.71	78.21	0.42	4.10	1.00	0.04
6.72	77.20	0.41	4.15	1.00	0.04	6.73	72.79	0.40	4.39	1.00	0.04
6.74	70.76	0.39	4.50	1.00	0.05	6.75	69.42	0.38	4.58	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	69.35	0.38	4.59	1.00	0.05	6.77	70.06	0.39	4.55	1.00	0.05
6.78	71.25	0.39	4.47	1.00	0.04	6.79	72.06	0.39	4.43	1.00	0.04
6.80	71.52	0.39	4.46	1.00	0.04	6.81	70.17	0.39	4.54	1.00	0.05
6.82	70.35	0.39	4.53	1.00	0.05	6.83	71.65	0.39	4.45	1.00	0.04
6.84	73.67	0.40	4.34	1.00	0.04	6.85	77.44	0.41	4.14	1.00	0.04
6.86	84.12	0.44	3.82	1.00	0.04	6.87	90.82	0.47	3.54	1.00	0.04
6.88	95.66	0.50	3.36	1.00	0.03	6.89	98.54	0.52	3.26	1.00	0.03
6.90	98.60	0.52	3.26	1.00	0.03	6.91	103.40	0.55	3.10	1.00	0.03
6.92	123.17	0.74	2.58	1.00	0.03	6.93	129.93	0.84	1.79	1.00	0.02
6.94	134.53	0.93	1.26	1.00	0.01	6.95	137.98	1.00	0.99	1.00	0.01
6.96	139.66	1.04	0.89	1.00	0.01	6.97	140.90	1.07	0.81	1.00	0.01
6.98	141.80	1.10	0.76	1.00	0.01	6.99	140.41	1.06	0.84	1.00	0.01
7.00	137.92	1.00	1.00	1.00	0.01	7.01	132.10	0.88	1.51	1.00	0.02
7.02	129.92	0.84	1.79	1.00	0.02	7.03	128.52	0.82	2.01	1.00	0.02
7.04	126.11	0.78	2.52	1.00	0.03	7.05	125.26	0.77	2.54	1.00	0.03
7.06	124.74	0.76	2.55	1.00	0.03	7.07	124.34	0.76	2.56	1.00	0.03
7.08	123.93	0.75	2.56	1.00	0.03	7.09	123.30	0.74	2.58	1.00	0.03
7.10	122.56	0.73	2.60	1.00	0.03	7.11	121.15	0.72	2.63	1.00	0.03
7.12	116.36	0.66	2.74	1.00	0.03	7.13	112.46	0.62	2.84	1.00	0.03
7.14	107.97	0.59	2.97	1.00	0.03	7.15	102.60	0.55	3.13	1.00	0.03
7.16	96.97	0.51	3.32	1.00	0.03	7.17	95.78	0.50	3.36	1.00	0.03
7.18	100.63	0.53	3.19	1.00	0.03	7.19	109.48	0.60	2.93	1.00	0.03
7.20	99.40	0.52	3.23	1.00	0.03	7.21	96.17	0.50	3.34	1.00	0.03
7.22	92.53	0.48	3.48	1.00	0.03	7.23	88.90	0.46	3.62	1.00	0.04
7.24	85.65	0.45	3.75	1.00	0.04	7.25	24.15	2.00	0.00	1.00	0.00
7.26	21.86	2.00	0.00	1.00	0.00	7.27	19.81	2.00	0.00	1.00	0.00
7.28	18.27	2.00	0.00	1.00	0.00	7.29	17.36	2.00	0.00	1.00	0.00
7.30	15.57	2.00	0.00	1.00	0.00	7.31	15.05	2.00	0.00	1.00	0.00
7.32	14.53	2.00	0.00	1.00	0.00	7.33	14.27	2.00	0.00	1.00	0.00
7.34	14.26	2.00	0.00	1.00	0.00	7.35	15.01	2.00	0.00	1.00	0.00
7.36	17.05	2.00	0.00	1.00	0.00	7.37	23.70	2.00	0.00	1.00	0.00
7.38	22.18	2.00	0.00	1.00	0.00	7.39	15.74	2.00	0.00	1.00	0.00
7.40	13.05	2.00	0.00	1.00	0.00	7.41	12.79	2.00	0.00	1.00	0.00
7.42	12.52	2.00	0.00	1.00	0.00	7.43	12.26	2.00	0.00	1.00	0.00
7.44	11.87	2.00	0.00	1.00	0.00	7.45	11.48	2.00	0.00	1.00	0.00
7.46	11.09	2.00	0.00	1.00	0.00	7.47	10.95	2.00	0.00	1.00	0.00
7.48	10.69	2.00	0.00	1.00	0.00	7.49	10.55	2.00	0.00	1.00	0.00
7.50	10.55	2.00	0.00	1.00	0.00	7.51	10.67	2.00	0.00	1.00	0.00
7.52	10.79	2.00	0.00	1.00	0.00	7.53	10.91	2.00	0.00	1.00	0.00
7.54	10.77	2.00	0.00	1.00	0.00	7.55	10.89	2.00	0.00	1.00	0.00
7.56	10.89	2.00	0.00	1.00	0.00	7.57	10.88	2.00	0.00	1.00	0.00
7.58	10.87	2.00	0.00	1.00	0.00	7.59	10.74	2.00	0.00	1.00	0.00
7.60	10.61	2.00	0.00	1.00	0.00	7.61	10.60	2.00	0.00	1.00	0.00
7.62	10.72	2.00	0.00	1.00	0.00	7.63	10.84	2.00	0.00	1.00	0.00
7.64	10.83	2.00	0.00	1.00	0.00	7.65	10.82	2.00	0.00	1.00	0.00
7.66	7.26	2.00	0.00	1.00	0.00	7.67	10.81	2.00	0.00	1.00	0.00
7.68	11.05	2.00	0.00	1.00	0.00	7.69	11.42	2.00	0.00	1.00	0.00
7.70	11.67	2.00	0.00	1.00	0.00	7.71	12.29	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	12.53	2.00	0.00	1.00	0.00	7.73	12.65	2.00	0.00	1.00	0.00
7.74	12.64	2.00	0.00	1.00	0.00	7.75	12.76	2.00	0.00	1.00	0.00
7.76	12.75	2.00	0.00	1.00	0.00	7.77	12.49	2.00	0.00	1.00	0.00
7.78	12.11	2.00	0.00	1.00	0.00	7.79	11.72	2.00	0.00	1.00	0.00
7.80	11.22	2.00	0.00	1.00	0.00	7.81	10.96	2.00	0.00	1.00	0.00
7.82	10.83	2.00	0.00	1.00	0.00	7.83	10.44	2.00	0.00	1.00	0.00
7.84	10.44	2.00	0.00	1.00	0.00	7.85	10.80	2.00	0.00	1.00	0.00
7.86	11.17	2.00	0.00	1.00	0.00	7.87	11.66	2.00	0.00	1.00	0.00
7.88	12.40	2.00	0.00	1.00	0.00	7.89	13.51	2.00	0.00	1.00	0.00
7.90	14.99	2.00	0.00	1.00	0.00	7.91	17.33	2.00	0.00	1.00	0.00
7.92	20.15	2.00	0.00	1.00	0.00	7.93	84.93	0.45	3.78	1.00	0.04
7.94	87.58	0.46	3.67	1.00	0.04	7.95	90.41	0.47	3.56	1.00	0.04
7.96	91.71	0.48	3.51	1.00	0.04	7.97	92.11	0.48	3.49	1.00	0.03
7.98	91.54	0.48	3.51	1.00	0.04	7.99	90.69	0.47	3.55	1.00	0.04
8.00	89.99	0.47	3.57	1.00	0.04	8.01	85.21	0.45	3.77	1.00	0.04
8.02	85.14	0.45	3.77	1.00	0.04	8.03	84.70	0.44	3.79	1.00	0.04
8.04	85.45	0.45	3.76	1.00	0.04	8.05	86.40	0.45	3.72	1.00	0.04
8.06	87.41	0.46	3.68	1.00	0.04	8.07	88.76	0.46	3.62	1.00	0.04
8.08	90.03	0.47	3.57	1.00	0.04	8.09	95.52	0.50	3.37	1.00	0.03
8.10	96.07	0.50	3.35	1.00	0.03	8.11	96.54	0.51	3.33	1.00	0.03
8.12	96.51	0.51	3.33	1.00	0.03	8.13	96.58	0.51	3.33	1.00	0.03
8.14	96.87	0.51	3.32	1.00	0.03	8.15	96.97	0.51	3.32	1.00	0.03
8.16	96.82	0.51	3.32	1.00	0.03	8.17	94.28	0.49	3.41	1.00	0.03
8.18	92.32	0.48	3.48	1.00	0.03	8.19	89.38	0.47	3.60	1.00	0.04
8.20	85.97	0.45	3.74	1.00	0.04	8.21	83.47	0.44	3.85	1.00	0.04
8.22	81.14	0.43	3.95	1.00	0.04	8.23	80.23	0.43	4.00	1.00	0.04
8.24	79.09	0.42	4.05	1.00	0.04	8.25	21.18	2.00	0.00	1.00	0.00
8.26	17.56	2.00	0.00	1.00	0.00	8.27	16.09	2.00	0.00	1.00	0.00
8.28	15.11	2.00	0.00	1.00	0.00	8.29	14.37	2.00	0.00	1.00	0.00
8.30	13.76	2.00	0.00	1.00	0.00	8.31	13.27	2.00	0.00	1.00	0.00
8.32	13.14	2.00	0.00	1.00	0.00	8.33	13.01	2.00	0.00	1.00	0.00
8.34	13.13	2.00	0.00	1.00	0.00	8.35	13.25	2.00	0.00	1.00	0.00
8.36	13.24	2.00	0.00	1.00	0.00	8.37	13.36	2.00	0.00	1.00	0.00
8.38	13.59	2.00	0.00	1.00	0.00	8.39	13.58	2.00	0.00	1.00	0.00
8.40	13.58	2.00	0.00	1.00	0.00	8.41	13.57	2.00	0.00	1.00	0.00
8.42	13.20	2.00	0.00	1.00	0.00	8.43	12.71	2.00	0.00	1.00	0.00
8.44	12.46	2.00	0.00	1.00	0.00	8.45	12.21	2.00	0.00	1.00	0.00
8.46	11.96	2.00	0.00	1.00	0.00	8.47	11.71	2.00	0.00	1.00	0.00
8.48	11.46	2.00	0.00	1.00	0.00	8.49	11.46	2.00	0.00	1.00	0.00
8.50	11.33	2.00	0.00	1.00	0.00	8.51	11.32	2.00	0.00	1.00	0.00
8.52	11.55	2.00	0.00	1.00	0.00	8.53	11.67	2.00	0.00	1.00	0.00
8.54	11.78	2.00	0.00	1.00	0.00	8.55	11.89	2.00	0.00	1.00	0.00
8.56	12.00	2.00	0.00	1.00	0.00	8.57	12.12	2.00	0.00	1.00	0.00
8.58	12.35	2.00	0.00	1.00	0.00	8.59	12.58	2.00	0.00	1.00	0.00
8.60	12.57	2.00	0.00	1.00	0.00	8.61	12.80	2.00	0.00	1.00	0.00
8.62	12.79	2.00	0.00	1.00	0.00	8.63	12.79	2.00	0.00	1.00	0.00
8.64	12.78	2.00	0.00	1.00	0.00	8.65	12.77	2.00	0.00	1.00	0.00
8.66	7.04	2.00	0.00	1.00	0.00	8.67	7.15	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	12.63	2.00	0.00	1.00	0.00	8.69	12.62	2.00	0.00	1.00	0.00
8.70	12.62	2.00	0.00	1.00	0.00	8.71	12.61	2.00	0.00	1.00	0.00
8.72	12.48	2.00	0.00	1.00	0.00	8.73	12.36	2.00	0.00	1.00	0.00
8.74	12.35	2.00	0.00	1.00	0.00	8.75	12.34	2.00	0.00	1.00	0.00
8.76	12.10	2.00	0.00	1.00	0.00	8.77	11.86	2.00	0.00	1.00	0.00
8.78	11.61	2.00	0.00	1.00	0.00	8.79	11.49	2.00	0.00	1.00	0.00
8.80	11.48	2.00	0.00	1.00	0.00	8.81	11.47	2.00	0.00	1.00	0.00
8.82	11.47	2.00	0.00	1.00	0.00	8.83	11.34	2.00	0.00	1.00	0.00
8.84	11.10	2.00	0.00	1.00	0.00	8.85	10.98	2.00	0.00	1.00	0.00
8.86	10.62	2.00	0.00	1.00	0.00	8.87	10.73	2.00	0.00	1.00	0.00
8.88	10.84	2.00	0.00	1.00	0.00	8.89	10.95	2.00	0.00	1.00	0.00
8.90	11.06	2.00	0.00	1.00	0.00	8.91	11.29	2.00	0.00	1.00	0.00
8.92	11.63	2.00	0.00	1.00	0.00	8.93	11.86	2.00	0.00	1.00	0.00
8.94	12.20	2.00	0.00	1.00	0.00	8.95	12.43	2.00	0.00	1.00	0.00
8.96	12.66	2.00	0.00	1.00	0.00	8.97	12.88	2.00	0.00	1.00	0.00
8.98	12.99	2.00	0.00	1.00	0.00	8.99	13.10	2.00	0.00	1.00	0.00
9.00	12.74	2.00	0.00	1.00	0.00	9.01	12.39	2.00	0.00	1.00	0.00
9.02	12.50	2.00	0.00	1.00	0.00	9.03	12.61	2.00	0.00	1.00	0.00
9.04	12.60	2.00	0.00	1.00	0.00	9.05	12.71	2.00	0.00	1.00	0.00
9.06	12.58	2.00	0.00	1.00	0.00	9.07	12.69	2.00	0.00	1.00	0.00
9.08	12.91	2.00	0.00	1.00	0.00	9.09	13.25	2.00	0.00	1.00	0.00
9.10	13.48	2.00	0.00	1.00	0.00	9.11	13.58	2.00	0.00	1.00	0.00
9.12	13.69	2.00	0.00	1.00	0.00	9.13	13.80	2.00	0.00	1.00	0.00
9.14	13.68	2.00	0.00	1.00	0.00	9.15	13.55	2.00	0.00	1.00	0.00
9.16	13.43	2.00	0.00	1.00	0.00	9.17	13.08	2.00	0.00	1.00	0.00
9.18	12.84	2.00	0.00	1.00	0.00	9.19	12.95	2.00	0.00	1.00	0.00
9.20	12.71	2.00	0.00	1.00	0.00	9.21	12.70	2.00	0.00	1.00	0.00
9.22	12.12	2.00	0.00	1.00	0.00	9.23	11.88	2.00	0.00	1.00	0.00
9.24	11.76	2.00	0.00	1.00	0.00	9.25	11.87	2.00	0.00	1.00	0.00
9.26	11.98	2.00	0.00	1.00	0.00	9.27	11.97	2.00	0.00	1.00	0.00
9.28	11.73	2.00	0.00	1.00	0.00	9.29	11.61	2.00	0.00	1.00	0.00
9.30	11.49	2.00	0.00	1.00	0.00	9.31	11.48	2.00	0.00	1.00	0.00
9.32	11.36	2.00	0.00	1.00	0.00	9.33	11.24	2.00	0.00	1.00	0.00
9.34	11.12	2.00	0.00	1.00	0.00	9.35	11.11	2.00	0.00	1.00	0.00
9.36	11.11	2.00	0.00	1.00	0.00	9.37	10.99	2.00	0.00	1.00	0.00
9.38	10.87	2.00	0.00	1.00	0.00	9.39	10.86	2.00	0.00	1.00	0.00
9.40	11.08	2.00	0.00	1.00	0.00	9.41	11.31	2.00	0.00	1.00	0.00
9.42	11.53	2.00	0.00	1.00	0.00	9.43	11.63	2.00	0.00	1.00	0.00
9.44	11.85	2.00	0.00	1.00	0.00	9.45	11.96	2.00	0.00	1.00	0.00
9.46	11.96	2.00	0.00	1.00	0.00	9.47	12.06	2.00	0.00	1.00	0.00
9.48	12.28	2.00	0.00	1.00	0.00	9.49	12.39	2.00	0.00	1.00	0.00
9.50	12.50	2.00	0.00	1.00	0.00	9.51	12.60	2.00	0.00	1.00	0.00
9.52	12.71	2.00	0.00	1.00	0.00	9.53	12.93	2.00	0.00	1.00	0.00
9.54	13.15	2.00	0.00	1.00	0.00	9.55	13.14	2.00	0.00	1.00	0.00
9.56	13.13	2.00	0.00	1.00	0.00	9.57	13.12	2.00	0.00	1.00	0.00
9.58	13.00	2.00	0.00	1.00	0.00	9.59	13.00	2.00	0.00	1.00	0.00
9.60	12.99	2.00	0.00	1.00	0.00	9.61	13.09	2.00	0.00	1.00	0.00
9.62	13.20	2.00	0.00	1.00	0.00	9.63	13.30	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	13.30	2.00	0.00	1.00	0.00	9.65	13.29	2.00	0.00	1.00	0.00
9.66	11.48	2.00	0.00	1.00	0.00	9.67	12.94	2.00	0.00	1.00	0.00
9.68	13.04	2.00	0.00	1.00	0.00	9.69	13.03	2.00	0.00	1.00	0.00
9.70	13.14	2.00	0.00	1.00	0.00	9.71	13.13	2.00	0.00	1.00	0.00
9.72	13.12	2.00	0.00	1.00	0.00	9.73	13.00	2.00	0.00	1.00	0.00
9.74	12.77	2.00	0.00	1.00	0.00	9.75	12.65	2.00	0.00	1.00	0.00
9.76	12.54	2.00	0.00	1.00	0.00	9.77	12.53	2.00	0.00	1.00	0.00
9.78	12.52	2.00	0.00	1.00	0.00	9.79	12.40	2.00	0.00	1.00	0.00
9.80	12.17	2.00	0.00	1.00	0.00	9.81	11.94	2.00	0.00	1.00	0.00
9.82	11.94	2.00	0.00	1.00	0.00	9.83	11.82	2.00	0.00	1.00	0.00
9.84	11.70	2.00	0.00	1.00	0.00	9.85	11.47	2.00	0.00	1.00	0.00
9.86	11.24	2.00	0.00	1.00	0.00	9.87	11.24	2.00	0.00	1.00	0.00
9.88	11.23	2.00	0.00	1.00	0.00	9.89	11.11	2.00	0.00	1.00	0.00
9.90	11.00	2.00	0.00	1.00	0.00	9.91	10.99	2.00	0.00	1.00	0.00
9.92	10.98	2.00	0.00	1.00	0.00	9.93	10.98	2.00	0.00	1.00	0.00
9.94	10.86	2.00	0.00	1.00	0.00	9.95	10.85	2.00	0.00	1.00	0.00
9.96	10.85	2.00	0.00	1.00	0.00	9.97	10.84	2.00	0.00	1.00	0.00
9.98	10.73	2.00	0.00	1.00	0.00	9.99	10.83	2.00	0.00	1.00	0.00
10.00	10.94	2.00	0.00	1.00	0.00	10.01	11.26	2.00	0.00	1.00	0.00
10.02	11.37	2.00	0.00	1.00	0.00	10.03	11.47	2.00	0.00	1.00	0.00
10.04	11.57	2.00	0.00	1.00	0.00	10.05	11.57	2.00	0.00	1.00	0.00
10.06	11.89	2.00	0.00	1.00	0.00	10.07	12.00	2.00	0.00	1.00	0.00
10.08	11.99	2.00	0.00	1.00	0.00	10.09	11.98	2.00	0.00	1.00	0.00
10.10	11.87	2.00	0.00	1.00	0.00	10.11	11.86	2.00	0.00	1.00	0.00
10.12	11.96	2.00	0.00	1.00	0.00	10.13	11.85	2.00	0.00	1.00	0.00
10.14	11.95	2.00	0.00	1.00	0.00	10.15	12.05	2.00	0.00	1.00	0.00
10.16	12.16	2.00	0.00	1.00	0.00	10.17	12.15	2.00	0.00	1.00	0.00
10.18	12.36	2.00	0.00	1.00	0.00	10.19	12.35	2.00	0.00	1.00	0.00
10.20	12.35	2.00	0.00	1.00	0.00	10.21	12.34	2.00	0.00	1.00	0.00
10.22	12.33	2.00	0.00	1.00	0.00	10.23	12.33	2.00	0.00	1.00	0.00
10.24	12.32	2.00	0.00	1.00	0.00	10.25	12.31	2.00	0.00	1.00	0.00
10.26	12.31	2.00	0.00	1.00	0.00	10.27	12.41	2.00	0.00	1.00	0.00
10.28	12.62	2.00	0.00	1.00	0.00	10.29	12.72	2.00	0.00	1.00	0.00
10.30	12.82	2.00	0.00	1.00	0.00	10.31	12.71	2.00	0.00	1.00	0.00
10.32	12.92	2.00	0.00	1.00	0.00	10.33	13.24	2.00	0.00	1.00	0.00
10.34	13.34	2.00	0.00	1.00	0.00	10.35	13.44	2.00	0.00	1.00	0.00
10.36	13.65	2.00	0.00	1.00	0.00	10.37	13.86	2.00	0.00	1.00	0.00
10.38	14.18	2.00	0.00	1.00	0.00	10.39	14.38	2.00	0.00	1.00	0.00
10.40	14.59	2.00	0.00	1.00	0.00	10.41	14.80	2.00	0.00	1.00	0.00
10.42	15.01	2.00	0.00	1.00	0.00	10.43	15.00	2.00	0.00	1.00	0.00
10.44	14.88	2.00	0.00	1.00	0.00	10.45	14.77	2.00	0.00	1.00	0.00
10.46	14.76	2.00	0.00	1.00	0.00	10.47	14.86	2.00	0.00	1.00	0.00
10.48	14.85	2.00	0.00	1.00	0.00	10.49	14.95	2.00	0.00	1.00	0.00
10.50	14.83	2.00	0.00	1.00	0.00	10.51	14.72	2.00	0.00	1.00	0.00
10.52	14.71	2.00	0.00	1.00	0.00	10.53	14.70	2.00	0.00	1.00	0.00
10.54	14.59	2.00	0.00	1.00	0.00	10.55	14.47	2.00	0.00	1.00	0.00
10.56	14.36	2.00	0.00	1.00	0.00	10.57	14.24	2.00	0.00	1.00	0.00
10.58	14.13	2.00	0.00	1.00	0.00	10.59	14.02	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	14.11	2.00	0.00	1.00	0.00	10.61	14.11	2.00	0.00	1.00	0.00
10.62	13.99	2.00	0.00	1.00	0.00	10.63	14.09	2.00	0.00	1.00	0.00
10.64	14.08	2.00	0.00	1.00	0.00	10.65	14.08	2.00	0.00	1.00	0.00
10.66	12.68	2.00	0.00	1.00	0.00	10.67	14.38	2.00	0.00	1.00	0.00
10.68	14.59	2.00	0.00	1.00	0.00	10.69	14.79	2.00	0.00	1.00	0.00
10.70	15.10	2.00	0.00	1.00	0.00	10.71	15.31	2.00	0.00	1.00	0.00
10.72	15.62	2.00	0.00	1.00	0.00	10.73	15.82	2.00	0.00	1.00	0.00
10.74	16.13	2.00	0.00	1.00	0.00	10.75	16.44	2.00	0.00	1.00	0.00
10.76	16.43	2.00	0.00	1.00	0.00	10.77	16.32	2.00	0.00	1.00	0.00
10.78	16.41	2.00	0.00	1.00	0.00	10.79	16.19	2.00	0.00	1.00	0.00
10.80	15.87	2.00	0.00	1.00	0.00	10.81	15.54	2.00	0.00	1.00	0.00
10.82	15.22	2.00	0.00	1.00	0.00	10.83	15.00	2.00	0.00	1.00	0.00
10.84	14.78	2.00	0.00	1.00	0.00	10.85	14.67	2.00	0.00	1.00	0.00
10.86	14.45	2.00	0.00	1.00	0.00	10.87	14.34	2.00	0.00	1.00	0.00
10.88	13.91	2.00	0.00	1.00	0.00	10.89	13.79	2.00	0.00	1.00	0.00
10.90	13.79	2.00	0.00	1.00	0.00	10.91	13.78	2.00	0.00	1.00	0.00
10.92	13.88	2.00	0.00	1.00	0.00	10.93	13.87	2.00	0.00	1.00	0.00
10.94	13.86	2.00	0.00	1.00	0.00	10.95	13.75	2.00	0.00	1.00	0.00
10.96	13.53	2.00	0.00	1.00	0.00	10.97	13.53	2.00	0.00	1.00	0.00
10.98	13.31	2.00	0.00	1.00	0.00	10.99	13.20	2.00	0.00	1.00	0.00
11.00	13.08	2.00	0.00	1.00	0.00	11.01	12.97	2.00	0.00	1.00	0.00
11.02	12.86	2.00	0.00	1.00	0.00	11.03	12.65	2.00	0.00	1.00	0.00
11.04	12.43	2.00	0.00	1.00	0.00	11.05	12.21	2.00	0.00	1.00	0.00
11.06	12.10	2.00	0.00	1.00	0.00	11.07	12.20	2.00	0.00	1.00	0.00
11.08	12.30	2.00	0.00	1.00	0.00	11.09	12.08	2.00	0.00	1.00	0.00
11.10	11.97	2.00	0.00	1.00	0.00	11.11	11.86	2.00	0.00	1.00	0.00
11.12	11.65	2.00	0.00	1.00	0.00	11.13	11.33	2.00	0.00	1.00	0.00
11.14	11.11	2.00	0.00	1.00	0.00	11.15	11.32	2.00	0.00	1.00	0.00
11.16	11.21	2.00	0.00	1.00	0.00	11.17	10.99	2.00	0.00	1.00	0.00
11.18	10.78	2.00	0.00	1.00	0.00	11.19	10.67	2.00	0.00	1.00	0.00
11.20	10.56	2.00	0.00	1.00	0.00	11.21	10.45	2.00	0.00	1.00	0.00
11.22	10.45	2.00	0.00	1.00	0.00	11.23	10.34	2.00	0.00	1.00	0.00
11.24	10.12	2.00	0.00	1.00	0.00	11.25	10.12	2.00	0.00	1.00	0.00
11.26	10.01	2.00	0.00	1.00	0.00	11.27	9.80	2.00	0.00	1.00	0.00
11.28	9.79	2.00	0.00	1.00	0.00	11.29	10.00	2.00	0.00	1.00	0.00
11.30	9.99	2.00	0.00	1.00	0.00	11.31	10.09	2.00	0.00	1.00	0.00
11.32	10.19	2.00	0.00	1.00	0.00	11.33	9.98	2.00	0.00	1.00	0.00
11.34	9.97	2.00	0.00	1.00	0.00	11.35	9.86	2.00	0.00	1.00	0.00
11.36	9.76	2.00	0.00	1.00	0.00	11.37	9.65	2.00	0.00	1.00	0.00
11.38	9.64	2.00	0.00	1.00	0.00	11.39	9.64	2.00	0.00	1.00	0.00
11.40	9.43	2.00	0.00	1.00	0.00	11.41	9.42	2.00	0.00	1.00	0.00
11.42	9.42	2.00	0.00	1.00	0.00	11.43	9.41	2.00	0.00	1.00	0.00
11.44	9.41	2.00	0.00	1.00	0.00	11.45	9.51	2.00	0.00	1.00	0.00
11.46	9.50	2.00	0.00	1.00	0.00	11.47	9.50	2.00	0.00	1.00	0.00
11.48	9.49	2.00	0.00	1.00	0.00	11.49	9.49	2.00	0.00	1.00	0.00
11.50	9.49	2.00	0.00	1.00	0.00	11.51	9.48	2.00	0.00	1.00	0.00
11.52	9.48	2.00	0.00	1.00	0.00	11.53	9.47	2.00	0.00	1.00	0.00
11.54	9.47	2.00	0.00	1.00	0.00	11.55	9.46	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	9.36	2.00	0.00	1.00	0.00	11.57	9.15	2.00	0.00	1.00	0.00
11.58	9.04	2.00	0.00	1.00	0.00	11.59	9.04	2.00	0.00	1.00	0.00
11.60	9.03	2.00	0.00	1.00	0.00	11.61	9.13	2.00	0.00	1.00	0.00
11.62	9.23	2.00	0.00	1.00	0.00	11.63	9.33	2.00	0.00	1.00	0.00
11.64	9.32	2.00	0.00	1.00	0.00	11.65	9.32	2.00	0.00	1.00	0.00
11.66	7.98	2.00	0.00	1.00	0.00	11.67	9.31	2.00	0.00	1.00	0.00
11.68	9.51	2.00	0.00	1.00	0.00	11.69	9.61	2.00	0.00	1.00	0.00
11.70	9.70	2.00	0.00	1.00	0.00	11.71	9.70	2.00	0.00	1.00	0.00
11.72	9.69	2.00	0.00	1.00	0.00	11.73	9.79	2.00	0.00	1.00	0.00
11.74	9.79	2.00	0.00	1.00	0.00	11.75	9.48	2.00	0.00	1.00	0.00
11.76	9.47	2.00	0.00	1.00	0.00	11.77	9.47	2.00	0.00	1.00	0.00
11.78	9.56	2.00	0.00	1.00	0.00	11.79	9.66	2.00	0.00	1.00	0.00
11.80	9.76	2.00	0.00	1.00	0.00	11.81	9.75	2.00	0.00	1.00	0.00
11.82	9.75	2.00	0.00	1.00	0.00	11.83	9.85	2.00	0.00	1.00	0.00
11.84	10.15	2.00	0.00	1.00	0.00	11.85	10.24	2.00	0.00	1.00	0.00
11.86	10.44	2.00	0.00	1.00	0.00	11.87	10.54	2.00	0.00	1.00	0.00
11.88	10.73	2.00	0.00	1.00	0.00	11.89	10.73	2.00	0.00	1.00	0.00
11.90	10.82	2.00	0.00	1.00	0.00	11.91	10.92	2.00	0.00	1.00	0.00
11.92	11.12	2.00	0.00	1.00	0.00	11.93	11.31	2.00	0.00	1.00	0.00
11.94	12.01	2.00	0.00	1.00	0.00	11.95	12.31	2.00	0.00	1.00	0.00
11.96	12.61	2.00	0.00	1.00	0.00	11.97	12.80	2.00	0.00	1.00	0.00
11.98	13.00	2.00	0.00	1.00	0.00	11.99	13.19	2.00	0.00	1.00	0.00
12.00	13.39	2.00	0.00	1.00	0.00	12.01	13.48	2.00	0.00	1.00	0.00
12.02	13.58	2.00	0.00	1.00	0.00	12.03	13.57	2.00	0.00	1.00	0.00
12.04	13.56	2.00	0.00	1.00	0.00	12.05	13.56	2.00	0.00	1.00	0.00
12.06	13.45	2.00	0.00	1.00	0.00	12.07	13.34	2.00	0.00	1.00	0.00
12.08	13.24	2.00	0.00	1.00	0.00	12.09	12.73	2.00	0.00	1.00	0.00
12.10	12.52	2.00	0.00	1.00	0.00	12.11	12.32	2.00	0.00	1.00	0.00
12.12	12.21	2.00	0.00	1.00	0.00	12.13	12.21	2.00	0.00	1.00	0.00
12.14	12.20	2.00	0.00	1.00	0.00	12.15	12.00	2.00	0.00	1.00	0.00
12.16	11.89	2.00	0.00	1.00	0.00	12.17	11.68	2.00	0.00	1.00	0.00
12.18	11.48	2.00	0.00	1.00	0.00	12.19	11.28	2.00	0.00	1.00	0.00
12.20	11.17	2.00	0.00	1.00	0.00	12.21	11.16	2.00	0.00	1.00	0.00
12.22	11.06	2.00	0.00	1.00	0.00	12.23	10.96	2.00	0.00	1.00	0.00
12.24	10.85	2.00	0.00	1.00	0.00	12.25	10.85	2.00	0.00	1.00	0.00
12.26	10.84	2.00	0.00	1.00	0.00	12.27	10.64	2.00	0.00	1.00	0.00
12.28	10.43	2.00	0.00	1.00	0.00	12.29	10.23	2.00	0.00	1.00	0.00
12.30	10.23	2.00	0.00	1.00	0.00	12.31	10.32	2.00	0.00	1.00	0.00
12.32	10.32	2.00	0.00	1.00	0.00	12.33	10.31	2.00	0.00	1.00	0.00
12.34	10.31	2.00	0.00	1.00	0.00	12.35	10.30	2.00	0.00	1.00	0.00
12.36	10.20	2.00	0.00	1.00	0.00	12.37	10.09	2.00	0.00	1.00	0.00
12.38	10.09	2.00	0.00	1.00	0.00	12.39	10.08	2.00	0.00	1.00	0.00
12.40	9.98	2.00	0.00	1.00	0.00	12.41	10.08	2.00	0.00	1.00	0.00
12.42	9.97	2.00	0.00	1.00	0.00	12.43	9.87	2.00	0.00	1.00	0.00
12.44	9.86	2.00	0.00	1.00	0.00	12.45	9.86	2.00	0.00	1.00	0.00
12.46	9.95	2.00	0.00	1.00	0.00	12.47	9.95	2.00	0.00	1.00	0.00
12.48	9.85	2.00	0.00	1.00	0.00	12.49	9.84	2.00	0.00	1.00	0.00
12.50	9.74	2.00	0.00	1.00	0.00	12.51	9.64	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	9.63	2.00	0.00	1.00	0.00	12.53	9.73	2.00	0.00	1.00	0.00
12.54	9.62	2.00	0.00	1.00	0.00	12.55	9.72	2.00	0.00	1.00	0.00
12.56	9.71	2.00	0.00	1.00	0.00	12.57	9.61	2.00	0.00	1.00	0.00
12.58	9.61	2.00	0.00	1.00	0.00	12.59	9.60	2.00	0.00	1.00	0.00
12.60	9.50	2.00	0.00	1.00	0.00	12.61	9.50	2.00	0.00	1.00	0.00
12.62	9.59	2.00	0.00	1.00	0.00	12.63	9.59	2.00	0.00	1.00	0.00
12.64	9.58	2.00	0.00	1.00	0.00	12.65	9.58	2.00	0.00	1.00	0.00
12.66	8.79	2.00	0.00	1.00	0.00	12.67	9.37	2.00	0.00	1.00	0.00
12.68	9.57	2.00	0.00	1.00	0.00	12.69	9.85	2.00	0.00	1.00	0.00
12.70	10.05	2.00	0.00	1.00	0.00	12.71	10.14	2.00	0.00	1.00	0.00
12.72	10.23	2.00	0.00	1.00	0.00	12.73	10.62	2.00	0.00	1.00	0.00
12.74	10.61	2.00	0.00	1.00	0.00	12.75	10.71	2.00	0.00	1.00	0.00
12.76	10.70	2.00	0.00	1.00	0.00	12.77	10.79	2.00	0.00	1.00	0.00
12.78	10.79	2.00	0.00	1.00	0.00	12.79	11.08	2.00	0.00	1.00	0.00
12.80	11.07	2.00	0.00	1.00	0.00	12.81	11.26	2.00	0.00	1.00	0.00
12.82	11.45	2.00	0.00	1.00	0.00	12.83	11.35	2.00	0.00	1.00	0.00
12.84	11.34	2.00	0.00	1.00	0.00	12.85	11.34	2.00	0.00	1.00	0.00
12.86	11.43	2.00	0.00	1.00	0.00	12.87	11.33	2.00	0.00	1.00	0.00
12.88	11.23	2.00	0.00	1.00	0.00	12.89	11.13	2.00	0.00	1.00	0.00
12.90	11.02	2.00	0.00	1.00	0.00	12.91	10.92	2.00	0.00	1.00	0.00
12.92	10.82	2.00	0.00	1.00	0.00	12.93	10.82	2.00	0.00	1.00	0.00
12.94	10.91	2.00	0.00	1.00	0.00	12.95	10.81	2.00	0.00	1.00	0.00
12.96	10.80	2.00	0.00	1.00	0.00	12.97	10.70	2.00	0.00	1.00	0.00
12.98	10.60	2.00	0.00	1.00	0.00	12.99	10.79	2.00	0.00	1.00	0.00
13.00	10.98	2.00	0.00	1.00	0.00	13.01	11.07	2.00	0.00	1.00	0.00
13.02	11.16	2.00	0.00	1.00	0.00	13.03	11.15	2.00	0.00	1.00	0.00
13.04	11.25	2.00	0.00	1.00	0.00	13.05	11.34	2.00	0.00	1.00	0.00
13.06	11.24	2.00	0.00	1.00	0.00	13.07	11.23	2.00	0.00	1.00	0.00
13.08	11.32	2.00	0.00	1.00	0.00	13.09	11.13	2.00	0.00	1.00	0.00
13.10	10.93	2.00	0.00	1.00	0.00	13.11	10.92	2.00	0.00	1.00	0.00
13.12	10.82	2.00	0.00	1.00	0.00	13.13	10.91	2.00	0.00	1.00	0.00
13.14	11.01	2.00	0.00	1.00	0.00	13.15	11.00	2.00	0.00	1.00	0.00
13.16	10.90	2.00	0.00	1.00	0.00	13.17	10.99	2.00	0.00	1.00	0.00
13.18	11.08	2.00	0.00	1.00	0.00	13.19	11.27	2.00	0.00	1.00	0.00
13.20	11.46	2.00	0.00	1.00	0.00	13.21	11.45	2.00	0.00	1.00	0.00
13.22	11.45	2.00	0.00	1.00	0.00	13.23	11.25	2.00	0.00	1.00	0.00
13.24	11.05	2.00	0.00	1.00	0.00	13.25	10.95	2.00	0.00	1.00	0.00
13.26	11.04	2.00	0.00	1.00	0.00	13.27	11.04	2.00	0.00	1.00	0.00
13.28	10.94	2.00	0.00	1.00	0.00	13.29	10.65	2.00	0.00	1.00	0.00
13.30	10.55	2.00	0.00	1.00	0.00	13.31	10.45	2.00	0.00	1.00	0.00
13.32	10.35	2.00	0.00	1.00	0.00	13.33	10.25	2.00	0.00	1.00	0.00
13.34	10.34	2.00	0.00	1.00	0.00	13.35	10.34	2.00	0.00	1.00	0.00
13.36	10.33	2.00	0.00	1.00	0.00	13.37	10.33	2.00	0.00	1.00	0.00
13.38	10.42	2.00	0.00	1.00	0.00	13.39	10.41	2.00	0.00	1.00	0.00
13.40	10.50	2.00	0.00	1.00	0.00	13.41	10.41	2.00	0.00	1.00	0.00
13.42	10.40	2.00	0.00	1.00	0.00	13.43	10.49	2.00	0.00	1.00	0.00
13.44	10.58	2.00	0.00	1.00	0.00	13.45	10.58	2.00	0.00	1.00	0.00
13.46	10.76	2.00	0.00	1.00	0.00	13.47	10.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	10.94	2.00	0.00	1.00	0.00	13.49	10.94	2.00	0.00	1.00	0.00
13.50	10.84	2.00	0.00	1.00	0.00	13.51	11.02	2.00	0.00	1.00	0.00
13.52	11.21	2.00	0.00	1.00	0.00	13.53	11.39	2.00	0.00	1.00	0.00
13.54	11.58	2.00	0.00	1.00	0.00	13.55	11.57	2.00	0.00	1.00	0.00
13.56	11.57	2.00	0.00	1.00	0.00	13.57	11.47	2.00	0.00	1.00	0.00
13.58	11.37	2.00	0.00	1.00	0.00	13.59	11.17	2.00	0.00	1.00	0.00
13.60	11.17	2.00	0.00	1.00	0.00	13.61	11.17	2.00	0.00	1.00	0.00
13.62	11.07	2.00	0.00	1.00	0.00	13.63	10.97	2.00	0.00	1.00	0.00
13.64	10.96	2.00	0.00	1.00	0.00	13.65	10.96	2.00	0.00	1.00	0.00
13.66	10.95	2.00	0.00	1.00	0.00	13.67	11.04	2.00	0.00	1.00	0.00
13.68	11.13	2.00	0.00	1.00	0.00	13.69	11.13	2.00	0.00	1.00	0.00
13.70	11.41	2.00	0.00	1.00	0.00	13.71	11.31	2.00	0.00	1.00	0.00
13.72	11.21	2.00	0.00	1.00	0.00	13.73	11.30	2.00	0.00	1.00	0.00
13.74	11.48	2.00	0.00	1.00	0.00	13.75	11.48	2.00	0.00	1.00	0.00
13.76	11.66	2.00	0.00	1.00	0.00	13.77	11.65	2.00	0.00	1.00	0.00
13.78	11.65	2.00	0.00	1.00	0.00	13.79	11.83	2.00	0.00	1.00	0.00
13.80	11.92	2.00	0.00	1.00	0.00	13.81	11.91	2.00	0.00	1.00	0.00
13.82	11.91	2.00	0.00	1.00	0.00	13.83	11.90	2.00	0.00	1.00	0.00
13.84	11.71	2.00	0.00	1.00	0.00	13.85	11.43	2.00	0.00	1.00	0.00
13.86	11.33	2.00	0.00	1.00	0.00	13.87	10.95	2.00	0.00	1.00	0.00
13.88	10.67	2.00	0.00	1.00	0.00	13.89	10.48	2.00	0.00	1.00	0.00
13.90	10.29	2.00	0.00	1.00	0.00	13.91	10.28	2.00	0.00	1.00	0.00
13.92	10.00	2.00	0.00	1.00	0.00	13.93	9.62	2.00	0.00	1.00	0.00
13.94	9.43	2.00	0.00	1.00	0.00	13.95	9.43	2.00	0.00	1.00	0.00
13.96	9.52	2.00	0.00	1.00	0.00	13.97	9.79	2.00	0.00	1.00	0.00
13.98	9.88	2.00	0.00	1.00	0.00	13.99	9.88	2.00	0.00	1.00	0.00
14.00	9.97	2.00	0.00	1.00	0.00	14.01	10.06	2.00	0.00	1.00	0.00
14.02	10.24	2.00	0.00	1.00	0.00	14.03	10.32	2.00	0.00	1.00	0.00
14.04	10.41	2.00	0.00	1.00	0.00	14.05	10.50	2.00	0.00	1.00	0.00
14.06	10.68	2.00	0.00	1.00	0.00	14.07	10.96	2.00	0.00	1.00	0.00
14.08	11.32	2.00	0.00	1.00	0.00	14.09	11.69	2.00	0.00	1.00	0.00
14.10	11.96	2.00	0.00	1.00	0.00	14.11	12.05	2.00	0.00	1.00	0.00
14.12	12.50	2.00	0.00	1.00	0.00	14.13	12.68	2.00	0.00	1.00	0.00
14.14	12.77	2.00	0.00	1.00	0.00	14.15	12.77	2.00	0.00	1.00	0.00
14.16	12.67	2.00	0.00	1.00	0.00	14.17	12.57	2.00	0.00	1.00	0.00
14.18	12.47	2.00	0.00	1.00	0.00	14.19	12.47	2.00	0.00	1.00	0.00
14.20	12.37	2.00	0.00	1.00	0.00	14.21	12.27	2.00	0.00	1.00	0.00
14.22	12.27	2.00	0.00	1.00	0.00	14.23	12.26	2.00	0.00	1.00	0.00
14.24	12.17	2.00	0.00	1.00	0.00	14.25	11.98	2.00	0.00	1.00	0.00
14.26	11.79	2.00	0.00	1.00	0.00	14.27	11.60	2.00	0.00	1.00	0.00
14.28	11.50	2.00	0.00	1.00	0.00	14.29	11.59	2.00	0.00	1.00	0.00
14.30	11.59	2.00	0.00	1.00	0.00	14.31	11.58	2.00	0.00	1.00	0.00
14.32	11.58	2.00	0.00	1.00	0.00	14.33	11.39	2.00	0.00	1.00	0.00
14.34	11.11	2.00	0.00	1.00	0.00	14.35	11.01	2.00	0.00	1.00	0.00
14.36	10.83	2.00	0.00	1.00	0.00	14.37	10.73	2.00	0.00	1.00	0.00
14.38	10.63	2.00	0.00	1.00	0.00	14.39	10.36	2.00	0.00	1.00	0.00
14.40	10.08	2.00	0.00	1.00	0.00	14.41	9.71	2.00	0.00	1.00	0.00
14.42	9.34	2.00	0.00	1.00	0.00	14.43	9.24	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.06	2.00	0.00	1.00	0.00	14.45	8.78	2.00	0.00	1.00	0.00
14.46	8.60	2.00	0.00	1.00	0.00	14.47	8.50	2.00	0.00	1.00	0.00
14.48	8.50	2.00	0.00	1.00	0.00	14.49	8.59	2.00	0.00	1.00	0.00
14.50	8.49	2.00	0.00	1.00	0.00	14.51	8.67	2.00	0.00	1.00	0.00
14.52	9.03	2.00	0.00	1.00	0.00	14.53	9.03	2.00	0.00	1.00	0.00
14.54	9.39	2.00	0.00	1.00	0.00	14.55	9.48	2.00	0.00	1.00	0.00
14.56	9.38	2.00	0.00	1.00	0.00	14.57	9.56	2.00	0.00	1.00	0.00
14.58	9.65	2.00	0.00	1.00	0.00	14.59	9.55	2.00	0.00	1.00	0.00
14.60	9.55	2.00	0.00	1.00	0.00	14.61	9.73	2.00	0.00	1.00	0.00
14.62	9.90	2.00	0.00	1.00	0.00	14.63	10.44	2.00	0.00	1.00	0.00
14.64	10.71	2.00	0.00	1.00	0.00	14.65	10.71	2.00	0.00	1.00	0.00
14.66	10.71	2.00	0.00	1.00	0.00	14.67	11.43	2.00	0.00	1.00	0.00
14.68	11.69	2.00	0.00	1.00	0.00	14.69	11.87	2.00	0.00	1.00	0.00
14.70	11.96	2.00	0.00	1.00	0.00	14.71	12.04	2.00	0.00	1.00	0.00
14.72	12.22	2.00	0.00	1.00	0.00	14.73	12.49	2.00	0.00	1.00	0.00
14.74	12.57	2.00	0.00	1.00	0.00	14.75	12.57	2.00	0.00	1.00	0.00
14.76	12.74	2.00	0.00	1.00	0.00	14.77	13.01	2.00	0.00	1.00	0.00
14.78	13.00	2.00	0.00	1.00	0.00	14.79	13.09	2.00	0.00	1.00	0.00
14.80	13.17	2.00	0.00	1.00	0.00	14.81	13.35	2.00	0.00	1.00	0.00
14.82	13.52	2.00	0.00	1.00	0.00	14.83	13.61	2.00	0.00	1.00	0.00
14.84	13.79	2.00	0.00	1.00	0.00	14.85	14.05	2.00	0.00	1.00	0.00
14.86	14.23	2.00	0.00	1.00	0.00	14.87	14.49	2.00	0.00	1.00	0.00
14.88	14.76	2.00	0.00	1.00	0.00	14.89	14.84	2.00	0.00	1.00	0.00
14.90	14.92	2.00	0.00	1.00	0.00	14.91	14.92	2.00	0.00	1.00	0.00
14.92	15.18	2.00	0.00	1.00	0.00	14.93	15.27	2.00	0.00	1.00	0.00
14.94	15.26	2.00	0.00	1.00	0.00	14.95	15.08	2.00	0.00	1.00	0.00
14.96	14.89	2.00	0.00	1.00	0.00	14.97	14.61	2.00	0.00	1.00	0.00
14.98	14.43	2.00	0.00	1.00	0.00	14.99	14.24	2.00	0.00	1.00	0.00
15.00	13.70	2.00	0.00	1.00	0.00	15.01	12.89	2.00	0.00	1.00	0.00
15.02	12.79	2.00	0.00	1.00	0.00	15.03	12.70	2.00	0.00	1.00	0.00
15.04	12.51	2.00	0.00	1.00	0.00	15.05	12.24	2.00	0.00	1.00	0.00
15.06	11.97	2.00	0.00	1.00	0.00	15.07	11.69	2.00	0.00	1.00	0.00
15.08	11.60	2.00	0.00	1.00	0.00	15.09	11.77	2.00	0.00	1.00	0.00
15.10	12.04	2.00	0.00	1.00	0.00	15.11	12.12	2.00	0.00	1.00	0.00
15.12	12.03	2.00	0.00	1.00	0.00	15.13	12.11	2.00	0.00	1.00	0.00
15.14	12.20	2.00	0.00	1.00	0.00	15.15	12.19	2.00	0.00	1.00	0.00
15.16	12.37	2.00	0.00	1.00	0.00	15.17	12.63	2.00	0.00	1.00	0.00
15.18	12.62	2.00	0.00	1.00	0.00	15.19	12.71	2.00	0.00	1.00	0.00
15.20	12.61	2.00	0.00	1.00	0.00	15.21	12.61	2.00	0.00	1.00	0.00
15.22	12.52	2.00	0.00	1.00	0.00	15.23	12.60	2.00	0.00	1.00	0.00
15.24	12.68	2.00	0.00	1.00	0.00	15.25	12.68	2.00	0.00	1.00	0.00
15.26	12.59	2.00	0.00	1.00	0.00	15.27	12.58	2.00	0.00	1.00	0.00
15.28	12.40	2.00	0.00	1.00	0.00	15.29	12.48	2.00	0.00	1.00	0.00
15.30	12.39	2.00	0.00	1.00	0.00	15.31	12.21	2.00	0.00	1.00	0.00
15.32	12.11	2.00	0.00	1.00	0.00	15.33	12.11	2.00	0.00	1.00	0.00
15.34	11.93	2.00	0.00	1.00	0.00	15.35	11.83	2.00	0.00	1.00	0.00
15.36	11.74	2.00	0.00	1.00	0.00	15.37	11.65	2.00	0.00	1.00	0.00
15.38	11.47	2.00	0.00	1.00	0.00	15.39	11.55	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	11.72	2.00	0.00	1.00	0.00	15.41	11.81	2.00	0.00	1.00	0.00
15.42	11.98	2.00	0.00	1.00	0.00	15.43	12.15	2.00	0.00	1.00	0.00
15.44	12.32	2.00	0.00	1.00	0.00	15.45	12.41	2.00	0.00	1.00	0.00
15.46	12.58	2.00	0.00	1.00	0.00	15.47	12.66	2.00	0.00	1.00	0.00
15.48	12.57	2.00	0.00	1.00	0.00	15.49	12.57	2.00	0.00	1.00	0.00
15.50	12.65	2.00	0.00	1.00	0.00	15.51	12.64	2.00	0.00	1.00	0.00
15.52	12.64	2.00	0.00	1.00	0.00	15.53	12.63	2.00	0.00	1.00	0.00
15.54	12.81	2.00	0.00	1.00	0.00	15.55	12.89	2.00	0.00	1.00	0.00
15.56	12.97	2.00	0.00	1.00	0.00	15.57	13.14	2.00	0.00	1.00	0.00
15.58	13.14	2.00	0.00	1.00	0.00	15.59	13.22	2.00	0.00	1.00	0.00
15.60	13.31	2.00	0.00	1.00	0.00	15.61	13.30	2.00	0.00	1.00	0.00
15.62	13.21	2.00	0.00	1.00	0.00	15.63	13.29	2.00	0.00	1.00	0.00
15.64	13.37	2.00	0.00	1.00	0.00	15.65	13.37	2.00	0.00	1.00	0.00
15.66	13.36	2.00	0.00	1.00	0.00	15.67	13.45	2.00	0.00	1.00	0.00
15.68	13.79	2.00	0.00	1.00	0.00	15.69	13.96	2.00	0.00	1.00	0.00
15.70	14.04	2.00	0.00	1.00	0.00	15.71	14.04	2.00	0.00	1.00	0.00
15.72	14.30	2.00	0.00	1.00	0.00	15.73	14.64	2.00	0.00	1.00	0.00
15.74	14.72	2.00	0.00	1.00	0.00	15.75	14.81	2.00	0.00	1.00	0.00
15.76	14.71	2.00	0.00	1.00	0.00	15.77	14.88	2.00	0.00	1.00	0.00
15.78	14.88	2.00	0.00	1.00	0.00	15.79	14.78	2.00	0.00	1.00	0.00
15.80	14.69	2.00	0.00	1.00	0.00	15.81	14.34	2.00	0.00	1.00	0.00
15.82	14.07	2.00	0.00	1.00	0.00	15.83	13.80	2.00	0.00	1.00	0.00
15.84	13.53	2.00	0.00	1.00	0.00	15.85	13.27	2.00	0.00	1.00	0.00
15.86	12.91	2.00	0.00	1.00	0.00	15.87	12.65	2.00	0.00	1.00	0.00
15.88	12.21	2.00	0.00	1.00	0.00	15.89	11.94	2.00	0.00	1.00	0.00
15.90	11.77	2.00	0.00	1.00	0.00	15.91	11.59	2.00	0.00	1.00	0.00
15.92	11.41	2.00	0.00	1.00	0.00	15.93	11.23	2.00	0.00	1.00	0.00
15.94	10.88	2.00	0.00	1.00	0.00	15.95	10.62	2.00	0.00	1.00	0.00
15.96	10.35	2.00	0.00	1.00	0.00	15.97	10.00	2.00	0.00	1.00	0.00
15.98	9.66	2.00	0.00	1.00	0.00	15.99	9.48	2.00	0.00	1.00	0.00
16.00	9.22	2.00	0.00	1.00	0.00	16.01	8.78	2.00	0.00	1.00	0.00
16.02	8.52	2.00	0.00	1.00	0.00	16.03	8.26	2.00	0.00	1.00	0.00
16.04	8.17	2.00	0.00	1.00	0.00	16.05	8.00	2.00	0.00	1.00	0.00
16.06	7.91	2.00	0.00	1.00	0.00	16.07	7.14	2.00	0.00	1.00	0.00
16.08	7.13	2.00	0.00	1.00	0.00	16.09	7.73	2.00	0.00	1.00	0.00
16.10	7.64	2.00	0.00	1.00	0.00	16.11	7.64	2.00	0.00	1.00	0.00
16.12	7.72	2.00	0.00	1.00	0.00	16.13	7.81	2.00	0.00	1.00	0.00
16.14	7.80	2.00	0.00	1.00	0.00	16.15	7.89	2.00	0.00	1.00	0.00
16.16	7.97	2.00	0.00	1.00	0.00	16.17	7.97	2.00	0.00	1.00	0.00
16.18	7.88	2.00	0.00	1.00	0.00	16.19	7.79	2.00	0.00	1.00	0.00
16.20	7.79	2.00	0.00	1.00	0.00	16.21	7.79	2.00	0.00	1.00	0.00
16.22	7.87	2.00	0.00	1.00	0.00	16.23	7.78	2.00	0.00	1.00	0.00
16.24	7.69	2.00	0.00	1.00	0.00	16.25	7.43	2.00	0.00	1.00	0.00
16.26	7.43	2.00	0.00	1.00	0.00	16.27	7.43	2.00	0.00	1.00	0.00
16.28	7.51	2.00	0.00	1.00	0.00	16.29	7.59	2.00	0.00	1.00	0.00
16.30	7.76	2.00	0.00	1.00	0.00	16.31	7.84	2.00	0.00	1.00	0.00
16.32	7.93	2.00	0.00	1.00	0.00	16.33	8.09	2.00	0.00	1.00	0.00
16.34	8.09	2.00	0.00	1.00	0.00	16.35	8.09	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	8.09	2.00	0.00	1.00	0.00	16.37	7.91	2.00	0.00	1.00	0.00
16.38	7.83	2.00	0.00	1.00	0.00	16.39	7.74	2.00	0.00	1.00	0.00
16.40	7.74	2.00	0.00	1.00	0.00	16.41	7.57	2.00	0.00	1.00	0.00
16.42	7.48	2.00	0.00	1.00	0.00	16.43	7.56	2.00	0.00	1.00	0.00
16.44	7.56	2.00	0.00	1.00	0.00	16.45	7.47	2.00	0.00	1.00	0.00
16.46	7.38	2.00	0.00	1.00	0.00	16.47	7.21	2.00	0.00	1.00	0.00
16.48	7.04	2.00	0.00	1.00	0.00	16.49	6.87	2.00	0.00	1.00	0.00
16.50	6.87	2.00	0.00	1.00	0.00	16.51	6.87	2.00	0.00	1.00	0.00
16.52	6.78	2.00	0.00	1.00	0.00	16.53	6.78	2.00	0.00	1.00	0.00
16.54	6.94	2.00	0.00	1.00	0.00	16.55	7.11	2.00	0.00	1.00	0.00
16.56	7.44	2.00	0.00	1.00	0.00	16.57	7.69	2.00	0.00	1.00	0.00
16.58	7.78	2.00	0.00	1.00	0.00	16.59	7.94	2.00	0.00	1.00	0.00
16.60	8.11	2.00	0.00	1.00	0.00	16.61	8.36	2.00	0.00	1.00	0.00
16.62	8.44	2.00	0.00	1.00	0.00	16.63	8.52	2.00	0.00	1.00	0.00
16.64	8.52	2.00	0.00	1.00	0.00	16.65	8.52	2.00	0.00	1.00	0.00
16.66	8.35	2.00	0.00	1.00	0.00	16.67	8.68	2.00	0.00	1.00	0.00
16.68	8.68	2.00	0.00	1.00	0.00	16.69	8.68	2.00	0.00	1.00	0.00
16.70	8.59	2.00	0.00	1.00	0.00	16.71	8.33	2.00	0.00	1.00	0.00
16.72	7.99	2.00	0.00	1.00	0.00	16.73	7.99	2.00	0.00	1.00	0.00
16.74	8.07	2.00	0.00	1.00	0.00	16.75	8.24	2.00	0.00	1.00	0.00
16.76	8.40	2.00	0.00	1.00	0.00	16.77	8.74	2.00	0.00	1.00	0.00
16.78	9.16	2.00	0.00	1.00	0.00	16.79	9.49	2.00	0.00	1.00	0.00
16.80	9.99	2.00	0.00	1.00	0.00	16.81	10.32	2.00	0.00	1.00	0.00
16.82	10.57	2.00	0.00	1.00	0.00	16.83	10.82	2.00	0.00	1.00	0.00
16.84	10.99	2.00	0.00	1.00	0.00	16.85	10.90	2.00	0.00	1.00	0.00
16.86	10.56	2.00	0.00	1.00	0.00	16.87	10.22	2.00	0.00	1.00	0.00
16.88	10.47	2.00	0.00	1.00	0.00	16.89	10.55	2.00	0.00	1.00	0.00
16.90	10.80	2.00	0.00	1.00	0.00	16.91	10.96	2.00	0.00	1.00	0.00
16.92	11.21	2.00	0.00	1.00	0.00	16.93	11.55	2.00	0.00	1.00	0.00
16.94	11.88	2.00	0.00	1.00	0.00	16.95	12.55	2.00	0.00	1.00	0.00
16.96	12.80	2.00	0.00	1.00	0.00	16.97	13.04	2.00	0.00	1.00	0.00
16.98	13.12	2.00	0.00	1.00	0.00	16.99	13.04	2.00	0.00	1.00	0.00
17.00	13.12	2.00	0.00	1.00	0.00	17.01	13.62	2.00	0.00	1.00	0.00
17.02	13.61	2.00	0.00	1.00	0.00	17.03	13.52	2.00	0.00	1.00	0.00
17.04	13.60	2.00	0.00	1.00	0.00	17.05	13.85	2.00	0.00	1.00	0.00
17.06	14.01	2.00	0.00	1.00	0.00	17.07	14.09	2.00	0.00	1.00	0.00
17.08	14.26	2.00	0.00	1.00	0.00	17.09	13.83	2.00	0.00	1.00	0.00
17.10	13.57	2.00	0.00	1.00	0.00	17.11	13.48	2.00	0.00	1.00	0.00
17.12	13.40	2.00	0.00	1.00	0.00	17.13	13.31	2.00	0.00	1.00	0.00
17.14	13.05	2.00	0.00	1.00	0.00	17.15	12.63	2.00	0.00	1.00	0.00
17.16	12.37	2.00	0.00	1.00	0.00	17.17	12.37	2.00	0.00	1.00	0.00
17.18	12.36	2.00	0.00	1.00	0.00	17.19	12.36	2.00	0.00	1.00	0.00
17.20	12.02	2.00	0.00	1.00	0.00	17.21	11.93	2.00	0.00	1.00	0.00
17.22	12.01	2.00	0.00	1.00	0.00	17.23	11.92	2.00	0.00	1.00	0.00
17.24	11.92	2.00	0.00	1.00	0.00	17.25	11.92	2.00	0.00	1.00	0.00
17.26	11.83	2.00	0.00	1.00	0.00	17.27	11.74	2.00	0.00	1.00	0.00
17.28	11.74	2.00	0.00	1.00	0.00	17.29	11.65	2.00	0.00	1.00	0.00
17.30	11.64	2.00	0.00	1.00	0.00	17.31	11.56	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
17.32	11.47	2.00	0.00	1.00	0.00	17.33	11.55	2.00	0.00	1.00	0.00
17.34	11.71	2.00	0.00	1.00	0.00	17.35	11.71	2.00	0.00	1.00	0.00
17.36	11.62	2.00	0.00	1.00	0.00	17.37	11.53	2.00	0.00	1.00	0.00
17.38	11.45	2.00	0.00	1.00	0.00	17.39	11.28	2.00	0.00	1.00	0.00
17.40	11.11	2.00	0.00	1.00	0.00	17.41	11.10	2.00	0.00	1.00	0.00
17.42	11.10	2.00	0.00	1.00	0.00	17.43	11.18	2.00	0.00	1.00	0.00
17.44	10.76	2.00	0.00	1.00	0.00	17.45	10.67	2.00	0.00	1.00	0.00
17.46	10.75	2.00	0.00	1.00	0.00	17.47	10.83	2.00	0.00	1.00	0.00
17.48	10.75	2.00	0.00	1.00	0.00	17.49	10.66	2.00	0.00	1.00	0.00
17.50	10.49	2.00	0.00	1.00	0.00	17.51	10.49	2.00	0.00	1.00	0.00
17.52	10.40	2.00	0.00	1.00	0.00	17.53	10.48	2.00	0.00	1.00	0.00
17.54	10.48	2.00	0.00	1.00	0.00	17.55	10.47	2.00	0.00	1.00	0.00
17.56	10.47	2.00	0.00	1.00	0.00	17.57	10.47	2.00	0.00	1.00	0.00
17.58	10.38	2.00	0.00	1.00	0.00	17.59	10.38	2.00	0.00	1.00	0.00
17.60	10.46	2.00	0.00	1.00	0.00	17.61	10.54	2.00	0.00	1.00	0.00
17.62	10.53	2.00	0.00	1.00	0.00	17.63	10.61	2.00	0.00	1.00	0.00
17.64	10.61	2.00	0.00	1.00	0.00	17.65	10.60	2.00	0.00	1.00	0.00
17.66	8.15	2.00	0.00	1.00	0.00	17.67	10.51	2.00	0.00	1.00	0.00
17.68	10.43	2.00	0.00	1.00	0.00	17.69	10.43	2.00	0.00	1.00	0.00
17.70	10.42	2.00	0.00	1.00	0.00	17.71	10.50	2.00	0.00	1.00	0.00
17.72	10.66	2.00	0.00	1.00	0.00	17.73	10.66	2.00	0.00	1.00	0.00
17.74	10.65	2.00	0.00	1.00	0.00	17.75	10.73	2.00	0.00	1.00	0.00
17.76	10.81	2.00	0.00	1.00	0.00	17.77	10.81	2.00	0.00	1.00	0.00
17.78	10.89	2.00	0.00	1.00	0.00	17.79	10.88	2.00	0.00	1.00	0.00
17.80	11.04	2.00	0.00	1.00	0.00	17.81	11.20	2.00	0.00	1.00	0.00
17.82	11.36	2.00	0.00	1.00	0.00	17.83	11.44	2.00	0.00	1.00	0.00
17.84	11.44	2.00	0.00	1.00	0.00	17.85	11.51	2.00	0.00	1.00	0.00
17.86	11.59	2.00	0.00	1.00	0.00	17.87	11.59	2.00	0.00	1.00	0.00
17.88	11.67	2.00	0.00	1.00	0.00	17.89	11.66	2.00	0.00	1.00	0.00
17.90	11.50	2.00	0.00	1.00	0.00	17.91	11.41	2.00	0.00	1.00	0.00
17.92	11.41	2.00	0.00	1.00	0.00	17.93	11.24	2.00	0.00	1.00	0.00
17.94	11.07	2.00	0.00	1.00	0.00	17.95	11.07	2.00	0.00	1.00	0.00
17.96	11.06	2.00	0.00	1.00	0.00	17.97	10.98	2.00	0.00	1.00	0.00
17.98	11.14	2.00	0.00	1.00	0.00	17.99	11.14	2.00	0.00	1.00	0.00
18.00	11.05	2.00	0.00	1.00	0.00	18.01	10.97	2.00	0.00	1.00	0.00
18.02	10.88	2.00	0.00	1.00	0.00	18.03	10.80	2.00	0.00	1.00	0.00
18.04	10.63	2.00	0.00	1.00	0.00	18.05	10.63	2.00	0.00	1.00	0.00
18.06	10.54	2.00	0.00	1.00	0.00	18.07	10.54	2.00	0.00	1.00	0.00
18.08	10.53	2.00	0.00	1.00	0.00	18.09	10.53	2.00	0.00	1.00	0.00
18.10	10.53	2.00	0.00	1.00	0.00	18.11	10.52	2.00	0.00	1.00	0.00
18.12	10.44	2.00	0.00	1.00	0.00	18.13	10.52	2.00	0.00	1.00	0.00
18.14	10.51	2.00	0.00	1.00	0.00	18.15	10.51	2.00	0.00	1.00	0.00
18.16	10.51	2.00	0.00	1.00	0.00	18.17	10.50	2.00	0.00	1.00	0.00
18.18	10.50	2.00	0.00	1.00	0.00	18.19	10.58	2.00	0.00	1.00	0.00
18.20	10.49	2.00	0.00	1.00	0.00	18.21	10.49	2.00	0.00	1.00	0.00
18.22	10.57	2.00	0.00	1.00	0.00	18.23	10.56	2.00	0.00	1.00	0.00
18.24	10.64	2.00	0.00	1.00	0.00	18.25	10.72	2.00	0.00	1.00	0.00
18.26	10.72	2.00	0.00	1.00	0.00	18.27	10.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.28	10.95	2.00	0.00	1.00	0.00	18.29	11.19	2.00	0.00	1.00	0.00
18.30	11.27	2.00	0.00	1.00	0.00	18.31	11.34	2.00	0.00	1.00	0.00
18.32	11.58	2.00	0.00	1.00	0.00	18.33	11.82	2.00	0.00	1.00	0.00
18.34	12.06	2.00	0.00	1.00	0.00	18.35	12.38	2.00	0.00	1.00	0.00
18.36	12.53	2.00	0.00	1.00	0.00	18.37	12.85	2.00	0.00	1.00	0.00
18.38	13.17	2.00	0.00	1.00	0.00	18.39	13.57	2.00	0.00	1.00	0.00
18.40	13.73	2.00	0.00	1.00	0.00	18.41	14.13	2.00	0.00	1.00	0.00
18.42	14.61	2.00	0.00	1.00	0.00	18.43	14.85	2.00	0.00	1.00	0.00
18.44	14.93	2.00	0.00	1.00	0.00	18.45	15.25	2.00	0.00	1.00	0.00
18.46	15.89	2.00	0.00	1.00	0.00	18.47	16.21	2.00	0.00	1.00	0.00
18.48	16.53	2.00	0.00	1.00	0.00	18.49	16.85	2.00	0.00	1.00	0.00
18.50	17.17	2.00	0.00	1.00	0.00	18.51	17.40	2.00	0.00	1.00	0.00
18.52	17.48	2.00	0.00	1.00	0.00	18.53	17.64	2.00	0.00	1.00	0.00
18.54	17.63	2.00	0.00	1.00	0.00	18.55	17.71	2.00	0.00	1.00	0.00
18.56	17.78	2.00	0.00	1.00	0.00	18.57	17.70	2.00	0.00	1.00	0.00
18.58	17.77	2.00	0.00	1.00	0.00	18.59	17.93	2.00	0.00	1.00	0.00
18.60	17.84	2.00	0.00	1.00	0.00	18.61	17.68	2.00	0.00	1.00	0.00
18.62	17.75	2.00	0.00	1.00	0.00	18.63	17.74	2.00	0.00	1.00	0.00
18.64	17.66	2.00	0.00	1.00	0.00	18.65	17.65	2.00	0.00	1.00	0.00
18.66	17.65	2.00	0.00	1.00	0.00	18.67	17.80	2.00	0.00	1.00	0.00
18.68	18.12	2.00	0.00	1.00	0.00	18.69	17.95	2.00	0.00	1.00	0.00
18.70	17.95	2.00	0.00	1.00	0.00	18.71	17.70	2.00	0.00	1.00	0.00
18.72	16.80	2.00	0.00	1.00	0.00	18.73	16.63	2.00	0.00	1.00	0.00
18.74	16.39	2.00	0.00	1.00	0.00	18.75	15.98	2.00	0.00	1.00	0.00
18.76	15.65	2.00	0.00	1.00	0.00	18.77	15.40	2.00	0.00	1.00	0.00
18.78	15.08	2.00	0.00	1.00	0.00	18.79	14.67	2.00	0.00	1.00	0.00
18.80	13.46	2.00	0.00	1.00	0.00	18.81	12.90	2.00	0.00	1.00	0.00
18.82	12.58	2.00	0.00	1.00	0.00	18.83	12.26	2.00	0.00	1.00	0.00
18.84	11.93	2.00	0.00	1.00	0.00	18.85	11.45	2.00	0.00	1.00	0.00
18.86	11.05	2.00	0.00	1.00	0.00	18.87	10.73	2.00	0.00	1.00	0.00
18.88	10.41	2.00	0.00	1.00	0.00	18.89	10.09	2.00	0.00	1.00	0.00
18.90	9.46	2.00	0.00	1.00	0.00	18.91	9.22	2.00	0.00	1.00	0.00
18.92	9.06	2.00	0.00	1.00	0.00	18.93	8.82	2.00	0.00	1.00	0.00
18.94	8.66	2.00	0.00	1.00	0.00	18.95	8.58	2.00	0.00	1.00	0.00
18.96	8.50	2.00	0.00	1.00	0.00	18.97	8.34	2.00	0.00	1.00	0.00
18.98	8.26	2.00	0.00	1.00	0.00	18.99	8.26	2.00	0.00	1.00	0.00
19.00	8.10	2.00	0.00	1.00	0.00	19.01	8.02	2.00	0.00	1.00	0.00
19.02	7.94	2.00	0.00	1.00	0.00	19.03	8.01	2.00	0.00	1.00	0.00
19.04	8.01	2.00	0.00	1.00	0.00	19.05	8.09	2.00	0.00	1.00	0.00
19.06	8.16	2.00	0.00	1.00	0.00	19.07	8.24	2.00	0.00	1.00	0.00
19.08	8.31	2.00	0.00	1.00	0.00	19.09	8.62	2.00	0.00	1.00	0.00
19.10	8.86	2.00	0.00	1.00	0.00	19.11	9.09	2.00	0.00	1.00	0.00
19.12	9.32	2.00	0.00	1.00	0.00	19.13	9.55	2.00	0.00	1.00	0.00
19.14	9.78	2.00	0.00	1.00	0.00	19.15	9.94	2.00	0.00	1.00	0.00
19.16	10.09	2.00	0.00	1.00	0.00	19.17	10.32	2.00	0.00	1.00	0.00
19.18	10.32	2.00	0.00	1.00	0.00	19.19	10.63	2.00	0.00	1.00	0.00
19.20	10.63	2.00	0.00	1.00	0.00	19.21	10.70	2.00	0.00	1.00	0.00
19.22	10.62	2.00	0.00	1.00	0.00	19.23	10.62	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

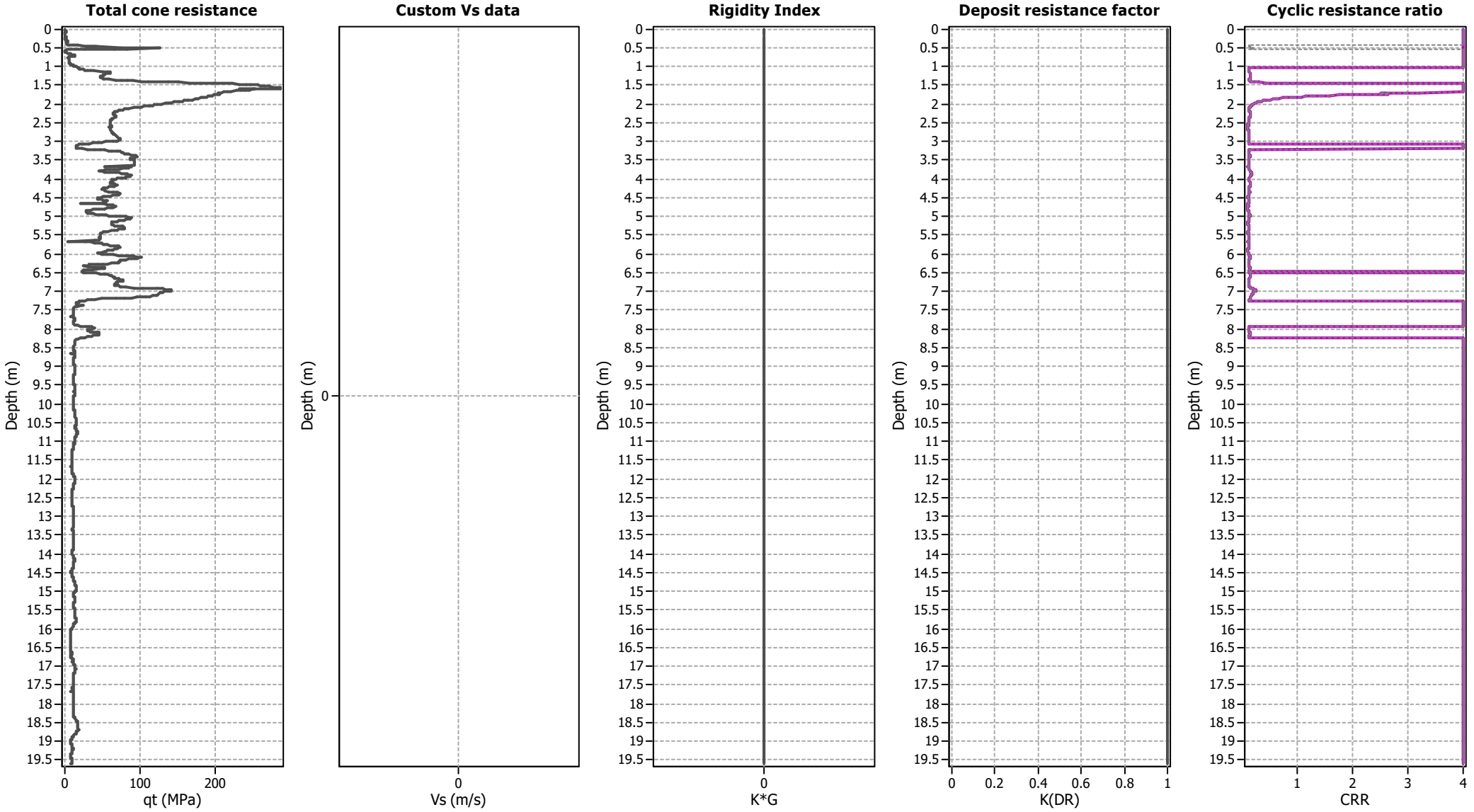
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
19.24	10.38	2.00	0.00	1.00	0.00	19.25	10.30	2.00	0.00	1.00	0.00
19.26	10.22	2.00	0.00	1.00	0.00	19.27	9.98	2.00	0.00	1.00	0.00
19.28	9.35	2.00	0.00	1.00	0.00	19.29	9.12	2.00	0.00	1.00	0.00
19.30	8.88	2.00	0.00	1.00	0.00	19.31	8.80	2.00	0.00	1.00	0.00
19.32	8.72	2.00	0.00	1.00	0.00	19.33	8.56	2.00	0.00	1.00	0.00
19.34	8.48	2.00	0.00	1.00	0.00	19.35	8.33	2.00	0.00	1.00	0.00
19.36	8.17	2.00	0.00	1.00	0.00	19.37	7.93	2.00	0.00	1.00	0.00
19.38	7.62	2.00	0.00	1.00	0.00	19.39	7.54	2.00	0.00	1.00	0.00
19.40	7.62	2.00	0.00	1.00	0.00	19.41	7.77	2.00	0.00	1.00	0.00
19.42	7.92	2.00	0.00	1.00	0.00	19.43	8.07	2.00	0.00	1.00	0.00
19.44	8.23	2.00	0.00	1.00	0.00	19.45	8.38	2.00	0.00	1.00	0.00
19.46	8.61	2.00	0.00	1.00	0.00	19.47	8.84	2.00	0.00	1.00	0.00
19.48	9.46	2.00	0.00	1.00	0.00	19.49	9.69	2.00	0.00	1.00	0.00
19.50	9.76	2.00	0.00	1.00	0.00	19.51	9.68	2.00	0.00	1.00	0.00
19.52	9.76	2.00	0.00	1.00	0.00	19.53	9.68	2.00	0.00	1.00	0.00
19.54	9.52	2.00	0.00	1.00	0.00	19.55	9.28	2.00	0.00	1.00	0.00
19.56	9.05	2.00	0.00	1.00	0.00	19.57	8.81	2.00	0.00	1.00	0.00
19.58	8.58	2.00	0.00	1.00	0.00	19.59	8.58	2.00	0.00	1.00	0.00
19.60	8.50	2.00	0.00	1.00	0.00						

Total estimated settlement: 22.02

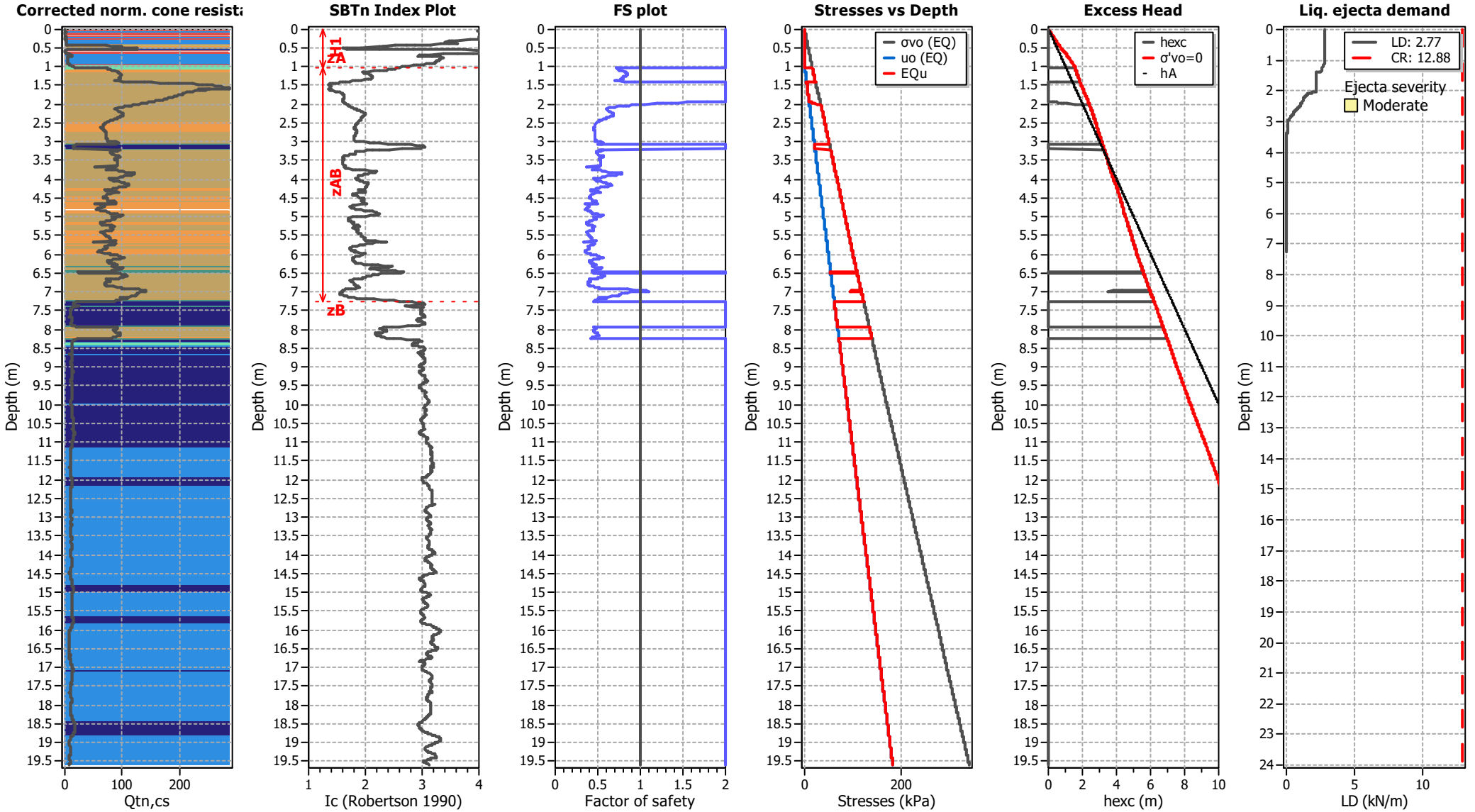
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



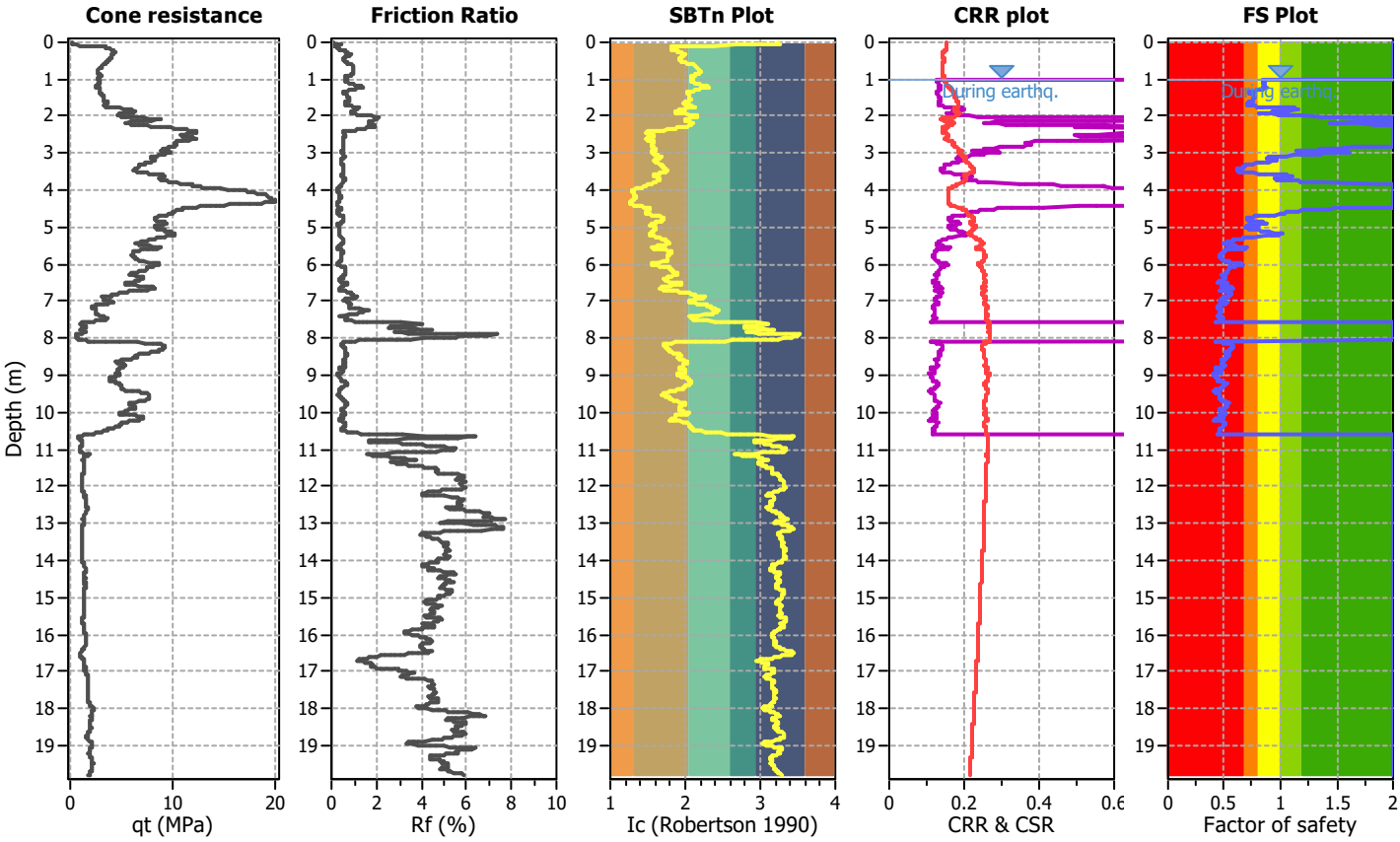
LIQUEFACTION ANALYSIS REPORT

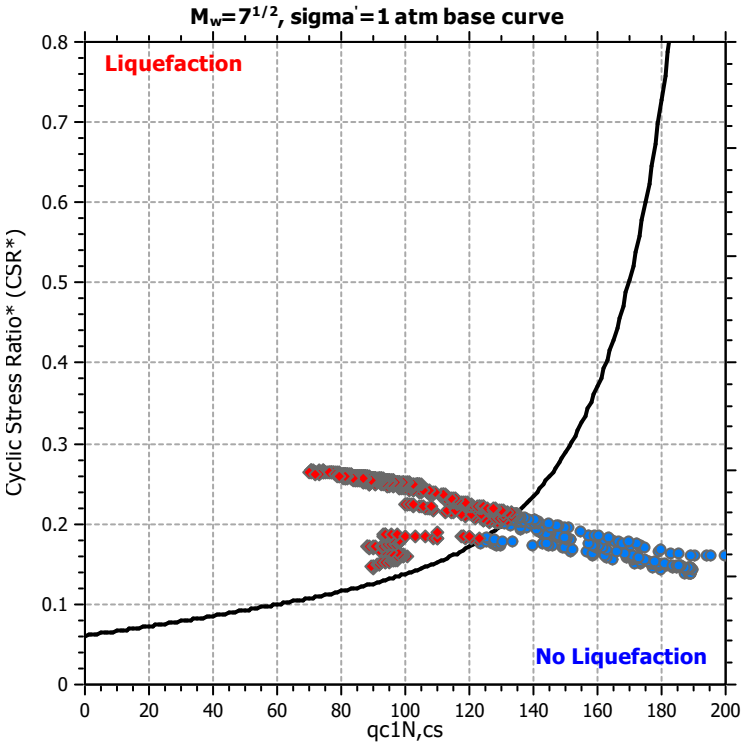
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

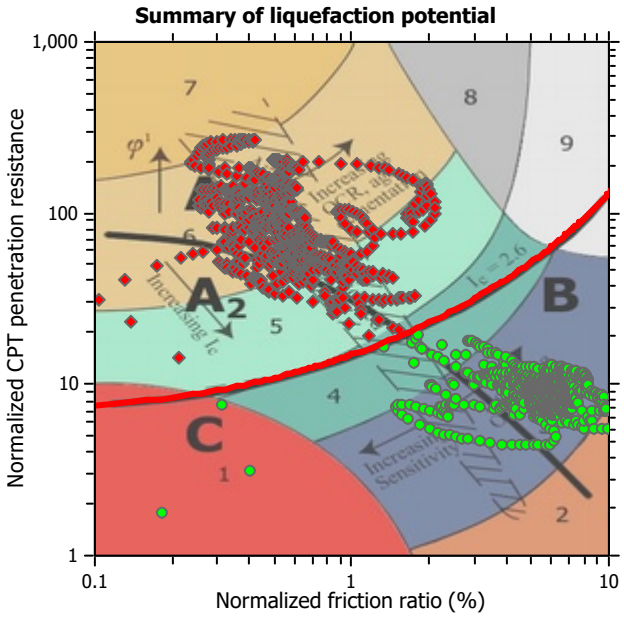
CPT file : 040008P1016CPTU1017

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

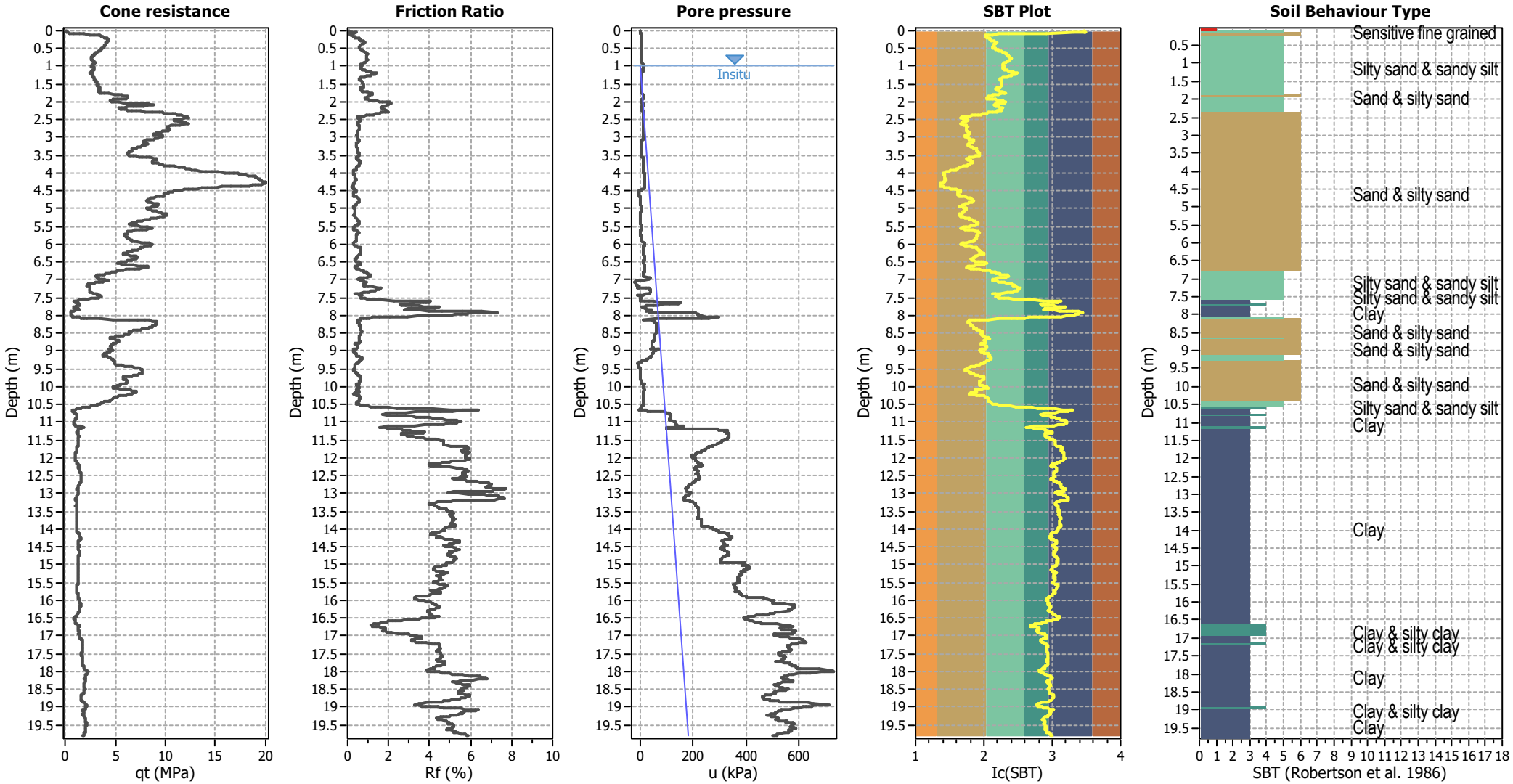






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



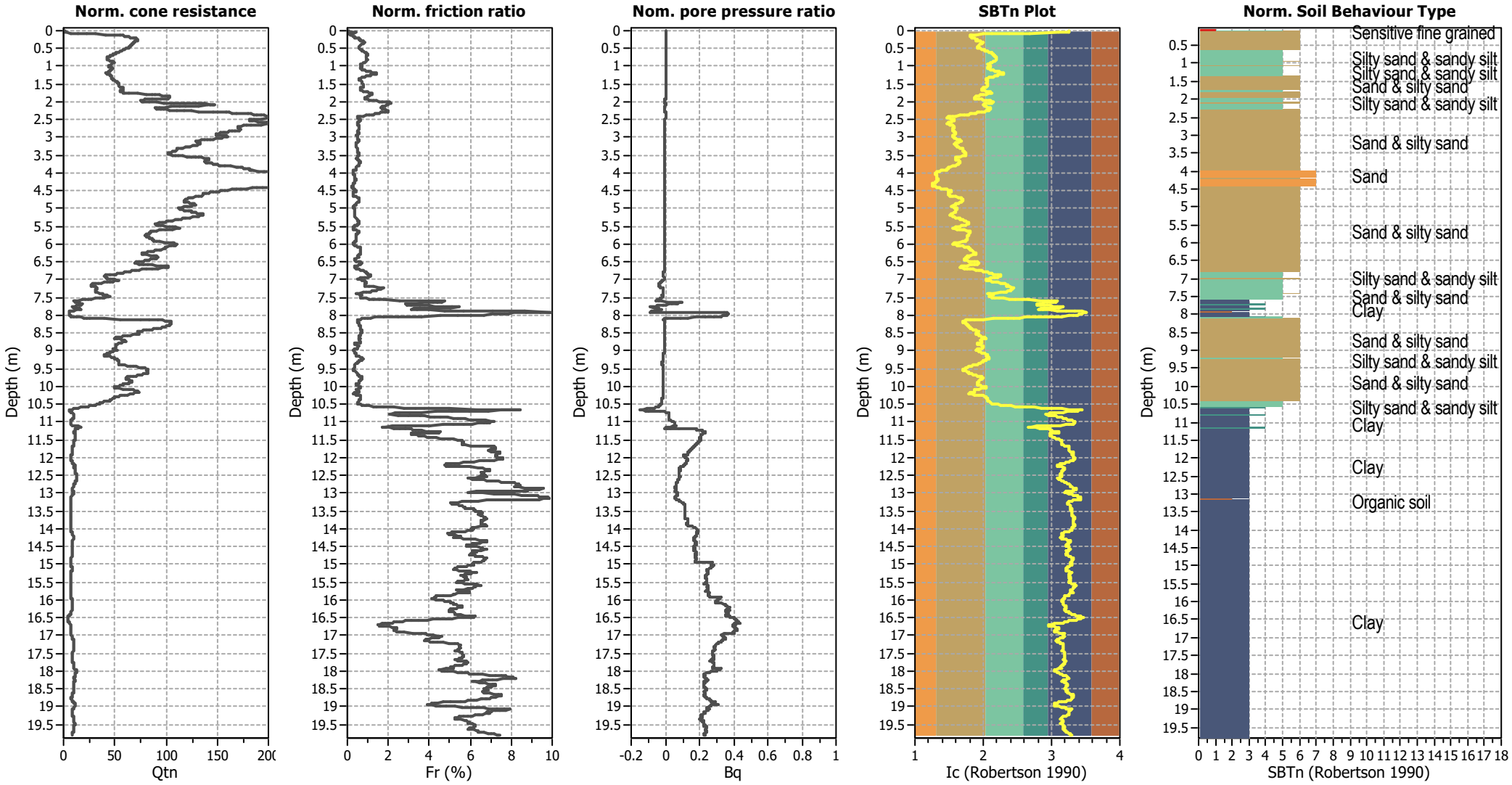
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



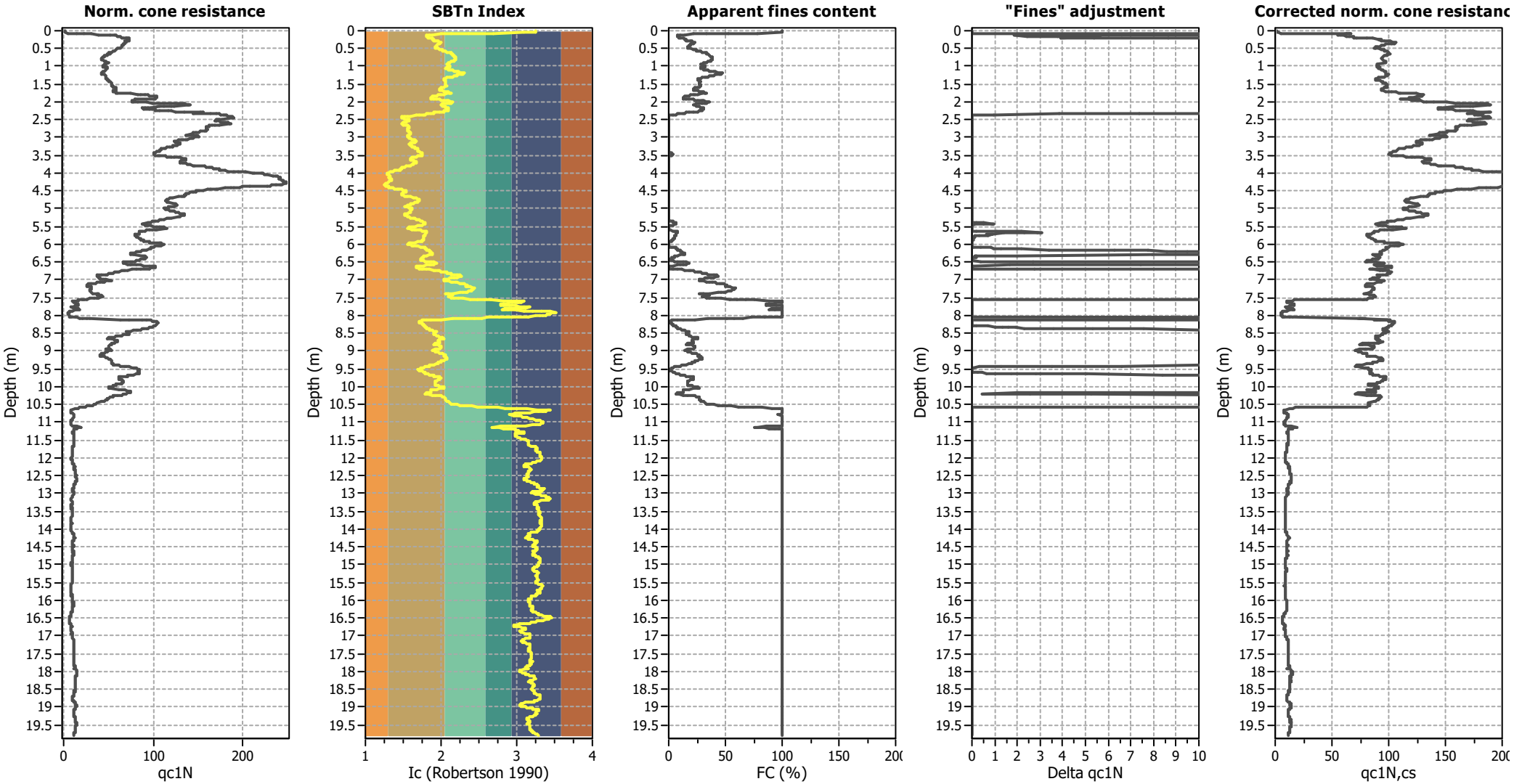
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

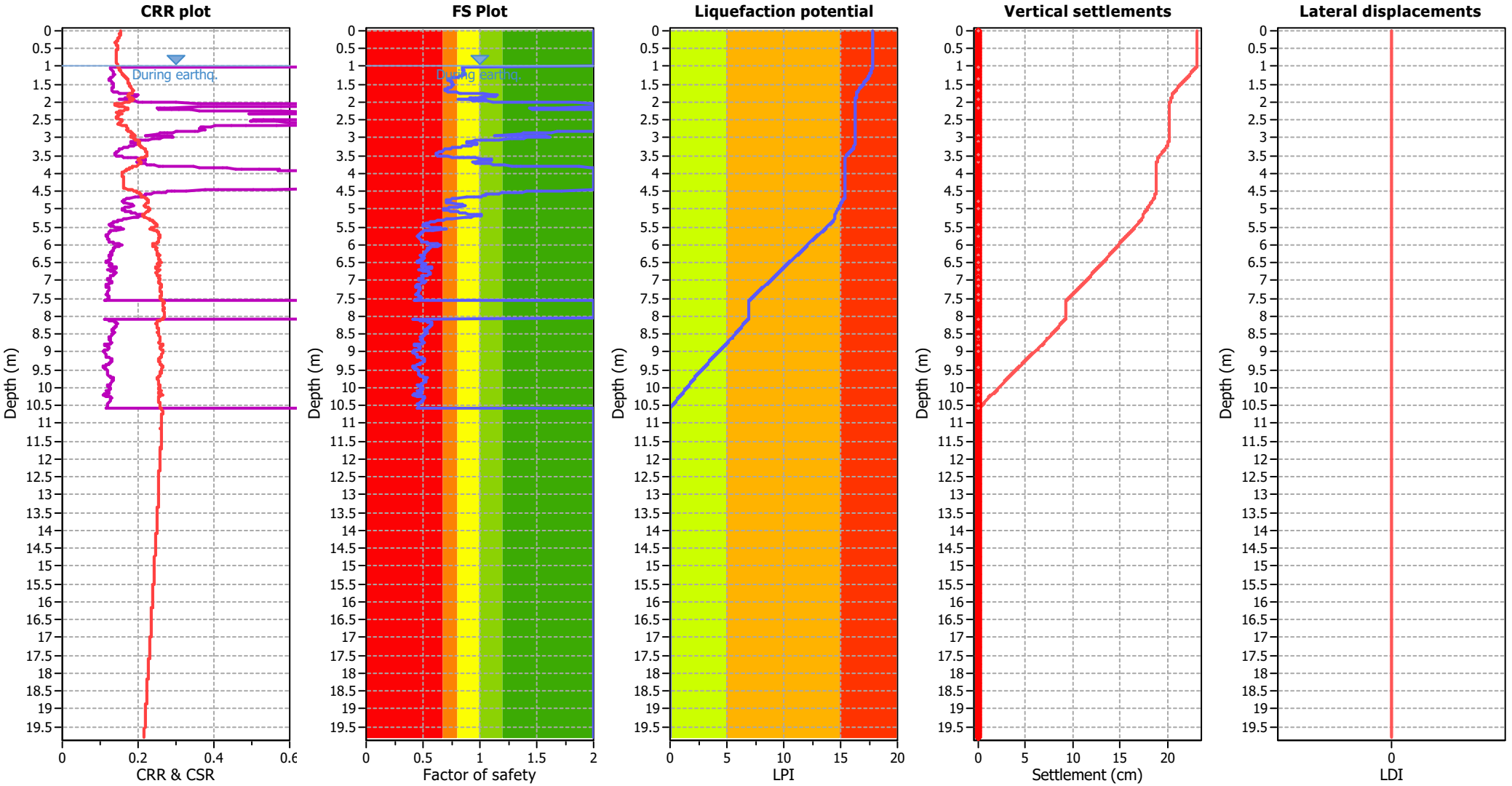
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

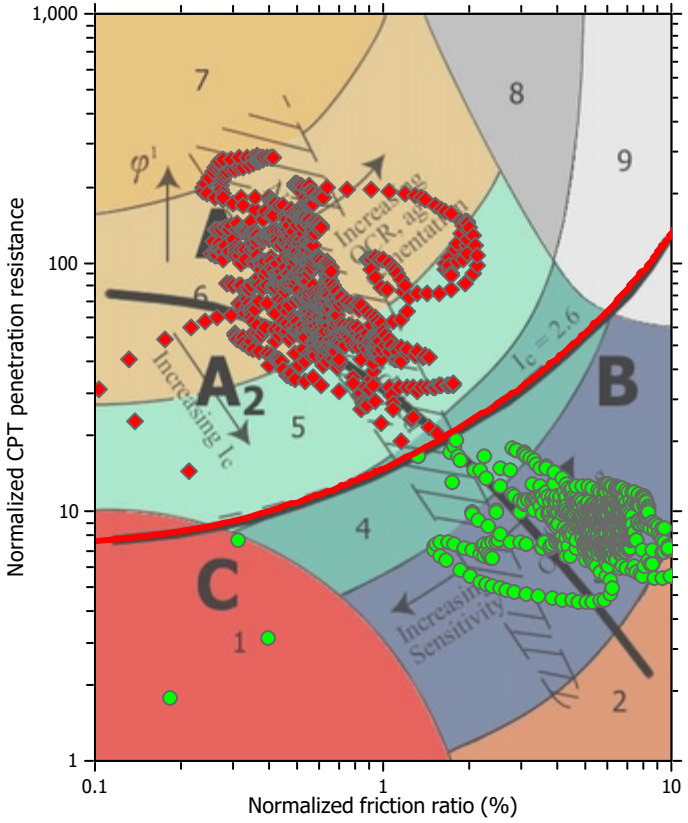
F.S. color scheme

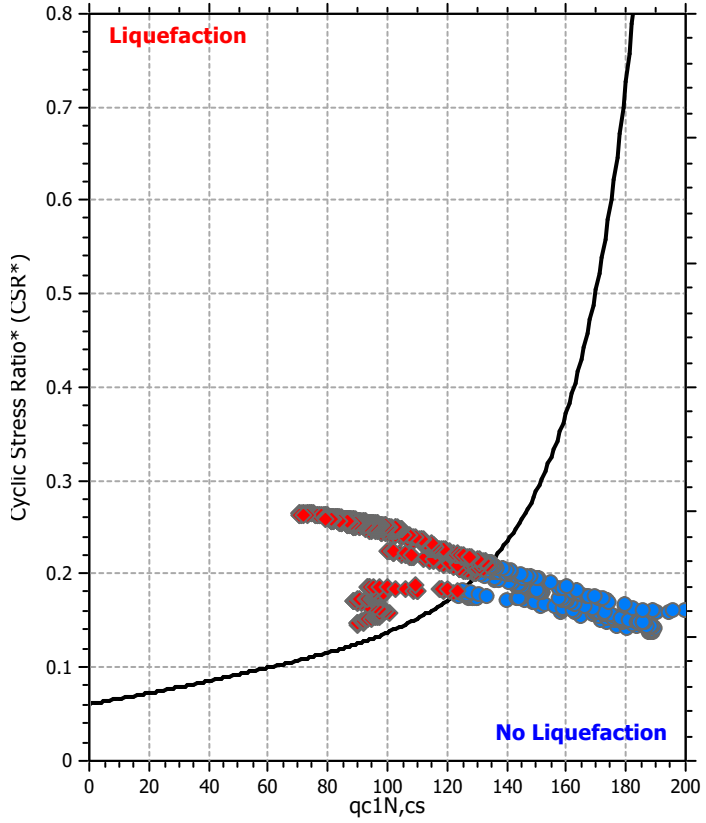
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

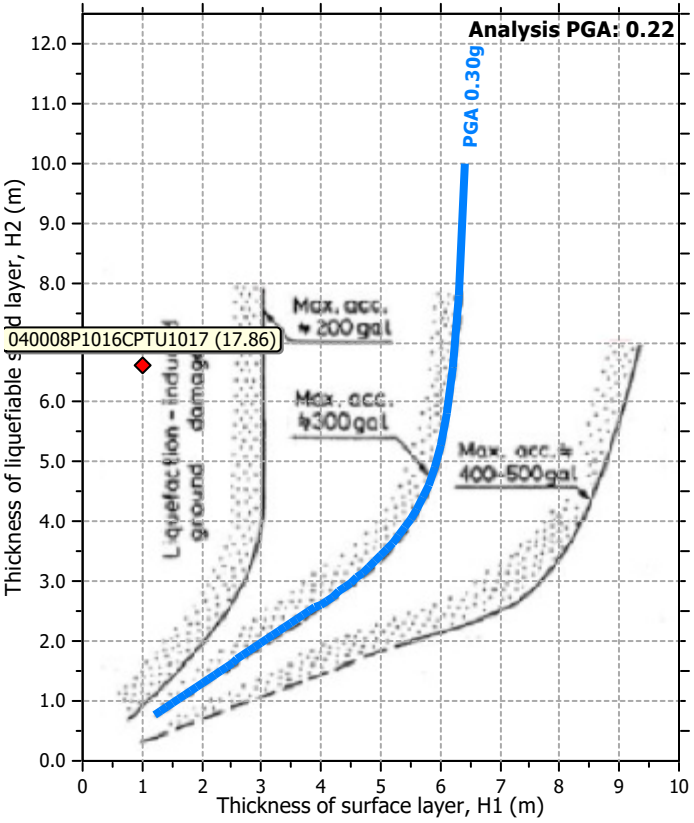
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



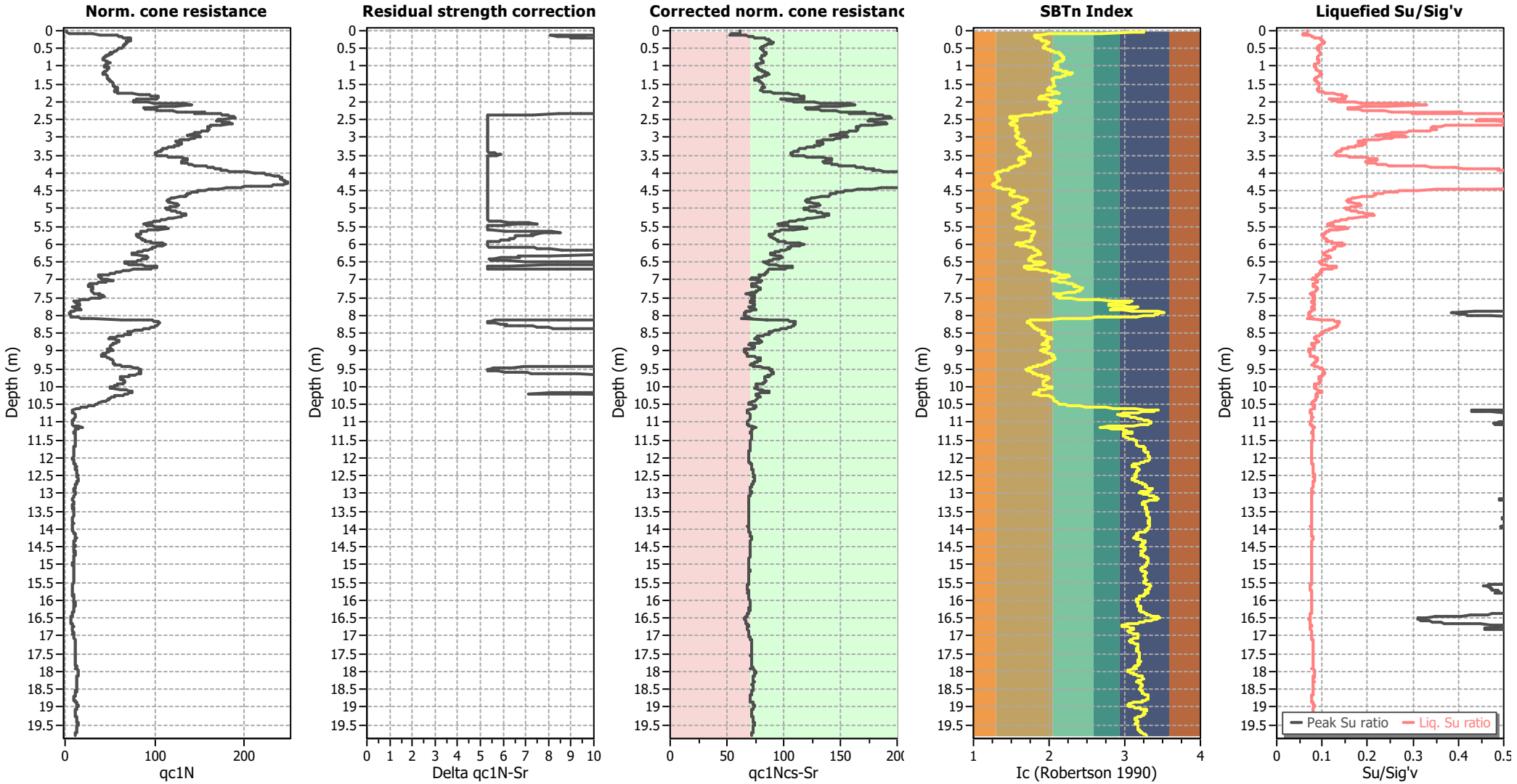




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	0.86	0.00	0.00	0.01	0.01	1.02	0.86	0.14	2.86	0.01	0.01
1.03	0.85	0.15	2.80	0.01	0.01	1.04	0.85	0.15	2.53	0.01	0.01
1.05	0.86	0.00	0.00	0.01	0.01	1.06	0.85	0.15	2.72	0.01	0.01
1.07	0.85	0.15	2.72	0.01	0.01	1.08	0.85	0.15	2.66	0.01	0.01
1.09	0.85	0.15	2.71	0.01	0.01	1.10	0.85	0.15	2.79	0.01	0.01
1.11	0.85	0.15	2.70	0.01	0.01	1.12	0.86	0.14	2.93	0.01	0.01
1.13	0.86	0.00	0.00	0.01	0.01	1.14	0.86	0.00	0.00	0.01	0.01
1.15	0.86	0.00	0.00	0.01	0.01	1.16	0.86	0.00	0.00	0.01	0.01
1.17	0.86	0.00	0.00	0.01	0.01	1.18	0.86	0.14	2.87	0.01	0.01
1.19	0.86	0.14	2.95	0.01	0.01	1.20	0.85	0.15	2.82	0.01	0.01
1.21	0.85	0.15	2.74	0.01	0.01	1.22	0.84	0.16	2.45	0.01	0.01
1.23	0.87	0.00	0.00	0.01	0.01	1.24	0.86	0.00	0.00	0.01	0.01
1.25	0.85	0.15	2.75	0.01	0.01	1.26	0.85	0.15	2.64	0.01	0.01
1.27	0.84	0.16	2.43	0.01	0.01	1.28	0.83	0.17	2.18	0.01	0.02
1.29	0.82	0.18	1.94	0.01	0.02	1.30	0.80	0.20	1.70	0.01	0.02
1.31	0.79	0.21	1.52	0.01	0.02	1.32	0.77	0.23	1.37	0.01	0.02
1.33	0.76	0.24	1.24	0.01	0.02	1.34	0.74	0.26	1.14	0.01	0.02
1.35	0.73	0.27	1.07	0.01	0.03	1.36	0.72	0.28	1.04	0.01	0.03
1.37	0.72	0.28	1.02	0.01	0.03	1.38	0.72	0.28	1.03	0.01	0.03
1.39	0.73	0.27	1.05	0.01	0.03	1.40	0.73	0.27	1.07	0.01	0.02
1.41	0.75	0.25	1.16	0.01	0.02	1.42	0.75	0.25	1.17	0.01	0.02
1.43	0.75	0.25	1.21	0.01	0.02	1.44	0.75	0.25	1.20	0.01	0.02
1.45	0.76	0.24	1.24	0.01	0.02	1.46	0.76	0.24	1.23	0.01	0.02
1.47	0.76	0.24	1.24	0.01	0.02	1.48	0.76	0.24	1.26	0.01	0.02
1.49	0.76	0.24	1.26	0.01	0.02	1.50	0.76	0.24	1.27	0.01	0.02
1.51	0.76	0.24	1.29	0.01	0.02	1.52	0.76	0.24	1.29	0.01	0.02
1.53	0.76	0.24	1.28	0.01	0.02	1.54	0.76	0.24	1.27	0.01	0.02
1.55	0.76	0.24	1.25	0.01	0.02	1.56	0.76	0.24	1.24	0.01	0.02
1.57	0.75	0.25	1.22	0.01	0.02	1.58	0.76	0.24	1.23	0.01	0.02
1.59	0.74	0.26	1.11	0.01	0.02	1.60	0.75	0.25	1.18	0.01	0.02
1.61	0.73	0.27	1.06	0.01	0.02	1.62	0.72	0.28	1.02	0.01	0.03
1.63	0.72	0.28	0.99	0.01	0.03	1.64	0.71	0.29	0.95	0.01	0.03
1.65	0.70	0.30	0.93	0.01	0.03	1.66	0.70	0.30	0.91	0.01	0.03
1.67	0.69	0.31	0.90	0.01	0.03	1.68	0.70	0.30	0.91	0.01	0.03
1.69	0.70	0.30	0.90	0.01	0.03	1.70	0.71	0.29	0.95	0.01	0.03
1.71	0.72	0.28	1.01	0.01	0.03	1.72	0.74	0.26	1.13	0.01	0.02
1.73	0.77	0.23	1.31	0.01	0.02	1.74	0.80	0.20	1.63	0.01	0.02
1.75	0.82	0.18	1.95	0.01	0.02	1.76	0.84	0.16	2.29	0.01	0.01
1.77	0.83	0.17	2.25	0.01	0.02	1.78	1.03	0.00	0.00	0.01	0.00
1.79	1.12	0.00	0.00	0.01	0.00	1.80	1.09	0.00	0.00	0.01	0.00
1.81	1.15	0.00	0.00	0.01	0.00	1.82	1.13	0.00	0.00	0.01	0.00
1.83	1.11	0.00	0.00	0.01	0.00	1.84	1.14	0.00	0.00	0.01	0.00
1.85	1.07	0.00	0.00	0.01	0.00	1.86	1.04	0.00	0.00	0.01	0.00
1.87	0.99	0.00	0.00	0.01	0.00	1.88	0.96	0.00	0.00	0.01	0.00
1.89	0.93	0.00	0.00	0.01	0.01	1.90	0.91	0.00	0.00	0.01	0.01
1.91	0.91	0.00	0.00	0.01	0.01	1.92	1.05	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.80	0.20	1.70	0.01	0.02	1.94	0.91	0.00	0.00	0.01	0.01
1.95	0.93	0.00	0.00	0.01	0.01	1.96	0.99	0.00	0.00	0.01	0.00
1.97	1.02	0.00	0.00	0.01	0.00	1.98	1.07	0.00	0.00	0.01	0.00
1.99	1.12	0.00	0.00	0.01	0.00	2.00	1.19	0.00	0.00	0.01	0.00
2.01	1.37	0.00	0.00	0.01	0.00	2.02	1.83	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	1.68	0.00	0.00	0.01	0.00
2.17	1.56	0.00	0.00	0.01	0.00	2.18	1.49	0.00	0.00	0.01	0.00
2.19	1.44	0.00	0.00	0.01	0.00	2.20	1.47	0.00	0.00	0.01	0.00
2.21	1.70	0.00	0.00	0.01	0.00	2.22	1.84	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	1.70	0.00	0.00	0.01	0.00	2.84	1.68	0.00	0.00	0.01	0.00
2.85	1.63	0.00	0.00	0.01	0.00	2.86	1.53	0.00	0.00	0.01	0.00
2.87	1.47	0.00	0.00	0.01	0.00	2.88	1.38	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.36	0.00	0.00	0.01	0.00	2.90	1.34	0.00	0.00	0.01	0.00
2.91	1.34	0.00	0.00	0.01	0.00	2.92	1.33	0.00	0.00	0.01	0.00
2.93	1.13	0.00	0.00	0.01	0.00	2.94	1.34	0.00	0.00	0.01	0.00
2.95	1.51	0.00	0.00	0.01	0.00	2.96	1.57	0.00	0.00	0.01	0.00
2.97	1.61	0.00	0.00	0.01	0.00	2.98	1.61	0.00	0.00	0.01	0.00
2.99	1.59	0.00	0.00	0.01	0.00	3.00	1.41	0.00	0.00	0.01	0.00
3.01	1.38	0.00	0.00	0.01	0.00	3.02	1.35	0.00	0.00	0.01	0.00
3.03	1.29	0.00	0.00	0.01	0.00	3.04	1.26	0.00	0.00	0.01	0.00
3.05	1.17	0.00	0.00	0.01	0.00	3.06	1.13	0.00	0.00	0.01	0.00
3.07	1.05	0.00	0.00	0.01	0.00	3.08	1.02	0.00	0.00	0.01	0.00
3.09	0.97	0.00	0.00	0.01	0.00	3.10	0.92	0.00	0.00	0.01	0.01
3.11	0.91	0.00	0.00	0.01	0.01	3.12	0.89	0.00	0.00	0.01	0.01
3.13	0.88	0.00	0.00	0.01	0.01	3.14	0.89	0.00	0.00	0.01	0.01
3.15	0.95	0.00	0.00	0.01	0.00	3.16	0.96	0.00	0.00	0.01	0.00
3.17	0.97	0.00	0.00	0.01	0.00	3.18	0.97	0.00	0.00	0.01	0.00
3.19	0.97	0.00	0.00	0.01	0.00	3.20	0.96	0.00	0.00	0.01	0.00
3.21	0.94	0.00	0.00	0.01	0.01	3.22	0.93	0.00	0.00	0.01	0.01
3.23	0.90	0.00	0.00	0.01	0.01	3.24	0.88	0.00	0.00	0.01	0.01
3.25	0.85	0.15	2.61	0.01	0.01	3.26	0.83	0.17	2.23	0.01	0.01
3.27	0.80	0.20	1.69	0.01	0.02	3.28	0.79	0.21	1.51	0.01	0.02
3.29	0.76	0.24	1.24	0.01	0.02	3.30	0.75	0.25	1.16	0.01	0.02
3.31	0.72	0.28	1.03	0.01	0.02	3.32	0.69	0.31	0.89	0.01	0.03
3.33	0.69	0.31	0.87	0.01	0.03	3.34	0.68	0.32	0.85	0.01	0.03
3.35	0.68	0.32	0.84	0.01	0.03	3.36	0.68	0.32	0.84	0.01	0.03
3.37	0.68	0.32	0.83	0.01	0.03	3.38	0.67	0.33	0.81	0.01	0.03
3.39	0.66	0.34	0.79	0.01	0.03	3.40	0.65	0.35	0.75	0.01	0.03
3.41	0.65	0.35	0.74	0.01	0.03	3.42	0.63	0.37	0.70	0.01	0.03
3.43	0.63	0.37	0.69	0.01	0.03	3.44	0.62	0.38	0.67	0.01	0.03
3.45	0.62	0.38	0.67	0.01	0.03	3.46	0.62	0.38	0.66	0.01	0.03
3.47	0.61	0.39	0.66	0.01	0.03	3.48	0.61	0.39	0.65	0.01	0.03
3.49	0.62	0.38	0.67	0.01	0.03	3.50	0.63	0.37	0.69	0.01	0.03
3.51	0.66	0.34	0.77	0.01	0.03	3.52	0.67	0.33	0.82	0.01	0.03
3.53	0.72	0.28	1.03	0.01	0.02	3.54	0.75	0.25	1.20	0.01	0.02
3.55	0.82	0.18	1.89	0.01	0.02	3.56	0.85	0.15	2.77	0.01	0.01
3.57	0.92	0.00	0.00	0.01	0.01	3.58	0.96	0.00	0.00	0.01	0.00
3.59	1.01	0.00	0.00	0.01	0.00	3.60	1.05	0.00	0.00	0.01	0.00
3.61	1.07	0.00	0.00	0.01	0.00	3.62	1.10	0.00	0.00	0.01	0.00
3.63	1.10	0.00	0.00	0.01	0.00	3.64	1.08	0.00	0.00	0.01	0.00
3.65	1.01	0.00	0.00	0.01	0.00	3.66	1.00	0.00	0.00	0.01	0.00
3.67	0.97	0.00	0.00	0.01	0.00	3.68	0.95	0.00	0.00	0.01	0.00
3.69	0.94	0.00	0.00	0.01	0.00	3.70	0.94	0.00	0.00	0.01	0.00
3.71	0.97	0.00	0.00	0.01	0.00	3.72	1.01	0.00	0.00	0.01	0.00
3.73	1.03	0.00	0.00	0.01	0.00	3.74	1.09	0.00	0.00	0.01	0.00
3.75	1.11	0.00	0.00	0.01	0.00	3.76	1.16	0.00	0.00	0.01	0.00
3.77	1.18	0.00	0.00	0.01	0.00	3.78	1.22	0.00	0.00	0.01	0.00
3.79	1.28	0.00	0.00	0.01	0.00	3.80	1.32	0.00	0.00	0.01	0.00
3.81	1.36	0.00	0.00	0.01	0.00	3.82	1.87	0.00	0.00	0.01	0.00
3.83	1.98	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	2.00	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	2.00	0.00	0.00	0.01	0.00
4.03	2.00	0.00	0.00	0.01	0.00	4.04	2.00	0.00	0.00	0.01	0.00
4.05	2.00	0.00	0.00	0.01	0.00	4.06	2.00	0.00	0.00	0.01	0.00
4.07	2.00	0.00	0.00	0.01	0.00	4.08	2.00	0.00	0.00	0.01	0.00
4.09	2.00	0.00	0.00	0.01	0.00	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	2.00	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	2.00	0.00	0.00	0.01	0.00	4.18	2.00	0.00	0.00	0.01	0.00
4.19	2.00	0.00	0.00	0.01	0.00	4.20	2.00	0.00	0.00	0.01	0.00
4.21	2.00	0.00	0.00	0.01	0.00	4.22	2.00	0.00	0.00	0.01	0.00
4.23	2.00	0.00	0.00	0.01	0.00	4.24	2.00	0.00	0.00	0.01	0.00
4.25	2.00	0.00	0.00	0.01	0.00	4.26	2.00	0.00	0.00	0.01	0.00
4.27	2.00	0.00	0.00	0.01	0.00	4.28	2.00	0.00	0.00	0.01	0.00
4.29	2.00	0.00	0.00	0.01	0.00	4.30	2.00	0.00	0.00	0.01	0.00
4.31	2.00	0.00	0.00	0.01	0.00	4.32	2.00	0.00	0.00	0.01	0.00
4.33	2.00	0.00	0.00	0.01	0.00	4.34	2.00	0.00	0.00	0.01	0.00
4.35	2.00	0.00	0.00	0.01	0.00	4.36	2.00	0.00	0.00	0.01	0.00
4.37	2.00	0.00	0.00	0.01	0.00	4.38	2.00	0.00	0.00	0.01	0.00
4.39	2.00	0.00	0.00	0.01	0.00	4.40	2.00	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	2.00	0.00	0.00	0.01	0.00
4.43	2.00	0.00	0.00	0.01	0.00	4.44	2.00	0.00	0.00	0.01	0.00
4.45	2.00	0.00	0.00	0.01	0.00	4.46	2.00	0.00	0.00	0.01	0.00
4.47	2.00	0.00	0.00	0.01	0.00	4.48	1.72	0.00	0.00	0.01	0.00
4.49	1.54	0.00	0.00	0.01	0.00	4.50	1.48	0.00	0.00	0.01	0.00
4.51	1.41	0.00	0.00	0.01	0.00	4.52	1.38	0.00	0.00	0.01	0.00
4.53	1.30	0.00	0.00	0.01	0.00	4.54	1.20	0.00	0.00	0.01	0.00
4.55	1.19	0.00	0.00	0.01	0.00	4.56	1.16	0.00	0.00	0.01	0.00
4.57	1.12	0.00	0.00	0.01	0.00	4.58	1.08	0.00	0.00	0.01	0.00
4.59	1.06	0.00	0.00	0.01	0.00	4.60	1.05	0.00	0.00	0.01	0.00
4.61	1.05	0.00	0.00	0.01	0.00	4.62	1.04	0.00	0.00	0.01	0.00
4.63	1.04	0.00	0.00	0.01	0.00	4.64	1.03	0.00	0.00	0.01	0.00
4.65	1.01	0.00	0.00	0.01	0.00	4.66	0.99	0.00	0.00	0.01	0.00
4.67	0.94	0.00	0.00	0.01	0.00	4.68	0.89	0.00	0.00	0.01	0.01
4.69	0.80	0.20	1.64	0.01	0.02	4.70	0.79	0.21	1.49	0.01	0.02
4.71	0.77	0.23	1.35	0.01	0.02	4.72	0.76	0.24	1.25	0.01	0.02
4.73	0.74	0.26	1.14	0.01	0.02	4.74	0.73	0.27	1.04	0.01	0.02
4.75	0.72	0.28	1.00	0.01	0.02	4.76	0.71	0.29	0.96	0.01	0.02
4.77	0.70	0.30	0.94	0.01	0.02	4.78	0.70	0.30	0.92	0.01	0.02
4.79	0.70	0.30	0.93	0.01	0.02	4.80	0.71	0.29	0.94	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.71	0.29	0.97	0.01	0.02	4.82	0.72	0.28	1.01	0.01	0.02
4.83	0.72	0.28	1.03	0.01	0.02	4.84	0.74	0.26	1.12	0.01	0.02
4.85	0.81	0.19	1.85	0.01	0.01	4.86	0.82	0.18	1.96	0.01	0.01
4.87	0.84	0.16	2.43	0.01	0.01	4.88	0.85	0.15	2.65	0.01	0.01
4.89	0.85	0.15	2.78	0.01	0.01	4.90	0.87	0.00	0.00	0.01	0.01
4.91	0.87	0.00	0.00	0.01	0.01	4.92	0.87	0.00	0.00	0.01	0.01
4.93	0.81	0.19	1.78	0.01	0.01	4.94	0.81	0.19	1.76	0.01	0.01
4.95	0.78	0.22	1.45	0.01	0.02	4.96	0.74	0.26	1.10	0.01	0.02
4.97	0.72	0.28	1.00	0.01	0.02	4.98	0.70	0.30	0.90	0.01	0.02
4.99	0.68	0.32	0.85	0.01	0.02	5.00	0.68	0.32	0.83	0.01	0.02
5.01	0.68	0.32	0.86	0.01	0.02	5.02	0.70	0.30	0.91	0.01	0.02
5.03	0.70	0.30	0.93	0.01	0.02	5.04	0.72	0.28	1.01	0.01	0.02
5.05	0.74	0.26	1.12	0.01	0.02	5.06	0.75	0.25	1.18	0.01	0.02
5.07	0.78	0.22	1.39	0.01	0.02	5.08	0.79	0.21	1.57	0.01	0.02
5.09	0.81	0.19	1.80	0.01	0.01	5.10	0.83	0.17	2.07	0.01	0.01
5.11	0.82	0.18	2.04	0.01	0.01	5.12	0.84	0.16	2.40	0.01	0.01
5.13	0.88	0.00	0.00	0.01	0.01	5.14	0.90	0.00	0.00	0.01	0.01
5.15	0.95	0.00	0.00	0.01	0.00	5.16	0.97	0.00	0.00	0.01	0.00
5.17	1.01	0.00	0.00	0.01	0.00	5.18	1.01	0.00	0.00	0.01	0.00
5.19	1.00	0.00	0.00	0.01	0.00	5.20	0.97	0.00	0.00	0.01	0.00
5.21	0.95	0.00	0.00	0.01	0.00	5.22	0.92	0.00	0.00	0.01	0.01
5.23	0.91	0.00	0.00	0.01	0.01	5.24	0.88	0.00	0.00	0.01	0.01
5.25	0.87	0.00	0.00	0.01	0.01	5.26	0.75	0.25	1.21	0.01	0.02
5.27	0.74	0.26	1.12	0.01	0.02	5.28	0.71	0.29	0.98	0.01	0.02
5.29	0.70	0.30	0.92	0.01	0.02	5.30	0.68	0.32	0.83	0.01	0.02
5.31	0.66	0.34	0.78	0.01	0.02	5.32	0.64	0.36	0.71	0.01	0.03
5.33	0.62	0.38	0.68	0.01	0.03	5.34	0.60	0.40	0.64	0.01	0.03
5.35	0.58	0.42	0.60	0.01	0.03	5.36	0.58	0.42	0.59	0.01	0.03
5.37	0.56	0.44	0.56	0.01	0.03	5.38	0.55	0.45	0.55	0.01	0.03
5.39	0.54	0.46	0.53	0.01	0.03	5.40	0.53	0.47	0.52	0.01	0.03
5.41	0.53	0.47	0.51	0.01	0.03	5.42	0.50	0.50	0.48	0.01	0.04
5.43	0.50	0.50	0.47	0.01	0.04	5.44	0.50	0.50	0.47	0.01	0.04
5.45	0.50	0.50	0.48	0.01	0.04	5.46	0.51	0.49	0.49	0.01	0.04
5.47	0.52	0.48	0.50	0.01	0.03	5.48	0.53	0.47	0.51	0.01	0.03
5.49	0.55	0.45	0.55	0.01	0.03	5.50	0.56	0.44	0.57	0.01	0.03
5.51	0.60	0.40	0.63	0.01	0.03	5.52	0.62	0.38	0.67	0.01	0.03
5.53	0.66	0.34	0.77	0.01	0.02	5.54	0.67	0.33	0.82	0.01	0.02
5.55	0.70	0.30	0.90	0.01	0.02	5.56	0.70	0.30	0.92	0.01	0.02
5.57	0.69	0.31	0.87	0.01	0.02	5.58	0.59	0.41	0.62	0.01	0.03
5.59	0.58	0.42	0.59	0.01	0.03	5.60	0.55	0.45	0.55	0.01	0.03
5.61	0.54	0.46	0.53	0.01	0.03	5.62	0.51	0.49	0.50	0.01	0.03
5.63	0.50	0.50	0.48	0.01	0.04	5.64	0.49	0.51	0.47	0.01	0.04
5.65	0.49	0.51	0.46	0.01	0.04	5.66	0.48	0.52	0.46	0.01	0.04
5.67	0.49	0.51	0.46	0.01	0.04	5.68	0.48	0.52	0.46	0.01	0.04
5.69	0.48	0.52	0.46	0.01	0.04	5.70	0.48	0.52	0.45	0.01	0.04
5.71	0.47	0.53	0.45	0.01	0.04	5.72	0.47	0.53	0.45	0.01	0.04
5.73	0.47	0.53	0.44	0.01	0.04	5.74	0.46	0.54	0.43	0.01	0.04
5.75	0.46	0.54	0.43	0.01	0.04	5.76	0.45	0.55	0.43	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.45	0.55	0.43	0.01	0.04	5.78	0.46	0.54	0.43	0.01	0.04
5.79	0.46	0.54	0.44	0.01	0.04	5.80	0.46	0.54	0.44	0.01	0.04
5.81	0.46	0.54	0.44	0.01	0.04	5.82	0.47	0.53	0.44	0.01	0.04
5.83	0.47	0.53	0.45	0.01	0.04	5.84	0.47	0.53	0.45	0.01	0.04
5.85	0.48	0.52	0.45	0.01	0.04	5.86	0.48	0.52	0.46	0.01	0.04
5.87	0.48	0.52	0.46	0.01	0.04	5.88	0.48	0.52	0.46	0.01	0.04
5.89	0.49	0.51	0.47	0.01	0.04	5.90	0.49	0.51	0.47	0.01	0.04
5.91	0.49	0.51	0.47	0.01	0.04	5.92	0.49	0.51	0.47	0.01	0.04
5.93	0.49	0.51	0.47	0.01	0.04	5.94	0.54	0.46	0.52	0.01	0.03
5.95	0.54	0.46	0.52	0.01	0.03	5.96	0.61	0.39	0.65	0.01	0.03
5.97	0.62	0.38	0.67	0.01	0.03	5.98	0.63	0.37	0.69	0.01	0.03
5.99	0.65	0.35	0.74	0.01	0.02	6.00	0.65	0.35	0.75	0.01	0.02
6.01	0.66	0.34	0.77	0.01	0.02	6.02	0.65	0.35	0.75	0.01	0.02
6.03	0.63	0.37	0.70	0.01	0.03	6.04	0.61	0.39	0.66	0.01	0.03
6.05	0.60	0.40	0.63	0.01	0.03	6.06	0.57	0.43	0.58	0.01	0.03
6.07	0.56	0.44	0.56	0.01	0.03	6.08	0.55	0.45	0.55	0.01	0.03
6.09	0.54	0.46	0.54	0.01	0.03	6.10	0.54	0.46	0.53	0.01	0.03
6.11	0.54	0.46	0.53	0.01	0.03	6.12	0.55	0.45	0.54	0.01	0.03
6.13	0.55	0.45	0.54	0.01	0.03	6.14	0.55	0.45	0.54	0.01	0.03
6.15	0.54	0.46	0.54	0.01	0.03	6.16	0.53	0.47	0.52	0.01	0.03
6.17	0.53	0.47	0.52	0.01	0.03	6.18	0.52	0.48	0.51	0.01	0.03
6.19	0.52	0.48	0.51	0.01	0.03	6.20	0.52	0.48	0.50	0.01	0.03
6.21	0.52	0.48	0.50	0.01	0.03	6.22	0.51	0.49	0.49	0.01	0.03
6.23	0.51	0.49	0.49	0.01	0.03	6.24	0.51	0.49	0.50	0.01	0.03
6.25	0.51	0.49	0.49	0.01	0.03	6.26	0.52	0.48	0.50	0.01	0.03
6.27	0.52	0.48	0.50	0.01	0.03	6.28	0.51	0.49	0.50	0.01	0.03
6.29	0.51	0.49	0.49	0.01	0.03	6.30	0.50	0.50	0.48	0.01	0.03
6.31	0.48	0.52	0.45	0.01	0.04	6.32	0.49	0.51	0.47	0.01	0.03
6.33	0.49	0.51	0.46	0.01	0.04	6.34	0.49	0.51	0.47	0.01	0.03
6.35	0.50	0.50	0.48	0.01	0.03	6.36	0.51	0.49	0.49	0.01	0.03
6.37	0.51	0.49	0.49	0.01	0.03	6.38	0.50	0.50	0.48	0.01	0.03
6.39	0.50	0.50	0.48	0.01	0.03	6.40	0.50	0.50	0.48	0.01	0.03
6.41	0.49	0.51	0.47	0.01	0.03	6.42	0.49	0.51	0.46	0.01	0.03
6.43	0.47	0.53	0.45	0.01	0.04	6.44	0.47	0.53	0.44	0.01	0.04
6.45	0.46	0.54	0.44	0.01	0.04	6.46	0.45	0.55	0.43	0.01	0.04
6.47	0.45	0.55	0.43	0.01	0.04	6.48	0.45	0.55	0.42	0.01	0.04
6.49	0.44	0.56	0.42	0.01	0.04	6.50	0.48	0.52	0.46	0.01	0.04
6.51	0.49	0.51	0.46	0.01	0.03	6.52	0.52	0.48	0.51	0.01	0.03
6.53	0.53	0.47	0.51	0.01	0.03	6.54	0.53	0.47	0.51	0.01	0.03
6.55	0.52	0.48	0.50	0.01	0.03	6.56	0.52	0.48	0.50	0.01	0.03
6.57	0.49	0.51	0.47	0.01	0.03	6.58	0.49	0.51	0.47	0.01	0.03
6.59	0.48	0.52	0.46	0.01	0.03	6.60	0.49	0.51	0.47	0.01	0.03
6.61	0.53	0.47	0.52	0.01	0.03	6.62	0.55	0.45	0.54	0.01	0.03
6.63	0.56	0.44	0.56	0.01	0.03	6.64	0.57	0.43	0.58	0.01	0.03
6.65	0.57	0.43	0.58	0.01	0.03	6.66	0.57	0.43	0.57	0.01	0.03
6.67	0.55	0.45	0.54	0.01	0.03	6.68	0.53	0.47	0.52	0.01	0.03
6.69	0.53	0.47	0.51	0.01	0.03	6.70	0.47	0.53	0.45	0.01	0.04
6.71	0.46	0.54	0.44	0.01	0.04	6.72	0.47	0.53	0.45	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.50	0.50	0.48	0.01	0.03	6.74	0.52	0.48	0.50	0.01	0.03
6.75	0.54	0.46	0.53	0.01	0.03	6.76	0.56	0.44	0.55	0.01	0.03
6.77	0.56	0.44	0.55	0.01	0.03	6.78	0.57	0.43	0.57	0.01	0.03
6.79	0.57	0.43	0.58	0.01	0.03	6.80	0.56	0.44	0.56	0.01	0.03
6.81	0.56	0.44	0.56	0.01	0.03	6.82	0.56	0.44	0.56	0.01	0.03
6.83	0.55	0.45	0.54	0.01	0.03	6.84	0.55	0.45	0.54	0.01	0.03
6.85	0.54	0.46	0.53	0.01	0.03	6.86	0.54	0.46	0.53	0.01	0.03
6.87	0.52	0.48	0.51	0.01	0.03	6.88	0.49	0.51	0.47	0.01	0.03
6.89	0.50	0.50	0.48	0.01	0.03	6.90	0.50	0.50	0.48	0.01	0.03
6.91	0.50	0.50	0.48	0.01	0.03	6.92	0.50	0.50	0.48	0.01	0.03
6.93	0.49	0.51	0.47	0.01	0.03	6.94	0.48	0.52	0.46	0.01	0.03
6.95	0.48	0.52	0.45	0.01	0.03	6.96	0.47	0.53	0.44	0.01	0.03
6.97	0.47	0.53	0.44	0.01	0.03	6.98	0.46	0.54	0.44	0.01	0.03
6.99	0.46	0.54	0.44	0.01	0.04	7.00	0.47	0.53	0.45	0.01	0.03
7.01	0.52	0.48	0.50	0.01	0.03	7.02	0.52	0.48	0.51	0.01	0.03
7.03	0.53	0.47	0.51	0.01	0.03	7.04	0.52	0.48	0.50	0.01	0.03
7.05	0.51	0.49	0.49	0.01	0.03	7.06	0.51	0.49	0.49	0.01	0.03
7.07	0.49	0.51	0.47	0.01	0.03	7.08	0.49	0.51	0.46	0.01	0.03
7.09	0.48	0.52	0.46	0.01	0.03	7.10	0.46	0.54	0.44	0.01	0.03
7.11	0.46	0.54	0.43	0.01	0.04	7.12	0.45	0.55	0.43	0.01	0.04
7.13	0.45	0.55	0.42	0.01	0.04	7.14	0.44	0.56	0.42	0.01	0.04
7.15	0.44	0.56	0.42	0.01	0.04	7.16	0.44	0.56	0.42	0.01	0.04
7.17	0.44	0.56	0.42	0.01	0.04	7.18	0.44	0.56	0.42	0.01	0.04
7.19	0.44	0.56	0.42	0.01	0.04	7.20	0.45	0.55	0.43	0.01	0.04
7.21	0.47	0.53	0.44	0.01	0.03	7.22	0.47	0.53	0.45	0.01	0.03
7.23	0.47	0.53	0.45	0.01	0.03	7.24	0.48	0.52	0.45	0.01	0.03
7.25	0.48	0.52	0.45	0.01	0.03	7.26	0.47	0.53	0.45	0.01	0.03
7.27	0.47	0.53	0.45	0.01	0.03	7.28	0.47	0.53	0.45	0.01	0.03
7.29	0.47	0.53	0.44	0.01	0.03	7.30	0.47	0.53	0.44	0.01	0.03
7.31	0.47	0.53	0.44	0.01	0.03	7.32	0.46	0.54	0.44	0.01	0.03
7.33	0.46	0.54	0.44	0.01	0.03	7.34	0.46	0.54	0.44	0.01	0.03
7.35	0.46	0.54	0.44	0.01	0.03	7.36	0.46	0.54	0.43	0.01	0.03
7.37	0.45	0.55	0.43	0.01	0.03	7.38	0.44	0.56	0.42	0.01	0.04
7.39	0.45	0.55	0.43	0.01	0.03	7.40	0.44	0.56	0.42	0.01	0.04
7.41	0.45	0.55	0.43	0.01	0.03	7.42	0.46	0.54	0.44	0.01	0.03
7.43	0.47	0.53	0.45	0.01	0.03	7.44	0.48	0.52	0.45	0.01	0.03
7.45	0.48	0.52	0.45	0.01	0.03	7.46	0.48	0.52	0.46	0.01	0.03
7.47	0.48	0.52	0.46	0.01	0.03	7.48	0.48	0.52	0.46	0.01	0.03
7.49	0.47	0.53	0.45	0.01	0.03	7.50	0.47	0.53	0.44	0.01	0.03
7.51	0.47	0.53	0.44	0.01	0.03	7.52	0.47	0.53	0.44	0.01	0.03
7.53	0.45	0.55	0.43	0.01	0.03	7.54	0.45	0.55	0.42	0.01	0.03
7.55	0.44	0.56	0.41	0.01	0.04	7.56	0.43	0.57	0.41	0.01	0.04
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	0.41	0.59	0.40	0.01	0.04	8.08	0.42	0.58	0.40	0.01	0.03
8.09	0.44	0.56	0.42	0.01	0.03	8.10	0.42	0.58	0.40	0.01	0.03
8.11	0.55	0.45	0.55	0.01	0.03	8.12	0.47	0.53	0.45	0.01	0.03
8.13	0.49	0.51	0.47	0.01	0.03	8.14	0.50	0.50	0.48	0.01	0.03
8.15	0.53	0.47	0.52	0.01	0.03	8.16	0.54	0.46	0.53	0.01	0.03
8.17	0.55	0.45	0.55	0.01	0.03	8.18	0.57	0.43	0.58	0.01	0.03
8.19	0.58	0.42	0.59	0.01	0.02	8.20	0.58	0.42	0.60	0.01	0.02
8.21	0.58	0.42	0.59	0.01	0.02	8.22	0.58	0.42	0.59	0.01	0.02
8.23	0.57	0.43	0.58	0.01	0.03	8.24	0.57	0.43	0.58	0.01	0.03
8.25	0.57	0.43	0.58	0.01	0.03	8.26	0.57	0.43	0.58	0.01	0.03
8.27	0.57	0.43	0.57	0.01	0.03	8.28	0.57	0.43	0.57	0.01	0.03
8.29	0.56	0.44	0.57	0.01	0.03	8.30	0.55	0.45	0.55	0.01	0.03
8.31	0.55	0.45	0.55	0.01	0.03	8.32	0.55	0.45	0.54	0.01	0.03
8.33	0.54	0.46	0.53	0.01	0.03	8.34	0.54	0.46	0.53	0.01	0.03
8.35	0.54	0.46	0.52	0.01	0.03	8.36	0.52	0.48	0.51	0.01	0.03
8.37	0.52	0.48	0.51	0.01	0.03	8.38	0.51	0.49	0.50	0.01	0.03
8.39	0.52	0.48	0.50	0.01	0.03	8.40	0.52	0.48	0.51	0.01	0.03
8.41	0.52	0.48	0.50	0.01	0.03	8.42	0.52	0.48	0.51	0.01	0.03
8.43	0.54	0.46	0.52	0.01	0.03	8.44	0.53	0.47	0.52	0.01	0.03
8.45	0.54	0.46	0.53	0.01	0.03	8.46	0.54	0.46	0.53	0.01	0.03
8.47	0.53	0.47	0.52	0.01	0.03	8.48	0.53	0.47	0.52	0.01	0.03
8.49	0.52	0.48	0.50	0.01	0.03	8.50	0.52	0.48	0.50	0.01	0.03
8.51	0.51	0.49	0.49	0.01	0.03	8.52	0.51	0.49	0.49	0.01	0.03
8.53	0.51	0.49	0.49	0.01	0.03	8.54	0.52	0.48	0.50	0.01	0.03
8.55	0.51	0.49	0.48	0.01	0.03	8.56	0.50	0.50	0.48	0.01	0.03
8.57	0.49	0.51	0.47	0.01	0.03	8.58	0.48	0.52	0.45	0.01	0.03
8.59	0.48	0.52	0.46	0.01	0.03	8.60	0.49	0.51	0.46	0.01	0.03
8.61	0.48	0.52	0.46	0.01	0.03	8.62	0.49	0.51	0.47	0.01	0.03
8.63	0.49	0.51	0.47	0.01	0.03	8.64	0.49	0.51	0.46	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	0.48	0.52	0.46	0.01	0.03	8.66	0.48	0.52	0.46	0.01	0.03
8.67	0.49	0.51	0.47	0.01	0.03	8.68	0.49	0.51	0.47	0.01	0.03
8.69	0.49	0.51	0.46	0.01	0.03	8.70	0.49	0.51	0.47	0.01	0.03
8.71	0.49	0.51	0.47	0.01	0.03	8.72	0.50	0.50	0.48	0.01	0.03
8.73	0.50	0.50	0.48	0.01	0.03	8.74	0.51	0.49	0.49	0.01	0.03
8.75	0.51	0.49	0.49	0.01	0.03	8.76	0.51	0.49	0.49	0.01	0.03
8.77	0.49	0.51	0.47	0.01	0.03	8.78	0.47	0.53	0.45	0.01	0.03
8.79	0.45	0.55	0.43	0.01	0.03	8.80	0.43	0.57	0.41	0.01	0.03
8.81	0.42	0.58	0.40	0.01	0.03	8.82	0.42	0.58	0.41	0.01	0.03
8.83	0.43	0.57	0.41	0.01	0.03	8.84	0.45	0.55	0.43	0.01	0.03
8.85	0.46	0.54	0.44	0.01	0.03	8.86	0.47	0.53	0.45	0.01	0.03
8.87	0.47	0.53	0.45	0.01	0.03	8.88	0.47	0.53	0.45	0.01	0.03
8.89	0.47	0.53	0.45	0.01	0.03	8.90	0.47	0.53	0.45	0.01	0.03
8.91	0.47	0.53	0.45	0.01	0.03	8.92	0.47	0.53	0.45	0.01	0.03
8.93	0.47	0.53	0.44	0.01	0.03	8.94	0.44	0.56	0.42	0.01	0.03
8.95	0.42	0.58	0.40	0.01	0.03	8.96	0.42	0.58	0.40	0.01	0.03
8.97	0.40	0.60	0.39	0.01	0.03	8.98	0.41	0.59	0.39	0.01	0.03
8.99	0.41	0.59	0.39	0.01	0.03	9.00	0.41	0.59	0.40	0.01	0.03
9.01	0.41	0.59	0.40	0.01	0.03	9.02	0.42	0.58	0.40	0.01	0.03
9.03	0.42	0.58	0.40	0.01	0.03	9.04	0.43	0.57	0.41	0.01	0.03
9.05	0.43	0.57	0.41	0.01	0.03	9.06	0.43	0.57	0.41	0.01	0.03
9.07	0.44	0.56	0.42	0.01	0.03	9.08	0.44	0.56	0.42	0.01	0.03
9.09	0.44	0.56	0.42	0.01	0.03	9.10	0.45	0.55	0.42	0.01	0.03
9.11	0.45	0.55	0.42	0.01	0.03	9.12	0.45	0.55	0.42	0.01	0.03
9.13	0.45	0.55	0.43	0.01	0.03	9.14	0.44	0.56	0.42	0.01	0.03
9.15	0.45	0.55	0.42	0.01	0.03	9.16	0.45	0.55	0.43	0.01	0.03
9.17	0.48	0.52	0.46	0.01	0.03	9.18	0.49	0.51	0.47	0.01	0.03
9.19	0.50	0.50	0.48	0.01	0.03	9.20	0.51	0.49	0.49	0.01	0.03
9.21	0.51	0.49	0.49	0.01	0.03	9.22	0.52	0.48	0.50	0.01	0.03
9.23	0.52	0.48	0.50	0.01	0.03	9.24	0.52	0.48	0.50	0.01	0.03
9.25	0.51	0.49	0.49	0.01	0.03	9.26	0.51	0.49	0.49	0.01	0.03
9.27	0.51	0.49	0.49	0.01	0.03	9.28	0.50	0.50	0.48	0.01	0.03
9.29	0.50	0.50	0.47	0.01	0.03	9.30	0.49	0.51	0.47	0.01	0.03
9.31	0.48	0.52	0.46	0.01	0.03	9.32	0.48	0.52	0.45	0.01	0.03
9.33	0.47	0.53	0.45	0.01	0.03	9.34	0.47	0.53	0.44	0.01	0.03
9.35	0.47	0.53	0.45	0.01	0.03	9.36	0.46	0.54	0.43	0.01	0.03
9.37	0.45	0.55	0.42	0.01	0.03	9.38	0.43	0.57	0.41	0.01	0.03
9.39	0.42	0.58	0.40	0.01	0.03	9.40	0.42	0.58	0.40	0.01	0.03
9.41	0.41	0.59	0.39	0.01	0.03	9.42	0.41	0.59	0.39	0.01	0.03
9.43	0.41	0.59	0.39	0.01	0.03	9.44	0.41	0.59	0.39	0.01	0.03
9.45	0.41	0.59	0.40	0.01	0.03	9.46	0.43	0.57	0.41	0.01	0.03
9.47	0.43	0.57	0.41	0.01	0.03	9.48	0.44	0.56	0.42	0.01	0.03
9.49	0.45	0.55	0.43	0.01	0.03	9.50	0.45	0.55	0.43	0.01	0.03
9.51	0.46	0.54	0.43	0.01	0.03	9.52	0.46	0.54	0.44	0.01	0.03
9.53	0.46	0.54	0.44	0.01	0.03	9.54	0.46	0.54	0.44	0.01	0.03
9.55	0.46	0.54	0.43	0.01	0.03	9.56	0.46	0.54	0.43	0.01	0.03
9.57	0.46	0.54	0.43	0.01	0.03	9.58	0.46	0.54	0.43	0.01	0.03
9.59	0.46	0.54	0.44	0.01	0.03	9.60	0.46	0.54	0.44	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	0.46	0.54	0.44	0.01	0.03	9.62	0.46	0.54	0.44	0.01	0.03
9.63	0.46	0.54	0.44	0.01	0.03	9.64	0.46	0.54	0.44	0.01	0.03
9.65	0.46	0.54	0.44	0.01	0.03	9.66	0.47	0.53	0.44	0.01	0.03
9.67	0.47	0.53	0.45	0.01	0.03	9.68	0.48	0.52	0.46	0.01	0.03
9.69	0.50	0.50	0.47	0.01	0.03	9.70	0.50	0.50	0.48	0.01	0.03
9.71	0.51	0.49	0.48	0.01	0.03	9.72	0.53	0.47	0.52	0.01	0.02
9.73	0.52	0.48	0.50	0.01	0.02	9.74	0.54	0.46	0.52	0.01	0.02
9.75	0.53	0.47	0.52	0.01	0.02	9.76	0.53	0.47	0.52	0.01	0.02
9.77	0.53	0.47	0.52	0.01	0.02	9.78	0.53	0.47	0.52	0.01	0.02
9.79	0.53	0.47	0.52	0.01	0.02	9.80	0.53	0.47	0.51	0.01	0.02
9.81	0.52	0.48	0.51	0.01	0.02	9.82	0.52	0.48	0.50	0.01	0.02
9.83	0.52	0.48	0.50	0.01	0.02	9.84	0.52	0.48	0.50	0.01	0.02
9.85	0.51	0.49	0.49	0.01	0.02	9.86	0.51	0.49	0.49	0.01	0.02
9.87	0.50	0.50	0.48	0.01	0.03	9.88	0.50	0.50	0.48	0.01	0.03
9.89	0.49	0.51	0.47	0.01	0.03	9.90	0.49	0.51	0.47	0.01	0.03
9.91	0.49	0.51	0.47	0.01	0.03	9.92	0.49	0.51	0.47	0.01	0.03
9.93	0.46	0.54	0.43	0.01	0.03	9.94	0.45	0.55	0.43	0.01	0.03
9.95	0.46	0.54	0.43	0.01	0.03	9.96	0.46	0.54	0.44	0.01	0.03
9.97	0.47	0.53	0.44	0.01	0.03	9.98	0.48	0.52	0.46	0.01	0.03
9.99	0.49	0.51	0.46	0.01	0.03	10.00	0.49	0.51	0.47	0.01	0.03
10.01	0.50	0.50	0.47	0.01	0.03	10.02	0.50	0.50	0.48	0.01	0.02
10.03	0.50	0.50	0.48	0.01	0.02	10.04	0.50	0.50	0.48	0.01	0.02
10.05	0.50	0.50	0.48	0.01	0.02	10.06	0.48	0.52	0.45	0.01	0.03
10.07	0.48	0.52	0.46	0.01	0.03	10.08	0.46	0.54	0.43	0.01	0.03
10.09	0.45	0.55	0.43	0.01	0.03	10.10	0.45	0.55	0.43	0.01	0.03
10.11	0.47	0.53	0.44	0.01	0.03	10.12	0.47	0.53	0.45	0.01	0.03
10.13	0.48	0.52	0.46	0.01	0.03	10.14	0.49	0.51	0.46	0.01	0.03
10.15	0.49	0.51	0.46	0.01	0.03	10.16	0.48	0.52	0.46	0.01	0.03
10.17	0.47	0.53	0.44	0.01	0.03	10.18	0.44	0.56	0.42	0.01	0.03
10.19	0.42	0.58	0.40	0.01	0.03	10.20	0.41	0.59	0.39	0.01	0.03
10.21	0.41	0.59	0.39	0.01	0.03	10.22	0.41	0.59	0.39	0.01	0.03
10.23	0.41	0.59	0.40	0.01	0.03	10.24	0.45	0.55	0.43	0.01	0.03
10.25	0.47	0.53	0.44	0.01	0.03	10.26	0.50	0.50	0.48	0.01	0.02
10.27	0.51	0.49	0.49	0.01	0.02	10.28	0.51	0.49	0.49	0.01	0.02
10.29	0.51	0.49	0.49	0.01	0.02	10.30	0.51	0.49	0.49	0.01	0.02
10.31	0.51	0.49	0.49	0.01	0.02	10.32	0.50	0.50	0.48	0.01	0.02
10.33	0.50	0.50	0.48	0.01	0.02	10.34	0.50	0.50	0.48	0.01	0.02
10.35	0.50	0.50	0.48	0.01	0.02	10.36	0.50	0.50	0.48	0.01	0.02
10.37	0.50	0.50	0.48	0.01	0.02	10.38	0.49	0.51	0.47	0.01	0.02
10.39	0.49	0.51	0.47	0.01	0.02	10.40	0.49	0.51	0.47	0.01	0.02
10.41	0.48	0.52	0.46	0.01	0.02	10.42	0.48	0.52	0.46	0.01	0.02
10.43	0.48	0.52	0.45	0.01	0.02	10.44	0.46	0.54	0.43	0.01	0.03
10.45	0.46	0.54	0.43	0.01	0.03	10.46	0.45	0.55	0.43	0.01	0.03
10.47	0.46	0.54	0.43	0.01	0.03	10.48	0.46	0.54	0.43	0.01	0.03
10.49	0.46	0.54	0.43	0.01	0.03	10.50	0.46	0.54	0.43	0.01	0.03
10.51	0.46	0.54	0.44	0.01	0.03	10.52	0.46	0.54	0.44	0.01	0.03
10.53	0.46	0.54	0.44	0.01	0.03	10.54	0.46	0.54	0.44	0.01	0.03
10.55	0.46	0.54	0.43	0.01	0.03	10.56	0.45	0.55	0.43	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	0.45	0.55	0.42	0.01	0.03	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.07	2.00	0.00	0.00	0.01	0.00	16.08	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.01	0.00	16.10	2.00	0.00	0.00	0.01	0.00
16.11	2.00	0.00	0.00	0.01	0.00	16.12	2.00	0.00	0.00	0.01	0.00
16.13	2.00	0.00	0.00	0.01	0.00	16.14	2.00	0.00	0.00	0.01	0.00
16.15	2.00	0.00	0.00	0.01	0.00	16.16	2.00	0.00	0.00	0.01	0.00
16.17	2.00	0.00	0.00	0.01	0.00	16.18	2.00	0.00	0.00	0.01	0.00
16.19	2.00	0.00	0.00	0.01	0.00	16.20	2.00	0.00	0.00	0.01	0.00
16.21	2.00	0.00	0.00	0.01	0.00	16.22	2.00	0.00	0.00	0.01	0.00
16.23	2.00	0.00	0.00	0.01	0.00	16.24	2.00	0.00	0.00	0.01	0.00
16.25	2.00	0.00	0.00	0.01	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.27	2.00	0.00	0.00	0.01	0.00	16.28	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.01	0.00	16.30	2.00	0.00	0.00	0.01	0.00
16.31	2.00	0.00	0.00	0.01	0.00	16.32	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.33	2.00	0.00	0.00	0.01	0.00	16.34	2.00	0.00	0.00	0.01	0.00
16.35	2.00	0.00	0.00	0.01	0.00	16.36	2.00	0.00	0.00	0.01	0.00
16.37	2.00	0.00	0.00	0.01	0.00	16.38	2.00	0.00	0.00	0.01	0.00
16.39	2.00	0.00	0.00	0.01	0.00	16.40	2.00	0.00	0.00	0.01	0.00
16.41	2.00	0.00	0.00	0.01	0.00	16.42	2.00	0.00	0.00	0.01	0.00
16.43	2.00	0.00	0.00	0.01	0.00	16.44	2.00	0.00	0.00	0.01	0.00
16.45	2.00	0.00	0.00	0.01	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.47	2.00	0.00	0.00	0.01	0.00	16.48	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.01	0.00	16.50	2.00	0.00	0.00	0.01	0.00
16.51	2.00	0.00	0.00	0.01	0.00	16.52	2.00	0.00	0.00	0.01	0.00
16.53	2.00	0.00	0.00	0.01	0.00	16.54	2.00	0.00	0.00	0.01	0.00
16.55	2.00	0.00	0.00	0.01	0.00	16.56	2.00	0.00	0.00	0.01	0.00
16.57	2.00	0.00	0.00	0.01	0.00	16.58	2.00	0.00	0.00	0.01	0.00
16.59	2.00	0.00	0.00	0.01	0.00	16.60	2.00	0.00	0.00	0.01	0.00
16.61	2.00	0.00	0.00	0.01	0.00	16.62	2.00	0.00	0.00	0.01	0.00
16.63	2.00	0.00	0.00	0.01	0.00	16.64	2.00	0.00	0.00	0.01	0.00
16.65	2.00	0.00	0.00	0.01	0.00	16.66	2.00	0.00	0.00	0.01	0.00
16.67	2.00	0.00	0.00	0.01	0.00	16.68	2.00	0.00	0.00	0.01	0.00
16.69	2.00	0.00	0.00	0.01	0.00	16.70	2.00	0.00	0.00	0.01	0.00
16.71	2.00	0.00	0.00	0.01	0.00	16.72	2.00	0.00	0.00	0.01	0.00
16.73	2.00	0.00	0.00	0.01	0.00	16.74	2.00	0.00	0.00	0.01	0.00
16.75	2.00	0.00	0.00	0.01	0.00	16.76	2.00	0.00	0.00	0.01	0.00
16.77	2.00	0.00	0.00	0.01	0.00	16.78	2.00	0.00	0.00	0.01	0.00
16.79	2.00	0.00	0.00	0.01	0.00	16.80	2.00	0.00	0.00	0.01	0.00
16.81	2.00	0.00	0.00	0.01	0.00	16.82	2.00	0.00	0.00	0.01	0.00
16.83	2.00	0.00	0.00	0.01	0.00	16.84	2.00	0.00	0.00	0.01	0.00
16.85	2.00	0.00	0.00	0.01	0.00	16.86	2.00	0.00	0.00	0.01	0.00
16.87	2.00	0.00	0.00	0.01	0.00	16.88	2.00	0.00	0.00	0.01	0.00
16.89	2.00	0.00	0.00	0.01	0.00	16.90	2.00	0.00	0.00	0.01	0.00
16.91	2.00	0.00	0.00	0.01	0.00	16.92	2.00	0.00	0.00	0.01	0.00
16.93	2.00	0.00	0.00	0.01	0.00	16.94	2.00	0.00	0.00	0.01	0.00
16.95	2.00	0.00	0.00	0.01	0.00	16.96	2.00	0.00	0.00	0.01	0.00
16.97	2.00	0.00	0.00	0.01	0.00	16.98	2.00	0.00	0.00	0.01	0.00
16.99	2.00	0.00	0.00	0.01	0.00	17.00	2.00	0.00	0.00	0.01	0.00
17.01	2.00	0.00	0.00	0.01	0.00	17.02	2.00	0.00	0.00	0.01	0.00
17.03	2.00	0.00	0.00	0.01	0.00	17.04	2.00	0.00	0.00	0.01	0.00
17.05	2.00	0.00	0.00	0.01	0.00	17.06	2.00	0.00	0.00	0.01	0.00
17.07	2.00	0.00	0.00	0.01	0.00	17.08	2.00	0.00	0.00	0.01	0.00
17.09	2.00	0.00	0.00	0.01	0.00	17.10	2.00	0.00	0.00	0.01	0.00
17.11	2.00	0.00	0.00	0.01	0.00	17.12	2.00	0.00	0.00	0.01	0.00
17.13	2.00	0.00	0.00	0.01	0.00	17.14	2.00	0.00	0.00	0.01	0.00
17.15	2.00	0.00	0.00	0.01	0.00	17.16	2.00	0.00	0.00	0.01	0.00
17.17	2.00	0.00	0.00	0.01	0.00	17.18	2.00	0.00	0.00	0.01	0.00
17.19	2.00	0.00	0.00	0.01	0.00	17.20	2.00	0.00	0.00	0.01	0.00
17.21	2.00	0.00	0.00	0.01	0.00	17.22	2.00	0.00	0.00	0.01	0.00
17.23	2.00	0.00	0.00	0.01	0.00	17.24	2.00	0.00	0.00	0.01	0.00
17.25	2.00	0.00	0.00	0.01	0.00	17.26	2.00	0.00	0.00	0.01	0.00
17.27	2.00	0.00	0.00	0.01	0.00	17.28	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.29	2.00	0.00	0.00	0.01	0.00	17.30	2.00	0.00	0.00	0.01	0.00
17.31	2.00	0.00	0.00	0.01	0.00	17.32	2.00	0.00	0.00	0.01	0.00
17.33	2.00	0.00	0.00	0.01	0.00	17.34	2.00	0.00	0.00	0.01	0.00
17.35	2.00	0.00	0.00	0.01	0.00	17.36	2.00	0.00	0.00	0.01	0.00
17.37	2.00	0.00	0.00	0.01	0.00	17.38	2.00	0.00	0.00	0.01	0.00
17.39	2.00	0.00	0.00	0.01	0.00	17.40	2.00	0.00	0.00	0.01	0.00
17.41	2.00	0.00	0.00	0.01	0.00	17.42	2.00	0.00	0.00	0.01	0.00
17.43	2.00	0.00	0.00	0.01	0.00	17.44	2.00	0.00	0.00	0.01	0.00
17.45	2.00	0.00	0.00	0.01	0.00	17.46	2.00	0.00	0.00	0.01	0.00
17.47	2.00	0.00	0.00	0.01	0.00	17.48	2.00	0.00	0.00	0.01	0.00
17.49	2.00	0.00	0.00	0.01	0.00	17.50	2.00	0.00	0.00	0.01	0.00
17.51	2.00	0.00	0.00	0.01	0.00	17.52	2.00	0.00	0.00	0.01	0.00
17.53	2.00	0.00	0.00	0.01	0.00	17.54	2.00	0.00	0.00	0.01	0.00
17.55	2.00	0.00	0.00	0.01	0.00	17.56	2.00	0.00	0.00	0.01	0.00
17.57	2.00	0.00	0.00	0.01	0.00	17.58	2.00	0.00	0.00	0.01	0.00
17.59	2.00	0.00	0.00	0.01	0.00	17.60	2.00	0.00	0.00	0.01	0.00
17.61	2.00	0.00	0.00	0.01	0.00	17.62	2.00	0.00	0.00	0.01	0.00
17.63	2.00	0.00	0.00	0.01	0.00	17.64	2.00	0.00	0.00	0.01	0.00
17.65	2.00	0.00	0.00	0.01	0.00	17.66	2.00	0.00	0.00	0.01	0.00
17.67	2.00	0.00	0.00	0.01	0.00	17.68	2.00	0.00	0.00	0.01	0.00
17.69	2.00	0.00	0.00	0.01	0.00	17.70	2.00	0.00	0.00	0.01	0.00
17.71	2.00	0.00	0.00	0.01	0.00	17.72	2.00	0.00	0.00	0.01	0.00
17.73	2.00	0.00	0.00	0.01	0.00	17.74	2.00	0.00	0.00	0.01	0.00
17.75	2.00	0.00	0.00	0.01	0.00	17.76	2.00	0.00	0.00	0.01	0.00
17.77	2.00	0.00	0.00	0.01	0.00	17.78	2.00	0.00	0.00	0.01	0.00
17.79	2.00	0.00	0.00	0.01	0.00	17.80	2.00	0.00	0.00	0.01	0.00
17.81	2.00	0.00	0.00	0.01	0.00	17.82	2.00	0.00	0.00	0.01	0.00
17.83	2.00	0.00	0.00	0.01	0.00	17.84	2.00	0.00	0.00	0.01	0.00
17.85	2.00	0.00	0.00	0.01	0.00	17.86	2.00	0.00	0.00	0.01	0.00
17.87	2.00	0.00	0.00	0.01	0.00	17.88	2.00	0.00	0.00	0.01	0.00
17.89	2.00	0.00	0.00	0.01	0.00	17.90	2.00	0.00	0.00	0.01	0.00
17.91	2.00	0.00	0.00	0.01	0.00	17.92	2.00	0.00	0.00	0.01	0.00
17.93	2.00	0.00	0.00	0.01	0.00	17.94	2.00	0.00	0.00	0.01	0.00
17.95	2.00	0.00	0.00	0.01	0.00	17.96	2.00	0.00	0.00	0.01	0.00
17.97	2.00	0.00	0.00	0.01	0.00	17.98	2.00	0.00	0.00	0.01	0.00
17.99	2.00	0.00	0.00	0.01	0.00	18.00	2.00	0.00	0.00	0.01	0.00
18.01	2.00	0.00	0.00	0.01	0.00	18.02	2.00	0.00	0.00	0.01	0.00
18.03	2.00	0.00	0.00	0.01	0.00	18.04	2.00	0.00	0.00	0.01	0.00
18.05	2.00	0.00	0.00	0.01	0.00	18.06	2.00	0.00	0.00	0.01	0.00
18.07	2.00	0.00	0.00	0.01	0.00	18.08	2.00	0.00	0.00	0.01	0.00
18.09	2.00	0.00	0.00	0.01	0.00	18.10	2.00	0.00	0.00	0.01	0.00
18.11	2.00	0.00	0.00	0.01	0.00	18.12	2.00	0.00	0.00	0.01	0.00
18.13	2.00	0.00	0.00	0.01	0.00	18.14	2.00	0.00	0.00	0.01	0.00
18.15	2.00	0.00	0.00	0.01	0.00	18.16	2.00	0.00	0.00	0.01	0.00
18.17	2.00	0.00	0.00	0.01	0.00	18.18	2.00	0.00	0.00	0.01	0.00
18.19	2.00	0.00	0.00	0.01	0.00	18.20	2.00	0.00	0.00	0.01	0.00
18.21	2.00	0.00	0.00	0.01	0.00	18.22	2.00	0.00	0.00	0.01	0.00
18.23	2.00	0.00	0.00	0.01	0.00	18.24	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
18.25	2.00	0.00	0.00	0.01	0.00	18.26	2.00	0.00	0.00	0.01	0.00
18.27	2.00	0.00	0.00	0.01	0.00	18.28	2.00	0.00	0.00	0.01	0.00
18.29	2.00	0.00	0.00	0.01	0.00	18.30	2.00	0.00	0.00	0.01	0.00
18.31	2.00	0.00	0.00	0.01	0.00	18.32	2.00	0.00	0.00	0.01	0.00
18.33	2.00	0.00	0.00	0.01	0.00	18.34	2.00	0.00	0.00	0.01	0.00
18.35	2.00	0.00	0.00	0.01	0.00	18.36	2.00	0.00	0.00	0.01	0.00
18.37	2.00	0.00	0.00	0.01	0.00	18.38	2.00	0.00	0.00	0.01	0.00
18.39	2.00	0.00	0.00	0.01	0.00	18.40	2.00	0.00	0.00	0.01	0.00
18.41	2.00	0.00	0.00	0.01	0.00	18.42	2.00	0.00	0.00	0.01	0.00
18.43	2.00	0.00	0.00	0.01	0.00	18.44	2.00	0.00	0.00	0.01	0.00
18.45	2.00	0.00	0.00	0.01	0.00	18.46	2.00	0.00	0.00	0.01	0.00
18.47	2.00	0.00	0.00	0.01	0.00	18.48	2.00	0.00	0.00	0.01	0.00
18.49	2.00	0.00	0.00	0.01	0.00	18.50	2.00	0.00	0.00	0.01	0.00
18.51	2.00	0.00	0.00	0.01	0.00	18.52	2.00	0.00	0.00	0.01	0.00
18.53	2.00	0.00	0.00	0.01	0.00	18.54	2.00	0.00	0.00	0.01	0.00
18.55	2.00	0.00	0.00	0.01	0.00	18.56	2.00	0.00	0.00	0.01	0.00
18.57	2.00	0.00	0.00	0.01	0.00	18.58	2.00	0.00	0.00	0.01	0.00
18.59	2.00	0.00	0.00	0.01	0.00	18.60	2.00	0.00	0.00	0.01	0.00
18.61	2.00	0.00	0.00	0.01	0.00	18.62	2.00	0.00	0.00	0.01	0.00
18.63	2.00	0.00	0.00	0.01	0.00	18.64	2.00	0.00	0.00	0.01	0.00
18.65	2.00	0.00	0.00	0.01	0.00	18.66	2.00	0.00	0.00	0.01	0.00
18.67	2.00	0.00	0.00	0.01	0.00	18.68	2.00	0.00	0.00	0.01	0.00
18.69	2.00	0.00	0.00	0.01	0.00	18.70	2.00	0.00	0.00	0.01	0.00
18.71	2.00	0.00	0.00	0.01	0.00	18.72	2.00	0.00	0.00	0.01	0.00
18.73	2.00	0.00	0.00	0.01	0.00	18.74	2.00	0.00	0.00	0.01	0.00
18.75	2.00	0.00	0.00	0.01	0.00	18.76	2.00	0.00	0.00	0.01	0.00
18.77	2.00	0.00	0.00	0.01	0.00	18.78	2.00	0.00	0.00	0.01	0.00
18.79	2.00	0.00	0.00	0.01	0.00	18.80	2.00	0.00	0.00	0.01	0.00
18.81	2.00	0.00	0.00	0.01	0.00	18.82	2.00	0.00	0.00	0.01	0.00
18.83	2.00	0.00	0.00	0.01	0.00	18.84	2.00	0.00	0.00	0.01	0.00
18.85	2.00	0.00	0.00	0.01	0.00	18.86	2.00	0.00	0.00	0.01	0.00
18.87	2.00	0.00	0.00	0.01	0.00	18.88	2.00	0.00	0.00	0.01	0.00
18.89	2.00	0.00	0.00	0.01	0.00	18.90	2.00	0.00	0.00	0.01	0.00
18.91	2.00	0.00	0.00	0.01	0.00	18.92	2.00	0.00	0.00	0.01	0.00
18.93	2.00	0.00	0.00	0.01	0.00	18.94	2.00	0.00	0.00	0.01	0.00
18.95	2.00	0.00	0.00	0.01	0.00	18.96	2.00	0.00	0.00	0.01	0.00
18.97	2.00	0.00	0.00	0.01	0.00	18.98	2.00	0.00	0.00	0.01	0.00
18.99	2.00	0.00	0.00	0.01	0.00	19.00	2.00	0.00	0.00	0.01	0.00
19.01	2.00	0.00	0.00	0.01	0.00	19.02	2.00	0.00	0.00	0.01	0.00
19.03	2.00	0.00	0.00	0.01	0.00	19.04	2.00	0.00	0.00	0.01	0.00
19.05	2.00	0.00	0.00	0.01	0.00	19.06	2.00	0.00	0.00	0.01	0.00
19.07	2.00	0.00	0.00	0.01	0.00	19.08	2.00	0.00	0.00	0.01	0.00
19.09	2.00	0.00	0.00	0.01	0.00	19.10	2.00	0.00	0.00	0.01	0.00
19.11	2.00	0.00	0.00	0.01	0.00	19.12	2.00	0.00	0.00	0.01	0.00
19.13	2.00	0.00	0.00	0.01	0.00	19.14	2.00	0.00	0.00	0.01	0.00
19.15	2.00	0.00	0.00	0.01	0.00	19.16	2.00	0.00	0.00	0.01	0.00
19.17	2.00	0.00	0.00	0.01	0.00	19.18	2.00	0.00	0.00	0.01	0.00
19.19	2.00	0.00	0.00	0.01	0.00	19.20	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.21	2.00	0.00	0.00	0.01	0.00	19.22	2.00	0.00	0.00	0.01	0.00
19.23	2.00	0.00	0.00	0.01	0.00	19.24	2.00	0.00	0.00	0.01	0.00
19.25	2.00	0.00	0.00	0.01	0.00	19.26	2.00	0.00	0.00	0.01	0.00
19.27	2.00	0.00	0.00	0.01	0.00	19.28	2.00	0.00	0.00	0.01	0.00
19.29	2.00	0.00	0.00	0.01	0.00	19.30	2.00	0.00	0.00	0.01	0.00
19.31	2.00	0.00	0.00	0.01	0.00	19.32	2.00	0.00	0.00	0.01	0.00
19.33	2.00	0.00	0.00	0.01	0.00	19.34	2.00	0.00	0.00	0.01	0.00
19.35	2.00	0.00	0.00	0.01	0.00	19.36	2.00	0.00	0.00	0.01	0.00
19.37	2.00	0.00	0.00	0.01	0.00	19.38	2.00	0.00	0.00	0.01	0.00
19.39	2.00	0.00	0.00	0.01	0.00	19.40	2.00	0.00	0.00	0.01	0.00
19.41	2.00	0.00	0.00	0.01	0.00	19.42	2.00	0.00	0.00	0.01	0.00
19.43	2.00	0.00	0.00	0.01	0.00	19.44	2.00	0.00	0.00	0.01	0.00
19.45	2.00	0.00	0.00	0.01	0.00	19.46	2.00	0.00	0.00	0.01	0.00
19.47	2.00	0.00	0.00	0.01	0.00	19.48	2.00	0.00	0.00	0.01	0.00
19.49	2.00	0.00	0.00	0.01	0.00	19.50	2.00	0.00	0.00	0.01	0.00
19.51	2.00	0.00	0.00	0.01	0.00	19.52	2.00	0.00	0.00	0.01	0.00
19.53	2.00	0.00	0.00	0.01	0.00	19.54	2.00	0.00	0.00	0.01	0.00
19.55	2.00	0.00	0.00	0.01	0.00	19.56	2.00	0.00	0.00	0.01	0.00
19.57	2.00	0.00	0.00	0.01	0.00	19.58	2.00	0.00	0.00	0.01	0.00
19.59	2.00	0.00	0.00	0.01	0.00	19.60	2.00	0.00	0.00	0.01	0.00
19.61	2.00	0.00	0.00	0.01	0.00	19.62	2.00	0.00	0.00	0.01	0.00
19.63	2.00	0.00	0.00	0.01	0.00	19.64	2.00	0.00	0.00	0.01	0.00
19.65	2.00	0.00	0.00	0.01	0.00	19.66	2.00	0.00	0.00	0.01	0.00
19.67	2.00	0.00	0.00	0.01	0.00	19.68	2.00	0.00	0.00	0.01	0.00
19.69	2.00	0.00	0.00	0.01	0.00	19.70	2.00	0.00	0.00	0.01	0.00
19.71	2.00	0.00	0.00	0.01	0.00	19.72	2.00	0.00	0.00	0.01	0.00
19.73	2.00	0.00	0.00	0.01	0.00	19.74	2.00	0.00	0.00	0.01	0.00
19.75	2.00	0.00	0.00	0.01	0.00	19.76	2.00	0.00	0.00	0.01	0.00
19.77	2.00	0.00	0.00	0.01	0.00	19.78	2.00	0.00	0.00	0.01	0.00
19.79	2.00	0.00	0.00	0.01	0.00	19.80	2.00	0.00	0.00	0.01	0.00

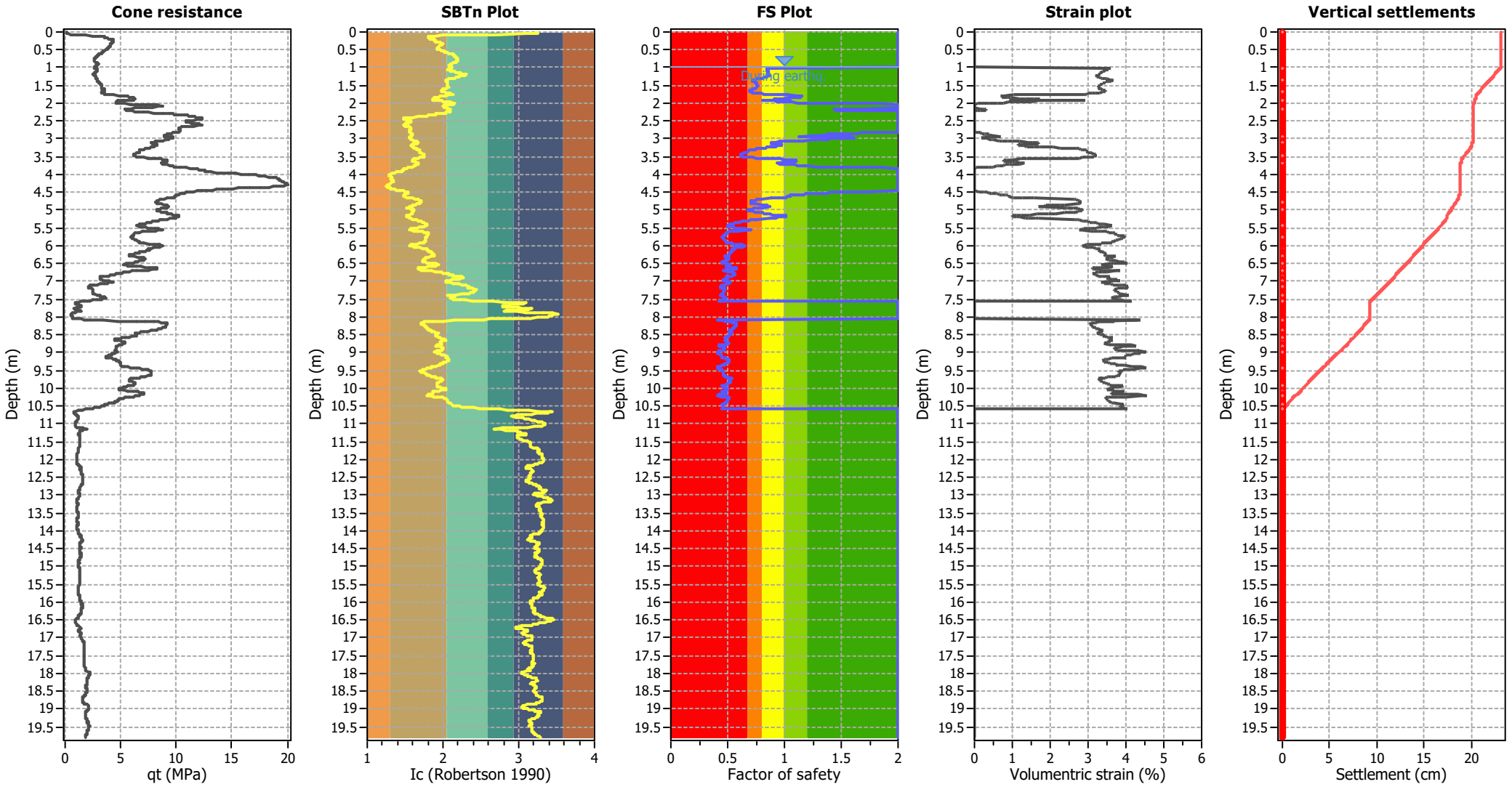
Overall liquefaction potential: 17.86

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	90.02	2.00	0.00	1.00	0.00	1.01	90.01	0.86	3.57	1.00	0.04
1.02	89.71	0.86	3.58	1.00	0.04	1.03	90.05	0.85	3.57	1.00	0.04
1.04	89.61	0.85	3.59	1.00	0.04	1.05	91.88	0.86	3.50	1.00	0.04
1.06	91.30	0.85	3.52	1.00	0.04	1.07	91.79	0.85	3.50	1.00	0.04
1.08	92.08	0.85	3.49	1.00	0.03	1.09	92.72	0.85	3.47	1.00	0.03
1.10	93.46	0.85	3.44	1.00	0.03	1.11	93.60	0.85	3.44	1.00	0.03
1.12	94.74	0.86	3.39	1.00	0.03	1.13	95.47	0.86	3.37	1.00	0.03
1.14	96.25	0.86	3.34	1.00	0.03	1.15	96.42	0.86	3.33	1.00	0.03
1.16	97.19	0.86	3.31	1.00	0.03	1.17	97.45	0.86	3.30	1.00	0.03
1.18	97.07	0.86	3.31	1.00	0.03	1.19	97.67	0.86	3.29	1.00	0.03
1.20	97.69	0.85	3.29	1.00	0.03	1.21	97.81	0.85	3.29	1.00	0.03
1.22	97.21	0.84	3.31	1.00	0.03	1.23	100.45	0.87	3.20	1.00	0.03
1.24	99.61	0.86	3.23	1.00	0.03	1.25	99.28	0.85	3.24	1.00	0.03
1.26	99.27	0.85	3.24	1.00	0.03	1.27	98.89	0.84	3.25	1.00	0.03
1.28	98.14	0.83	3.28	1.00	0.03	1.29	97.20	0.82	3.31	1.00	0.03
1.30	95.82	0.80	3.36	1.00	0.03	1.31	94.50	0.79	3.40	1.00	0.03
1.32	93.12	0.77	3.45	1.00	0.03	1.33	91.57	0.76	3.51	1.00	0.04
1.34	90.15	0.74	3.57	1.00	0.04	1.35	88.92	0.73	3.62	1.00	0.04
1.36	88.40	0.72	3.64	1.00	0.04	1.37	88.40	0.72	3.64	1.00	0.04
1.38	88.98	0.72	3.61	1.00	0.04	1.39	89.88	0.73	3.58	1.00	0.04
1.40	90.64	0.73	3.55	1.00	0.04	1.41	92.76	0.75	3.47	1.00	0.03
1.42	93.31	0.75	3.45	1.00	0.03	1.43	94.30	0.75	3.41	1.00	0.03
1.44	94.41	0.75	3.41	1.00	0.03	1.45	95.36	0.76	3.37	1.00	0.03
1.46	95.48	0.76	3.37	1.00	0.03	1.47	95.93	0.76	3.35	1.00	0.03
1.48	96.58	0.76	3.33	1.00	0.03	1.49	96.86	0.76	3.32	1.00	0.03
1.50	97.28	0.76	3.30	1.00	0.03	1.51	97.72	0.76	3.29	1.00	0.03
1.52	98.00	0.76	3.28	1.00	0.03	1.53	98.15	0.76	3.27	1.00	0.03
1.54	98.30	0.76	3.27	1.00	0.03	1.55	98.23	0.76	3.27	1.00	0.03
1.56	98.33	0.76	3.27	1.00	0.03	1.57	98.16	0.75	3.27	1.00	0.03
1.58	98.54	0.76	3.26	1.00	0.03	1.59	96.79	0.74	3.32	1.00	0.03
1.60	98.35	0.75	3.27	1.00	0.03	1.61	96.27	0.73	3.34	1.00	0.03
1.62	95.60	0.72	3.36	1.00	0.03	1.63	94.97	0.72	3.39	1.00	0.03
1.64	94.09	0.71	3.42	1.00	0.03	1.65	93.74	0.70	3.43	1.00	0.03
1.66	93.32	0.70	3.45	1.00	0.03	1.67	93.20	0.69	3.45	1.00	0.03
1.68	93.71	0.70	3.43	1.00	0.03	1.69	93.75	0.70	3.43	1.00	0.03
1.70	95.46	0.71	3.37	1.00	0.03	1.71	97.27	0.72	3.30	1.00	0.03
1.72	100.09	0.74	3.21	1.00	0.03	1.73	102.93	0.77	3.12	1.00	0.03
1.74	106.27	0.80	3.02	1.00	0.03	1.75	108.46	0.82	2.95	1.00	0.03
1.76	110.12	0.84	2.91	1.00	0.03	1.77	110.14	0.83	2.91	1.00	0.03
1.78	123.86	1.03	1.02	1.00	0.01	1.79	128.53	1.12	0.77	1.00	0.01
1.80	127.36	1.09	0.83	1.00	0.01	1.81	130.29	1.15	0.70	1.00	0.01
1.82	129.46	1.13	0.74	1.00	0.01	1.83	128.76	1.11	0.77	1.00	0.01
1.84	130.03	1.14	0.72	1.00	0.01	1.85	126.89	1.07	0.88	1.00	0.01
1.86	125.55	1.04	0.97	1.00	0.01	1.87	122.43	0.99	1.19	1.00	0.01
1.88	120.67	0.96	1.35	1.00	0.01	1.89	118.84	0.93	1.56	1.00	0.02
1.90	117.72	0.91	1.72	1.00	0.02	1.91	117.89	0.91	1.70	1.00	0.02
1.92	126.74	1.05	0.93	1.00	0.01	1.93	109.71	0.80	2.92	1.00	0.03
1.94	118.34	0.91	1.68	1.00	0.02	1.95	120.04	0.93	1.48	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	123.41	0.99	1.18	1.00	0.01	1.97	125.33	1.02	1.05	1.00	0.01
1.98	127.91	1.07	0.89	1.00	0.01	1.99	130.68	1.12	0.75	1.00	0.01
2.00	133.73	1.19	0.62	1.00	0.01	2.01	140.10	1.37	0.39	1.00	0.00
2.02	151.63	1.83	0.07	1.00	0.00	2.03	158.54	2.00	0.00	1.00	0.00
2.04	165.18	2.00	0.00	1.00	0.00	2.05	177.34	2.00	0.00	1.00	0.00
2.06	180.28	2.00	0.00	1.00	0.00	2.07	187.60	2.00	0.00	1.00	0.00
2.08	188.55	2.00	0.00	1.00	0.00	2.09	189.21	2.00	0.00	1.00	0.00
2.10	189.48	2.00	0.00	1.00	0.00	2.11	189.46	2.00	0.00	1.00	0.00
2.12	173.83	2.00	0.00	1.00	0.00	2.13	171.64	2.00	0.00	1.00	0.00
2.14	163.30	2.00	0.00	1.00	0.00	2.15	159.20	2.00	0.00	1.00	0.00
2.16	149.15	1.68	0.16	1.00	0.00	2.17	146.53	1.56	0.23	1.00	0.00
2.18	144.76	1.49	0.28	1.00	0.00	2.19	143.30	1.44	0.33	1.00	0.00
2.20	144.22	1.47	0.30	1.00	0.00	2.21	149.89	1.70	0.14	1.00	0.00
2.22	152.72	1.84	0.07	1.00	0.00	2.23	156.70	2.00	0.00	1.00	0.00
2.24	158.91	2.00	0.00	1.00	0.00	2.25	162.43	2.00	0.00	1.00	0.00
2.26	171.35	2.00	0.00	1.00	0.00	2.27	173.86	2.00	0.00	1.00	0.00
2.28	177.57	2.00	0.00	1.00	0.00	2.29	179.27	2.00	0.00	1.00	0.00
2.30	189.87	2.00	0.00	1.00	0.00	2.31	188.01	2.00	0.00	1.00	0.00
2.32	169.31	2.00	0.00	1.00	0.00	2.33	183.72	2.00	0.00	1.00	0.00
2.34	178.34	2.00	0.00	1.00	0.00	2.35	176.71	2.00	0.00	1.00	0.00
2.36	176.04	2.00	0.00	1.00	0.00	2.37	178.31	2.00	0.00	1.00	0.00
2.38	179.52	2.00	0.00	1.00	0.00	2.39	181.65	2.00	0.00	1.00	0.00
2.40	182.86	2.00	0.00	1.00	0.00	2.41	185.09	2.00	0.00	1.00	0.00
2.42	186.88	2.00	0.00	1.00	0.00	2.43	188.81	2.00	0.00	1.00	0.00
2.44	189.12	2.00	0.00	1.00	0.00	2.45	189.54	2.00	0.00	1.00	0.00
2.46	188.47	2.00	0.00	1.00	0.00	2.47	187.39	2.00	0.00	1.00	0.00
2.48	176.23	2.00	0.00	1.00	0.00	2.49	172.94	2.00	0.00	1.00	0.00
2.50	171.51	2.00	0.00	1.00	0.00	2.51	170.07	2.00	0.00	1.00	0.00
2.52	169.69	2.00	0.00	1.00	0.00	2.53	169.54	2.00	0.00	1.00	0.00
2.54	170.44	2.00	0.00	1.00	0.00	2.55	171.23	2.00	0.00	1.00	0.00
2.56	173.30	2.00	0.00	1.00	0.00	2.57	174.89	2.00	0.00	1.00	0.00
2.58	178.42	2.00	0.00	1.00	0.00	2.59	180.94	2.00	0.00	1.00	0.00
2.60	184.05	2.00	0.00	1.00	0.00	2.61	184.83	2.00	0.00	1.00	0.00
2.62	185.95	2.00	0.00	1.00	0.00	2.63	186.26	2.00	0.00	1.00	0.00
2.64	185.66	2.00	0.00	1.00	0.00	2.65	173.38	2.00	0.00	1.00	0.00
2.66	168.82	2.00	0.00	1.00	0.00	2.67	166.22	2.00	0.00	1.00	0.00
2.68	163.02	2.00	0.00	1.00	0.00	2.69	161.81	2.00	0.00	1.00	0.00
2.70	160.13	2.00	0.00	1.00	0.00	2.71	159.76	2.00	0.00	1.00	0.00
2.72	159.38	2.00	0.00	1.00	0.00	2.73	159.25	2.00	0.00	1.00	0.00
2.74	158.99	2.00	0.00	1.00	0.00	2.75	159.45	2.00	0.00	1.00	0.00
2.76	159.79	2.00	0.00	1.00	0.00	2.77	160.61	2.00	0.00	1.00	0.00
2.78	160.59	2.00	0.00	1.00	0.00	2.79	160.46	2.00	0.00	1.00	0.00
2.80	159.62	2.00	0.00	1.00	0.00	2.81	158.77	2.00	0.00	1.00	0.00
2.82	157.81	2.00	0.00	1.00	0.00	2.83	152.17	1.70	0.14	1.00	0.00
2.84	151.80	1.68	0.15	1.00	0.00	2.85	150.70	1.63	0.18	1.00	0.00
2.86	148.40	1.53	0.25	1.00	0.00	2.87	146.93	1.47	0.30	1.00	0.00
2.88	144.48	1.38	0.38	1.00	0.00	2.89	143.87	1.36	0.40	1.00	0.00
2.90	143.50	1.34	0.41	1.00	0.00	2.91	143.38	1.34	0.42	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	143.26	1.33	0.42	1.00	0.00	2.93	136.21	1.13	0.71	1.00	0.01
2.94	143.38	1.34	0.42	1.00	0.00	2.95	148.26	1.51	0.26	1.00	0.00
2.96	149.70	1.57	0.22	1.00	0.00	2.97	150.67	1.61	0.19	1.00	0.00
2.98	150.54	1.61	0.20	1.00	0.00	2.99	150.18	1.59	0.21	1.00	0.00
3.00	145.83	1.41	0.34	1.00	0.00	3.01	144.98	1.38	0.37	1.00	0.00
3.02	144.13	1.35	0.40	1.00	0.00	3.03	142.06	1.29	0.48	1.00	0.00
3.04	141.09	1.26	0.52	1.00	0.01	3.05	137.90	1.17	0.65	1.00	0.01
3.06	136.30	1.13	0.73	1.00	0.01	3.07	133.20	1.05	0.89	1.00	0.01
3.08	131.46	1.02	1.00	1.00	0.01	3.09	128.84	0.97	1.19	1.00	0.01
3.10	126.45	0.92	1.41	1.00	0.01	3.11	125.45	0.91	1.52	1.00	0.02
3.12	124.33	0.89	1.66	1.00	0.02	3.13	124.09	0.88	1.70	1.00	0.02
3.14	124.24	0.89	1.68	1.00	0.02	3.15	128.17	0.95	1.26	1.00	0.01
3.16	128.70	0.96	1.22	1.00	0.01	3.17	129.34	0.97	1.17	1.00	0.01
3.18	129.48	0.97	1.16	1.00	0.01	3.19	129.38	0.97	1.17	1.00	0.01
3.20	129.02	0.96	1.21	1.00	0.01	3.21	127.79	0.94	1.31	1.00	0.01
3.22	127.06	0.93	1.39	1.00	0.01	3.23	125.32	0.90	1.58	1.00	0.02
3.24	124.09	0.88	1.74	1.00	0.02	3.25	122.09	0.85	2.07	1.00	0.02
3.26	121.10	0.83	2.27	1.00	0.02	3.27	118.84	0.80	2.68	1.00	0.03
3.28	117.71	0.79	2.71	1.00	0.03	3.29	115.18	0.76	2.77	1.00	0.03
3.30	114.18	0.75	2.80	1.00	0.03	3.31	112.23	0.72	2.85	1.00	0.03
3.32	108.95	0.69	2.94	1.00	0.03	3.33	108.45	0.69	2.95	1.00	0.03
3.34	108.09	0.68	2.97	1.00	0.03	3.35	107.86	0.68	2.97	1.00	0.03
3.36	107.77	0.68	2.97	1.00	0.03	3.37	107.67	0.68	2.98	1.00	0.03
3.38	107.04	0.67	3.00	1.00	0.03	3.39	106.28	0.66	3.02	1.00	0.03
3.40	104.86	0.65	3.06	1.00	0.03	3.41	104.09	0.65	3.08	1.00	0.03
3.42	102.32	0.63	3.14	1.00	0.03	3.43	101.73	0.63	3.16	1.00	0.03
3.44	100.89	0.62	3.18	1.00	0.03	3.45	100.68	0.62	3.19	1.00	0.03
3.46	100.47	0.62	3.20	1.00	0.03	3.47	100.26	0.61	3.20	1.00	0.03
3.48	99.93	0.61	3.22	1.00	0.03	3.49	101.23	0.62	3.17	1.00	0.03
3.50	102.28	0.63	3.14	1.00	0.03	3.51	105.85	0.66	3.03	1.00	0.03
3.52	107.87	0.67	2.97	1.00	0.03	3.53	113.01	0.72	2.83	1.00	0.03
3.54	115.64	0.75	2.76	1.00	0.03	3.55	120.85	0.82	2.50	1.00	0.03
3.56	123.50	0.85	1.96	1.00	0.02	3.57	127.86	0.92	1.40	1.00	0.01
3.58	129.85	0.96	1.22	1.00	0.01	3.59	132.68	1.01	1.01	1.00	0.01
3.60	134.76	1.05	0.88	1.00	0.01	3.61	135.51	1.07	0.84	1.00	0.01
3.62	136.73	1.10	0.78	1.00	0.01	3.63	136.75	1.10	0.78	1.00	0.01
3.64	135.93	1.08	0.82	1.00	0.01	3.65	132.93	1.01	1.00	1.00	0.01
3.66	132.10	1.00	1.06	1.00	0.01	3.67	130.54	0.97	1.18	1.00	0.01
3.68	129.95	0.95	1.23	1.00	0.01	3.69	129.24	0.94	1.29	1.00	0.01
3.70	129.26	0.94	1.29	1.00	0.01	3.71	130.62	0.97	1.18	1.00	0.01
3.72	132.82	1.01	1.02	1.00	0.01	3.73	134.05	1.03	0.94	1.00	0.01
3.74	136.47	1.09	0.80	1.00	0.01	3.75	137.44	1.11	0.75	1.00	0.01
3.76	139.49	1.16	0.66	1.00	0.01	3.77	140.33	1.18	0.62	1.00	0.01
3.78	141.65	1.22	0.56	1.00	0.01	3.79	143.68	1.28	0.48	1.00	0.00
3.80	144.75	1.32	0.44	1.00	0.00	3.81	145.94	1.36	0.40	1.00	0.00
3.82	157.42	1.87	0.05	1.00	0.00	3.83	159.14	1.98	0.01	1.00	0.00
3.84	162.45	2.00	0.00	1.00	0.00	3.85	164.61	2.00	0.00	1.00	0.00
3.86	165.41	2.00	0.00	1.00	0.00	3.87	167.10	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	168.01	2.00	0.00	1.00	0.00	3.89	170.81	2.00	0.00	1.00	0.00
3.90	173.71	2.00	0.00	1.00	0.00	3.91	173.60	2.00	0.00	1.00	0.00
3.92	173.50	2.00	0.00	1.00	0.00	3.93	174.73	2.00	0.00	1.00	0.00
3.94	179.59	2.00	0.00	1.00	0.00	3.95	182.83	2.00	0.00	1.00	0.00
3.96	190.39	2.00	0.00	1.00	0.00	3.97	194.62	2.00	0.00	1.00	0.00
3.98	202.57	2.00	0.00	1.00	0.00	3.99	210.43	2.00	0.00	1.00	0.00
4.00	213.38	2.00	0.00	1.00	0.00	4.01	220.15	2.00	0.00	1.00	0.00
4.02	222.42	2.00	0.00	1.00	0.00	4.03	224.16	2.00	0.00	1.00	0.00
4.04	224.57	2.00	0.00	1.00	0.00	4.05	225.31	2.00	0.00	1.00	0.00
4.06	226.56	2.00	0.00	1.00	0.00	4.07	226.75	2.00	0.00	1.00	0.00
4.08	234.11	2.00	0.00	1.00	0.00	4.09	236.98	2.00	0.00	1.00	0.00
4.10	238.41	2.00	0.00	1.00	0.00	4.11	238.60	2.00	0.00	1.00	0.00
4.12	239.82	2.00	0.00	1.00	0.00	4.13	241.03	2.00	0.00	1.00	0.00
4.14	241.02	2.00	0.00	1.00	0.00	4.15	241.11	2.00	0.00	1.00	0.00
4.16	241.09	2.00	0.00	1.00	0.00	4.17	240.97	2.00	0.00	1.00	0.00
4.18	241.78	2.00	0.00	1.00	0.00	4.19	242.48	2.00	0.00	1.00	0.00
4.20	242.97	2.00	0.00	1.00	0.00	4.21	243.57	2.00	0.00	1.00	0.00
4.22	244.37	2.00	0.00	1.00	0.00	4.23	244.76	2.00	0.00	1.00	0.00
4.24	244.85	2.00	0.00	1.00	0.00	4.25	245.95	2.00	0.00	1.00	0.00
4.26	247.42	2.00	0.00	1.00	0.00	4.27	247.59	2.00	0.00	1.00	0.00
4.28	247.96	2.00	0.00	1.00	0.00	4.29	248.32	2.00	0.00	1.00	0.00
4.30	248.02	2.00	0.00	1.00	0.00	4.31	246.29	2.00	0.00	1.00	0.00
4.32	243.33	2.00	0.00	1.00	0.00	4.33	241.29	2.00	0.00	1.00	0.00
4.34	236.99	2.00	0.00	1.00	0.00	4.35	232.67	2.00	0.00	1.00	0.00
4.36	230.71	2.00	0.00	1.00	0.00	4.37	226.48	2.00	0.00	1.00	0.00
4.38	207.22	2.00	0.00	1.00	0.00	4.39	199.80	2.00	0.00	1.00	0.00
4.40	195.79	2.00	0.00	1.00	0.00	4.41	189.30	2.00	0.00	1.00	0.00
4.42	185.88	2.00	0.00	1.00	0.00	4.43	180.06	2.00	0.00	1.00	0.00
4.44	172.77	2.00	0.00	1.00	0.00	4.45	170.05	2.00	0.00	1.00	0.00
4.46	163.54	2.00	0.00	1.00	0.00	4.47	160.55	2.00	0.00	1.00	0.00
4.48	155.09	1.72	0.13	1.00	0.00	4.49	151.27	1.54	0.25	1.00	0.00
4.50	150.05	1.48	0.28	1.00	0.00	4.51	148.14	1.41	0.35	1.00	0.00
4.52	147.25	1.38	0.38	1.00	0.00	4.53	145.11	1.30	0.46	1.00	0.00
4.54	141.94	1.20	0.58	1.00	0.01	4.55	141.28	1.19	0.61	1.00	0.01
4.56	140.39	1.16	0.65	1.00	0.01	4.57	138.69	1.12	0.73	1.00	0.01
4.58	137.23	1.08	0.81	1.00	0.01	4.59	136.45	1.06	0.85	1.00	0.01
4.60	135.79	1.05	0.89	1.00	0.01	4.61	135.94	1.05	0.89	1.00	0.01
4.62	135.52	1.04	0.91	1.00	0.01	4.63	135.55	1.04	0.91	1.00	0.01
4.64	135.12	1.03	0.94	1.00	0.01	4.65	134.23	1.01	0.99	1.00	0.01
4.66	133.34	0.99	1.06	1.00	0.01	4.67	130.82	0.94	1.25	1.00	0.01
4.68	127.59	0.89	1.58	1.00	0.02	4.69	121.79	0.80	2.61	1.00	0.03
4.70	120.87	0.79	2.63	1.00	0.03	4.71	119.83	0.77	2.66	1.00	0.03
4.72	118.91	0.76	2.68	1.00	0.03	4.73	117.63	0.74	2.71	1.00	0.03
4.74	116.23	0.73	2.75	1.00	0.03	4.75	115.55	0.72	2.76	1.00	0.03
4.76	114.75	0.71	2.78	1.00	0.03	4.77	114.31	0.70	2.80	1.00	0.03
4.78	113.99	0.70	2.80	1.00	0.03	4.79	114.27	0.70	2.80	1.00	0.03
4.80	114.55	0.71	2.79	1.00	0.03	4.81	115.07	0.71	2.78	1.00	0.03
4.82	115.83	0.72	2.76	1.00	0.03	4.83	116.22	0.72	2.75	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	117.57	0.74	2.71	1.00	0.03	4.85	123.18	0.81	2.37	1.00	0.02
4.86	123.65	0.82	2.26	1.00	0.02	4.87	125.09	0.84	1.98	1.00	0.02
4.88	125.59	0.85	1.90	1.00	0.02	4.89	125.86	0.85	1.86	1.00	0.02
4.90	126.94	0.87	1.70	1.00	0.02	4.91	126.86	0.87	1.72	1.00	0.02
4.92	126.79	0.87	1.73	1.00	0.02	4.93	123.01	0.81	2.44	1.00	0.02
4.94	122.94	0.81	2.46	1.00	0.02	4.95	121.10	0.78	2.63	1.00	0.03
4.96	117.60	0.74	2.71	1.00	0.03	4.97	116.11	0.72	2.75	1.00	0.03
4.98	114.02	0.70	2.80	1.00	0.03	4.99	112.75	0.68	2.84	1.00	0.03
5.00	112.20	0.68	2.85	1.00	0.03	5.01	113.08	0.68	2.83	1.00	0.03
5.02	114.32	0.70	2.80	1.00	0.03	5.03	114.84	0.70	2.78	1.00	0.03
5.04	116.30	0.72	2.75	1.00	0.03	5.05	118.00	0.74	2.70	1.00	0.03
5.06	118.87	0.75	2.68	1.00	0.03	5.07	120.90	0.78	2.63	1.00	0.03
5.08	122.23	0.79	2.60	1.00	0.03	5.09	123.44	0.81	2.39	1.00	0.02
5.10	124.53	0.83	2.15	1.00	0.02	5.11	124.45	0.82	2.17	1.00	0.02
5.12	125.51	0.84	1.98	1.00	0.02	5.13	127.73	0.88	1.64	1.00	0.02
5.14	129.15	0.90	1.48	1.00	0.01	5.15	131.81	0.95	1.22	1.00	0.01
5.16	132.99	0.97	1.12	1.00	0.01	5.17	134.73	1.01	1.00	1.00	0.01
5.18	134.99	1.01	0.98	1.00	0.01	5.19	134.35	1.00	1.03	1.00	0.01
5.20	133.13	0.97	1.12	1.00	0.01	5.21	132.15	0.95	1.20	1.00	0.01
5.22	130.59	0.92	1.34	1.00	0.01	5.23	129.94	0.91	1.40	1.00	0.01
5.24	128.15	0.88	1.61	1.00	0.02	5.25	127.50	0.87	1.70	1.00	0.02
5.26	119.58	0.75	2.66	1.00	0.03	5.27	118.46	0.74	2.69	1.00	0.03
5.28	116.28	0.71	2.75	1.00	0.03	5.29	115.15	0.70	2.77	1.00	0.03
5.30	112.73	0.68	2.84	1.00	0.03	5.31	111.37	0.66	2.87	1.00	0.03
5.32	108.58	0.64	2.95	1.00	0.03	5.33	107.33	0.62	2.99	1.00	0.03
5.34	105.01	0.60	3.06	1.00	0.03	5.35	102.48	0.58	3.13	1.00	0.03
5.36	101.37	0.58	3.17	1.00	0.03	5.37	99.09	0.56	3.24	1.00	0.03
5.38	98.10	0.55	3.28	1.00	0.03	5.39	95.96	0.54	3.35	1.00	0.03
5.40	94.96	0.53	3.39	1.00	0.03	5.41	94.09	0.53	3.42	1.00	0.03
5.42	88.93	0.50	3.62	1.00	0.04	5.43	88.67	0.50	3.63	1.00	0.04
5.44	88.70	0.50	3.62	1.00	0.04	5.45	88.78	0.50	3.62	1.00	0.04
5.46	90.45	0.51	3.56	1.00	0.04	5.47	92.92	0.52	3.46	1.00	0.03
5.48	94.30	0.53	3.41	1.00	0.03	5.49	97.98	0.55	3.28	1.00	0.03
5.50	99.89	0.56	3.22	1.00	0.03	5.51	104.46	0.60	3.07	1.00	0.03
5.52	106.99	0.62	3.00	1.00	0.03	5.53	111.25	0.66	2.88	1.00	0.03
5.54	112.93	0.67	2.83	1.00	0.03	5.55	115.19	0.70	2.77	1.00	0.03
5.56	115.58	0.70	2.76	1.00	0.03	5.57	114.47	0.69	2.79	1.00	0.03
5.58	104.26	0.59	3.08	1.00	0.03	5.59	102.36	0.58	3.14	1.00	0.03
5.60	98.48	0.55	3.26	1.00	0.03	5.61	96.44	0.54	3.33	1.00	0.03
5.62	92.27	0.51	3.49	1.00	0.03	5.63	90.66	0.50	3.55	1.00	0.04
5.64	87.63	0.49	3.67	1.00	0.04	5.65	87.28	0.49	3.68	1.00	0.04
5.66	86.73	0.48	3.71	1.00	0.04	5.67	87.11	0.49	3.69	1.00	0.04
5.68	86.89	0.48	3.70	1.00	0.04	5.69	86.44	0.48	3.72	1.00	0.04
5.70	85.60	0.48	3.75	1.00	0.04	5.71	84.86	0.47	3.79	1.00	0.04
5.72	84.33	0.47	3.81	1.00	0.04	5.73	83.57	0.47	3.84	1.00	0.04
5.74	81.05	0.46	3.96	1.00	0.04	5.75	80.94	0.46	3.96	1.00	0.04
5.76	80.93	0.45	3.96	1.00	0.04	5.77	80.95	0.45	3.96	1.00	0.04
5.78	81.71	0.46	3.93	1.00	0.04	5.79	82.00	0.46	3.91	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	82.91	0.46	3.87	1.00	0.04	5.81	83.22	0.46	3.86	1.00	0.04
5.82	83.54	0.47	3.84	1.00	0.04	5.83	84.31	0.47	3.81	1.00	0.04
5.84	84.84	0.47	3.79	1.00	0.04	5.85	85.84	0.48	3.74	1.00	0.04
5.86	86.14	0.48	3.73	1.00	0.04	5.87	86.80	0.48	3.70	1.00	0.04
5.88	86.97	0.48	3.70	1.00	0.04	5.89	88.21	0.49	3.64	1.00	0.04
5.90	88.99	0.49	3.61	1.00	0.04	5.91	88.93	0.49	3.62	1.00	0.04
5.92	88.87	0.49	3.62	1.00	0.04	5.93	88.82	0.49	3.62	1.00	0.04
5.94	96.47	0.54	3.33	1.00	0.03	5.95	96.42	0.54	3.33	1.00	0.03
5.96	106.88	0.61	3.00	1.00	0.03	5.97	107.74	0.62	2.98	1.00	0.03
5.98	108.72	0.63	2.95	1.00	0.03	5.99	110.95	0.65	2.89	1.00	0.03
6.00	111.58	0.65	2.87	1.00	0.03	6.01	112.20	0.66	2.85	1.00	0.03
6.02	111.57	0.65	2.87	1.00	0.03	6.03	109.21	0.63	2.93	1.00	0.03
6.04	107.20	0.61	2.99	1.00	0.03	6.05	105.41	0.60	3.04	1.00	0.03
6.06	101.73	0.57	3.16	1.00	0.03	6.07	100.42	0.56	3.20	1.00	0.03
6.08	99.44	0.55	3.23	1.00	0.03	6.09	98.04	0.54	3.28	1.00	0.03
6.10	97.73	0.54	3.29	1.00	0.03	6.11	97.68	0.54	3.29	1.00	0.03
6.12	98.24	0.55	3.27	1.00	0.03	6.13	98.63	0.55	3.26	1.00	0.03
6.14	98.47	0.55	3.26	1.00	0.03	6.15	98.19	0.54	3.27	1.00	0.03
6.16	96.55	0.53	3.33	1.00	0.03	6.17	96.69	0.53	3.33	1.00	0.03
6.18	94.81	0.52	3.39	1.00	0.03	6.19	94.79	0.52	3.39	1.00	0.03
6.20	94.19	0.52	3.41	1.00	0.03	6.21	94.06	0.52	3.42	1.00	0.03
6.22	92.80	0.51	3.47	1.00	0.03	6.23	92.87	0.51	3.46	1.00	0.03
6.24	93.30	0.51	3.45	1.00	0.03	6.25	92.76	0.51	3.47	1.00	0.03
6.26	93.57	0.52	3.44	1.00	0.03	6.27	93.84	0.52	3.43	1.00	0.03
6.28	93.33	0.51	3.45	1.00	0.03	6.29	93.23	0.51	3.45	1.00	0.03
6.30	91.54	0.50	3.51	1.00	0.04	6.31	86.24	0.48	3.73	1.00	0.04
6.32	88.87	0.49	3.62	1.00	0.04	6.33	88.34	0.49	3.64	1.00	0.04
6.34	89.56	0.49	3.59	1.00	0.04	6.35	91.49	0.50	3.51	1.00	0.04
6.36	92.16	0.51	3.49	1.00	0.03	6.37	92.39	0.51	3.48	1.00	0.03
6.38	91.68	0.50	3.51	1.00	0.04	6.39	91.47	0.50	3.52	1.00	0.04
6.40	90.60	0.50	3.55	1.00	0.04	6.41	89.74	0.49	3.58	1.00	0.04
6.42	88.53	0.49	3.63	1.00	0.04	6.43	85.92	0.47	3.74	1.00	0.04
6.44	84.70	0.47	3.79	1.00	0.04	6.45	84.07	0.46	3.82	1.00	0.04
6.46	81.91	0.45	3.92	1.00	0.04	6.47	81.17	0.45	3.95	1.00	0.04
6.48	80.28	0.45	4.00	1.00	0.04	6.49	79.37	0.44	4.04	1.00	0.04
6.50	87.43	0.48	3.68	1.00	0.04	6.51	88.78	0.49	3.62	1.00	0.04
6.52	94.92	0.52	3.39	1.00	0.03	6.53	95.53	0.53	3.37	1.00	0.03
6.54	95.78	0.53	3.36	1.00	0.03	6.55	94.41	0.52	3.41	1.00	0.03
6.56	94.31	0.52	3.41	1.00	0.03	6.57	89.71	0.49	3.58	1.00	0.04
6.58	89.38	0.49	3.60	1.00	0.04	6.59	87.76	0.48	3.66	1.00	0.04
6.60	89.91	0.49	3.58	1.00	0.04	6.61	96.50	0.53	3.33	1.00	0.03
6.62	98.80	0.55	3.25	1.00	0.03	6.63	100.76	0.56	3.19	1.00	0.03
6.64	102.60	0.57	3.13	1.00	0.03	6.65	102.66	0.57	3.13	1.00	0.03
6.66	101.93	0.57	3.15	1.00	0.03	6.67	98.97	0.55	3.25	1.00	0.03
6.68	97.24	0.53	3.31	1.00	0.03	6.69	95.83	0.53	3.35	1.00	0.03
6.70	85.68	0.47	3.75	1.00	0.04	6.71	83.63	0.46	3.84	1.00	0.04
6.72	86.16	0.47	3.73	1.00	0.04	6.73	91.68	0.50	3.51	1.00	0.04
6.74	94.94	0.52	3.39	1.00	0.03	6.75	98.14	0.54	3.28	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	100.51	0.56	3.20	1.00	0.03	6.77	100.47	0.56	3.20	1.00	0.03
6.78	102.00	0.57	3.15	1.00	0.03	6.79	102.53	0.57	3.13	1.00	0.03
6.80	101.29	0.56	3.17	1.00	0.03	6.81	101.09	0.56	3.18	1.00	0.03
6.82	101.03	0.56	3.18	1.00	0.03	6.83	99.31	0.55	3.24	1.00	0.03
6.84	98.98	0.55	3.25	1.00	0.03	6.85	98.26	0.54	3.27	1.00	0.03
6.86	97.89	0.54	3.28	1.00	0.03	6.87	95.29	0.52	3.37	1.00	0.03
6.88	89.53	0.49	3.59	1.00	0.04	6.89	91.23	0.50	3.52	1.00	0.04
6.90	92.02	0.50	3.49	1.00	0.03	6.91	91.73	0.50	3.51	1.00	0.04
6.92	91.69	0.50	3.51	1.00	0.04	6.93	90.48	0.49	3.55	1.00	0.04
6.94	88.32	0.48	3.64	1.00	0.04	6.95	86.87	0.48	3.70	1.00	0.04
6.96	85.29	0.47	3.77	1.00	0.04	6.97	85.10	0.47	3.78	1.00	0.04
6.98	84.43	0.46	3.81	1.00	0.04	6.99	83.44	0.46	3.85	1.00	0.04
7.00	86.78	0.47	3.70	1.00	0.04	7.01	95.32	0.52	3.37	1.00	0.03
7.02	95.84	0.52	3.35	1.00	0.03	7.03	96.14	0.53	3.34	1.00	0.03
7.04	94.32	0.52	3.41	1.00	0.03	7.05	93.90	0.51	3.42	1.00	0.03
7.06	93.34	0.51	3.45	1.00	0.03	7.07	90.11	0.49	3.57	1.00	0.04
7.08	89.16	0.49	3.61	1.00	0.04	7.09	87.68	0.48	3.67	1.00	0.04
7.10	83.69	0.46	3.84	1.00	0.04	7.11	82.71	0.46	3.88	1.00	0.04
7.12	81.42	0.45	3.94	1.00	0.04	7.13	80.57	0.45	3.98	1.00	0.04
7.14	79.39	0.44	4.04	1.00	0.04	7.15	79.17	0.44	4.05	1.00	0.04
7.16	79.04	0.44	4.06	1.00	0.04	7.17	79.02	0.44	4.06	1.00	0.04
7.18	79.26	0.44	4.04	1.00	0.04	7.19	79.71	0.44	4.02	1.00	0.04
7.20	81.21	0.45	3.95	1.00	0.04	7.21	85.69	0.47	3.75	1.00	0.04
7.22	86.51	0.47	3.72	1.00	0.04	7.23	87.01	0.47	3.69	1.00	0.04
7.24	87.29	0.48	3.68	1.00	0.04	7.25	87.25	0.48	3.68	1.00	0.04
7.26	86.99	0.47	3.70	1.00	0.04	7.27	86.31	0.47	3.72	1.00	0.04
7.28	86.14	0.47	3.73	1.00	0.04	7.29	85.59	0.47	3.75	1.00	0.04
7.30	85.07	0.47	3.78	1.00	0.04	7.31	85.06	0.47	3.78	1.00	0.04
7.32	84.78	0.46	3.79	1.00	0.04	7.33	84.67	0.46	3.79	1.00	0.04
7.34	84.32	0.46	3.81	1.00	0.04	7.35	84.00	0.46	3.82	1.00	0.04
7.36	83.26	0.46	3.86	1.00	0.04	7.37	82.87	0.45	3.87	1.00	0.04
7.38	79.54	0.44	4.03	1.00	0.04	7.39	81.91	0.45	3.92	1.00	0.04
7.40	78.73	0.44	4.07	1.00	0.04	7.41	81.91	0.45	3.92	1.00	0.04
7.42	83.94	0.46	3.83	1.00	0.04	7.43	86.38	0.47	3.72	1.00	0.04
7.44	87.26	0.48	3.68	1.00	0.04	7.45	87.43	0.48	3.68	1.00	0.04
7.46	88.88	0.48	3.62	1.00	0.04	7.47	88.42	0.48	3.64	1.00	0.04
7.48	88.14	0.48	3.65	1.00	0.04	7.49	86.75	0.47	3.71	1.00	0.04
7.50	85.81	0.47	3.74	1.00	0.04	7.51	85.60	0.47	3.75	1.00	0.04
7.52	85.80	0.47	3.75	1.00	0.04	7.53	82.44	0.45	3.89	1.00	0.04
7.54	80.92	0.45	3.97	1.00	0.04	7.55	78.55	0.44	4.08	1.00	0.04
7.56	76.83	0.43	4.17	1.00	0.04	7.57	16.92	2.00	0.00	1.00	0.00
7.58	15.69	2.00	0.00	1.00	0.00	7.59	10.40	2.00	0.00	1.00	0.00
7.60	10.51	2.00	0.00	1.00	0.00	7.61	10.50	2.00	0.00	1.00	0.00
7.62	10.74	2.00	0.00	1.00	0.00	7.63	11.81	2.00	0.00	1.00	0.00
7.64	12.40	2.00	0.00	1.00	0.00	7.65	12.99	2.00	0.00	1.00	0.00
7.66	13.82	2.00	0.00	1.00	0.00	7.67	15.01	2.00	0.00	1.00	0.00
7.68	15.48	2.00	0.00	1.00	0.00	7.69	16.54	2.00	0.00	1.00	0.00
7.70	16.89	2.00	0.00	1.00	0.00	7.71	16.76	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	16.15	2.00	0.00	1.00	0.00	7.73	14.24	2.00	0.00	1.00	0.00
7.74	12.69	2.00	0.00	1.00	0.00	7.75	11.61	2.00	0.00	1.00	0.00
7.76	10.89	2.00	0.00	1.00	0.00	7.77	9.33	2.00	0.00	1.00	0.00
7.78	8.61	2.00	0.00	1.00	0.00	7.79	10.75	2.00	0.00	1.00	0.00
7.80	12.64	2.00	0.00	1.00	0.00	7.81	14.29	2.00	0.00	1.00	0.00
7.82	15.71	2.00	0.00	1.00	0.00	7.83	17.11	2.00	0.00	1.00	0.00
7.84	16.40	2.00	0.00	1.00	0.00	7.85	14.85	2.00	0.00	1.00	0.00
7.86	12.83	2.00	0.00	1.00	0.00	7.87	10.11	2.00	0.00	1.00	0.00
7.88	9.03	2.00	0.00	1.00	0.00	7.89	8.07	2.00	0.00	1.00	0.00
7.90	6.28	2.00	0.00	1.00	0.00	7.91	6.27	2.00	0.00	1.00	0.00
7.92	6.27	2.00	0.00	1.00	0.00	7.93	5.31	2.00	0.00	1.00	0.00
7.94	5.43	2.00	0.00	1.00	0.00	7.95	5.54	2.00	0.00	1.00	0.00
7.96	5.54	2.00	0.00	1.00	0.00	7.97	5.66	2.00	0.00	1.00	0.00
7.98	5.65	2.00	0.00	1.00	0.00	7.99	5.77	2.00	0.00	1.00	0.00
8.00	5.77	2.00	0.00	1.00	0.00	8.01	6.00	2.00	0.00	1.00	0.00
8.02	6.24	2.00	0.00	1.00	0.00	8.03	6.71	2.00	0.00	1.00	0.00
8.04	8.01	2.00	0.00	1.00	0.00	8.05	12.49	2.00	0.00	1.00	0.00
8.06	15.07	2.00	0.00	1.00	0.00	8.07	73.07	0.41	4.37	1.00	0.04
8.08	74.52	0.42	4.29	1.00	0.04	8.09	79.46	0.44	4.04	1.00	0.04
8.10	74.12	0.42	4.31	1.00	0.04	8.11	101.15	0.55	3.18	1.00	0.03
8.12	87.19	0.47	3.69	1.00	0.04	8.13	90.29	0.49	3.56	1.00	0.04
8.14	92.29	0.50	3.48	1.00	0.03	8.15	98.08	0.53	3.28	1.00	0.03
8.16	99.53	0.54	3.23	1.00	0.03	8.17	100.98	0.55	3.18	1.00	0.03
8.18	103.85	0.57	3.09	1.00	0.03	8.19	104.54	0.58	3.07	1.00	0.03
8.20	105.03	0.58	3.06	1.00	0.03	8.21	104.65	0.58	3.07	1.00	0.03
8.22	104.60	0.58	3.07	1.00	0.03	8.23	103.90	0.57	3.09	1.00	0.03
8.24	103.74	0.57	3.09	1.00	0.03	8.25	103.58	0.57	3.10	1.00	0.03
8.26	103.53	0.57	3.10	1.00	0.03	8.27	103.14	0.57	3.11	1.00	0.03
8.28	102.76	0.57	3.12	1.00	0.03	8.29	102.53	0.56	3.13	1.00	0.03
8.30	100.59	0.55	3.19	1.00	0.03	8.31	100.59	0.55	3.19	1.00	0.03
8.32	100.28	0.55	3.20	1.00	0.03	8.33	99.37	0.54	3.23	1.00	0.03
8.34	98.82	0.54	3.25	1.00	0.03	8.35	98.29	0.54	3.27	1.00	0.03
8.36	96.49	0.52	3.33	1.00	0.03	8.37	96.33	0.52	3.34	1.00	0.03
8.38	94.77	0.51	3.39	1.00	0.03	8.39	95.26	0.52	3.38	1.00	0.03
8.40	96.01	0.52	3.35	1.00	0.03	8.41	95.26	0.52	3.38	1.00	0.03
8.42	96.45	0.52	3.33	1.00	0.03	8.43	98.26	0.54	3.27	1.00	0.03
8.44	97.66	0.53	3.29	1.00	0.03	8.45	99.12	0.54	3.24	1.00	0.03
8.46	99.45	0.54	3.23	1.00	0.03	8.47	97.75	0.53	3.29	1.00	0.03
8.48	97.43	0.53	3.30	1.00	0.03	8.49	95.78	0.52	3.36	1.00	0.03
8.50	94.85	0.52	3.39	1.00	0.03	8.51	94.27	0.51	3.41	1.00	0.03
8.52	94.15	0.51	3.42	1.00	0.03	8.53	94.42	0.51	3.41	1.00	0.03
8.54	95.51	0.52	3.37	1.00	0.03	8.55	93.10	0.51	3.45	1.00	0.03
8.56	92.13	0.50	3.49	1.00	0.03	8.57	90.55	0.49	3.55	1.00	0.04
8.58	87.83	0.48	3.66	1.00	0.04	8.59	88.48	0.48	3.63	1.00	0.04
8.60	89.32	0.49	3.60	1.00	0.04	8.61	89.05	0.48	3.61	1.00	0.04
8.62	89.97	0.49	3.57	1.00	0.04	8.63	89.92	0.49	3.58	1.00	0.04
8.64	89.36	0.49	3.60	1.00	0.04	8.65	89.25	0.48	3.60	1.00	0.04
8.66	88.39	0.48	3.64	1.00	0.04	8.67	90.67	0.49	3.55	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	90.74	0.49	3.54	1.00	0.04	8.69	89.46	0.49	3.59	1.00	0.04
8.70	89.82	0.49	3.58	1.00	0.04	8.71	90.92	0.49	3.54	1.00	0.04
8.72	91.77	0.50	3.50	1.00	0.04	8.73	92.69	0.50	3.47	1.00	0.03
8.74	93.79	0.51	3.43	1.00	0.03	8.75	94.43	0.51	3.41	1.00	0.03
8.76	94.33	0.51	3.41	1.00	0.03	8.77	90.86	0.49	3.54	1.00	0.04
8.78	87.23	0.47	3.68	1.00	0.04	8.79	82.01	0.45	3.91	1.00	0.04
8.80	76.77	0.43	4.17	1.00	0.04	8.81	74.89	0.42	4.27	1.00	0.04
8.82	75.86	0.42	4.22	1.00	0.04	8.83	77.13	0.43	4.15	1.00	0.04
8.84	81.50	0.45	3.94	1.00	0.04	8.85	84.44	0.46	3.80	1.00	0.04
8.86	87.00	0.47	3.69	1.00	0.04	8.87	87.16	0.47	3.69	1.00	0.04
8.88	87.24	0.47	3.68	1.00	0.04	8.89	86.91	0.47	3.70	1.00	0.04
8.90	86.70	0.47	3.71	1.00	0.04	8.91	86.50	0.47	3.72	1.00	0.04
8.92	86.52	0.47	3.71	1.00	0.04	8.93	85.30	0.47	3.77	1.00	0.04
8.94	79.73	0.44	4.02	1.00	0.04	8.95	73.79	0.42	4.33	1.00	0.04
8.96	74.49	0.42	4.29	1.00	0.04	8.97	70.34	0.40	4.53	1.00	0.05
8.98	71.21	0.41	4.48	1.00	0.04	8.99	70.79	0.41	4.50	1.00	0.05
9.00	72.76	0.41	4.39	1.00	0.04	9.01	72.82	0.41	4.38	1.00	0.04
9.02	74.46	0.42	4.29	1.00	0.04	9.03	75.15	0.42	4.26	1.00	0.04
9.04	75.99	0.43	4.21	1.00	0.04	9.05	77.31	0.43	4.14	1.00	0.04
9.06	78.07	0.43	4.10	1.00	0.04	9.07	79.28	0.44	4.04	1.00	0.04
9.08	80.38	0.44	3.99	1.00	0.04	9.09	80.38	0.44	3.99	1.00	0.04
9.10	80.91	0.45	3.97	1.00	0.04	9.11	81.04	0.45	3.96	1.00	0.04
9.12	81.27	0.45	3.95	1.00	0.04	9.13	81.35	0.45	3.94	1.00	0.04
9.14	80.58	0.44	3.98	1.00	0.04	9.15	80.94	0.45	3.96	1.00	0.04
9.16	82.77	0.45	3.88	1.00	0.04	9.17	88.66	0.48	3.63	1.00	0.04
9.18	90.72	0.49	3.54	1.00	0.04	9.19	91.73	0.50	3.51	1.00	0.04
9.20	93.15	0.51	3.45	1.00	0.03	9.21	94.21	0.51	3.41	1.00	0.03
9.22	94.70	0.52	3.40	1.00	0.03	9.23	95.41	0.52	3.37	1.00	0.03
9.24	95.14	0.52	3.38	1.00	0.03	9.25	94.30	0.51	3.41	1.00	0.03
9.26	94.33	0.51	3.41	1.00	0.03	9.27	93.51	0.51	3.44	1.00	0.03
9.28	92.46	0.50	3.48	1.00	0.03	9.29	91.28	0.50	3.52	1.00	0.04
9.30	89.72	0.49	3.58	1.00	0.04	9.31	88.91	0.48	3.62	1.00	0.04
9.32	87.57	0.48	3.67	1.00	0.04	9.33	86.32	0.47	3.72	1.00	0.04
9.34	85.54	0.47	3.76	1.00	0.04	9.35	85.91	0.47	3.74	1.00	0.04
9.36	83.25	0.46	3.86	1.00	0.04	9.37	80.91	0.45	3.97	1.00	0.04
9.38	77.32	0.43	4.14	1.00	0.04	9.39	74.38	0.42	4.30	1.00	0.04
9.40	73.55	0.42	4.34	1.00	0.04	9.41	71.82	0.41	4.44	1.00	0.04
9.42	70.32	0.41	4.53	1.00	0.05	9.43	71.66	0.41	4.45	1.00	0.04
9.44	71.70	0.41	4.45	1.00	0.04	9.45	72.85	0.41	4.38	1.00	0.04
9.46	76.35	0.43	4.19	1.00	0.04	9.47	78.06	0.43	4.10	1.00	0.04
9.48	79.38	0.44	4.04	1.00	0.04	9.49	81.45	0.45	3.94	1.00	0.04
9.50	82.14	0.45	3.91	1.00	0.04	9.51	83.36	0.46	3.85	1.00	0.04
9.52	83.74	0.46	3.84	1.00	0.04	9.53	84.02	0.46	3.82	1.00	0.04
9.54	84.29	0.46	3.81	1.00	0.04	9.55	83.31	0.46	3.85	1.00	0.04
9.56	83.06	0.46	3.87	1.00	0.04	9.57	83.13	0.46	3.86	1.00	0.04
9.58	83.10	0.46	3.86	1.00	0.04	9.59	83.56	0.46	3.84	1.00	0.04
9.60	83.68	0.46	3.84	1.00	0.04	9.61	84.22	0.46	3.81	1.00	0.04
9.62	84.36	0.46	3.81	1.00	0.04	9.63	84.31	0.46	3.81	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	83.91	0.46	3.83	1.00	0.04	9.65	84.20	0.46	3.81	1.00	0.04
9.66	85.48	0.47	3.76	1.00	0.04	9.67	86.07	0.47	3.73	1.00	0.04
9.68	88.84	0.48	3.62	1.00	0.04	9.69	90.92	0.50	3.54	1.00	0.04
9.70	91.41	0.50	3.52	1.00	0.04	9.71	92.64	0.51	3.47	1.00	0.03
9.72	97.02	0.53	3.31	1.00	0.03	9.73	94.59	0.52	3.40	1.00	0.03
9.74	97.83	0.54	3.29	1.00	0.03	9.75	97.15	0.53	3.31	1.00	0.03
9.76	97.15	0.53	3.31	1.00	0.03	9.77	97.20	0.53	3.31	1.00	0.03
9.78	97.20	0.53	3.31	1.00	0.03	9.79	96.89	0.53	3.32	1.00	0.03
9.80	96.61	0.53	3.33	1.00	0.03	9.81	95.76	0.52	3.36	1.00	0.03
9.82	94.88	0.52	3.39	1.00	0.03	9.83	95.05	0.52	3.38	1.00	0.03
9.84	94.56	0.52	3.40	1.00	0.03	9.85	93.97	0.51	3.42	1.00	0.03
9.86	93.27	0.51	3.45	1.00	0.03	9.87	92.34	0.50	3.48	1.00	0.03
9.88	91.82	0.50	3.50	1.00	0.04	9.89	90.61	0.49	3.55	1.00	0.04
9.90	89.79	0.49	3.58	1.00	0.04	9.91	89.74	0.49	3.58	1.00	0.04
9.92	89.78	0.49	3.58	1.00	0.04	9.93	82.75	0.46	3.88	1.00	0.04
9.94	82.14	0.45	3.91	1.00	0.04	9.95	82.37	0.46	3.90	1.00	0.04
9.96	84.22	0.46	3.81	1.00	0.04	9.97	85.15	0.47	3.77	1.00	0.04
9.98	87.29	0.48	3.68	1.00	0.04	9.99	88.81	0.49	3.62	1.00	0.04
10.00	89.90	0.49	3.58	1.00	0.04	10.01	90.81	0.50	3.54	1.00	0.04
10.02	91.32	0.50	3.52	1.00	0.04	10.03	91.63	0.50	3.51	1.00	0.04
10.04	91.59	0.50	3.51	1.00	0.04	10.05	91.29	0.50	3.52	1.00	0.04
10.06	86.80	0.48	3.70	1.00	0.04	10.07	88.39	0.48	3.64	1.00	0.04
10.08	82.83	0.46	3.88	1.00	0.04	10.09	80.63	0.45	3.98	1.00	0.04
10.10	81.56	0.45	3.93	1.00	0.04	10.11	84.78	0.47	3.79	1.00	0.04
10.12	86.27	0.47	3.73	1.00	0.04	10.13	87.42	0.48	3.68	1.00	0.04
10.14	88.89	0.49	3.62	1.00	0.04	10.15	88.94	0.49	3.62	1.00	0.04
10.16	87.41	0.48	3.68	1.00	0.04	10.17	84.79	0.47	3.79	1.00	0.04
10.18	78.86	0.44	4.06	1.00	0.04	10.19	73.16	0.42	4.36	1.00	0.04
10.20	70.83	0.41	4.50	1.00	0.04	10.21	70.46	0.41	4.52	1.00	0.05
10.22	70.27	0.41	4.53	1.00	0.05	10.23	72.05	0.41	4.43	1.00	0.04
10.24	80.40	0.45	3.99	1.00	0.04	10.25	84.69	0.47	3.79	1.00	0.04
10.26	90.84	0.50	3.54	1.00	0.04	10.27	92.51	0.51	3.48	1.00	0.03
10.28	93.27	0.51	3.45	1.00	0.03	10.29	92.36	0.51	3.48	1.00	0.03
10.30	92.52	0.51	3.48	1.00	0.03	10.31	92.38	0.51	3.48	1.00	0.03
10.32	91.52	0.50	3.51	1.00	0.04	10.33	91.67	0.50	3.51	1.00	0.04
10.34	91.43	0.50	3.52	1.00	0.04	10.35	90.97	0.50	3.53	1.00	0.04
10.36	90.68	0.50	3.55	1.00	0.04	10.37	90.54	0.50	3.55	1.00	0.04
10.38	89.73	0.49	3.58	1.00	0.04	10.39	89.56	0.49	3.59	1.00	0.04
10.40	89.08	0.49	3.61	1.00	0.04	10.41	87.76	0.48	3.66	1.00	0.04
10.42	87.20	0.48	3.69	1.00	0.04	10.43	86.78	0.48	3.70	1.00	0.04
10.44	82.12	0.46	3.91	1.00	0.04	10.45	82.33	0.46	3.90	1.00	0.04
10.46	81.69	0.45	3.93	1.00	0.04	10.47	81.81	0.46	3.92	1.00	0.04
10.48	82.01	0.46	3.91	1.00	0.04	10.49	81.89	0.46	3.92	1.00	0.04
10.50	82.37	0.46	3.90	1.00	0.04	10.51	83.26	0.46	3.86	1.00	0.04
10.52	83.25	0.46	3.86	1.00	0.04	10.53	83.53	0.46	3.84	1.00	0.04
10.54	83.83	0.46	3.83	1.00	0.04	10.55	81.77	0.46	3.93	1.00	0.04
10.56	81.01	0.45	3.96	1.00	0.04	10.57	79.50	0.45	4.03	1.00	0.04
10.58	21.04	2.00	0.00	1.00	0.00	10.59	17.42	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	15.65	2.00	0.00	1.00	0.00	10.61	14.61	2.00	0.00	1.00	0.00
10.62	12.65	2.00	0.00	1.00	0.00	10.63	12.64	2.00	0.00	1.00	0.00
10.64	8.50	2.00	0.00	1.00	0.00	10.65	7.98	2.00	0.00	1.00	0.00
10.66	7.77	2.00	0.00	1.00	0.00	10.67	7.66	2.00	0.00	1.00	0.00
10.68	7.66	2.00	0.00	1.00	0.00	10.69	7.66	2.00	0.00	1.00	0.00
10.70	7.65	2.00	0.00	1.00	0.00	10.71	7.75	2.00	0.00	1.00	0.00
10.72	7.96	2.00	0.00	1.00	0.00	10.73	8.16	2.00	0.00	1.00	0.00
10.74	8.88	2.00	0.00	1.00	0.00	10.75	9.28	2.00	0.00	1.00	0.00
10.76	9.80	2.00	0.00	1.00	0.00	10.77	10.61	2.00	0.00	1.00	0.00
10.78	10.81	2.00	0.00	1.00	0.00	10.79	10.91	2.00	0.00	1.00	0.00
10.80	11.11	2.00	0.00	1.00	0.00	10.81	11.01	2.00	0.00	1.00	0.00
10.82	10.90	2.00	0.00	1.00	0.00	10.83	11.00	2.00	0.00	1.00	0.00
10.84	10.99	2.00	0.00	1.00	0.00	10.85	10.99	2.00	0.00	1.00	0.00
10.86	11.08	2.00	0.00	1.00	0.00	10.87	10.87	2.00	0.00	1.00	0.00
10.88	10.66	2.00	0.00	1.00	0.00	10.89	10.46	2.00	0.00	1.00	0.00
10.90	10.25	2.00	0.00	1.00	0.00	10.91	10.24	2.00	0.00	1.00	0.00
10.92	10.24	2.00	0.00	1.00	0.00	10.93	9.21	2.00	0.00	1.00	0.00
10.94	9.21	2.00	0.00	1.00	0.00	10.95	9.00	2.00	0.00	1.00	0.00
10.96	8.79	2.00	0.00	1.00	0.00	10.97	8.48	2.00	0.00	1.00	0.00
10.98	8.27	2.00	0.00	1.00	0.00	10.99	8.17	2.00	0.00	1.00	0.00
11.00	8.16	2.00	0.00	1.00	0.00	11.01	8.06	2.00	0.00	1.00	0.00
11.02	7.95	2.00	0.00	1.00	0.00	11.03	7.95	2.00	0.00	1.00	0.00
11.04	7.94	2.00	0.00	1.00	0.00	11.05	7.94	2.00	0.00	1.00	0.00
11.06	8.14	2.00	0.00	1.00	0.00	11.07	8.44	2.00	0.00	1.00	0.00
11.08	8.84	2.00	0.00	1.00	0.00	11.09	9.45	2.00	0.00	1.00	0.00
11.10	11.27	2.00	0.00	1.00	0.00	11.11	12.68	2.00	0.00	1.00	0.00
11.12	14.20	2.00	0.00	1.00	0.00	11.13	19.65	2.00	0.00	1.00	0.00
11.14	18.93	2.00	0.00	1.00	0.00	11.15	16.70	2.00	0.00	1.00	0.00
11.16	15.69	2.00	0.00	1.00	0.00	11.17	15.07	2.00	0.00	1.00	0.00
11.18	13.65	2.00	0.00	1.00	0.00	11.19	12.54	2.00	0.00	1.00	0.00
11.20	11.82	2.00	0.00	1.00	0.00	11.21	11.62	2.00	0.00	1.00	0.00
11.22	11.61	2.00	0.00	1.00	0.00	11.23	11.51	2.00	0.00	1.00	0.00
11.24	11.60	2.00	0.00	1.00	0.00	11.25	11.50	2.00	0.00	1.00	0.00
11.26	11.29	2.00	0.00	1.00	0.00	11.27	10.98	2.00	0.00	1.00	0.00
11.28	10.38	2.00	0.00	1.00	0.00	11.29	10.27	2.00	0.00	1.00	0.00
11.30	10.37	2.00	0.00	1.00	0.00	11.31	10.36	2.00	0.00	1.00	0.00
11.32	11.06	2.00	0.00	1.00	0.00	11.33	11.16	2.00	0.00	1.00	0.00
11.34	11.25	2.00	0.00	1.00	0.00	11.35	11.45	2.00	0.00	1.00	0.00
11.36	11.54	2.00	0.00	1.00	0.00	11.37	11.64	2.00	0.00	1.00	0.00
11.38	11.83	2.00	0.00	1.00	0.00	11.39	11.93	2.00	0.00	1.00	0.00
11.40	12.02	2.00	0.00	1.00	0.00	11.41	12.02	2.00	0.00	1.00	0.00
11.42	11.91	2.00	0.00	1.00	0.00	11.43	12.01	2.00	0.00	1.00	0.00
11.44	12.00	2.00	0.00	1.00	0.00	11.45	11.90	2.00	0.00	1.00	0.00
11.46	11.79	2.00	0.00	1.00	0.00	11.47	11.79	2.00	0.00	1.00	0.00
11.48	11.68	2.00	0.00	1.00	0.00	11.49	11.57	2.00	0.00	1.00	0.00
11.50	11.07	2.00	0.00	1.00	0.00	11.51	11.07	2.00	0.00	1.00	0.00
11.52	10.96	2.00	0.00	1.00	0.00	11.53	10.96	2.00	0.00	1.00	0.00
11.54	10.95	2.00	0.00	1.00	0.00	11.55	10.95	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	10.94	2.00	0.00	1.00	0.00	11.57	11.04	2.00	0.00	1.00	0.00
11.58	11.03	2.00	0.00	1.00	0.00	11.59	11.03	2.00	0.00	1.00	0.00
11.60	10.92	2.00	0.00	1.00	0.00	11.61	10.82	2.00	0.00	1.00	0.00
11.62	10.91	2.00	0.00	1.00	0.00	11.63	10.91	2.00	0.00	1.00	0.00
11.64	10.90	2.00	0.00	1.00	0.00	11.65	10.90	2.00	0.00	1.00	0.00
11.66	10.89	2.00	0.00	1.00	0.00	11.67	10.39	2.00	0.00	1.00	0.00
11.68	10.19	2.00	0.00	1.00	0.00	11.69	10.18	2.00	0.00	1.00	0.00
11.70	10.08	2.00	0.00	1.00	0.00	11.71	10.08	2.00	0.00	1.00	0.00
11.72	10.07	2.00	0.00	1.00	0.00	11.73	10.07	2.00	0.00	1.00	0.00
11.74	9.96	2.00	0.00	1.00	0.00	11.75	9.96	2.00	0.00	1.00	0.00
11.76	9.95	2.00	0.00	1.00	0.00	11.77	9.95	2.00	0.00	1.00	0.00
11.78	10.04	2.00	0.00	1.00	0.00	11.79	10.04	2.00	0.00	1.00	0.00
11.80	9.94	2.00	0.00	1.00	0.00	11.81	9.83	2.00	0.00	1.00	0.00
11.82	9.73	2.00	0.00	1.00	0.00	11.83	9.73	2.00	0.00	1.00	0.00
11.84	9.33	2.00	0.00	1.00	0.00	11.85	9.13	2.00	0.00	1.00	0.00
11.86	9.12	2.00	0.00	1.00	0.00	11.87	9.12	2.00	0.00	1.00	0.00
11.88	9.21	2.00	0.00	1.00	0.00	11.89	9.21	2.00	0.00	1.00	0.00
11.90	9.21	2.00	0.00	1.00	0.00	11.91	9.20	2.00	0.00	1.00	0.00
11.92	9.20	2.00	0.00	1.00	0.00	11.93	9.00	2.00	0.00	1.00	0.00
11.94	9.09	2.00	0.00	1.00	0.00	11.95	9.09	2.00	0.00	1.00	0.00
11.96	8.99	2.00	0.00	1.00	0.00	11.97	8.98	2.00	0.00	1.00	0.00
11.98	9.08	2.00	0.00	1.00	0.00	11.99	8.97	2.00	0.00	1.00	0.00
12.00	8.97	2.00	0.00	1.00	0.00	12.01	8.87	2.00	0.00	1.00	0.00
12.02	8.86	2.00	0.00	1.00	0.00	12.03	8.86	2.00	0.00	1.00	0.00
12.04	8.95	2.00	0.00	1.00	0.00	12.05	8.95	2.00	0.00	1.00	0.00
12.06	9.04	2.00	0.00	1.00	0.00	12.07	9.04	2.00	0.00	1.00	0.00
12.08	9.13	2.00	0.00	1.00	0.00	12.09	9.23	2.00	0.00	1.00	0.00
12.10	9.32	2.00	0.00	1.00	0.00	12.11	9.51	2.00	0.00	1.00	0.00
12.12	9.70	2.00	0.00	1.00	0.00	12.13	9.69	2.00	0.00	1.00	0.00
12.14	9.88	2.00	0.00	1.00	0.00	12.15	10.07	2.00	0.00	1.00	0.00
12.16	10.36	2.00	0.00	1.00	0.00	12.17	10.74	2.00	0.00	1.00	0.00
12.18	11.03	2.00	0.00	1.00	0.00	12.19	11.41	2.00	0.00	1.00	0.00
12.20	11.50	2.00	0.00	1.00	0.00	12.21	11.79	2.00	0.00	1.00	0.00
12.22	11.98	2.00	0.00	1.00	0.00	12.23	12.17	2.00	0.00	1.00	0.00
12.24	12.26	2.00	0.00	1.00	0.00	12.25	12.25	2.00	0.00	1.00	0.00
12.26	12.15	2.00	0.00	1.00	0.00	12.27	11.66	2.00	0.00	1.00	0.00
12.28	11.75	2.00	0.00	1.00	0.00	12.29	11.94	2.00	0.00	1.00	0.00
12.30	12.13	2.00	0.00	1.00	0.00	12.31	12.22	2.00	0.00	1.00	0.00
12.32	12.21	2.00	0.00	1.00	0.00	12.33	12.31	2.00	0.00	1.00	0.00
12.34	12.49	2.00	0.00	1.00	0.00	12.35	12.58	2.00	0.00	1.00	0.00
12.36	12.67	2.00	0.00	1.00	0.00	12.37	12.76	2.00	0.00	1.00	0.00
12.38	13.05	2.00	0.00	1.00	0.00	12.39	13.04	2.00	0.00	1.00	0.00
12.40	13.23	2.00	0.00	1.00	0.00	12.41	13.22	2.00	0.00	1.00	0.00
12.42	13.31	2.00	0.00	1.00	0.00	12.43	13.40	2.00	0.00	1.00	0.00
12.44	13.40	2.00	0.00	1.00	0.00	12.45	13.49	2.00	0.00	1.00	0.00
12.46	13.57	2.00	0.00	1.00	0.00	12.47	13.57	2.00	0.00	1.00	0.00
12.48	13.95	2.00	0.00	1.00	0.00	12.49	13.94	2.00	0.00	1.00	0.00
12.50	13.93	2.00	0.00	1.00	0.00	12.51	13.83	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	13.63	2.00	0.00	1.00	0.00	12.53	13.53	2.00	0.00	1.00	0.00
12.54	13.62	2.00	0.00	1.00	0.00	12.55	13.81	2.00	0.00	1.00	0.00
12.56	14.09	2.00	0.00	1.00	0.00	12.57	14.27	2.00	0.00	1.00	0.00
12.58	14.46	2.00	0.00	1.00	0.00	12.59	14.45	2.00	0.00	1.00	0.00
12.60	14.16	2.00	0.00	1.00	0.00	12.61	14.25	2.00	0.00	1.00	0.00
12.62	14.14	2.00	0.00	1.00	0.00	12.63	14.04	2.00	0.00	1.00	0.00
12.64	13.94	2.00	0.00	1.00	0.00	12.65	13.84	2.00	0.00	1.00	0.00
12.66	13.55	2.00	0.00	1.00	0.00	12.67	13.45	2.00	0.00	1.00	0.00
12.68	13.54	2.00	0.00	1.00	0.00	12.69	13.44	2.00	0.00	1.00	0.00
12.70	13.14	2.00	0.00	1.00	0.00	12.71	13.14	2.00	0.00	1.00	0.00
12.72	13.04	2.00	0.00	1.00	0.00	12.73	12.75	2.00	0.00	1.00	0.00
12.74	12.55	2.00	0.00	1.00	0.00	12.75	12.36	2.00	0.00	1.00	0.00
12.76	11.78	2.00	0.00	1.00	0.00	12.77	11.78	2.00	0.00	1.00	0.00
12.78	11.68	2.00	0.00	1.00	0.00	12.79	11.30	2.00	0.00	1.00	0.00
12.80	11.48	2.00	0.00	1.00	0.00	12.81	11.47	2.00	0.00	1.00	0.00
12.82	11.28	2.00	0.00	1.00	0.00	12.83	11.18	2.00	0.00	1.00	0.00
12.84	11.08	2.00	0.00	1.00	0.00	12.85	10.98	2.00	0.00	1.00	0.00
12.86	10.51	2.00	0.00	1.00	0.00	12.87	10.41	2.00	0.00	1.00	0.00
12.88	10.12	2.00	0.00	1.00	0.00	12.89	10.12	2.00	0.00	1.00	0.00
12.90	10.58	2.00	0.00	1.00	0.00	12.91	10.58	2.00	0.00	1.00	0.00
12.92	10.57	2.00	0.00	1.00	0.00	12.93	10.57	2.00	0.00	1.00	0.00
12.94	10.56	2.00	0.00	1.00	0.00	12.95	11.31	2.00	0.00	1.00	0.00
12.96	11.31	2.00	0.00	1.00	0.00	12.97	11.30	2.00	0.00	1.00	0.00
12.98	11.67	2.00	0.00	1.00	0.00	12.99	11.57	2.00	0.00	1.00	0.00
13.00	11.57	2.00	0.00	1.00	0.00	13.01	10.91	2.00	0.00	1.00	0.00
13.02	10.81	2.00	0.00	1.00	0.00	13.03	10.80	2.00	0.00	1.00	0.00
13.04	10.61	2.00	0.00	1.00	0.00	13.05	10.42	2.00	0.00	1.00	0.00
13.06	10.04	2.00	0.00	1.00	0.00	13.07	9.85	2.00	0.00	1.00	0.00
13.08	9.66	2.00	0.00	1.00	0.00	13.09	9.56	2.00	0.00	1.00	0.00
13.10	9.47	2.00	0.00	1.00	0.00	13.11	9.28	2.00	0.00	1.00	0.00
13.12	8.99	2.00	0.00	1.00	0.00	13.13	8.90	2.00	0.00	1.00	0.00
13.14	8.80	2.00	0.00	1.00	0.00	13.15	8.70	2.00	0.00	1.00	0.00
13.16	8.70	2.00	0.00	1.00	0.00	13.17	8.70	2.00	0.00	1.00	0.00
13.18	8.69	2.00	0.00	1.00	0.00	13.19	8.69	2.00	0.00	1.00	0.00
13.20	8.87	2.00	0.00	1.00	0.00	13.21	8.96	2.00	0.00	1.00	0.00
13.22	9.23	2.00	0.00	1.00	0.00	13.23	9.42	2.00	0.00	1.00	0.00
13.24	9.41	2.00	0.00	1.00	0.00	13.25	9.41	2.00	0.00	1.00	0.00
13.26	9.50	2.00	0.00	1.00	0.00	13.27	9.49	2.00	0.00	1.00	0.00
13.28	9.40	2.00	0.00	1.00	0.00	13.29	9.30	2.00	0.00	1.00	0.00
13.30	9.11	2.00	0.00	1.00	0.00	13.31	9.02	2.00	0.00	1.00	0.00
13.32	8.92	2.00	0.00	1.00	0.00	13.33	8.83	2.00	0.00	1.00	0.00
13.34	8.73	2.00	0.00	1.00	0.00	13.35	8.82	2.00	0.00	1.00	0.00
13.36	8.81	2.00	0.00	1.00	0.00	13.37	8.90	2.00	0.00	1.00	0.00
13.38	8.81	2.00	0.00	1.00	0.00	13.39	8.80	2.00	0.00	1.00	0.00
13.40	8.89	2.00	0.00	1.00	0.00	13.41	9.07	2.00	0.00	1.00	0.00
13.42	9.07	2.00	0.00	1.00	0.00	13.43	9.07	2.00	0.00	1.00	0.00
13.44	8.97	2.00	0.00	1.00	0.00	13.45	8.97	2.00	0.00	1.00	0.00
13.46	9.06	2.00	0.00	1.00	0.00	13.47	9.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	9.14	2.00	0.00	1.00	0.00	13.49	9.23	2.00	0.00	1.00	0.00
13.50	9.23	2.00	0.00	1.00	0.00	13.51	9.22	2.00	0.00	1.00	0.00
13.52	9.22	2.00	0.00	1.00	0.00	13.53	9.21	2.00	0.00	1.00	0.00
13.54	9.21	2.00	0.00	1.00	0.00	13.55	9.21	2.00	0.00	1.00	0.00
13.56	9.29	2.00	0.00	1.00	0.00	13.57	9.29	2.00	0.00	1.00	0.00
13.58	9.29	2.00	0.00	1.00	0.00	13.59	9.28	2.00	0.00	1.00	0.00
13.60	9.28	2.00	0.00	1.00	0.00	13.61	9.18	2.00	0.00	1.00	0.00
13.62	9.18	2.00	0.00	1.00	0.00	13.63	8.99	2.00	0.00	1.00	0.00
13.64	8.99	2.00	0.00	1.00	0.00	13.65	8.99	2.00	0.00	1.00	0.00
13.66	8.80	2.00	0.00	1.00	0.00	13.67	8.80	2.00	0.00	1.00	0.00
13.68	8.70	2.00	0.00	1.00	0.00	13.69	8.70	2.00	0.00	1.00	0.00
13.70	8.79	2.00	0.00	1.00	0.00	13.71	8.78	2.00	0.00	1.00	0.00
13.72	8.78	2.00	0.00	1.00	0.00	13.73	8.78	2.00	0.00	1.00	0.00
13.74	8.77	2.00	0.00	1.00	0.00	13.75	8.86	2.00	0.00	1.00	0.00
13.76	8.95	2.00	0.00	1.00	0.00	13.77	8.95	2.00	0.00	1.00	0.00
13.78	8.94	2.00	0.00	1.00	0.00	13.79	8.94	2.00	0.00	1.00	0.00
13.80	8.84	2.00	0.00	1.00	0.00	13.81	8.93	2.00	0.00	1.00	0.00
13.82	8.93	2.00	0.00	1.00	0.00	13.83	9.02	2.00	0.00	1.00	0.00
13.84	8.92	2.00	0.00	1.00	0.00	13.85	8.83	2.00	0.00	1.00	0.00
13.86	8.91	2.00	0.00	1.00	0.00	13.87	8.82	2.00	0.00	1.00	0.00
13.88	8.82	2.00	0.00	1.00	0.00	13.89	8.81	2.00	0.00	1.00	0.00
13.90	8.81	2.00	0.00	1.00	0.00	13.91	8.81	2.00	0.00	1.00	0.00
13.92	8.80	2.00	0.00	1.00	0.00	13.93	8.80	2.00	0.00	1.00	0.00
13.94	8.44	2.00	0.00	1.00	0.00	13.95	8.70	2.00	0.00	1.00	0.00
13.96	8.70	2.00	0.00	1.00	0.00	13.97	8.70	2.00	0.00	1.00	0.00
13.98	8.69	2.00	0.00	1.00	0.00	13.99	8.78	2.00	0.00	1.00	0.00
14.00	8.78	2.00	0.00	1.00	0.00	14.01	8.68	2.00	0.00	1.00	0.00
14.02	8.77	2.00	0.00	1.00	0.00	14.03	8.77	2.00	0.00	1.00	0.00
14.04	8.85	2.00	0.00	1.00	0.00	14.05	8.85	2.00	0.00	1.00	0.00
14.06	8.94	2.00	0.00	1.00	0.00	14.07	9.11	2.00	0.00	1.00	0.00
14.08	9.29	2.00	0.00	1.00	0.00	14.09	9.82	2.00	0.00	1.00	0.00
14.10	10.00	2.00	0.00	1.00	0.00	14.11	10.45	2.00	0.00	1.00	0.00
14.12	10.53	2.00	0.00	1.00	0.00	14.13	10.80	2.00	0.00	1.00	0.00
14.14	10.88	2.00	0.00	1.00	0.00	14.15	10.88	2.00	0.00	1.00	0.00
14.16	10.69	2.00	0.00	1.00	0.00	14.17	10.69	2.00	0.00	1.00	0.00
14.18	10.69	2.00	0.00	1.00	0.00	14.19	11.04	2.00	0.00	1.00	0.00
14.20	11.04	2.00	0.00	1.00	0.00	14.21	11.12	2.00	0.00	1.00	0.00
14.22	11.48	2.00	0.00	1.00	0.00	14.23	11.74	2.00	0.00	1.00	0.00
14.24	12.19	2.00	0.00	1.00	0.00	14.25	12.27	2.00	0.00	1.00	0.00
14.26	12.27	2.00	0.00	1.00	0.00	14.27	12.17	2.00	0.00	1.00	0.00
14.28	11.99	2.00	0.00	1.00	0.00	14.29	11.71	2.00	0.00	1.00	0.00
14.30	11.44	2.00	0.00	1.00	0.00	14.31	11.26	2.00	0.00	1.00	0.00
14.32	10.81	2.00	0.00	1.00	0.00	14.33	10.62	2.00	0.00	1.00	0.00
14.34	10.44	2.00	0.00	1.00	0.00	14.35	10.26	2.00	0.00	1.00	0.00
14.36	10.08	2.00	0.00	1.00	0.00	14.37	10.16	2.00	0.00	1.00	0.00
14.38	10.16	2.00	0.00	1.00	0.00	14.39	10.15	2.00	0.00	1.00	0.00
14.40	10.24	2.00	0.00	1.00	0.00	14.41	10.32	2.00	0.00	1.00	0.00
14.42	10.41	2.00	0.00	1.00	0.00	14.43	10.49	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	10.58	2.00	0.00	1.00	0.00	14.45	10.66	2.00	0.00	1.00	0.00
14.46	10.75	2.00	0.00	1.00	0.00	14.47	10.92	2.00	0.00	1.00	0.00
14.48	10.83	2.00	0.00	1.00	0.00	14.49	10.56	2.00	0.00	1.00	0.00
14.50	10.47	2.00	0.00	1.00	0.00	14.51	10.37	2.00	0.00	1.00	0.00
14.52	10.10	2.00	0.00	1.00	0.00	14.53	10.01	2.00	0.00	1.00	0.00
14.54	10.36	2.00	0.00	1.00	0.00	14.55	10.45	2.00	0.00	1.00	0.00
14.56	10.44	2.00	0.00	1.00	0.00	14.57	10.35	2.00	0.00	1.00	0.00
14.58	10.26	2.00	0.00	1.00	0.00	14.59	10.25	2.00	0.00	1.00	0.00
14.60	10.60	2.00	0.00	1.00	0.00	14.61	10.86	2.00	0.00	1.00	0.00
14.62	10.95	2.00	0.00	1.00	0.00	14.63	10.86	2.00	0.00	1.00	0.00
14.64	10.50	2.00	0.00	1.00	0.00	14.65	10.41	2.00	0.00	1.00	0.00
14.66	10.67	2.00	0.00	1.00	0.00	14.67	10.66	2.00	0.00	1.00	0.00
14.68	10.75	2.00	0.00	1.00	0.00	14.69	10.74	2.00	0.00	1.00	0.00
14.70	10.65	2.00	0.00	1.00	0.00	14.71	10.73	2.00	0.00	1.00	0.00
14.72	10.91	2.00	0.00	1.00	0.00	14.73	10.90	2.00	0.00	1.00	0.00
14.74	10.81	2.00	0.00	1.00	0.00	14.75	10.63	2.00	0.00	1.00	0.00
14.76	10.36	2.00	0.00	1.00	0.00	14.77	10.36	2.00	0.00	1.00	0.00
14.78	10.18	2.00	0.00	1.00	0.00	14.79	10.00	2.00	0.00	1.00	0.00
14.80	9.91	2.00	0.00	1.00	0.00	14.81	9.64	2.00	0.00	1.00	0.00
14.82	9.46	2.00	0.00	1.00	0.00	14.83	9.28	2.00	0.00	1.00	0.00
14.84	9.28	2.00	0.00	1.00	0.00	14.85	9.28	2.00	0.00	1.00	0.00
14.86	9.27	2.00	0.00	1.00	0.00	14.87	9.27	2.00	0.00	1.00	0.00
14.88	9.27	2.00	0.00	1.00	0.00	14.89	9.35	2.00	0.00	1.00	0.00
14.90	9.43	2.00	0.00	1.00	0.00	14.91	9.43	2.00	0.00	1.00	0.00
14.92	9.43	2.00	0.00	1.00	0.00	14.93	9.42	2.00	0.00	1.00	0.00
14.94	8.90	2.00	0.00	1.00	0.00	14.95	9.16	2.00	0.00	1.00	0.00
14.96	9.15	2.00	0.00	1.00	0.00	14.97	9.06	2.00	0.00	1.00	0.00
14.98	8.97	2.00	0.00	1.00	0.00	14.99	8.88	2.00	0.00	1.00	0.00
15.00	8.88	2.00	0.00	1.00	0.00	15.01	8.96	2.00	0.00	1.00	0.00
15.02	8.96	2.00	0.00	1.00	0.00	15.03	9.04	2.00	0.00	1.00	0.00
15.04	9.04	2.00	0.00	1.00	0.00	15.05	9.21	2.00	0.00	1.00	0.00
15.06	9.21	2.00	0.00	1.00	0.00	15.07	9.38	2.00	0.00	1.00	0.00
15.08	9.46	2.00	0.00	1.00	0.00	15.09	9.54	2.00	0.00	1.00	0.00
15.10	9.63	2.00	0.00	1.00	0.00	15.11	9.71	2.00	0.00	1.00	0.00
15.12	9.79	2.00	0.00	1.00	0.00	15.13	9.79	2.00	0.00	1.00	0.00
15.14	9.87	2.00	0.00	1.00	0.00	15.15	9.96	2.00	0.00	1.00	0.00
15.16	9.86	2.00	0.00	1.00	0.00	15.17	9.86	2.00	0.00	1.00	0.00
15.18	9.77	2.00	0.00	1.00	0.00	15.19	9.51	2.00	0.00	1.00	0.00
15.20	9.50	2.00	0.00	1.00	0.00	15.21	9.41	2.00	0.00	1.00	0.00
15.22	9.15	2.00	0.00	1.00	0.00	15.23	9.15	2.00	0.00	1.00	0.00
15.24	9.15	2.00	0.00	1.00	0.00	15.25	9.23	2.00	0.00	1.00	0.00
15.26	9.23	2.00	0.00	1.00	0.00	15.27	9.31	2.00	0.00	1.00	0.00
15.28	9.30	2.00	0.00	1.00	0.00	15.29	9.30	2.00	0.00	1.00	0.00
15.30	9.30	2.00	0.00	1.00	0.00	15.31	9.29	2.00	0.00	1.00	0.00
15.32	9.38	2.00	0.00	1.00	0.00	15.33	9.37	2.00	0.00	1.00	0.00
15.34	9.28	2.00	0.00	1.00	0.00	15.35	9.28	2.00	0.00	1.00	0.00
15.36	9.28	2.00	0.00	1.00	0.00	15.37	9.19	2.00	0.00	1.00	0.00
15.38	9.19	2.00	0.00	1.00	0.00	15.39	9.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	9.27	2.00	0.00	1.00	0.00	15.41	9.18	2.00	0.00	1.00	0.00
15.42	9.09	2.00	0.00	1.00	0.00	15.43	9.00	2.00	0.00	1.00	0.00
15.44	8.99	2.00	0.00	1.00	0.00	15.45	9.08	2.00	0.00	1.00	0.00
15.46	9.07	2.00	0.00	1.00	0.00	15.47	9.07	2.00	0.00	1.00	0.00
15.48	9.15	2.00	0.00	1.00	0.00	15.49	9.24	2.00	0.00	1.00	0.00
15.50	9.23	2.00	0.00	1.00	0.00	15.51	9.23	2.00	0.00	1.00	0.00
15.52	9.14	2.00	0.00	1.00	0.00	15.53	9.14	2.00	0.00	1.00	0.00
15.54	8.79	2.00	0.00	1.00	0.00	15.55	8.62	2.00	0.00	1.00	0.00
15.56	8.53	2.00	0.00	1.00	0.00	15.57	8.36	2.00	0.00	1.00	0.00
15.58	8.27	2.00	0.00	1.00	0.00	15.59	8.10	2.00	0.00	1.00	0.00
15.60	8.18	2.00	0.00	1.00	0.00	15.61	8.35	2.00	0.00	1.00	0.00
15.62	8.34	2.00	0.00	1.00	0.00	15.63	8.42	2.00	0.00	1.00	0.00
15.64	8.42	2.00	0.00	1.00	0.00	15.65	8.42	2.00	0.00	1.00	0.00
15.66	8.42	2.00	0.00	1.00	0.00	15.67	8.50	2.00	0.00	1.00	0.00
15.68	8.41	2.00	0.00	1.00	0.00	15.69	8.41	2.00	0.00	1.00	0.00
15.70	8.40	2.00	0.00	1.00	0.00	15.71	8.66	2.00	0.00	1.00	0.00
15.72	8.65	2.00	0.00	1.00	0.00	15.73	8.73	2.00	0.00	1.00	0.00
15.74	8.73	2.00	0.00	1.00	0.00	15.75	8.73	2.00	0.00	1.00	0.00
15.76	8.64	2.00	0.00	1.00	0.00	15.77	8.64	2.00	0.00	1.00	0.00
15.78	8.63	2.00	0.00	1.00	0.00	15.79	8.55	2.00	0.00	1.00	0.00
15.80	8.54	2.00	0.00	1.00	0.00	15.81	8.71	2.00	0.00	1.00	0.00
15.82	8.96	2.00	0.00	1.00	0.00	15.83	9.04	2.00	0.00	1.00	0.00
15.84	8.96	2.00	0.00	1.00	0.00	15.85	8.95	2.00	0.00	1.00	0.00
15.86	8.86	2.00	0.00	1.00	0.00	15.87	8.86	2.00	0.00	1.00	0.00
15.88	8.94	2.00	0.00	1.00	0.00	15.89	9.11	2.00	0.00	1.00	0.00
15.90	9.11	2.00	0.00	1.00	0.00	15.91	9.10	2.00	0.00	1.00	0.00
15.92	9.10	2.00	0.00	1.00	0.00	15.93	9.10	2.00	0.00	1.00	0.00
15.94	9.01	2.00	0.00	1.00	0.00	15.95	9.01	2.00	0.00	1.00	0.00
15.96	9.17	2.00	0.00	1.00	0.00	15.97	9.42	2.00	0.00	1.00	0.00
15.98	9.50	2.00	0.00	1.00	0.00	15.99	9.92	2.00	0.00	1.00	0.00
16.00	10.09	2.00	0.00	1.00	0.00	16.01	10.34	2.00	0.00	1.00	0.00
16.02	10.42	2.00	0.00	1.00	0.00	16.03	10.58	2.00	0.00	1.00	0.00
16.04	10.66	2.00	0.00	1.00	0.00	16.05	10.57	2.00	0.00	1.00	0.00
16.06	10.49	2.00	0.00	1.00	0.00	16.07	10.48	2.00	0.00	1.00	0.00
16.08	10.56	2.00	0.00	1.00	0.00	16.09	10.56	2.00	0.00	1.00	0.00
16.10	10.64	2.00	0.00	1.00	0.00	16.11	10.55	2.00	0.00	1.00	0.00
16.12	10.55	2.00	0.00	1.00	0.00	16.13	10.63	2.00	0.00	1.00	0.00
16.14	10.62	2.00	0.00	1.00	0.00	16.15	10.62	2.00	0.00	1.00	0.00
16.16	10.53	2.00	0.00	1.00	0.00	16.17	10.28	2.00	0.00	1.00	0.00
16.18	10.19	2.00	0.00	1.00	0.00	16.19	10.02	2.00	0.00	1.00	0.00
16.20	9.85	2.00	0.00	1.00	0.00	16.21	9.76	2.00	0.00	1.00	0.00
16.22	9.76	2.00	0.00	1.00	0.00	16.23	9.84	2.00	0.00	1.00	0.00
16.24	9.75	2.00	0.00	1.00	0.00	16.25	9.91	2.00	0.00	1.00	0.00
16.26	9.91	2.00	0.00	1.00	0.00	16.27	9.99	2.00	0.00	1.00	0.00
16.28	9.90	2.00	0.00	1.00	0.00	16.29	9.90	2.00	0.00	1.00	0.00
16.30	9.81	2.00	0.00	1.00	0.00	16.31	9.73	2.00	0.00	1.00	0.00
16.32	9.14	2.00	0.00	1.00	0.00	16.33	8.97	2.00	0.00	1.00	0.00
16.34	8.80	2.00	0.00	1.00	0.00	16.35	8.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	8.63	2.00	0.00	1.00	0.00	16.37	8.38	2.00	0.00	1.00	0.00
16.38	8.29	2.00	0.00	1.00	0.00	16.39	8.21	2.00	0.00	1.00	0.00
16.40	8.20	2.00	0.00	1.00	0.00	16.41	7.95	2.00	0.00	1.00	0.00
16.42	7.87	2.00	0.00	1.00	0.00	16.43	7.62	2.00	0.00	1.00	0.00
16.44	7.45	2.00	0.00	1.00	0.00	16.45	7.12	2.00	0.00	1.00	0.00
16.46	6.95	2.00	0.00	1.00	0.00	16.47	6.62	2.00	0.00	1.00	0.00
16.48	6.12	2.00	0.00	1.00	0.00	16.49	6.04	2.00	0.00	1.00	0.00
16.50	5.95	2.00	0.00	1.00	0.00	16.51	5.95	2.00	0.00	1.00	0.00
16.52	5.95	2.00	0.00	1.00	0.00	16.53	5.95	2.00	0.00	1.00	0.00
16.54	5.95	2.00	0.00	1.00	0.00	16.55	5.94	2.00	0.00	1.00	0.00
16.56	6.02	2.00	0.00	1.00	0.00	16.57	6.10	2.00	0.00	1.00	0.00
16.58	6.27	2.00	0.00	1.00	0.00	16.59	6.26	2.00	0.00	1.00	0.00
16.60	6.34	2.00	0.00	1.00	0.00	16.61	6.43	2.00	0.00	1.00	0.00
16.62	6.51	2.00	0.00	1.00	0.00	16.63	6.67	2.00	0.00	1.00	0.00
16.64	6.67	2.00	0.00	1.00	0.00	16.65	6.75	2.00	0.00	1.00	0.00
16.66	7.48	2.00	0.00	1.00	0.00	16.67	7.73	2.00	0.00	1.00	0.00
16.68	8.22	2.00	0.00	1.00	0.00	16.69	8.46	2.00	0.00	1.00	0.00
16.70	8.87	2.00	0.00	1.00	0.00	16.71	8.95	2.00	0.00	1.00	0.00
16.72	9.03	2.00	0.00	1.00	0.00	16.73	9.03	2.00	0.00	1.00	0.00
16.74	8.86	2.00	0.00	1.00	0.00	16.75	8.70	2.00	0.00	1.00	0.00
16.76	8.36	2.00	0.00	1.00	0.00	16.77	8.28	2.00	0.00	1.00	0.00
16.78	8.11	2.00	0.00	1.00	0.00	16.79	8.03	2.00	0.00	1.00	0.00
16.80	7.86	2.00	0.00	1.00	0.00	16.81	7.94	2.00	0.00	1.00	0.00
16.82	8.02	2.00	0.00	1.00	0.00	16.83	8.27	2.00	0.00	1.00	0.00
16.84	8.43	2.00	0.00	1.00	0.00	16.85	8.59	2.00	0.00	1.00	0.00
16.86	8.83	2.00	0.00	1.00	0.00	16.87	8.91	2.00	0.00	1.00	0.00
16.88	8.91	2.00	0.00	1.00	0.00	16.89	8.99	2.00	0.00	1.00	0.00
16.90	9.15	2.00	0.00	1.00	0.00	16.91	9.15	2.00	0.00	1.00	0.00
16.92	9.14	2.00	0.00	1.00	0.00	16.93	9.14	2.00	0.00	1.00	0.00
16.94	8.57	2.00	0.00	1.00	0.00	16.95	8.73	2.00	0.00	1.00	0.00
16.96	9.13	2.00	0.00	1.00	0.00	16.97	9.21	2.00	0.00	1.00	0.00
16.98	9.37	2.00	0.00	1.00	0.00	16.99	9.53	2.00	0.00	1.00	0.00
17.00	9.61	2.00	0.00	1.00	0.00	17.01	9.61	2.00	0.00	1.00	0.00
17.02	9.69	2.00	0.00	1.00	0.00	17.03	9.93	2.00	0.00	1.00	0.00
17.04	9.93	2.00	0.00	1.00	0.00	17.05	10.01	2.00	0.00	1.00	0.00
17.06	10.17	2.00	0.00	1.00	0.00	17.07	10.33	2.00	0.00	1.00	0.00
17.08	10.57	2.00	0.00	1.00	0.00	17.09	10.89	2.00	0.00	1.00	0.00
17.10	10.97	2.00	0.00	1.00	0.00	17.11	11.13	2.00	0.00	1.00	0.00
17.12	11.37	2.00	0.00	1.00	0.00	17.13	11.45	2.00	0.00	1.00	0.00
17.14	11.69	2.00	0.00	1.00	0.00	17.15	11.77	2.00	0.00	1.00	0.00
17.16	11.77	2.00	0.00	1.00	0.00	17.17	11.68	2.00	0.00	1.00	0.00
17.18	11.68	2.00	0.00	1.00	0.00	17.19	11.67	2.00	0.00	1.00	0.00
17.20	11.91	2.00	0.00	1.00	0.00	17.21	11.67	2.00	0.00	1.00	0.00
17.22	11.58	2.00	0.00	1.00	0.00	17.23	11.49	2.00	0.00	1.00	0.00
17.24	11.49	2.00	0.00	1.00	0.00	17.25	11.65	2.00	0.00	1.00	0.00
17.26	11.65	2.00	0.00	1.00	0.00	17.27	11.56	2.00	0.00	1.00	0.00
17.28	11.48	2.00	0.00	1.00	0.00	17.29	11.55	2.00	0.00	1.00	0.00
17.30	11.55	2.00	0.00	1.00	0.00	17.31	11.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
17.32	11.79	2.00	0.00	1.00	0.00	17.33	11.86	2.00	0.00	1.00	0.00
17.34	11.86	2.00	0.00	1.00	0.00	17.35	11.85	2.00	0.00	1.00	0.00
17.36	11.85	2.00	0.00	1.00	0.00	17.37	11.77	2.00	0.00	1.00	0.00
17.38	11.76	2.00	0.00	1.00	0.00	17.39	11.76	2.00	0.00	1.00	0.00
17.40	11.75	2.00	0.00	1.00	0.00	17.41	11.75	2.00	0.00	1.00	0.00
17.42	11.91	2.00	0.00	1.00	0.00	17.43	11.90	2.00	0.00	1.00	0.00
17.44	11.90	2.00	0.00	1.00	0.00	17.45	11.65	2.00	0.00	1.00	0.00
17.46	11.41	2.00	0.00	1.00	0.00	17.47	11.24	2.00	0.00	1.00	0.00
17.48	11.24	2.00	0.00	1.00	0.00	17.49	11.15	2.00	0.00	1.00	0.00
17.50	11.15	2.00	0.00	1.00	0.00	17.51	11.14	2.00	0.00	1.00	0.00
17.52	11.14	2.00	0.00	1.00	0.00	17.53	11.22	2.00	0.00	1.00	0.00
17.54	11.13	2.00	0.00	1.00	0.00	17.55	11.13	2.00	0.00	1.00	0.00
17.56	11.45	2.00	0.00	1.00	0.00	17.57	11.45	2.00	0.00	1.00	0.00
17.58	11.36	2.00	0.00	1.00	0.00	17.59	11.36	2.00	0.00	1.00	0.00
17.60	11.43	2.00	0.00	1.00	0.00	17.61	11.43	2.00	0.00	1.00	0.00
17.62	11.43	2.00	0.00	1.00	0.00	17.63	11.42	2.00	0.00	1.00	0.00
17.64	11.26	2.00	0.00	1.00	0.00	17.65	11.25	2.00	0.00	1.00	0.00
17.66	11.33	2.00	0.00	1.00	0.00	17.67	11.41	2.00	0.00	1.00	0.00
17.68	11.48	2.00	0.00	1.00	0.00	17.69	11.48	2.00	0.00	1.00	0.00
17.70	11.48	2.00	0.00	1.00	0.00	17.71	11.31	2.00	0.00	1.00	0.00
17.72	11.31	2.00	0.00	1.00	0.00	17.73	11.30	2.00	0.00	1.00	0.00
17.74	11.46	2.00	0.00	1.00	0.00	17.75	11.54	2.00	0.00	1.00	0.00
17.76	11.61	2.00	0.00	1.00	0.00	17.77	11.77	2.00	0.00	1.00	0.00
17.78	11.85	2.00	0.00	1.00	0.00	17.79	11.76	2.00	0.00	1.00	0.00
17.80	11.76	2.00	0.00	1.00	0.00	17.81	11.76	2.00	0.00	1.00	0.00
17.82	11.83	2.00	0.00	1.00	0.00	17.83	11.91	2.00	0.00	1.00	0.00
17.84	12.15	2.00	0.00	1.00	0.00	17.85	12.22	2.00	0.00	1.00	0.00
17.86	12.30	2.00	0.00	1.00	0.00	17.87	12.37	2.00	0.00	1.00	0.00
17.88	12.45	2.00	0.00	1.00	0.00	17.89	12.61	2.00	0.00	1.00	0.00
17.90	12.68	2.00	0.00	1.00	0.00	17.91	12.68	2.00	0.00	1.00	0.00
17.92	12.67	2.00	0.00	1.00	0.00	17.93	10.67	2.00	0.00	1.00	0.00
17.94	12.91	2.00	0.00	1.00	0.00	17.95	13.95	2.00	0.00	1.00	0.00
17.96	14.26	2.00	0.00	1.00	0.00	17.97	14.42	2.00	0.00	1.00	0.00
17.98	14.66	2.00	0.00	1.00	0.00	17.99	14.73	2.00	0.00	1.00	0.00
18.00	15.05	2.00	0.00	1.00	0.00	18.01	15.37	2.00	0.00	1.00	0.00
18.02	15.28	2.00	0.00	1.00	0.00	18.03	15.04	2.00	0.00	1.00	0.00
18.04	14.79	2.00	0.00	1.00	0.00	18.05	14.70	2.00	0.00	1.00	0.00
18.06	14.70	2.00	0.00	1.00	0.00	18.07	14.77	2.00	0.00	1.00	0.00
18.08	14.69	2.00	0.00	1.00	0.00	18.09	14.60	2.00	0.00	1.00	0.00
18.10	14.36	2.00	0.00	1.00	0.00	18.11	14.11	2.00	0.00	1.00	0.00
18.12	13.79	2.00	0.00	1.00	0.00	18.13	13.62	2.00	0.00	1.00	0.00
18.14	13.46	2.00	0.00	1.00	0.00	18.15	13.45	2.00	0.00	1.00	0.00
18.16	13.53	2.00	0.00	1.00	0.00	18.17	13.60	2.00	0.00	1.00	0.00
18.18	13.68	2.00	0.00	1.00	0.00	18.19	13.04	2.00	0.00	1.00	0.00
18.20	13.11	2.00	0.00	1.00	0.00	18.21	13.19	2.00	0.00	1.00	0.00
18.22	13.34	2.00	0.00	1.00	0.00	18.23	13.50	2.00	0.00	1.00	0.00
18.24	13.49	2.00	0.00	1.00	0.00	18.25	13.49	2.00	0.00	1.00	0.00
18.26	13.40	2.00	0.00	1.00	0.00	18.27	13.56	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.28	13.63	2.00	0.00	1.00	0.00	18.29	13.71	2.00	0.00	1.00	0.00
18.30	13.62	2.00	0.00	1.00	0.00	18.31	13.38	2.00	0.00	1.00	0.00
18.32	12.98	2.00	0.00	1.00	0.00	18.33	12.82	2.00	0.00	1.00	0.00
18.34	12.58	2.00	0.00	1.00	0.00	18.35	12.65	2.00	0.00	1.00	0.00
18.36	12.41	2.00	0.00	1.00	0.00	18.37	12.33	2.00	0.00	1.00	0.00
18.38	12.32	2.00	0.00	1.00	0.00	18.39	12.48	2.00	0.00	1.00	0.00
18.40	12.55	2.00	0.00	1.00	0.00	18.41	12.63	2.00	0.00	1.00	0.00
18.42	12.94	2.00	0.00	1.00	0.00	18.43	12.93	2.00	0.00	1.00	0.00
18.44	12.93	2.00	0.00	1.00	0.00	18.45	12.92	2.00	0.00	1.00	0.00
18.46	12.92	2.00	0.00	1.00	0.00	18.47	13.00	2.00	0.00	1.00	0.00
18.48	13.07	2.00	0.00	1.00	0.00	18.49	13.22	2.00	0.00	1.00	0.00
18.50	13.30	2.00	0.00	1.00	0.00	18.51	13.21	2.00	0.00	1.00	0.00
18.52	12.97	2.00	0.00	1.00	0.00	18.53	12.73	2.00	0.00	1.00	0.00
18.54	12.02	2.00	0.00	1.00	0.00	18.55	12.17	2.00	0.00	1.00	0.00
18.56	12.25	2.00	0.00	1.00	0.00	18.57	12.17	2.00	0.00	1.00	0.00
18.58	12.16	2.00	0.00	1.00	0.00	18.59	12.08	2.00	0.00	1.00	0.00
18.60	12.08	2.00	0.00	1.00	0.00	18.61	11.91	2.00	0.00	1.00	0.00
18.62	11.83	2.00	0.00	1.00	0.00	18.63	11.75	2.00	0.00	1.00	0.00
18.64	11.59	2.00	0.00	1.00	0.00	18.65	11.12	2.00	0.00	1.00	0.00
18.66	10.96	2.00	0.00	1.00	0.00	18.67	10.72	2.00	0.00	1.00	0.00
18.68	10.72	2.00	0.00	1.00	0.00	18.69	10.71	2.00	0.00	1.00	0.00
18.70	10.87	2.00	0.00	1.00	0.00	18.71	10.55	2.00	0.00	1.00	0.00
18.72	10.55	2.00	0.00	1.00	0.00	18.73	10.54	2.00	0.00	1.00	0.00
18.74	10.54	2.00	0.00	1.00	0.00	18.75	10.30	2.00	0.00	1.00	0.00
18.76	10.30	2.00	0.00	1.00	0.00	18.77	10.22	2.00	0.00	1.00	0.00
18.78	10.14	2.00	0.00	1.00	0.00	18.79	10.14	2.00	0.00	1.00	0.00
18.80	10.21	2.00	0.00	1.00	0.00	18.81	10.36	2.00	0.00	1.00	0.00
18.82	10.59	2.00	0.00	1.00	0.00	18.83	10.67	2.00	0.00	1.00	0.00
18.84	10.82	2.00	0.00	1.00	0.00	18.85	10.97	2.00	0.00	1.00	0.00
18.86	11.35	2.00	0.00	1.00	0.00	18.87	11.66	2.00	0.00	1.00	0.00
18.88	13.06	2.00	0.00	1.00	0.00	18.89	13.21	2.00	0.00	1.00	0.00
18.90	13.52	2.00	0.00	1.00	0.00	18.91	13.52	2.00	0.00	1.00	0.00
18.92	13.51	2.00	0.00	1.00	0.00	18.93	13.35	2.00	0.00	1.00	0.00
18.94	13.66	2.00	0.00	1.00	0.00	18.95	14.05	2.00	0.00	1.00	0.00
18.96	14.04	2.00	0.00	1.00	0.00	18.97	14.04	2.00	0.00	1.00	0.00
18.98	14.03	2.00	0.00	1.00	0.00	18.99	13.87	2.00	0.00	1.00	0.00
19.00	13.79	2.00	0.00	1.00	0.00	19.01	13.55	2.00	0.00	1.00	0.00
19.02	13.39	2.00	0.00	1.00	0.00	19.03	13.08	2.00	0.00	1.00	0.00
19.04	13.00	2.00	0.00	1.00	0.00	19.05	12.68	2.00	0.00	1.00	0.00
19.06	12.68	2.00	0.00	1.00	0.00	19.07	11.74	2.00	0.00	1.00	0.00
19.08	11.58	2.00	0.00	1.00	0.00	19.09	11.66	2.00	0.00	1.00	0.00
19.10	11.73	2.00	0.00	1.00	0.00	19.11	11.73	2.00	0.00	1.00	0.00
19.12	11.72	2.00	0.00	1.00	0.00	19.13	11.88	2.00	0.00	1.00	0.00
19.14	11.87	2.00	0.00	1.00	0.00	19.15	12.02	2.00	0.00	1.00	0.00
19.16	12.02	2.00	0.00	1.00	0.00	19.17	11.78	2.00	0.00	1.00	0.00
19.18	11.63	2.00	0.00	1.00	0.00	19.19	11.54	2.00	0.00	1.00	0.00
19.20	11.54	2.00	0.00	1.00	0.00	19.21	11.69	2.00	0.00	1.00	0.00
19.22	11.69	2.00	0.00	1.00	0.00	19.23	11.76	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

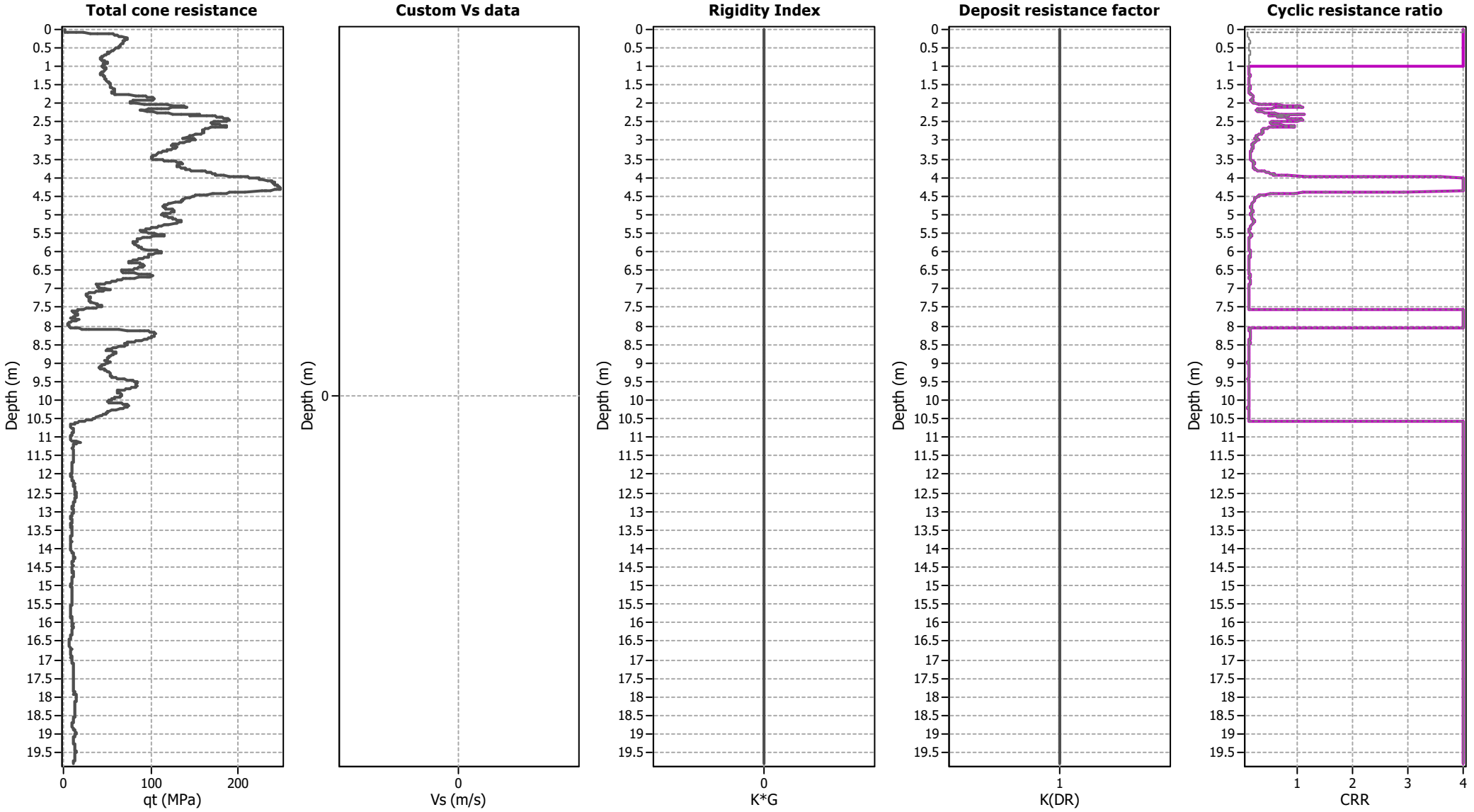
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
19.24	11.91	2.00	0.00	1.00	0.00	19.25	12.14	2.00	0.00	1.00	0.00
19.26	12.29	2.00	0.00	1.00	0.00	19.27	12.67	2.00	0.00	1.00	0.00
19.28	12.74	2.00	0.00	1.00	0.00	19.29	12.89	2.00	0.00	1.00	0.00
19.30	12.97	2.00	0.00	1.00	0.00	19.31	12.96	2.00	0.00	1.00	0.00
19.32	13.04	2.00	0.00	1.00	0.00	19.33	13.26	2.00	0.00	1.00	0.00
19.34	13.41	2.00	0.00	1.00	0.00	19.35	13.56	2.00	0.00	1.00	0.00
19.36	13.48	2.00	0.00	1.00	0.00	19.37	13.17	2.00	0.00	1.00	0.00
19.38	13.17	2.00	0.00	1.00	0.00	19.39	13.09	2.00	0.00	1.00	0.00
19.40	13.31	2.00	0.00	1.00	0.00	19.41	13.46	2.00	0.00	1.00	0.00
19.42	13.53	2.00	0.00	1.00	0.00	19.43	13.45	2.00	0.00	1.00	0.00
19.44	13.53	2.00	0.00	1.00	0.00	19.45	13.91	2.00	0.00	1.00	0.00
19.46	14.06	2.00	0.00	1.00	0.00	19.47	14.44	2.00	0.00	1.00	0.00
19.48	14.43	2.00	0.00	1.00	0.00	19.49	14.12	2.00	0.00	1.00	0.00
19.50	13.89	2.00	0.00	1.00	0.00	19.51	13.80	2.00	0.00	1.00	0.00
19.52	13.80	2.00	0.00	1.00	0.00	19.53	13.57	2.00	0.00	1.00	0.00
19.54	13.56	2.00	0.00	1.00	0.00	19.55	13.40	2.00	0.00	1.00	0.00
19.56	13.40	2.00	0.00	1.00	0.00	19.57	13.24	2.00	0.00	1.00	0.00
19.58	13.16	2.00	0.00	1.00	0.00	19.59	13.16	2.00	0.00	1.00	0.00
19.60	13.08	2.00	0.00	1.00	0.00	19.61	13.07	2.00	0.00	1.00	0.00
19.62	13.07	2.00	0.00	1.00	0.00	19.63	13.06	2.00	0.00	1.00	0.00
19.64	13.06	2.00	0.00	1.00	0.00	19.65	12.90	2.00	0.00	1.00	0.00
19.66	12.75	2.00	0.00	1.00	0.00	19.67	12.74	2.00	0.00	1.00	0.00
19.68	12.66	2.00	0.00	1.00	0.00	19.69	12.66	2.00	0.00	1.00	0.00
19.70	12.58	2.00	0.00	1.00	0.00	19.71	12.50	2.00	0.00	1.00	0.00
19.72	12.19	2.00	0.00	1.00	0.00	19.73	12.11	2.00	0.00	1.00	0.00
19.74	11.95	2.00	0.00	1.00	0.00	19.75	11.87	2.00	0.00	1.00	0.00
19.76	11.87	2.00	0.00	1.00	0.00	19.77	11.72	2.00	0.00	1.00	0.00
19.78	11.64	2.00	0.00	1.00	0.00	19.79	11.41	2.00	0.00	1.00	0.00
19.80	11.33	2.00	0.00	1.00	0.00						

Total estimated settlement: 23.15

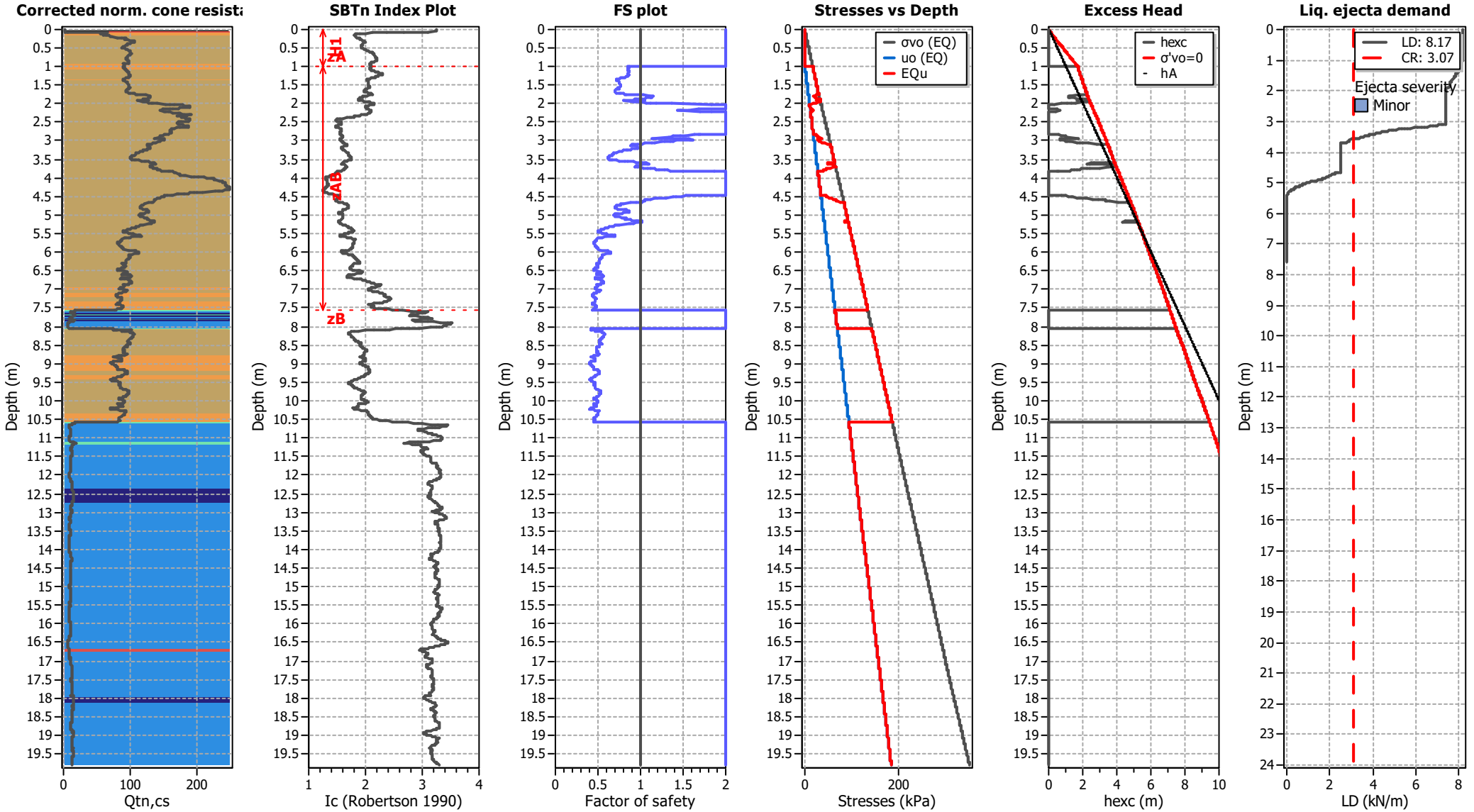
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



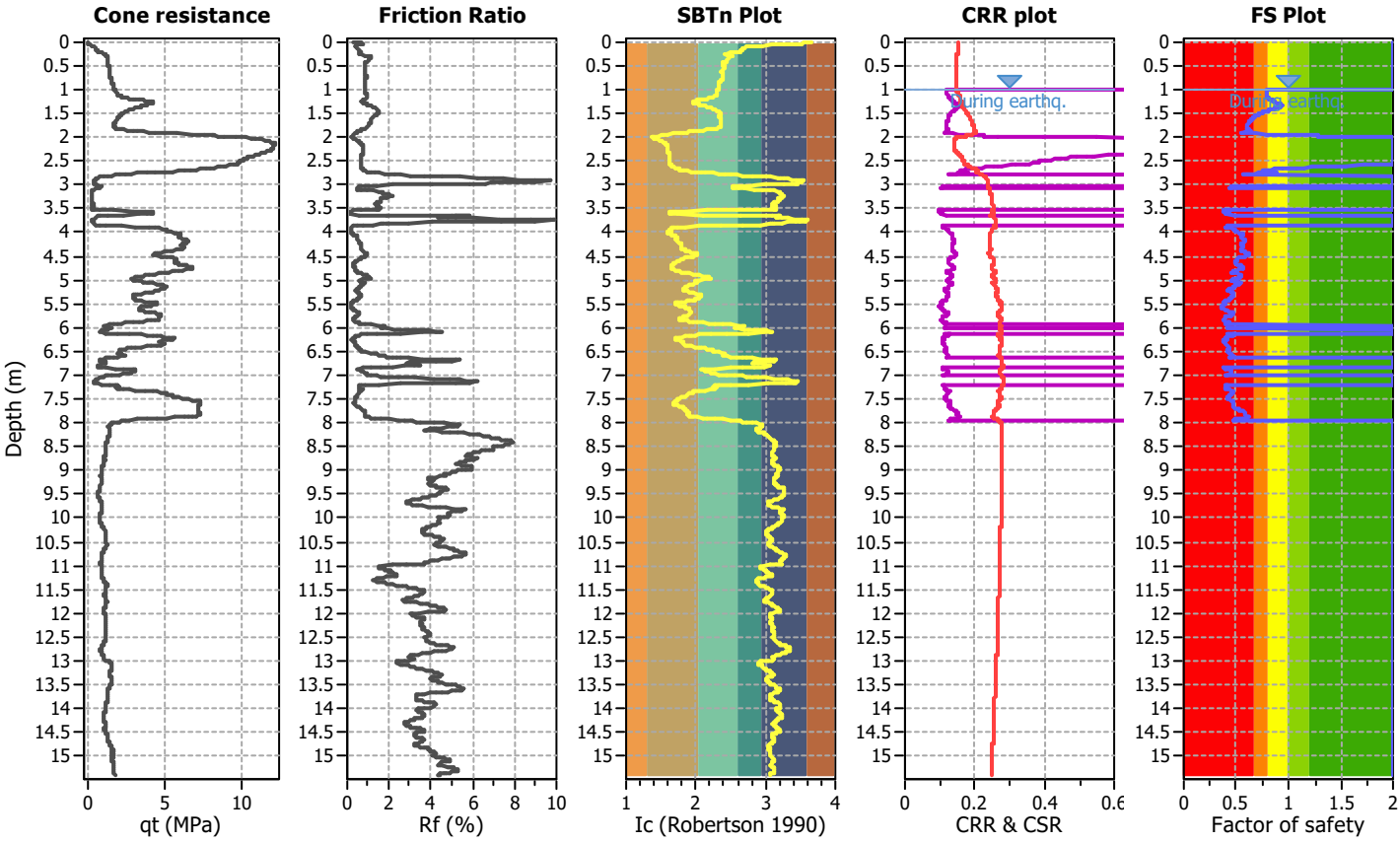
LIQUEFACTION ANALYSIS REPORT

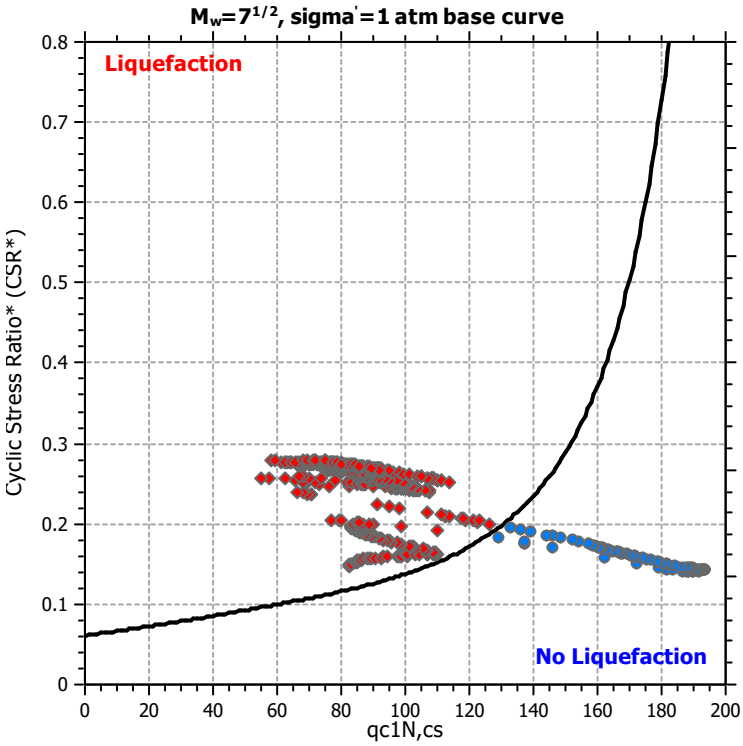
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

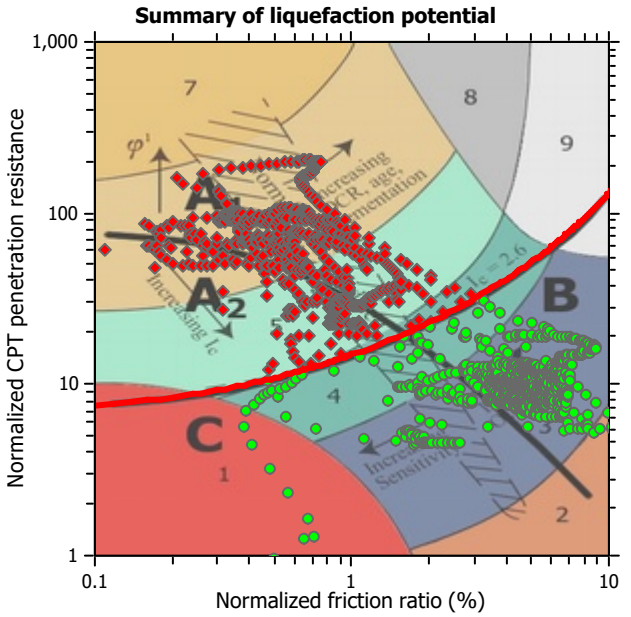
CPT file : 040008P1017CPTU1018

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

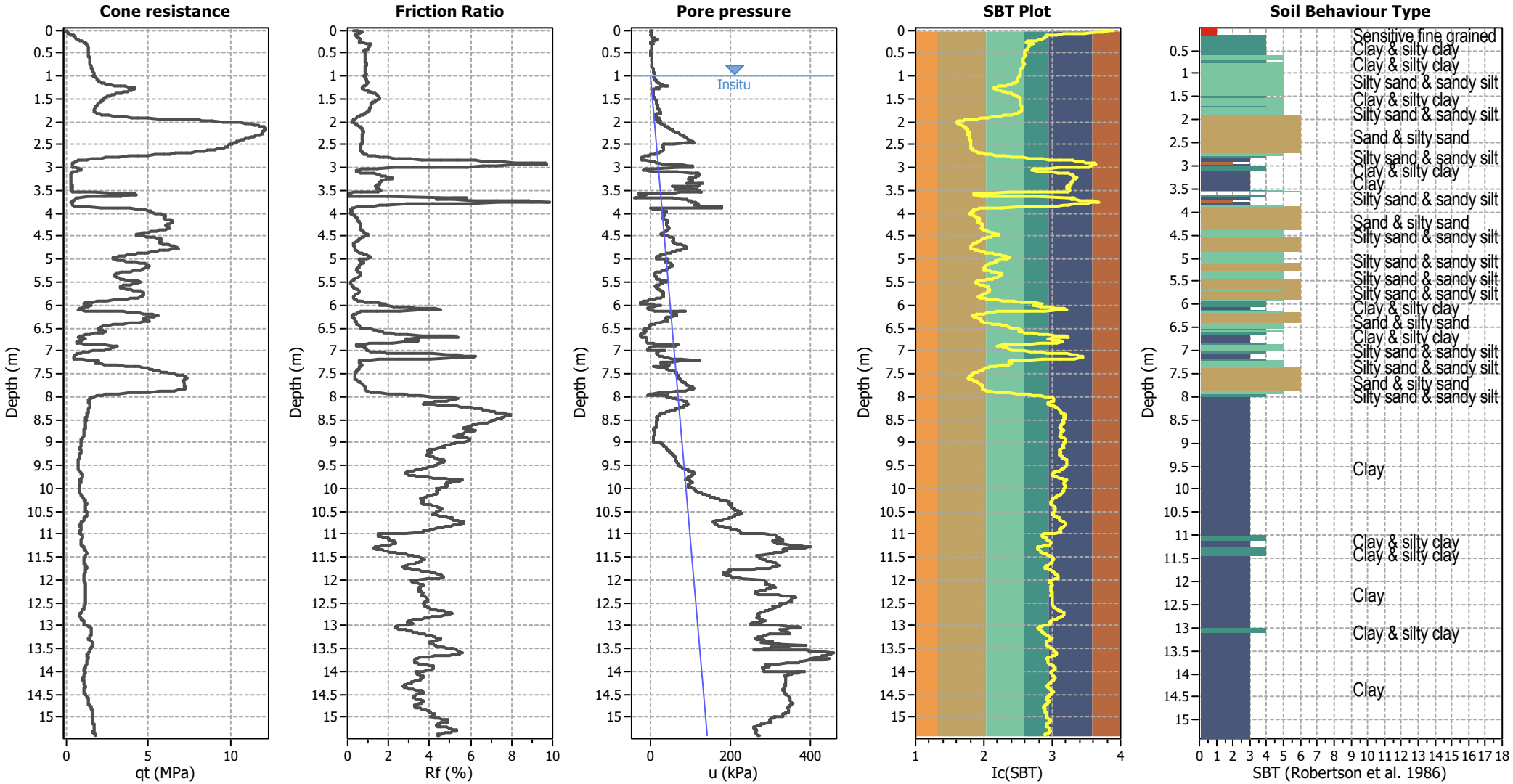






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



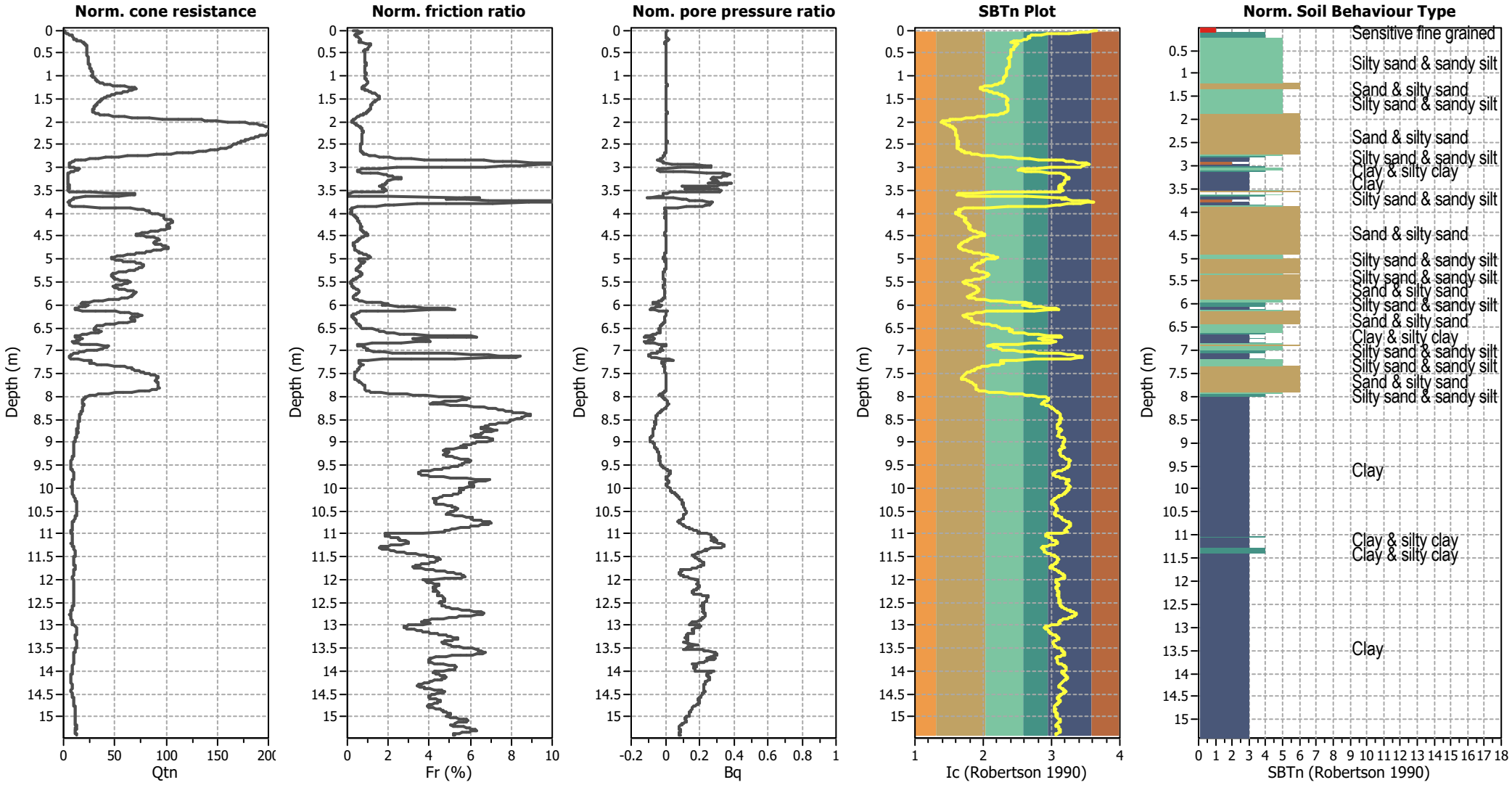
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



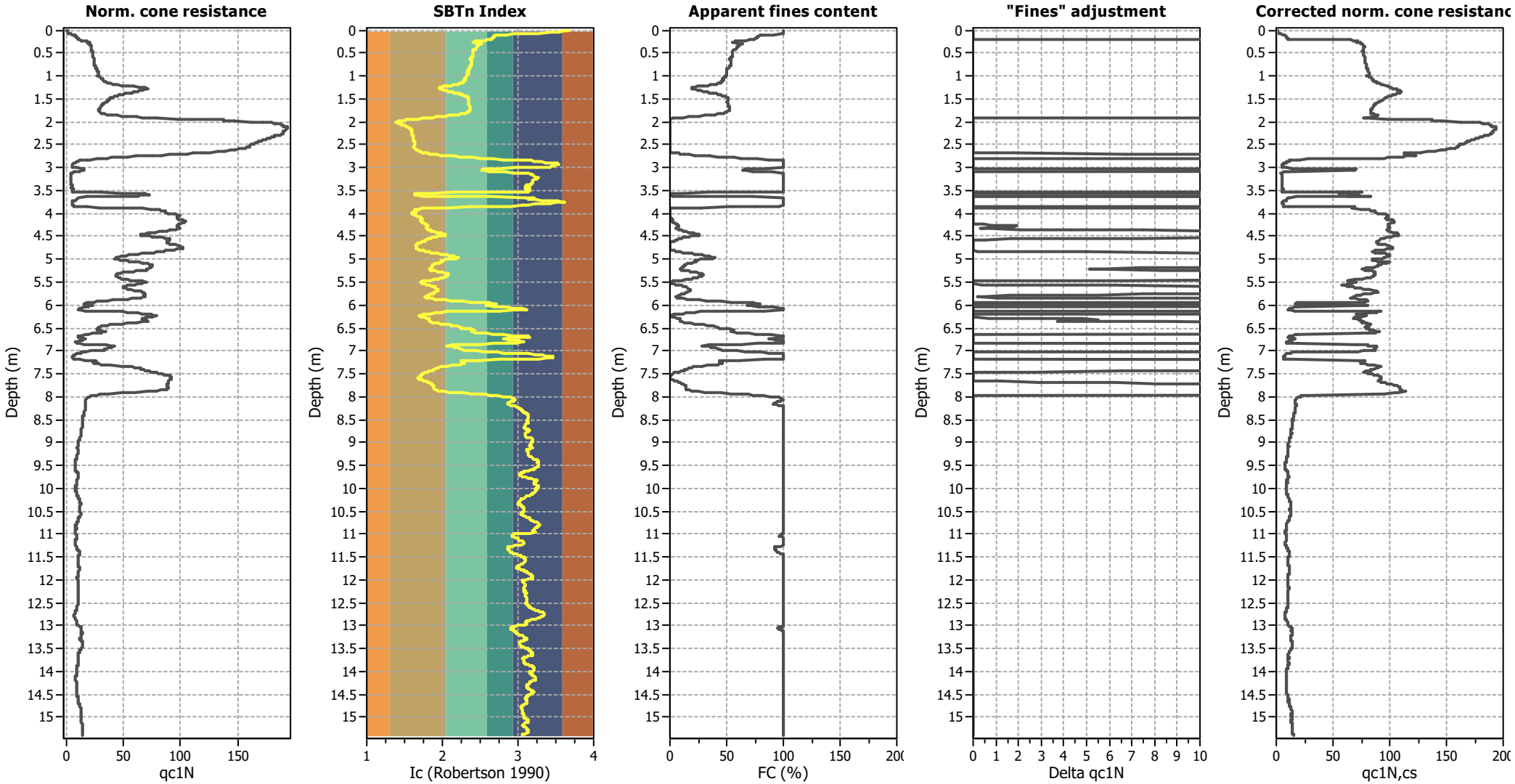
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

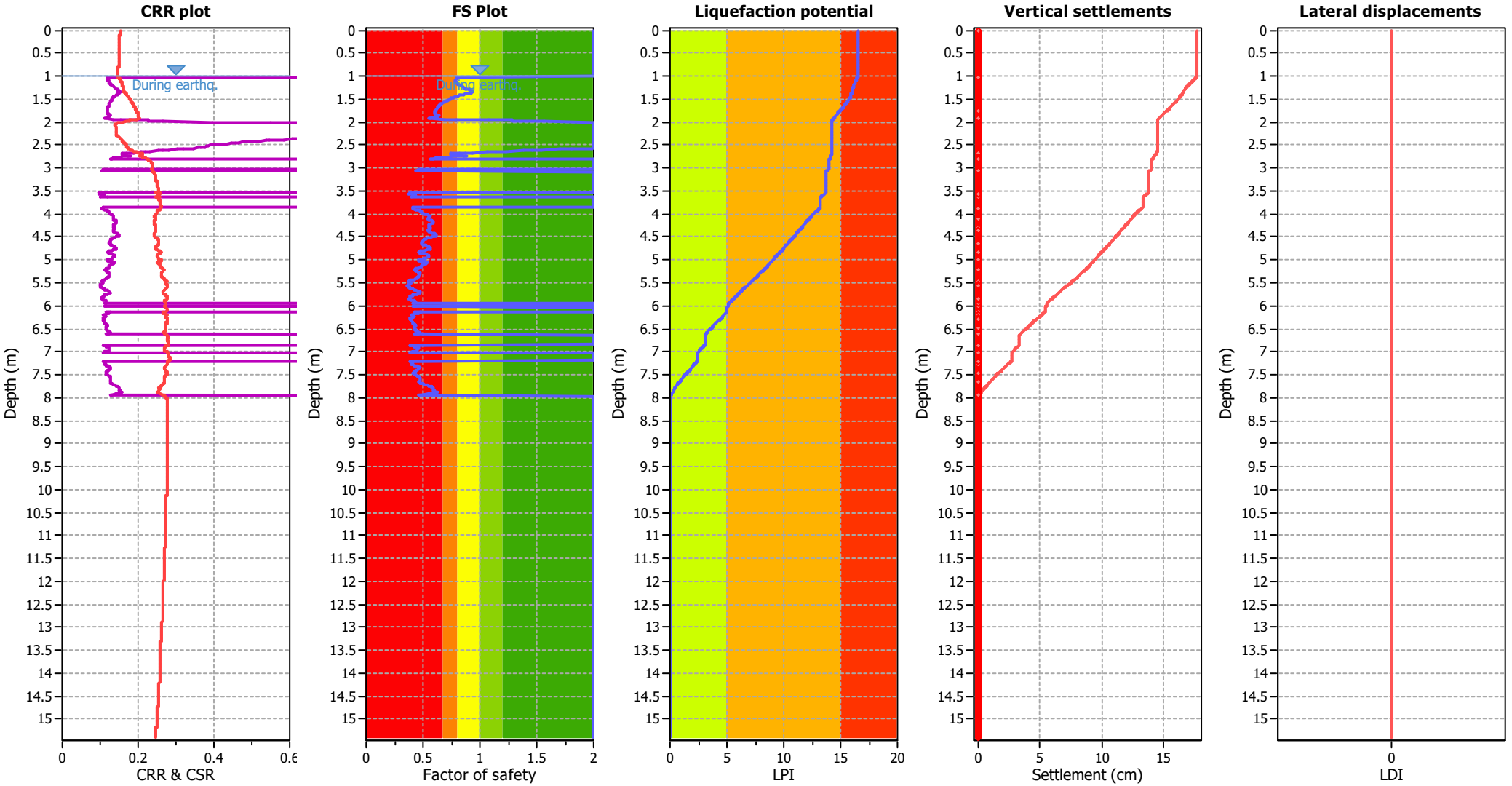
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

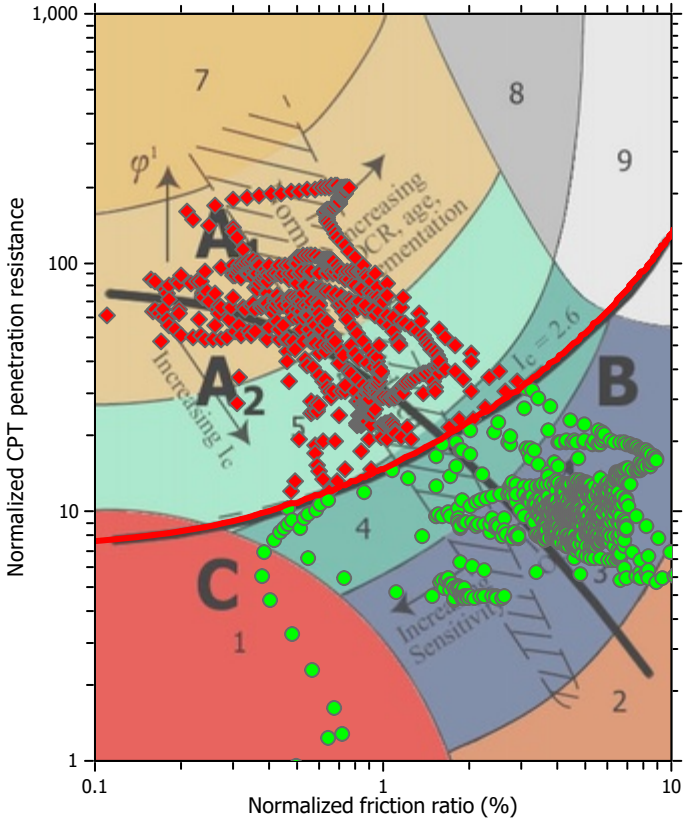
F.S. color scheme

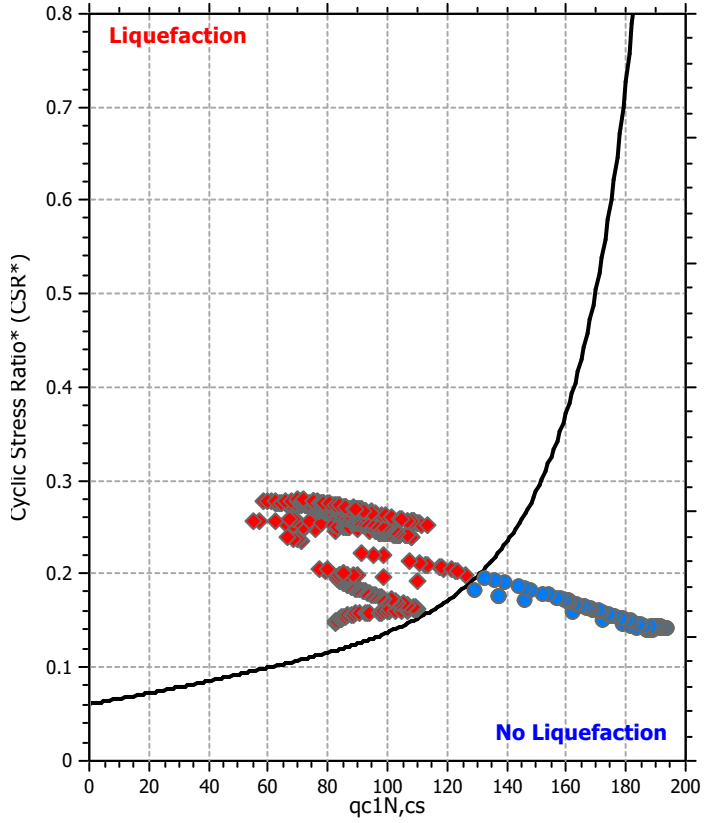
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

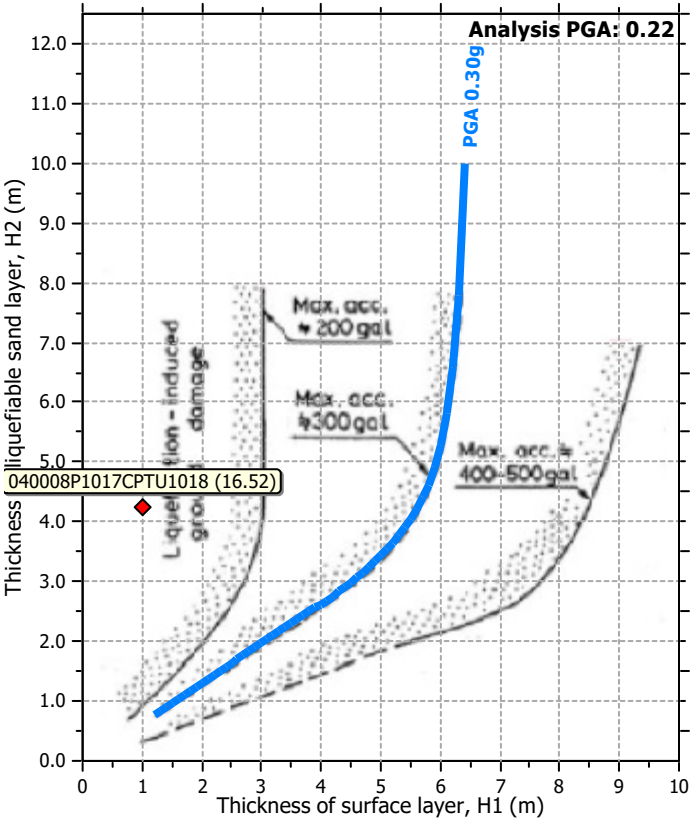
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



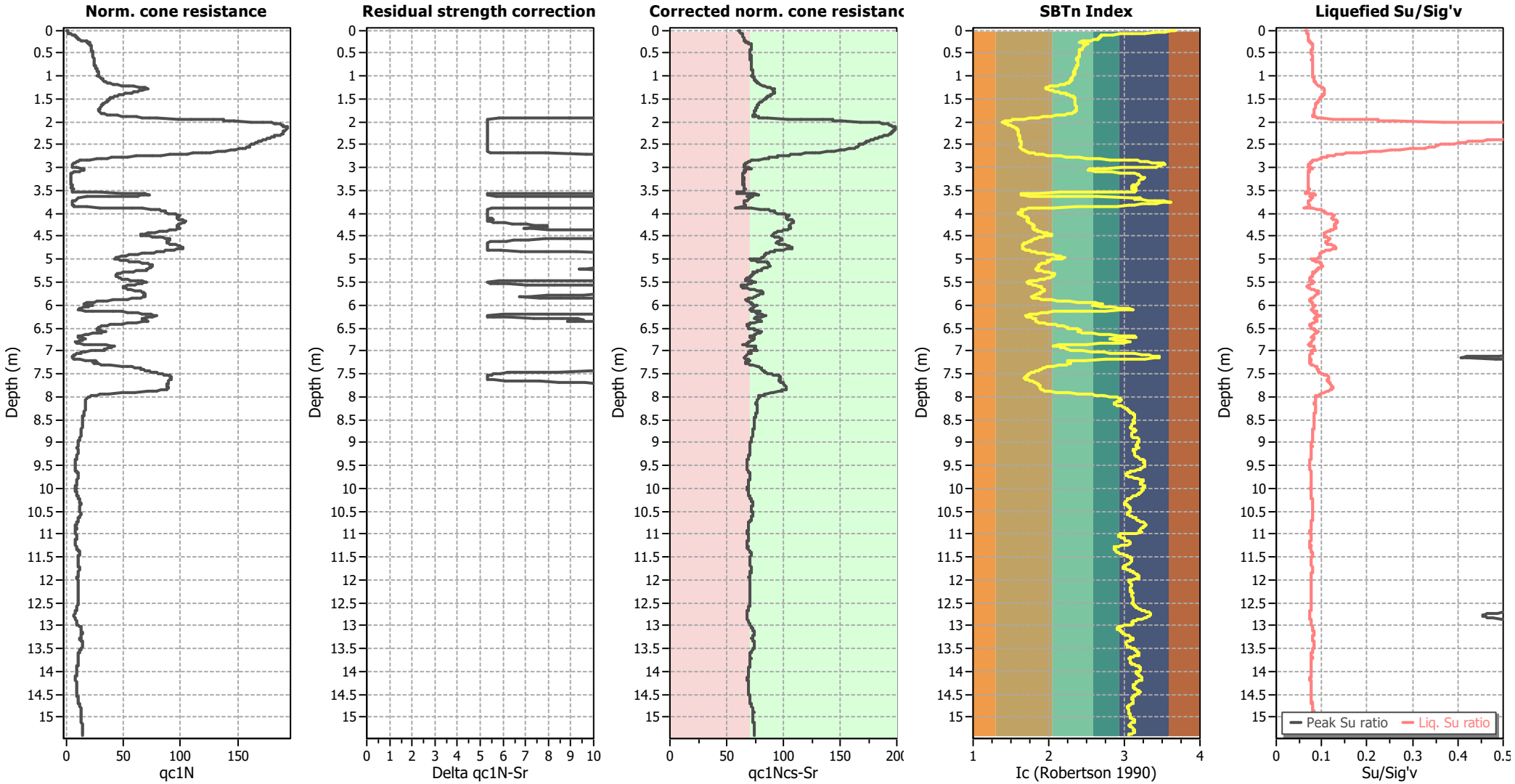




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	0.80	0.20	1.63	0.01	0.02	1.02	0.80	0.20	1.60	0.01	0.02
1.03	0.79	0.21	1.58	0.01	0.02	1.04	0.79	0.21	1.56	0.01	0.02
1.05	0.79	0.21	1.59	0.01	0.02	1.06	0.79	0.21	1.56	0.01	0.02
1.07	0.79	0.21	1.53	0.01	0.02	1.08	0.79	0.21	1.49	0.01	0.02
1.09	0.79	0.21	1.48	0.01	0.02	1.10	0.79	0.21	1.49	0.01	0.02
1.11	0.79	0.21	1.49	0.01	0.02	1.12	0.78	0.22	1.47	0.01	0.02
1.13	0.79	0.21	1.56	0.01	0.02	1.14	0.79	0.21	1.58	0.01	0.02
1.15	0.80	0.20	1.60	0.01	0.02	1.16	0.80	0.20	1.64	0.01	0.02
1.17	0.81	0.19	1.84	0.01	0.02	1.18	0.82	0.18	1.90	0.01	0.02
1.19	0.82	0.18	1.95	0.01	0.02	1.20	0.85	0.15	2.54	0.01	0.01
1.21	0.85	0.15	2.58	0.01	0.01	1.22	0.85	0.15	2.71	0.01	0.01
1.23	0.85	0.15	2.58	0.01	0.01	1.24	0.86	0.00	0.00	0.01	0.01
1.25	0.85	0.15	2.85	0.01	0.01	1.26	0.86	0.14	2.90	0.01	0.01
1.27	0.88	0.00	0.00	0.01	0.01	1.28	0.89	0.00	0.00	0.01	0.01
1.29	0.91	0.00	0.00	0.01	0.01	1.30	0.91	0.00	0.00	0.01	0.01
1.31	0.93	0.00	0.00	0.01	0.01	1.32	0.93	0.00	0.00	0.01	0.01
1.33	0.94	0.00	0.00	0.01	0.01	1.34	0.93	0.00	0.00	0.01	0.01
1.35	0.93	0.00	0.00	0.01	0.01	1.36	0.92	0.00	0.00	0.01	0.01
1.37	0.91	0.00	0.00	0.01	0.01	1.38	0.88	0.00	0.00	0.01	0.01
1.39	0.87	0.00	0.00	0.01	0.01	1.40	0.86	0.00	0.00	0.01	0.01
1.41	0.84	0.16	2.29	0.01	0.02	1.42	0.82	0.18	2.05	0.01	0.02
1.43	0.81	0.19	1.84	0.01	0.02	1.44	0.80	0.20	1.71	0.01	0.02
1.45	0.78	0.22	1.44	0.01	0.02	1.46	0.77	0.23	1.35	0.01	0.02
1.47	0.76	0.24	1.28	0.01	0.02	1.48	0.75	0.25	1.17	0.01	0.02
1.49	0.74	0.26	1.12	0.01	0.02	1.50	0.73	0.27	1.09	0.01	0.02
1.51	0.73	0.27	1.05	0.01	0.03	1.52	0.72	0.28	0.99	0.01	0.03
1.53	0.71	0.29	0.96	0.01	0.03	1.54	0.70	0.30	0.94	0.01	0.03
1.55	0.70	0.30	0.91	0.01	0.03	1.56	0.69	0.31	0.87	0.01	0.03
1.57	0.68	0.32	0.85	0.01	0.03	1.58	0.68	0.32	0.83	0.01	0.03
1.59	0.67	0.33	0.80	0.01	0.03	1.60	0.66	0.34	0.79	0.01	0.03
1.61	0.66	0.34	0.77	0.01	0.03	1.62	0.65	0.35	0.76	0.01	0.03
1.63	0.65	0.35	0.75	0.01	0.03	1.64	0.64	0.36	0.73	0.01	0.03
1.65	0.64	0.36	0.73	0.01	0.03	1.66	0.64	0.36	0.72	0.01	0.03
1.67	0.63	0.37	0.70	0.01	0.03	1.68	0.63	0.37	0.69	0.01	0.03
1.69	0.63	0.37	0.69	0.01	0.03	1.70	0.62	0.38	0.68	0.01	0.03
1.71	0.62	0.38	0.67	0.01	0.03	1.72	0.62	0.38	0.66	0.01	0.04
1.73	0.61	0.39	0.66	0.01	0.04	1.74	0.61	0.39	0.65	0.01	0.04
1.75	0.61	0.39	0.65	0.01	0.04	1.76	0.61	0.39	0.64	0.01	0.04
1.77	0.60	0.40	0.64	0.01	0.04	1.78	0.60	0.40	0.64	0.01	0.04
1.79	0.60	0.40	0.63	0.01	0.04	1.80	0.60	0.40	0.63	0.01	0.04
1.81	0.60	0.40	0.63	0.01	0.04	1.82	0.61	0.39	0.65	0.01	0.04
1.83	0.61	0.39	0.65	0.01	0.04	1.84	0.62	0.38	0.66	0.01	0.03
1.85	0.61	0.39	0.66	0.01	0.04	1.86	0.63	0.37	0.71	0.01	0.03
1.87	0.62	0.38	0.68	0.01	0.03	1.88	0.60	0.40	0.63	0.01	0.04
1.89	0.60	0.40	0.63	0.01	0.04	1.90	0.56	0.44	0.57	0.01	0.04
1.91	0.55	0.45	0.55	0.01	0.04	1.92	0.56	0.44	0.57	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	0.69	0.31	0.87	0.01	0.03	1.94	0.79	0.21	1.56	0.01	0.02
1.95	1.08	0.00	0.00	0.01	0.00	1.96	1.28	0.00	0.00	0.01	0.00
1.97	1.28	0.00	0.00	0.01	0.00	1.98	1.28	0.00	0.00	0.01	0.00
1.99	1.56	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	1.98	0.00	0.00	0.01	0.00	2.58	1.80	0.00	0.00	0.01	0.00
2.59	1.71	0.00	0.00	0.01	0.00	2.60	1.54	0.00	0.00	0.01	0.00
2.61	1.46	0.00	0.00	0.01	0.00	2.62	1.38	0.00	0.00	0.01	0.00
2.63	1.22	0.00	0.00	0.01	0.00	2.64	1.14	0.00	0.00	0.01	0.00
2.65	1.07	0.00	0.00	0.01	0.00	2.66	0.94	0.00	0.00	0.01	0.01
2.67	0.88	0.00	0.00	0.01	0.01	2.68	0.82	0.18	2.03	0.01	0.02
2.69	0.75	0.25	1.16	0.01	0.02	2.70	0.75	0.25	1.17	0.01	0.02
2.71	0.80	0.20	1.71	0.01	0.02	2.72	0.81	0.19	1.78	0.01	0.02
2.73	0.86	0.14	2.86	0.01	0.01	2.74	0.88	0.00	0.00	0.01	0.01
2.75	0.76	0.24	1.23	0.01	0.02	2.76	0.73	0.27	1.04	0.01	0.02
2.77	0.69	0.31	0.87	0.01	0.03	2.78	0.62	0.38	0.67	0.01	0.03
2.79	0.59	0.41	0.62	0.01	0.03	2.80	0.57	0.43	0.57	0.01	0.04
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	2.00	0.00	0.00	0.01	0.00
2.85	2.00	0.00	0.00	0.01	0.00	2.86	2.00	0.00	0.00	0.01	0.00
2.87	2.00	0.00	0.00	0.01	0.00	2.88	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	2.00	0.00	0.00	0.01	0.00	2.90	2.00	0.00	0.00	0.01	0.00
2.91	2.00	0.00	0.00	0.01	0.00	2.92	2.00	0.00	0.00	0.01	0.00
2.93	2.00	0.00	0.00	0.01	0.00	2.94	2.00	0.00	0.00	0.01	0.00
2.95	2.00	0.00	0.00	0.01	0.00	2.96	2.00	0.00	0.00	0.01	0.00
2.97	2.00	0.00	0.00	0.01	0.00	2.98	2.00	0.00	0.00	0.01	0.00
2.99	2.00	0.00	0.00	0.01	0.00	3.00	2.00	0.00	0.00	0.01	0.00
3.01	2.00	0.00	0.00	0.01	0.00	3.02	2.00	0.00	0.00	0.01	0.00
3.03	0.46	0.54	0.43	0.01	0.05	3.04	0.46	0.54	0.43	0.01	0.05
3.05	0.45	0.55	0.43	0.01	0.05	3.06	0.45	0.55	0.42	0.01	0.05
3.07	0.44	0.56	0.41	0.01	0.05	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	2.00	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	0.38	0.62	0.37	0.01	0.05	3.54	0.45	0.55	0.43	0.01	0.04
3.55	0.37	0.63	0.37	0.01	0.05	3.56	0.42	0.58	0.40	0.01	0.05
3.57	0.42	0.58	0.40	0.01	0.05	3.58	0.44	0.56	0.42	0.01	0.05
3.59	0.43	0.57	0.41	0.01	0.05	3.60	0.42	0.58	0.40	0.01	0.05
3.61	0.41	0.59	0.39	0.01	0.05	3.62	0.40	0.60	0.38	0.01	0.05
3.63	0.48	0.52	0.46	0.01	0.04	3.64	2.00	0.00	0.00	0.01	0.00
3.65	2.00	0.00	0.00	0.01	0.00	3.66	2.00	0.00	0.00	0.01	0.00
3.67	2.00	0.00	0.00	0.01	0.00	3.68	2.00	0.00	0.00	0.01	0.00
3.69	2.00	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	0.42	0.58	0.40	0.01	0.05
3.87	0.41	0.59	0.39	0.01	0.05	3.88	0.41	0.59	0.39	0.01	0.05
3.89	0.41	0.59	0.39	0.01	0.05	3.90	0.43	0.57	0.41	0.01	0.05
3.91	0.45	0.55	0.43	0.01	0.04	3.92	0.47	0.53	0.44	0.01	0.04
3.93	0.47	0.53	0.45	0.01	0.04	3.94	0.48	0.52	0.46	0.01	0.04
3.95	0.49	0.51	0.46	0.01	0.04	3.96	0.49	0.51	0.47	0.01	0.04
3.97	0.49	0.51	0.47	0.01	0.04	3.98	0.49	0.51	0.47	0.01	0.04
3.99	0.49	0.51	0.47	0.01	0.04	4.00	0.51	0.49	0.49	0.01	0.04
4.01	0.53	0.47	0.51	0.01	0.04	4.02	0.54	0.46	0.53	0.01	0.04
4.03	0.55	0.45	0.54	0.01	0.04	4.04	0.56	0.44	0.56	0.01	0.04
4.05	0.56	0.44	0.56	0.01	0.04	4.06	0.56	0.44	0.56	0.01	0.04
4.07	0.55	0.45	0.54	0.01	0.04	4.08	0.55	0.45	0.54	0.01	0.04
4.09	0.54	0.46	0.54	0.01	0.04	4.10	0.54	0.46	0.53	0.01	0.04
4.11	0.55	0.45	0.54	0.01	0.04	4.12	0.55	0.45	0.54	0.01	0.04
4.13	0.56	0.44	0.55	0.01	0.04	4.14	0.57	0.43	0.58	0.01	0.03
4.15	0.58	0.42	0.59	0.01	0.03	4.16	0.59	0.41	0.61	0.01	0.03
4.17	0.59	0.41	0.61	0.01	0.03	4.18	0.59	0.41	0.62	0.01	0.03
4.19	0.59	0.41	0.61	0.01	0.03	4.20	0.58	0.42	0.59	0.01	0.03
4.21	0.57	0.43	0.58	0.01	0.03	4.22	0.56	0.44	0.56	0.01	0.03
4.23	0.56	0.44	0.56	0.01	0.03	4.24	0.56	0.44	0.56	0.01	0.03
4.25	0.55	0.45	0.55	0.01	0.04	4.26	0.55	0.45	0.55	0.01	0.04
4.27	0.55	0.45	0.55	0.01	0.04	4.28	0.55	0.45	0.55	0.01	0.04
4.29	0.56	0.44	0.56	0.01	0.03	4.30	0.56	0.44	0.56	0.01	0.03
4.31	0.56	0.44	0.56	0.01	0.03	4.32	0.56	0.44	0.56	0.01	0.03
4.33	0.56	0.44	0.56	0.01	0.03	4.34	0.55	0.45	0.55	0.01	0.03
4.35	0.55	0.45	0.54	0.01	0.04	4.36	0.54	0.46	0.53	0.01	0.04
4.37	0.55	0.45	0.54	0.01	0.04	4.38	0.55	0.45	0.55	0.01	0.03
4.39	0.55	0.45	0.55	0.01	0.04	4.40	0.56	0.44	0.56	0.01	0.03
4.41	0.58	0.42	0.59	0.01	0.03	4.42	0.58	0.42	0.60	0.01	0.03
4.43	0.61	0.39	0.64	0.01	0.03	4.44	0.61	0.39	0.66	0.01	0.03
4.45	0.62	0.38	0.67	0.01	0.03	4.46	0.61	0.39	0.66	0.01	0.03
4.47	0.62	0.38	0.67	0.01	0.03	4.48	0.61	0.39	0.64	0.01	0.03
4.49	0.61	0.39	0.64	0.01	0.03	4.50	0.58	0.42	0.60	0.01	0.03
4.51	0.57	0.43	0.57	0.01	0.03	4.52	0.54	0.46	0.53	0.01	0.04
4.53	0.54	0.46	0.53	0.01	0.04	4.54	0.52	0.48	0.51	0.01	0.04
4.55	0.51	0.49	0.49	0.01	0.04	4.56	0.51	0.49	0.49	0.01	0.04
4.57	0.50	0.50	0.48	0.01	0.04	4.58	0.50	0.50	0.48	0.01	0.04
4.59	0.50	0.50	0.48	0.01	0.04	4.60	0.49	0.51	0.47	0.01	0.04
4.61	0.49	0.51	0.47	0.01	0.04	4.62	0.49	0.51	0.47	0.01	0.04
4.63	0.49	0.51	0.46	0.01	0.04	4.64	0.49	0.51	0.47	0.01	0.04
4.65	0.49	0.51	0.47	0.01	0.04	4.66	0.49	0.51	0.47	0.01	0.04
4.67	0.51	0.49	0.49	0.01	0.04	4.68	0.51	0.49	0.50	0.01	0.04
4.69	0.53	0.47	0.51	0.01	0.04	4.70	0.54	0.46	0.54	0.01	0.03
4.71	0.55	0.45	0.55	0.01	0.03	4.72	0.56	0.44	0.55	0.01	0.03
4.73	0.56	0.44	0.56	0.01	0.03	4.74	0.57	0.43	0.57	0.01	0.03
4.75	0.57	0.43	0.58	0.01	0.03	4.76	0.57	0.43	0.58	0.01	0.03
4.77	0.57	0.43	0.57	0.01	0.03	4.78	0.53	0.47	0.52	0.01	0.04
4.79	0.52	0.48	0.50	0.01	0.04	4.80	0.50	0.50	0.48	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.47	0.53	0.45	0.01	0.04	4.82	0.47	0.53	0.44	0.01	0.04
4.83	0.46	0.54	0.44	0.01	0.04	4.84	0.46	0.54	0.44	0.01	0.04
4.85	0.47	0.53	0.45	0.01	0.04	4.86	0.49	0.51	0.47	0.01	0.04
4.87	0.50	0.50	0.48	0.01	0.04	4.88	0.53	0.47	0.51	0.01	0.04
4.89	0.54	0.46	0.52	0.01	0.04	4.90	0.55	0.45	0.55	0.01	0.03
4.91	0.55	0.45	0.54	0.01	0.03	4.92	0.55	0.45	0.55	0.01	0.03
4.93	0.55	0.45	0.54	0.01	0.03	4.94	0.54	0.46	0.53	0.01	0.03
4.95	0.52	0.48	0.51	0.01	0.04	4.96	0.52	0.48	0.50	0.01	0.04
4.97	0.52	0.48	0.50	0.01	0.04	4.98	0.51	0.49	0.49	0.01	0.04
4.99	0.48	0.52	0.45	0.01	0.04	5.00	0.46	0.54	0.44	0.01	0.04
5.01	0.46	0.54	0.44	0.01	0.04	5.02	0.46	0.54	0.44	0.01	0.04
5.03	0.47	0.53	0.45	0.01	0.04	5.04	0.48	0.52	0.46	0.01	0.04
5.05	0.50	0.50	0.48	0.01	0.04	5.06	0.54	0.46	0.53	0.01	0.03
5.07	0.54	0.46	0.54	0.01	0.03	5.08	0.53	0.47	0.52	0.01	0.03
5.09	0.52	0.48	0.50	0.01	0.04	5.10	0.51	0.49	0.49	0.01	0.04
5.11	0.50	0.50	0.48	0.01	0.04	5.12	0.49	0.51	0.47	0.01	0.04
5.13	0.48	0.52	0.46	0.01	0.04	5.14	0.48	0.52	0.46	0.01	0.04
5.15	0.48	0.52	0.45	0.01	0.04	5.16	0.48	0.52	0.45	0.01	0.04
5.17	0.47	0.53	0.44	0.01	0.04	5.18	0.45	0.55	0.43	0.01	0.04
5.19	0.44	0.56	0.42	0.01	0.04	5.20	0.43	0.57	0.41	0.01	0.04
5.21	0.42	0.58	0.40	0.01	0.04	5.22	0.42	0.58	0.40	0.01	0.04
5.23	0.43	0.57	0.41	0.01	0.04	5.24	0.43	0.57	0.41	0.01	0.04
5.25	0.45	0.55	0.42	0.01	0.04	5.26	0.45	0.55	0.43	0.01	0.04
5.27	0.46	0.54	0.44	0.01	0.04	5.28	0.47	0.53	0.45	0.01	0.04
5.29	0.46	0.54	0.44	0.01	0.04	5.30	0.47	0.53	0.45	0.01	0.04
5.31	0.47	0.53	0.45	0.01	0.04	5.32	0.47	0.53	0.45	0.01	0.04
5.33	0.47	0.53	0.44	0.01	0.04	5.34	0.47	0.53	0.44	0.01	0.04
5.35	0.46	0.54	0.44	0.01	0.04	5.36	0.46	0.54	0.44	0.01	0.04
5.37	0.46	0.54	0.43	0.01	0.04	5.38	0.45	0.55	0.43	0.01	0.04
5.39	0.45	0.55	0.43	0.01	0.04	5.40	0.44	0.56	0.42	0.01	0.04
5.41	0.44	0.56	0.41	0.01	0.04	5.42	0.43	0.57	0.41	0.01	0.04
5.43	0.42	0.58	0.40	0.01	0.04	5.44	0.41	0.59	0.39	0.01	0.04
5.45	0.39	0.61	0.38	0.01	0.04	5.46	0.37	0.63	0.36	0.01	0.05
5.47	0.37	0.63	0.37	0.01	0.05	5.48	0.38	0.62	0.37	0.01	0.04
5.49	0.39	0.61	0.38	0.01	0.04	5.50	0.39	0.61	0.38	0.01	0.04
5.51	0.39	0.61	0.38	0.01	0.04	5.52	0.38	0.62	0.37	0.01	0.04
5.53	0.37	0.63	0.37	0.01	0.05	5.54	0.37	0.63	0.36	0.01	0.05
5.55	0.36	0.64	0.36	0.01	0.05	5.56	0.35	0.65	0.35	0.01	0.05
5.57	0.36	0.64	0.36	0.01	0.05	5.58	0.37	0.63	0.36	0.01	0.05
5.59	0.37	0.63	0.37	0.01	0.05	5.60	0.38	0.62	0.37	0.01	0.04
5.61	0.38	0.62	0.37	0.01	0.04	5.62	0.39	0.61	0.38	0.01	0.04
5.63	0.39	0.61	0.38	0.01	0.04	5.64	0.41	0.59	0.39	0.01	0.04
5.65	0.42	0.58	0.40	0.01	0.04	5.66	0.43	0.57	0.41	0.01	0.04
5.67	0.44	0.56	0.42	0.01	0.04	5.68	0.46	0.54	0.44	0.01	0.04
5.69	0.47	0.53	0.45	0.01	0.04	5.70	0.47	0.53	0.45	0.01	0.04
5.71	0.48	0.52	0.45	0.01	0.04	5.72	0.47	0.53	0.45	0.01	0.04
5.73	0.46	0.54	0.44	0.01	0.04	5.74	0.45	0.55	0.42	0.01	0.04
5.75	0.43	0.57	0.41	0.01	0.04	5.76	0.42	0.58	0.40	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.41	0.59	0.39	0.01	0.04	5.78	0.40	0.60	0.39	0.01	0.04
5.79	0.40	0.60	0.38	0.01	0.04	5.80	0.39	0.61	0.38	0.01	0.04
5.81	0.39	0.61	0.38	0.01	0.04	5.82	0.39	0.61	0.38	0.01	0.04
5.83	0.38	0.62	0.37	0.01	0.04	5.84	0.38	0.62	0.37	0.01	0.04
5.85	0.38	0.62	0.37	0.01	0.04	5.86	0.39	0.61	0.38	0.01	0.04
5.87	0.40	0.60	0.39	0.01	0.04	5.88	0.43	0.57	0.41	0.01	0.04
5.89	0.42	0.58	0.40	0.01	0.04	5.90	0.43	0.57	0.41	0.01	0.04
5.91	0.43	0.57	0.41	0.01	0.04	5.92	0.42	0.58	0.40	0.01	0.04
5.93	0.42	0.58	0.40	0.01	0.04	5.94	0.40	0.60	0.39	0.01	0.04
5.95	2.00	0.00	0.00	0.01	0.00	5.96	2.00	0.00	0.00	0.01	0.00
5.97	2.00	0.00	0.00	0.01	0.00	5.98	2.00	0.00	0.00	0.01	0.00
5.99	2.00	0.00	0.00	0.01	0.00	6.00	0.41	0.59	0.39	0.01	0.04
6.01	0.43	0.57	0.41	0.01	0.04	6.02	0.42	0.58	0.40	0.01	0.04
6.03	2.00	0.00	0.00	0.01	0.00	6.04	2.00	0.00	0.00	0.01	0.00
6.05	2.00	0.00	0.00	0.01	0.00	6.06	2.00	0.00	0.00	0.01	0.00
6.07	2.00	0.00	0.00	0.01	0.00	6.08	2.00	0.00	0.00	0.01	0.00
6.09	2.00	0.00	0.00	0.01	0.00	6.10	2.00	0.00	0.00	0.01	0.00
6.11	2.00	0.00	0.00	0.01	0.00	6.12	2.00	0.00	0.00	0.01	0.00
6.13	0.42	0.58	0.40	0.01	0.04	6.14	0.48	0.52	0.46	0.01	0.04
6.15	0.47	0.53	0.45	0.01	0.04	6.16	0.46	0.54	0.44	0.01	0.04
6.17	0.45	0.55	0.42	0.01	0.04	6.18	0.44	0.56	0.42	0.01	0.04
6.19	0.41	0.59	0.39	0.01	0.04	6.20	0.39	0.61	0.38	0.01	0.04
6.21	0.41	0.59	0.39	0.01	0.04	6.22	0.42	0.58	0.40	0.01	0.04
6.23	0.42	0.58	0.40	0.01	0.04	6.24	0.42	0.58	0.40	0.01	0.04
6.25	0.41	0.59	0.39	0.01	0.04	6.26	0.39	0.61	0.38	0.01	0.04
6.27	0.39	0.61	0.38	0.01	0.04	6.28	0.38	0.62	0.37	0.01	0.04
6.29	0.39	0.61	0.37	0.01	0.04	6.30	0.39	0.61	0.38	0.01	0.04
6.31	0.40	0.60	0.38	0.01	0.04	6.32	0.40	0.60	0.38	0.01	0.04
6.33	0.40	0.60	0.39	0.01	0.04	6.34	0.40	0.60	0.39	0.01	0.04
6.35	0.41	0.59	0.39	0.01	0.04	6.36	0.40	0.60	0.39	0.01	0.04
6.37	0.41	0.59	0.39	0.01	0.04	6.38	0.41	0.59	0.39	0.01	0.04
6.39	0.42	0.58	0.40	0.01	0.04	6.40	0.42	0.58	0.40	0.01	0.04
6.41	0.44	0.56	0.42	0.01	0.04	6.42	0.43	0.57	0.41	0.01	0.04
6.43	0.43	0.57	0.41	0.01	0.04	6.44	0.43	0.57	0.41	0.01	0.04
6.45	0.43	0.57	0.41	0.01	0.04	6.46	0.42	0.58	0.40	0.01	0.04
6.47	0.42	0.58	0.40	0.01	0.04	6.48	0.42	0.58	0.40	0.01	0.04
6.49	0.42	0.58	0.40	0.01	0.04	6.50	0.42	0.58	0.40	0.01	0.04
6.51	0.43	0.57	0.41	0.01	0.04	6.52	0.43	0.57	0.41	0.01	0.04
6.53	0.43	0.57	0.41	0.01	0.04	6.54	0.43	0.57	0.41	0.01	0.04
6.55	0.44	0.56	0.42	0.01	0.04	6.56	0.45	0.55	0.43	0.01	0.04
6.57	0.46	0.54	0.44	0.01	0.04	6.58	0.47	0.53	0.45	0.01	0.04
6.59	0.47	0.53	0.44	0.01	0.04	6.60	0.46	0.54	0.44	0.01	0.04
6.61	0.44	0.56	0.42	0.01	0.04	6.62	0.43	0.57	0.41	0.01	0.04
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	2.00	0.00	0.00	0.01	0.00	6.74	2.00	0.00	0.00	0.01	0.00
6.75	2.00	0.00	0.00	0.01	0.00	6.76	2.00	0.00	0.00	0.01	0.00
6.77	2.00	0.00	0.00	0.01	0.00	6.78	2.00	0.00	0.00	0.01	0.00
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	0.38	0.62	0.37	0.01	0.04	6.86	0.39	0.61	0.38	0.01	0.04
6.87	0.43	0.57	0.41	0.01	0.04	6.88	0.43	0.57	0.41	0.01	0.04
6.89	0.45	0.55	0.43	0.01	0.04	6.90	0.46	0.54	0.44	0.01	0.04
6.91	0.46	0.54	0.44	0.01	0.04	6.92	0.46	0.54	0.44	0.01	0.04
6.93	0.46	0.54	0.44	0.01	0.04	6.94	0.45	0.55	0.43	0.01	0.04
6.95	0.45	0.55	0.43	0.01	0.04	6.96	0.45	0.55	0.43	0.01	0.04
6.97	0.45	0.55	0.43	0.01	0.04	6.98	0.45	0.55	0.43	0.01	0.04
6.99	0.42	0.58	0.40	0.01	0.04	7.00	0.41	0.59	0.39	0.01	0.04
7.01	0.39	0.61	0.38	0.01	0.04	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	0.39	0.61	0.38	0.01	0.04
7.21	0.41	0.59	0.39	0.01	0.04	7.22	0.41	0.59	0.39	0.01	0.04
7.23	0.41	0.59	0.39	0.01	0.04	7.24	0.41	0.59	0.39	0.01	0.04
7.25	0.40	0.60	0.39	0.01	0.04	7.26	0.40	0.60	0.39	0.01	0.04
7.27	0.40	0.60	0.39	0.01	0.04	7.28	0.40	0.60	0.39	0.01	0.04
7.29	0.42	0.58	0.40	0.01	0.04	7.30	0.43	0.57	0.41	0.01	0.04
7.31	0.43	0.57	0.41	0.01	0.04	7.32	0.45	0.55	0.42	0.01	0.04
7.33	0.48	0.52	0.45	0.01	0.03	7.34	0.47	0.53	0.45	0.01	0.03
7.35	0.47	0.53	0.45	0.01	0.03	7.36	0.47	0.53	0.44	0.01	0.03
7.37	0.46	0.54	0.44	0.01	0.03	7.38	0.46	0.54	0.43	0.01	0.03
7.39	0.45	0.55	0.43	0.01	0.03	7.40	0.44	0.56	0.42	0.01	0.04
7.41	0.44	0.56	0.41	0.01	0.04	7.42	0.44	0.56	0.41	0.01	0.04
7.43	0.43	0.57	0.41	0.01	0.04	7.44	0.43	0.57	0.41	0.01	0.04
7.45	0.42	0.58	0.40	0.01	0.04	7.46	0.41	0.59	0.39	0.01	0.04
7.47	0.41	0.59	0.39	0.01	0.04	7.48	0.42	0.58	0.40	0.01	0.04
7.49	0.42	0.58	0.40	0.01	0.04	7.50	0.43	0.57	0.41	0.01	0.04
7.51	0.44	0.56	0.42	0.01	0.04	7.52	0.45	0.55	0.42	0.01	0.03
7.53	0.46	0.54	0.44	0.01	0.03	7.54	0.47	0.53	0.44	0.01	0.03
7.55	0.47	0.53	0.45	0.01	0.03	7.56	0.48	0.52	0.45	0.01	0.03
7.57	0.48	0.52	0.46	0.01	0.03	7.58	0.48	0.52	0.46	0.01	0.03
7.59	0.48	0.52	0.46	0.01	0.03	7.60	0.48	0.52	0.45	0.01	0.03
7.61	0.48	0.52	0.45	0.01	0.03	7.62	0.48	0.52	0.45	0.01	0.03
7.63	0.47	0.53	0.45	0.01	0.03	7.64	0.47	0.53	0.45	0.01	0.03
7.65	0.47	0.53	0.44	0.01	0.03	7.66	0.47	0.53	0.44	0.01	0.03
7.67	0.47	0.53	0.45	0.01	0.03	7.68	0.48	0.52	0.46	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.49	0.51	0.47	0.01	0.03	7.70	0.50	0.50	0.48	0.01	0.03
7.71	0.51	0.49	0.49	0.01	0.03	7.72	0.52	0.48	0.50	0.01	0.03
7.73	0.53	0.47	0.52	0.01	0.03	7.74	0.55	0.45	0.54	0.01	0.03
7.75	0.56	0.44	0.56	0.01	0.03	7.76	0.57	0.43	0.58	0.01	0.03
7.77	0.58	0.42	0.60	0.01	0.03	7.78	0.59	0.41	0.61	0.01	0.03
7.79	0.59	0.41	0.60	0.01	0.03	7.80	0.59	0.41	0.60	0.01	0.03
7.81	0.58	0.42	0.60	0.01	0.03	7.82	0.59	0.41	0.60	0.01	0.03
7.83	0.59	0.41	0.60	0.01	0.03	7.84	0.59	0.41	0.61	0.01	0.02
7.85	0.60	0.40	0.63	0.01	0.02	7.86	0.60	0.40	0.62	0.01	0.02
7.87	0.61	0.39	0.64	0.01	0.02	7.88	0.61	0.39	0.65	0.01	0.02
7.89	0.63	0.37	0.70	0.01	0.02	7.90	0.58	0.42	0.60	0.01	0.03
7.91	0.57	0.43	0.58	0.01	0.03	7.92	0.56	0.44	0.55	0.01	0.03
7.93	0.49	0.51	0.47	0.01	0.03	7.94	0.48	0.52	0.46	0.01	0.03
7.95	0.47	0.53	0.44	0.01	0.03	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00

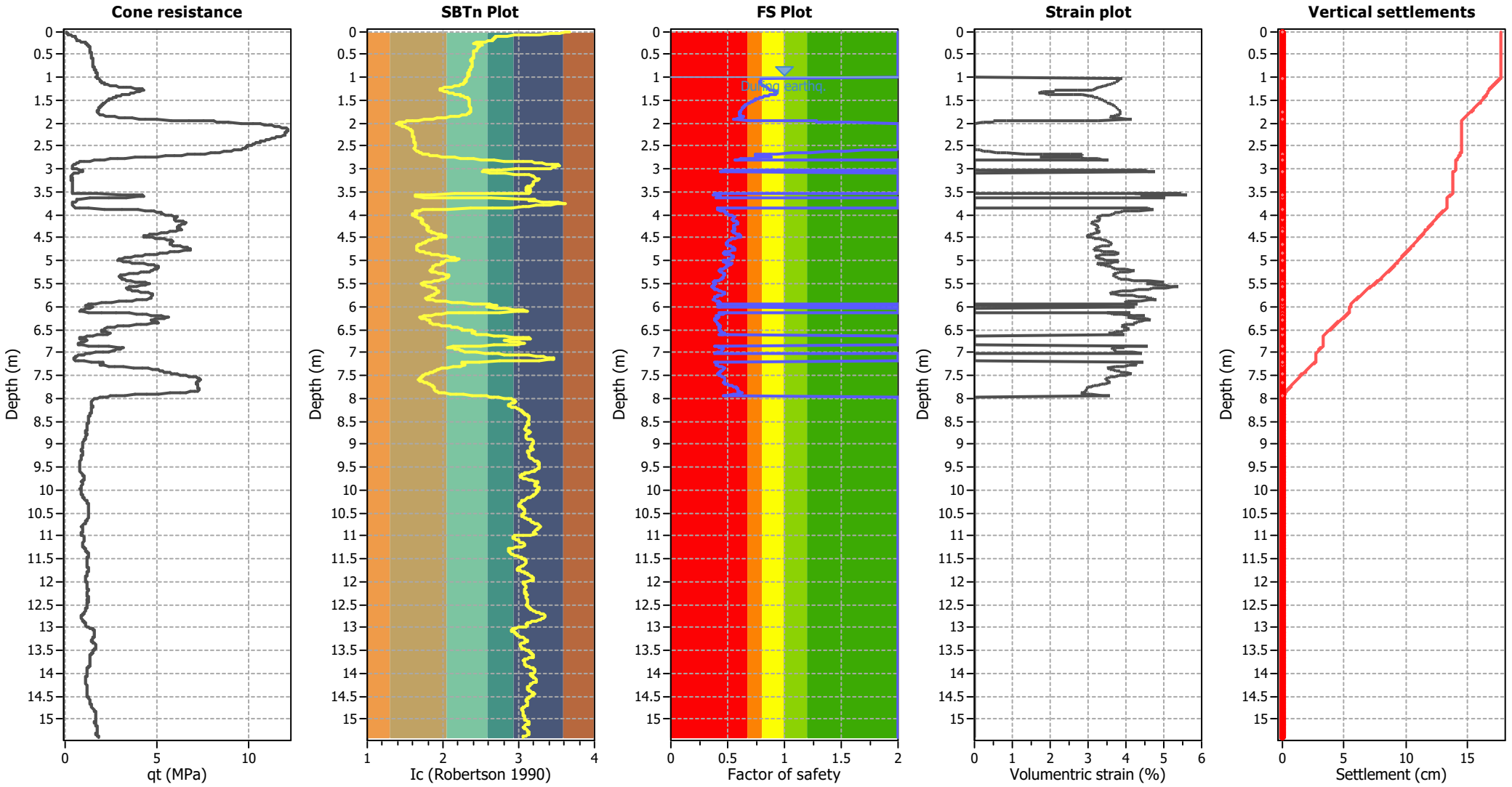
Overall liquefaction potential: 16.52

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	80.71	2.00	0.00	1.00	0.00	1.01	82.24	0.80	3.90	1.00	0.04
1.02	82.55	0.80	3.89	1.00	0.04	1.03	82.89	0.79	3.87	1.00	0.04
1.04	83.35	0.79	3.85	1.00	0.04	1.05	84.19	0.79	3.82	1.00	0.04
1.06	84.48	0.79	3.80	1.00	0.04	1.07	84.72	0.79	3.79	1.00	0.04
1.08	84.81	0.79	3.79	1.00	0.04	1.09	85.27	0.79	3.77	1.00	0.04
1.10	85.84	0.79	3.74	1.00	0.04	1.11	86.34	0.79	3.72	1.00	0.04
1.12	86.69	0.78	3.71	1.00	0.04	1.13	88.25	0.79	3.64	1.00	0.04
1.14	88.92	0.79	3.62	1.00	0.04	1.15	89.56	0.80	3.59	1.00	0.04
1.16	90.46	0.80	3.55	1.00	0.04	1.17	92.57	0.81	3.47	1.00	0.03
1.18	93.37	0.82	3.44	1.00	0.03	1.19	94.16	0.82	3.42	1.00	0.03
1.20	97.37	0.85	3.30	1.00	0.03	1.21	97.90	0.85	3.28	1.00	0.03
1.22	98.71	0.85	3.26	1.00	0.03	1.23	98.67	0.85	3.26	1.00	0.03
1.24	100.41	0.86	3.20	1.00	0.03	1.25	100.21	0.85	3.21	1.00	0.03
1.26	100.70	0.86	3.19	1.00	0.03	1.27	102.91	0.88	3.12	1.00	0.03
1.28	104.45	0.89	2.73	1.00	0.03	1.29	106.90	0.91	2.10	1.00	0.02
1.30	107.02	0.91	2.12	1.00	0.02	1.31	108.69	0.93	1.84	1.00	0.02
1.32	109.22	0.93	1.79	1.00	0.02	1.33	110.05	0.94	1.70	1.00	0.02
1.34	109.28	0.93	1.86	1.00	0.02	1.35	109.57	0.93	1.84	1.00	0.02
1.36	109.24	0.92	1.94	1.00	0.02	1.37	109.04	0.91	2.01	1.00	0.02
1.38	106.81	0.88	2.63	1.00	0.03	1.39	106.42	0.87	2.84	1.00	0.03
1.40	105.57	0.86	3.04	1.00	0.03	1.41	103.36	0.84	3.11	1.00	0.03
1.42	102.57	0.82	3.13	1.00	0.03	1.43	101.63	0.81	3.16	1.00	0.03
1.44	101.01	0.80	3.18	1.00	0.03	1.45	98.84	0.78	3.25	1.00	0.03
1.46	98.07	0.77	3.28	1.00	0.03	1.47	97.33	0.76	3.30	1.00	0.03
1.48	95.86	0.75	3.35	1.00	0.03	1.49	95.34	0.74	3.37	1.00	0.03
1.50	94.92	0.73	3.39	1.00	0.03	1.51	94.24	0.73	3.41	1.00	0.03
1.52	93.13	0.72	3.45	1.00	0.03	1.53	92.61	0.71	3.47	1.00	0.03
1.54	92.11	0.70	3.49	1.00	0.03	1.55	91.63	0.70	3.51	1.00	0.04
1.56	90.54	0.69	3.55	1.00	0.04	1.57	89.90	0.68	3.58	1.00	0.04
1.58	89.52	0.68	3.59	1.00	0.04	1.59	88.50	0.67	3.63	1.00	0.04
1.60	88.11	0.66	3.65	1.00	0.04	1.61	87.72	0.66	3.66	1.00	0.04
1.62	87.33	0.65	3.68	1.00	0.04	1.63	86.76	0.65	3.70	1.00	0.04
1.64	86.39	0.64	3.72	1.00	0.04	1.65	86.24	0.64	3.73	1.00	0.04
1.66	85.89	0.64	3.74	1.00	0.04	1.67	85.36	0.63	3.76	1.00	0.04
1.68	85.02	0.63	3.78	1.00	0.04	1.69	84.88	0.63	3.79	1.00	0.04
1.70	84.49	0.62	3.80	1.00	0.04	1.71	84.10	0.62	3.82	1.00	0.04
1.72	83.88	0.62	3.83	1.00	0.04	1.73	83.67	0.61	3.84	1.00	0.04
1.74	83.40	0.61	3.85	1.00	0.04	1.75	83.33	0.61	3.85	1.00	0.04
1.76	83.18	0.61	3.86	1.00	0.04	1.77	83.18	0.60	3.86	1.00	0.04
1.78	83.36	0.60	3.85	1.00	0.04	1.79	83.27	0.60	3.86	1.00	0.04
1.80	83.57	0.60	3.84	1.00	0.04	1.81	83.72	0.60	3.84	1.00	0.04
1.82	85.12	0.61	3.77	1.00	0.04	1.83	85.74	0.61	3.75	1.00	0.04
1.84	86.77	0.62	3.70	1.00	0.04	1.85	86.48	0.61	3.72	1.00	0.04
1.86	90.20	0.63	3.56	1.00	0.04	1.87	88.77	0.62	3.62	1.00	0.04
1.88	85.29	0.60	3.77	1.00	0.04	1.89	85.32	0.60	3.77	1.00	0.04
1.90	79.12	0.56	4.05	1.00	0.04	1.91	76.88	0.55	4.16	1.00	0.04
1.92	79.70	0.56	4.02	1.00	0.04	1.93	98.82	0.69	3.25	1.00	0.03
1.94	110.06	0.79	2.91	1.00	0.03	1.95	129.36	1.08	0.84	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	137.74	1.28	0.49	1.00	0.00	1.97	137.74	1.28	0.49	1.00	0.00
1.98	137.74	1.28	0.49	1.00	0.00	1.99	146.13	1.56	0.23	1.00	0.00
2.00	162.41	2.00	0.00	1.00	0.00	2.01	172.64	2.00	0.00	1.00	0.00
2.02	179.52	2.00	0.00	1.00	0.00	2.03	181.82	2.00	0.00	1.00	0.00
2.04	183.71	2.00	0.00	1.00	0.00	2.05	187.11	2.00	0.00	1.00	0.00
2.06	188.09	2.00	0.00	1.00	0.00	2.07	188.95	2.00	0.00	1.00	0.00
2.08	189.92	2.00	0.00	1.00	0.00	2.09	190.20	2.00	0.00	1.00	0.00
2.10	191.84	2.00	0.00	1.00	0.00	2.11	192.22	2.00	0.00	1.00	0.00
2.12	193.40	2.00	0.00	1.00	0.00	2.13	193.78	2.00	0.00	1.00	0.00
2.14	193.70	2.00	0.00	1.00	0.00	2.15	193.52	2.00	0.00	1.00	0.00
2.16	193.10	2.00	0.00	1.00	0.00	2.17	192.69	2.00	0.00	1.00	0.00
2.18	192.05	2.00	0.00	1.00	0.00	2.19	191.52	2.00	0.00	1.00	0.00
2.20	190.88	2.00	0.00	1.00	0.00	2.21	190.58	2.00	0.00	1.00	0.00
2.22	190.40	2.00	0.00	1.00	0.00	2.23	190.33	2.00	0.00	1.00	0.00
2.24	190.03	2.00	0.00	1.00	0.00	2.25	189.62	2.00	0.00	1.00	0.00
2.26	188.99	2.00	0.00	1.00	0.00	2.27	188.35	2.00	0.00	1.00	0.00
2.28	186.80	2.00	0.00	1.00	0.00	2.29	185.47	2.00	0.00	1.00	0.00
2.30	184.49	2.00	0.00	1.00	0.00	2.31	182.70	2.00	0.00	1.00	0.00
2.32	181.71	2.00	0.00	1.00	0.00	2.33	180.61	2.00	0.00	1.00	0.00
2.34	179.39	2.00	0.00	1.00	0.00	2.35	178.52	2.00	0.00	1.00	0.00
2.36	176.71	2.00	0.00	1.00	0.00	2.37	175.36	2.00	0.00	1.00	0.00
2.38	174.25	2.00	0.00	1.00	0.00	2.39	172.31	2.00	0.00	1.00	0.00
2.40	171.91	2.00	0.00	1.00	0.00	2.41	170.91	2.00	0.00	1.00	0.00
2.42	169.20	2.00	0.00	1.00	0.00	2.43	168.20	2.00	0.00	1.00	0.00
2.44	167.59	2.00	0.00	1.00	0.00	2.45	167.06	2.00	0.00	1.00	0.00
2.46	166.29	2.00	0.00	1.00	0.00	2.47	165.00	2.00	0.00	1.00	0.00
2.48	163.96	2.00	0.00	1.00	0.00	2.49	163.06	2.00	0.00	1.00	0.00
2.50	161.90	2.00	0.00	1.00	0.00	2.51	161.25	2.00	0.00	1.00	0.00
2.52	161.11	2.00	0.00	1.00	0.00	2.53	160.85	2.00	0.00	1.00	0.00
2.54	160.45	2.00	0.00	1.00	0.00	2.55	159.42	2.00	0.00	1.00	0.00
2.56	158.52	2.00	0.00	1.00	0.00	2.57	157.23	1.98	0.01	1.00	0.00
2.58	154.13	1.80	0.09	1.00	0.00	2.59	152.32	1.71	0.14	1.00	0.00
2.60	148.56	1.54	0.24	1.00	0.00	2.61	146.47	1.46	0.31	1.00	0.00
2.62	144.38	1.38	0.38	1.00	0.00	2.63	139.42	1.22	0.56	1.00	0.01
2.64	136.40	1.14	0.69	1.00	0.01	2.65	133.21	1.07	0.86	1.00	0.01
2.66	126.50	0.94	1.34	1.00	0.01	2.67	122.65	0.88	1.80	1.00	0.02
2.68	118.95	0.82	2.54	1.00	0.03	2.69	112.51	0.75	2.84	1.00	0.03
2.70	112.61	0.75	2.84	1.00	0.03	2.71	117.58	0.80	2.71	1.00	0.03
2.72	118.03	0.81	2.70	1.00	0.03	2.73	121.53	0.86	2.02	1.00	0.02
2.74	123.37	0.88	1.74	1.00	0.02	2.75	113.74	0.76	2.81	1.00	0.03
2.76	110.97	0.73	2.88	1.00	0.03	2.77	107.10	0.69	2.99	1.00	0.03
2.78	98.39	0.62	3.27	1.00	0.03	2.79	95.25	0.59	3.38	1.00	0.03
2.80	91.15	0.57	3.53	1.00	0.04	2.81	27.68	2.00	0.00	1.00	0.00
2.82	20.80	2.00	0.00	1.00	0.00	2.83	17.78	2.00	0.00	1.00	0.00
2.84	13.42	2.00	0.00	1.00	0.00	2.85	12.08	2.00	0.00	1.00	0.00
2.86	11.07	2.00	0.00	1.00	0.00	2.87	10.40	2.00	0.00	1.00	0.00
2.88	9.23	2.00	0.00	1.00	0.00	2.89	8.56	2.00	0.00	1.00	0.00
2.90	7.72	2.00	0.00	1.00	0.00	2.91	6.38	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	6.04	2.00	0.00	1.00	0.00	2.93	6.04	2.00	0.00	1.00	0.00
2.94	5.70	2.00	0.00	1.00	0.00	2.95	5.54	2.00	0.00	1.00	0.00
2.96	5.54	2.00	0.00	1.00	0.00	2.97	5.54	2.00	0.00	1.00	0.00
2.98	5.54	2.00	0.00	1.00	0.00	2.99	5.20	2.00	0.00	1.00	0.00
3.00	9.40	2.00	0.00	1.00	0.00	3.01	14.60	2.00	0.00	1.00	0.00
3.02	15.60	2.00	0.00	1.00	0.00	3.03	70.89	0.46	4.50	1.00	0.04
3.04	70.75	0.46	4.50	1.00	0.05	3.05	69.67	0.45	4.57	1.00	0.05
3.06	68.42	0.45	4.65	1.00	0.05	3.07	66.36	0.44	4.78	1.00	0.05
3.08	11.74	2.00	0.00	1.00	0.00	3.09	8.72	2.00	0.00	1.00	0.00
3.10	6.71	2.00	0.00	1.00	0.00	3.11	5.03	2.00	0.00	1.00	0.00
3.12	5.03	2.00	0.00	1.00	0.00	3.13	4.36	2.00	0.00	1.00	0.00
3.14	4.53	2.00	0.00	1.00	0.00	3.15	4.53	2.00	0.00	1.00	0.00
3.16	4.53	2.00	0.00	1.00	0.00	3.17	4.53	2.00	0.00	1.00	0.00
3.18	4.53	2.00	0.00	1.00	0.00	3.19	4.70	2.00	0.00	1.00	0.00
3.20	4.70	2.00	0.00	1.00	0.00	3.21	4.70	2.00	0.00	1.00	0.00
3.22	4.70	2.00	0.00	1.00	0.00	3.23	4.87	2.00	0.00	1.00	0.00
3.24	4.53	2.00	0.00	1.00	0.00	3.25	4.87	2.00	0.00	1.00	0.00
3.26	4.70	2.00	0.00	1.00	0.00	3.27	4.70	2.00	0.00	1.00	0.00
3.28	4.87	2.00	0.00	1.00	0.00	3.29	4.70	2.00	0.00	1.00	0.00
3.30	4.70	2.00	0.00	1.00	0.00	3.31	4.70	2.00	0.00	1.00	0.00
3.32	4.70	2.00	0.00	1.00	0.00	3.33	4.87	2.00	0.00	1.00	0.00
3.34	4.70	2.00	0.00	1.00	0.00	3.35	4.70	2.00	0.00	1.00	0.00
3.36	4.70	2.00	0.00	1.00	0.00	3.37	4.87	2.00	0.00	1.00	0.00
3.38	5.37	2.00	0.00	1.00	0.00	3.39	5.37	2.00	0.00	1.00	0.00
3.40	5.37	2.00	0.00	1.00	0.00	3.41	5.54	2.00	0.00	1.00	0.00
3.42	5.70	2.00	0.00	1.00	0.00	3.43	4.87	2.00	0.00	1.00	0.00
3.44	5.03	2.00	0.00	1.00	0.00	3.45	5.37	2.00	0.00	1.00	0.00
3.46	6.38	2.00	0.00	1.00	0.00	3.47	5.37	2.00	0.00	1.00	0.00
3.48	5.03	2.00	0.00	1.00	0.00	3.49	5.03	2.00	0.00	1.00	0.00
3.50	5.03	2.00	0.00	1.00	0.00	3.51	5.03	2.00	0.00	1.00	0.00
3.52	5.20	2.00	0.00	1.00	0.00	3.53	57.36	0.38	5.45	1.00	0.05
3.54	75.96	0.45	4.21	1.00	0.04	3.55	55.25	0.37	5.63	1.00	0.06
3.56	69.12	0.42	4.60	1.00	0.05	3.57	68.45	0.42	4.64	1.00	0.05
3.58	72.82	0.44	4.38	1.00	0.04	3.59	71.98	0.43	4.43	1.00	0.04
3.60	68.29	0.42	4.65	1.00	0.05	3.61	65.94	0.41	4.81	1.00	0.05
3.62	62.75	0.40	5.03	1.00	0.05	3.63	82.78	0.48	3.88	1.00	0.04
3.64	18.29	2.00	0.00	1.00	0.00	3.65	11.07	2.00	0.00	1.00	0.00
3.66	10.74	2.00	0.00	1.00	0.00	3.67	10.40	2.00	0.00	1.00	0.00
3.68	9.56	2.00	0.00	1.00	0.00	3.69	9.40	2.00	0.00	1.00	0.00
3.70	8.89	2.00	0.00	1.00	0.00	3.71	8.39	2.00	0.00	1.00	0.00
3.72	6.71	2.00	0.00	1.00	0.00	3.73	5.87	2.00	0.00	1.00	0.00
3.74	5.20	2.00	0.00	1.00	0.00	3.75	5.03	2.00	0.00	1.00	0.00
3.76	5.20	2.00	0.00	1.00	0.00	3.77	5.54	2.00	0.00	1.00	0.00
3.78	5.70	2.00	0.00	1.00	0.00	3.79	5.70	2.00	0.00	1.00	0.00
3.80	5.87	2.00	0.00	1.00	0.00	3.81	6.04	2.00	0.00	1.00	0.00
3.82	6.21	2.00	0.00	1.00	0.00	3.83	6.38	2.00	0.00	1.00	0.00
3.84	6.71	2.00	0.00	1.00	0.00	3.85	10.91	2.00	0.00	1.00	0.00
3.86	69.69	0.42	4.57	1.00	0.05	3.87	68.32	0.41	4.65	1.00	0.05

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	68.18	0.41	4.66	1.00	0.05	3.89	66.94	0.41	4.74	1.00	0.05
3.90	73.82	0.43	4.33	1.00	0.04	3.91	78.02	0.45	4.11	1.00	0.04
3.92	82.04	0.47	3.91	1.00	0.04	3.93	83.22	0.47	3.86	1.00	0.04
3.94	85.23	0.48	3.77	1.00	0.04	3.95	86.07	0.49	3.73	1.00	0.04
3.96	86.74	0.49	3.71	1.00	0.04	3.97	86.74	0.49	3.71	1.00	0.04
3.98	86.74	0.49	3.71	1.00	0.04	3.99	87.58	0.49	3.67	1.00	0.04
4.00	89.93	0.51	3.58	1.00	0.04	4.01	93.97	0.53	3.42	1.00	0.03
4.02	95.89	0.54	3.35	1.00	0.03	4.03	97.35	0.55	3.30	1.00	0.03
4.04	99.19	0.56	3.24	1.00	0.03	4.05	99.24	0.56	3.24	1.00	0.03
4.06	98.78	0.56	3.25	1.00	0.03	4.07	97.56	0.55	3.29	1.00	0.03
4.08	97.23	0.55	3.31	1.00	0.03	4.09	96.89	0.54	3.32	1.00	0.03
4.10	96.68	0.54	3.33	1.00	0.03	4.11	96.99	0.55	3.31	1.00	0.03
4.12	97.80	0.55	3.29	1.00	0.03	4.13	98.86	0.56	3.25	1.00	0.03
4.14	101.18	0.57	3.17	1.00	0.03	4.15	102.22	0.58	3.14	1.00	0.03
4.16	103.26	0.59	3.11	1.00	0.03	4.17	103.83	0.59	3.09	1.00	0.03
4.18	104.14	0.59	3.08	1.00	0.03	4.19	103.66	0.59	3.10	1.00	0.03
4.20	102.56	0.58	3.13	1.00	0.03	4.21	101.61	0.57	3.16	1.00	0.03
4.22	99.95	0.56	3.21	1.00	0.03	4.23	99.36	0.56	3.23	1.00	0.03
4.24	99.22	0.56	3.24	1.00	0.03	4.25	98.67	0.55	3.26	1.00	0.03
4.26	98.54	0.55	3.26	1.00	0.03	4.27	98.46	0.55	3.26	1.00	0.03
4.28	98.44	0.55	3.26	1.00	0.03	4.29	99.36	0.56	3.23	1.00	0.03
4.30	99.71	0.56	3.22	1.00	0.03	4.31	100.13	0.56	3.21	1.00	0.03
4.32	99.95	0.56	3.21	1.00	0.03	4.33	99.55	0.56	3.23	1.00	0.03
4.34	99.00	0.55	3.25	1.00	0.03	4.35	98.30	0.55	3.27	1.00	0.03
4.36	96.87	0.54	3.32	1.00	0.03	4.37	97.67	0.55	3.29	1.00	0.03
4.38	98.82	0.55	3.25	1.00	0.03	4.39	98.64	0.55	3.26	1.00	0.03
4.40	100.36	0.56	3.20	1.00	0.03	4.41	102.78	0.58	3.12	1.00	0.03
4.42	103.49	0.58	3.10	1.00	0.03	4.43	106.17	0.61	3.02	1.00	0.03
4.44	107.06	0.61	2.99	1.00	0.03	4.45	107.73	0.62	2.98	1.00	0.03
4.46	107.38	0.61	2.99	1.00	0.03	4.47	107.75	0.62	2.97	1.00	0.03
4.48	106.33	0.61	3.02	1.00	0.03	4.49	106.40	0.61	3.01	1.00	0.03
4.50	103.61	0.58	3.10	1.00	0.03	4.51	101.40	0.57	3.17	1.00	0.03
4.52	97.73	0.54	3.29	1.00	0.03	4.53	96.90	0.54	3.32	1.00	0.03
4.54	94.67	0.52	3.40	1.00	0.03	4.55	92.74	0.51	3.47	1.00	0.03
4.56	92.44	0.51	3.48	1.00	0.03	4.57	91.64	0.50	3.51	1.00	0.04
4.58	91.34	0.50	3.52	1.00	0.04	4.59	91.00	0.50	3.53	1.00	0.04
4.60	90.07	0.49	3.57	1.00	0.04	4.61	89.32	0.49	3.60	1.00	0.04
4.62	88.85	0.49	3.62	1.00	0.04	4.63	88.65	0.49	3.63	1.00	0.04
4.64	89.25	0.49	3.60	1.00	0.04	4.65	89.84	0.49	3.58	1.00	0.04
4.66	90.30	0.49	3.56	1.00	0.04	4.67	92.34	0.51	3.48	1.00	0.03
4.68	93.72	0.51	3.43	1.00	0.03	4.69	95.76	0.53	3.36	1.00	0.03
4.70	98.55	0.54	3.26	1.00	0.03	4.71	99.59	0.55	3.23	1.00	0.03
4.72	100.26	0.56	3.20	1.00	0.03	4.73	100.68	0.56	3.19	1.00	0.03
4.74	101.71	0.57	3.16	1.00	0.03	4.75	102.37	0.57	3.14	1.00	0.03
4.76	102.42	0.57	3.14	1.00	0.03	4.77	101.86	0.57	3.15	1.00	0.03
4.78	97.37	0.53	3.30	1.00	0.03	4.79	94.49	0.52	3.40	1.00	0.03
4.80	91.69	0.50	3.51	1.00	0.04	4.81	87.02	0.47	3.69	1.00	0.04
4.82	85.29	0.47	3.77	1.00	0.04	4.83	84.65	0.46	3.80	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	84.12	0.46	3.82	1.00	0.04	4.85	86.54	0.47	3.71	1.00	0.04
4.86	90.52	0.49	3.55	1.00	0.04	4.87	92.34	0.50	3.48	1.00	0.03
4.88	96.17	0.53	3.34	1.00	0.03	4.89	97.89	0.54	3.28	1.00	0.03
4.90	100.36	0.55	3.20	1.00	0.03	4.91	99.35	0.55	3.23	1.00	0.03
4.92	100.14	0.55	3.21	1.00	0.03	4.93	99.59	0.55	3.23	1.00	0.03
4.94	99.02	0.54	3.25	1.00	0.03	4.95	95.97	0.52	3.35	1.00	0.03
4.96	95.12	0.52	3.38	1.00	0.03	4.97	95.41	0.52	3.37	1.00	0.03
4.98	93.38	0.51	3.44	1.00	0.03	4.99	88.21	0.48	3.64	1.00	0.04
5.00	84.29	0.46	3.81	1.00	0.04	5.01	85.46	0.46	3.76	1.00	0.04
5.02	84.47	0.46	3.80	1.00	0.04	5.03	87.38	0.47	3.68	1.00	0.04
5.04	89.58	0.48	3.59	1.00	0.04	5.05	92.62	0.50	3.47	1.00	0.03
5.06	98.65	0.54	3.26	1.00	0.03	5.07	99.52	0.54	3.23	1.00	0.03
5.08	97.66	0.53	3.29	1.00	0.03	5.09	95.10	0.52	3.38	1.00	0.03
5.10	94.02	0.51	3.42	1.00	0.03	5.11	92.08	0.50	3.49	1.00	0.03
5.12	90.63	0.49	3.55	1.00	0.04	5.13	89.32	0.48	3.60	1.00	0.04
5.14	89.24	0.48	3.60	1.00	0.04	5.15	88.51	0.48	3.63	1.00	0.04
5.16	88.17	0.48	3.65	1.00	0.04	5.17	86.13	0.47	3.73	1.00	0.04
5.18	83.43	0.45	3.85	1.00	0.04	5.19	79.99	0.44	4.01	1.00	0.04
5.20	77.30	0.43	4.14	1.00	0.04	5.21	75.90	0.42	4.22	1.00	0.04
5.22	76.29	0.42	4.20	1.00	0.04	5.23	78.54	0.43	4.08	1.00	0.04
5.24	79.43	0.43	4.04	1.00	0.04	5.25	82.27	0.45	3.90	1.00	0.04
5.26	84.02	0.45	3.82	1.00	0.04	5.27	85.50	0.46	3.76	1.00	0.04
5.28	87.42	0.47	3.68	1.00	0.04	5.29	86.23	0.46	3.73	1.00	0.04
5.30	87.73	0.47	3.66	1.00	0.04	5.31	87.72	0.47	3.66	1.00	0.04
5.32	87.76	0.47	3.66	1.00	0.04	5.33	86.93	0.47	3.70	1.00	0.04
5.34	86.66	0.47	3.71	1.00	0.04	5.35	85.85	0.46	3.74	1.00	0.04
5.36	85.58	0.46	3.75	1.00	0.04	5.37	84.89	0.46	3.78	1.00	0.04
5.38	84.40	0.45	3.81	1.00	0.04	5.39	83.19	0.45	3.86	1.00	0.04
5.40	81.98	0.44	3.92	1.00	0.04	5.41	80.44	0.44	3.99	1.00	0.04
5.42	79.22	0.43	4.05	1.00	0.04	5.43	76.28	0.42	4.20	1.00	0.04
5.44	73.70	0.41	4.34	1.00	0.04	5.45	69.00	0.39	4.61	1.00	0.05
5.46	63.07	0.37	5.01	1.00	0.05	5.47	63.92	0.37	4.94	1.00	0.05
5.48	66.38	0.38	4.78	1.00	0.05	5.49	68.73	0.39	4.63	1.00	0.05
5.50	70.01	0.39	4.55	1.00	0.05	5.51	68.11	0.39	4.67	1.00	0.05
5.52	66.21	0.38	4.79	1.00	0.05	5.53	64.44	0.37	4.91	1.00	0.05
5.54	62.53	0.37	5.04	1.00	0.05	5.55	61.20	0.36	5.14	1.00	0.05
5.56	58.27	0.35	5.37	1.00	0.05	5.57	59.62	0.36	5.26	1.00	0.05
5.58	62.21	0.37	5.07	1.00	0.05	5.59	64.29	0.37	4.92	1.00	0.05
5.60	66.50	0.38	4.77	1.00	0.05	5.61	67.73	0.38	4.69	1.00	0.05
5.62	68.82	0.39	4.62	1.00	0.05	5.63	70.79	0.39	4.50	1.00	0.05
5.64	73.99	0.41	4.32	1.00	0.04	5.65	76.85	0.42	4.17	1.00	0.04
5.66	79.83	0.43	4.02	1.00	0.04	5.67	82.65	0.44	3.88	1.00	0.04
5.68	86.85	0.46	3.70	1.00	0.04	5.69	88.77	0.47	3.62	1.00	0.04
5.70	88.86	0.47	3.62	1.00	0.04	5.71	89.55	0.48	3.59	1.00	0.04
5.72	88.41	0.47	3.64	1.00	0.04	5.73	86.88	0.46	3.70	1.00	0.04
5.74	83.75	0.45	3.83	1.00	0.04	5.75	79.47	0.43	4.03	1.00	0.04
5.76	76.44	0.42	4.19	1.00	0.04	5.77	74.43	0.41	4.29	1.00	0.04
5.78	72.63	0.40	4.39	1.00	0.04	5.79	71.37	0.40	4.47	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	70.00	0.39	4.55	1.00	0.05	5.81	69.24	0.39	4.59	1.00	0.05
5.82	69.28	0.39	4.59	1.00	0.05	5.83	67.93	0.38	4.68	1.00	0.05
5.84	66.99	0.38	4.74	1.00	0.05	5.85	65.83	0.38	4.81	1.00	0.05
5.86	69.11	0.39	4.60	1.00	0.05	5.87	72.65	0.40	4.39	1.00	0.04
5.88	79.27	0.43	4.04	1.00	0.04	5.89	79.01	0.42	4.06	1.00	0.04
5.90	81.12	0.43	3.96	1.00	0.04	5.91	80.37	0.43	3.99	1.00	0.04
5.92	78.68	0.42	4.07	1.00	0.04	5.93	77.89	0.42	4.11	1.00	0.04
5.94	74.20	0.40	4.31	1.00	0.04	5.95	17.75	2.00	0.00	1.00	0.00
5.96	16.32	2.00	0.00	1.00	0.00	5.97	16.30	2.00	0.00	1.00	0.00
5.98	16.29	2.00	0.00	1.00	0.00	5.99	17.41	2.00	0.00	1.00	0.00
6.00	75.78	0.41	4.22	1.00	0.04	6.01	80.99	0.43	3.96	1.00	0.04
6.02	78.22	0.42	4.10	1.00	0.04	6.03	19.14	2.00	0.00	1.00	0.00
6.04	17.17	2.00	0.00	1.00	0.00	6.05	15.75	2.00	0.00	1.00	0.00
6.06	13.48	2.00	0.00	1.00	0.00	6.07	12.63	2.00	0.00	1.00	0.00
6.08	11.91	2.00	0.00	1.00	0.00	6.09	11.06	2.00	0.00	1.00	0.00
6.10	10.20	2.00	0.00	1.00	0.00	6.11	12.03	2.00	0.00	1.00	0.00
6.12	16.65	2.00	0.00	1.00	0.00	6.13	77.93	0.42	4.11	1.00	0.04
6.14	92.20	0.48	3.49	1.00	0.03	6.15	89.77	0.47	3.58	1.00	0.04
6.16	87.94	0.46	3.66	1.00	0.04	6.17	84.35	0.45	3.81	1.00	0.04
6.18	82.51	0.44	3.89	1.00	0.04	6.19	76.23	0.41	4.20	1.00	0.04
6.20	71.03	0.39	4.49	1.00	0.04	6.21	74.85	0.41	4.27	1.00	0.04
6.22	77.42	0.42	4.14	1.00	0.04	6.23	79.00	0.42	4.06	1.00	0.04
6.24	79.07	0.42	4.05	1.00	0.04	6.25	74.90	0.41	4.27	1.00	0.04
6.26	71.90	0.39	4.44	1.00	0.04	6.27	69.86	0.39	4.56	1.00	0.05
6.28	68.01	0.38	4.67	1.00	0.05	6.29	69.51	0.39	4.58	1.00	0.05
6.30	70.89	0.39	4.50	1.00	0.04	6.31	72.61	0.40	4.40	1.00	0.04
6.32	73.34	0.40	4.35	1.00	0.04	6.33	73.57	0.40	4.34	1.00	0.04
6.34	73.95	0.40	4.32	1.00	0.04	6.35	75.10	0.41	4.26	1.00	0.04
6.36	74.87	0.40	4.27	1.00	0.04	6.37	76.32	0.41	4.19	1.00	0.04
6.38	75.37	0.41	4.24	1.00	0.04	6.39	78.37	0.42	4.09	1.00	0.04
6.40	79.89	0.42	4.01	1.00	0.04	6.41	82.73	0.44	3.88	1.00	0.04
6.42	80.88	0.43	3.97	1.00	0.04	6.43	82.23	0.43	3.90	1.00	0.04
6.44	81.83	0.43	3.92	1.00	0.04	6.45	81.64	0.43	3.93	1.00	0.04
6.46	79.37	0.42	4.04	1.00	0.04	6.47	79.12	0.42	4.05	1.00	0.04
6.48	78.79	0.42	4.07	1.00	0.04	6.49	78.74	0.42	4.07	1.00	0.04
6.50	79.68	0.42	4.02	1.00	0.04	6.51	80.54	0.43	3.98	1.00	0.04
6.52	81.36	0.43	3.94	1.00	0.04	6.53	81.42	0.43	3.94	1.00	0.04
6.54	81.76	0.43	3.93	1.00	0.04	6.55	83.87	0.44	3.83	1.00	0.04
6.56	85.72	0.45	3.75	1.00	0.04	6.57	88.43	0.46	3.64	1.00	0.04
6.58	90.63	0.47	3.55	1.00	0.04	6.59	89.58	0.47	3.59	1.00	0.04
6.60	87.67	0.46	3.67	1.00	0.04	6.61	84.74	0.44	3.79	1.00	0.04
6.62	80.99	0.43	3.96	1.00	0.04	6.63	19.15	2.00	0.00	1.00	0.00
6.64	18.19	2.00	0.00	1.00	0.00	6.65	16.96	2.00	0.00	1.00	0.00
6.66	13.72	2.00	0.00	1.00	0.00	6.67	11.81	2.00	0.00	1.00	0.00
6.68	11.13	2.00	0.00	1.00	0.00	6.69	10.58	2.00	0.00	1.00	0.00
6.70	10.57	2.00	0.00	1.00	0.00	6.71	12.72	2.00	0.00	1.00	0.00
6.72	14.60	2.00	0.00	1.00	0.00	6.73	16.33	2.00	0.00	1.00	0.00
6.74	16.99	2.00	0.00	1.00	0.00	6.75	15.64	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	14.16	2.00	0.00	1.00	0.00	6.77	13.07	2.00	0.00	1.00	0.00
6.78	11.32	2.00	0.00	1.00	0.00	6.79	10.37	2.00	0.00	1.00	0.00
6.80	9.55	2.00	0.00	1.00	0.00	6.81	8.73	2.00	0.00	1.00	0.00
6.82	8.86	2.00	0.00	1.00	0.00	6.83	10.49	2.00	0.00	1.00	0.00
6.84	12.53	2.00	0.00	1.00	0.00	6.85	69.53	0.38	4.58	1.00	0.05
6.86	71.23	0.39	4.48	1.00	0.04	6.87	80.83	0.43	3.97	1.00	0.04
6.88	80.93	0.43	3.96	1.00	0.04	6.89	86.05	0.45	3.73	1.00	0.04
6.90	88.07	0.46	3.65	1.00	0.04	6.91	88.72	0.46	3.62	1.00	0.04
6.92	88.23	0.46	3.64	1.00	0.04	6.93	88.19	0.46	3.65	1.00	0.04
6.94	87.26	0.45	3.68	1.00	0.04	6.95	86.82	0.45	3.70	1.00	0.04
6.96	85.81	0.45	3.74	1.00	0.04	6.97	86.02	0.45	3.74	1.00	0.04
6.98	87.03	0.45	3.69	1.00	0.04	6.99	78.32	0.42	4.09	1.00	0.04
7.00	76.63	0.41	4.18	1.00	0.04	7.01	71.86	0.39	4.44	1.00	0.04
7.02	15.29	2.00	0.00	1.00	0.00	7.03	13.68	2.00	0.00	1.00	0.00
7.04	13.00	2.00	0.00	1.00	0.00	7.05	12.19	2.00	0.00	1.00	0.00
7.06	10.71	2.00	0.00	1.00	0.00	7.07	9.38	2.00	0.00	1.00	0.00
7.08	8.17	2.00	0.00	1.00	0.00	7.09	7.63	2.00	0.00	1.00	0.00
7.10	7.36	2.00	0.00	1.00	0.00	7.11	7.22	2.00	0.00	1.00	0.00
7.12	6.41	2.00	0.00	1.00	0.00	7.13	6.13	2.00	0.00	1.00	0.00
7.14	6.00	2.00	0.00	1.00	0.00	7.15	5.99	2.00	0.00	1.00	0.00
7.16	5.99	2.00	0.00	1.00	0.00	7.17	6.39	2.00	0.00	1.00	0.00
7.18	7.98	2.00	0.00	1.00	0.00	7.19	12.23	2.00	0.00	1.00	0.00
7.20	71.75	0.39	4.45	1.00	0.04	7.21	77.62	0.41	4.13	1.00	0.04
7.22	76.67	0.41	4.18	1.00	0.04	7.23	76.62	0.41	4.18	1.00	0.04
7.24	76.47	0.41	4.19	1.00	0.04	7.25	75.39	0.40	4.24	1.00	0.04
7.26	74.96	0.40	4.27	1.00	0.04	7.27	74.94	0.40	4.27	1.00	0.04
7.28	74.93	0.40	4.27	1.00	0.04	7.29	78.62	0.42	4.08	1.00	0.04
7.30	81.40	0.43	3.94	1.00	0.04	7.31	83.15	0.43	3.86	1.00	0.04
7.32	86.01	0.45	3.74	1.00	0.04	7.33	91.72	0.48	3.51	1.00	0.04
7.34	91.06	0.47	3.53	1.00	0.04	7.35	90.95	0.47	3.54	1.00	0.04
7.36	90.03	0.47	3.57	1.00	0.04	7.37	89.50	0.46	3.59	1.00	0.04
7.38	88.26	0.46	3.64	1.00	0.04	7.39	86.24	0.45	3.73	1.00	0.04
7.40	85.30	0.44	3.77	1.00	0.04	7.41	83.65	0.44	3.84	1.00	0.04
7.42	83.46	0.44	3.85	1.00	0.04	7.43	82.45	0.43	3.89	1.00	0.04
7.44	82.15	0.43	3.91	1.00	0.04	7.45	79.90	0.42	4.01	1.00	0.04
7.46	77.39	0.41	4.14	1.00	0.04	7.47	77.78	0.41	4.12	1.00	0.04
7.48	78.85	0.42	4.07	1.00	0.04	7.49	80.31	0.42	3.99	1.00	0.04
7.50	82.84	0.43	3.88	1.00	0.04	7.51	84.19	0.44	3.82	1.00	0.04
7.52	85.77	0.45	3.75	1.00	0.04	7.53	88.61	0.46	3.63	1.00	0.04
7.54	90.18	0.47	3.57	1.00	0.04	7.55	91.28	0.47	3.52	1.00	0.04
7.56	91.92	0.48	3.50	1.00	0.03	7.57	92.67	0.48	3.47	1.00	0.03
7.58	92.62	0.48	3.47	1.00	0.03	7.59	92.56	0.48	3.47	1.00	0.03
7.60	92.17	0.48	3.49	1.00	0.03	7.61	92.11	0.48	3.49	1.00	0.03
7.62	91.72	0.48	3.51	1.00	0.04	7.63	91.20	0.47	3.53	1.00	0.04
7.64	90.46	0.47	3.55	1.00	0.04	7.65	89.84	0.47	3.58	1.00	0.04
7.66	89.77	0.47	3.58	1.00	0.04	7.67	90.72	0.47	3.54	1.00	0.04
7.68	92.43	0.48	3.48	1.00	0.03	7.69	94.34	0.49	3.41	1.00	0.03
7.70	96.13	0.50	3.34	1.00	0.03	7.71	97.91	0.51	3.28	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	99.61	0.52	3.23	1.00	0.03	7.73	101.44	0.53	3.17	1.00	0.03
7.74	103.79	0.55	3.09	1.00	0.03	7.75	104.90	0.56	3.06	1.00	0.03
7.76	106.78	0.57	3.00	1.00	0.03	7.77	108.03	0.58	2.97	1.00	0.03
7.78	108.70	0.59	2.95	1.00	0.03	7.79	108.56	0.59	2.95	1.00	0.03
7.80	108.64	0.59	2.95	1.00	0.03	7.81	108.42	0.58	2.96	1.00	0.03
7.82	108.50	0.59	2.95	1.00	0.03	7.83	108.57	0.59	2.95	1.00	0.03
7.84	108.94	0.59	2.94	1.00	0.03	7.85	110.16	0.60	2.91	1.00	0.03
7.86	109.84	0.60	2.92	1.00	0.03	7.87	110.98	0.61	2.88	1.00	0.03
7.88	111.29	0.61	2.88	1.00	0.03	7.89	113.63	0.63	2.81	1.00	0.03
7.90	108.07	0.58	2.97	1.00	0.03	7.91	106.92	0.57	3.00	1.00	0.03
7.92	104.76	0.56	3.06	1.00	0.03	7.93	94.85	0.49	3.39	1.00	0.03
7.94	92.19	0.48	3.49	1.00	0.03	7.95	89.53	0.47	3.59	1.00	0.04
7.96	27.63	2.00	0.00	1.00	0.00	7.97	27.60	2.00	0.00	1.00	0.00
7.98	27.57	2.00	0.00	1.00	0.00	7.99	21.76	2.00	0.00	1.00	0.00
8.00	21.48	2.00	0.00	1.00	0.00	8.01	19.64	2.00	0.00	1.00	0.00
8.02	19.01	2.00	0.00	1.00	0.00	8.03	18.27	2.00	0.00	1.00	0.00
8.04	18.13	2.00	0.00	1.00	0.00	8.05	17.87	2.00	0.00	1.00	0.00
8.06	17.01	2.00	0.00	1.00	0.00	8.07	16.75	2.00	0.00	1.00	0.00
8.08	16.62	2.00	0.00	1.00	0.00	8.09	16.61	2.00	0.00	1.00	0.00
8.10	16.97	2.00	0.00	1.00	0.00	8.11	17.20	2.00	0.00	1.00	0.00
8.12	17.19	2.00	0.00	1.00	0.00	8.13	17.06	2.00	0.00	1.00	0.00
8.14	17.05	2.00	0.00	1.00	0.00	8.15	17.04	2.00	0.00	1.00	0.00
8.16	17.15	2.00	0.00	1.00	0.00	8.17	17.38	2.00	0.00	1.00	0.00
8.18	17.37	2.00	0.00	1.00	0.00	8.19	17.47	2.00	0.00	1.00	0.00
8.20	17.34	2.00	0.00	1.00	0.00	8.21	17.32	2.00	0.00	1.00	0.00
8.22	17.19	2.00	0.00	1.00	0.00	8.23	17.06	2.00	0.00	1.00	0.00
8.24	17.05	2.00	0.00	1.00	0.00	8.25	17.04	2.00	0.00	1.00	0.00
8.26	16.90	2.00	0.00	1.00	0.00	8.27	16.77	2.00	0.00	1.00	0.00
8.28	16.76	2.00	0.00	1.00	0.00	8.29	16.75	2.00	0.00	1.00	0.00
8.30	16.62	2.00	0.00	1.00	0.00	8.31	16.37	2.00	0.00	1.00	0.00
8.32	16.35	2.00	0.00	1.00	0.00	8.33	16.34	2.00	0.00	1.00	0.00
8.34	16.33	2.00	0.00	1.00	0.00	8.35	16.32	2.00	0.00	1.00	0.00
8.36	16.19	2.00	0.00	1.00	0.00	8.37	15.82	2.00	0.00	1.00	0.00
8.38	15.69	2.00	0.00	1.00	0.00	8.39	15.56	2.00	0.00	1.00	0.00
8.40	15.43	2.00	0.00	1.00	0.00	8.41	15.18	2.00	0.00	1.00	0.00
8.42	15.05	2.00	0.00	1.00	0.00	8.43	15.04	2.00	0.00	1.00	0.00
8.44	15.03	2.00	0.00	1.00	0.00	8.45	14.90	2.00	0.00	1.00	0.00
8.46	14.77	2.00	0.00	1.00	0.00	8.47	14.52	2.00	0.00	1.00	0.00
8.48	14.51	2.00	0.00	1.00	0.00	8.49	14.50	2.00	0.00	1.00	0.00
8.50	14.85	2.00	0.00	1.00	0.00	8.51	14.96	2.00	0.00	1.00	0.00
8.52	14.95	2.00	0.00	1.00	0.00	8.53	14.70	2.00	0.00	1.00	0.00
8.54	14.45	2.00	0.00	1.00	0.00	8.55	14.32	2.00	0.00	1.00	0.00
8.56	14.08	2.00	0.00	1.00	0.00	8.57	14.07	2.00	0.00	1.00	0.00
8.58	14.18	2.00	0.00	1.00	0.00	8.59	14.17	2.00	0.00	1.00	0.00
8.60	14.28	2.00	0.00	1.00	0.00	8.61	14.39	2.00	0.00	1.00	0.00
8.62	14.38	2.00	0.00	1.00	0.00	8.63	14.01	2.00	0.00	1.00	0.00
8.64	14.00	2.00	0.00	1.00	0.00	8.65	14.11	2.00	0.00	1.00	0.00
8.66	14.10	2.00	0.00	1.00	0.00	8.67	13.98	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	14.09	2.00	0.00	1.00	0.00	8.69	13.84	2.00	0.00	1.00	0.00
8.70	13.48	2.00	0.00	1.00	0.00	8.71	13.35	2.00	0.00	1.00	0.00
8.72	12.99	2.00	0.00	1.00	0.00	8.73	12.86	2.00	0.00	1.00	0.00
8.74	12.73	2.00	0.00	1.00	0.00	8.75	12.73	2.00	0.00	1.00	0.00
8.76	13.07	2.00	0.00	1.00	0.00	8.77	13.30	2.00	0.00	1.00	0.00
8.78	13.41	2.00	0.00	1.00	0.00	8.79	13.52	2.00	0.00	1.00	0.00
8.80	13.51	2.00	0.00	1.00	0.00	8.81	13.38	2.00	0.00	1.00	0.00
8.82	13.26	2.00	0.00	1.00	0.00	8.83	13.13	2.00	0.00	1.00	0.00
8.84	13.01	2.00	0.00	1.00	0.00	8.85	13.00	2.00	0.00	1.00	0.00
8.86	12.99	2.00	0.00	1.00	0.00	8.87	12.63	2.00	0.00	1.00	0.00
8.88	12.39	2.00	0.00	1.00	0.00	8.89	12.27	2.00	0.00	1.00	0.00
8.90	12.14	2.00	0.00	1.00	0.00	8.91	11.66	2.00	0.00	1.00	0.00
8.92	11.54	2.00	0.00	1.00	0.00	8.93	11.42	2.00	0.00	1.00	0.00
8.94	11.41	2.00	0.00	1.00	0.00	8.95	11.40	2.00	0.00	1.00	0.00
8.96	11.16	2.00	0.00	1.00	0.00	8.97	11.15	2.00	0.00	1.00	0.00
8.98	11.15	2.00	0.00	1.00	0.00	8.99	10.91	2.00	0.00	1.00	0.00
9.00	10.90	2.00	0.00	1.00	0.00	9.01	10.78	2.00	0.00	1.00	0.00
9.02	10.77	2.00	0.00	1.00	0.00	9.03	10.65	2.00	0.00	1.00	0.00
9.04	10.53	2.00	0.00	1.00	0.00	9.05	10.40	2.00	0.00	1.00	0.00
9.06	10.51	2.00	0.00	1.00	0.00	9.07	10.51	2.00	0.00	1.00	0.00
9.08	10.38	2.00	0.00	1.00	0.00	9.09	11.08	2.00	0.00	1.00	0.00
9.10	10.14	2.00	0.00	1.00	0.00	9.11	9.90	2.00	0.00	1.00	0.00
9.12	9.90	2.00	0.00	1.00	0.00	9.13	10.01	2.00	0.00	1.00	0.00
9.14	10.12	2.00	0.00	1.00	0.00	9.15	10.11	2.00	0.00	1.00	0.00
9.16	10.34	2.00	0.00	1.00	0.00	9.17	10.45	2.00	0.00	1.00	0.00
9.18	10.44	2.00	0.00	1.00	0.00	9.19	10.44	2.00	0.00	1.00	0.00
9.20	10.31	2.00	0.00	1.00	0.00	9.21	10.19	2.00	0.00	1.00	0.00
9.22	10.19	2.00	0.00	1.00	0.00	9.23	10.18	2.00	0.00	1.00	0.00
9.24	10.06	2.00	0.00	1.00	0.00	9.25	10.06	2.00	0.00	1.00	0.00
9.26	9.82	2.00	0.00	1.00	0.00	9.27	9.93	2.00	0.00	1.00	0.00
9.28	9.92	2.00	0.00	1.00	0.00	9.29	9.92	2.00	0.00	1.00	0.00
9.30	9.80	2.00	0.00	1.00	0.00	9.31	9.68	2.00	0.00	1.00	0.00
9.32	9.44	2.00	0.00	1.00	0.00	9.33	9.32	2.00	0.00	1.00	0.00
9.34	9.32	2.00	0.00	1.00	0.00	9.35	9.08	2.00	0.00	1.00	0.00
9.36	8.96	2.00	0.00	1.00	0.00	9.37	8.72	2.00	0.00	1.00	0.00
9.38	8.49	2.00	0.00	1.00	0.00	9.39	8.48	2.00	0.00	1.00	0.00
9.40	8.36	2.00	0.00	1.00	0.00	9.41	8.36	2.00	0.00	1.00	0.00
9.42	8.36	2.00	0.00	1.00	0.00	9.43	8.35	2.00	0.00	1.00	0.00
9.44	8.35	2.00	0.00	1.00	0.00	9.45	8.23	2.00	0.00	1.00	0.00
9.46	8.11	2.00	0.00	1.00	0.00	9.47	8.22	2.00	0.00	1.00	0.00
9.48	8.21	2.00	0.00	1.00	0.00	9.49	8.10	2.00	0.00	1.00	0.00
9.50	7.98	2.00	0.00	1.00	0.00	9.51	7.97	2.00	0.00	1.00	0.00
9.52	7.97	2.00	0.00	1.00	0.00	9.53	7.96	2.00	0.00	1.00	0.00
9.54	7.96	2.00	0.00	1.00	0.00	9.55	8.07	2.00	0.00	1.00	0.00
9.56	8.07	2.00	0.00	1.00	0.00	9.57	8.18	2.00	0.00	1.00	0.00
9.58	8.29	2.00	0.00	1.00	0.00	9.59	8.28	2.00	0.00	1.00	0.00
9.60	8.51	2.00	0.00	1.00	0.00	9.61	8.73	2.00	0.00	1.00	0.00
9.62	8.95	2.00	0.00	1.00	0.00	9.63	9.40	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	9.62	2.00	0.00	1.00	0.00	9.65	9.62	2.00	0.00	1.00	0.00
9.66	9.73	2.00	0.00	1.00	0.00	9.67	10.18	2.00	0.00	1.00	0.00
9.68	10.28	2.00	0.00	1.00	0.00	9.69	10.39	2.00	0.00	1.00	0.00
9.70	10.72	2.00	0.00	1.00	0.00	9.71	10.83	2.00	0.00	1.00	0.00
9.72	10.83	2.00	0.00	1.00	0.00	9.73	10.71	2.00	0.00	1.00	0.00
9.74	10.93	2.00	0.00	1.00	0.00	9.75	10.92	2.00	0.00	1.00	0.00
9.76	10.69	2.00	0.00	1.00	0.00	9.77	10.57	2.00	0.00	1.00	0.00
9.78	10.45	2.00	0.00	1.00	0.00	9.79	10.22	2.00	0.00	1.00	0.00
9.80	9.88	2.00	0.00	1.00	0.00	9.81	9.65	2.00	0.00	1.00	0.00
9.82	9.42	2.00	0.00	1.00	0.00	9.83	9.41	2.00	0.00	1.00	0.00
9.84	9.52	2.00	0.00	1.00	0.00	9.85	9.52	2.00	0.00	1.00	0.00
9.86	9.51	2.00	0.00	1.00	0.00	9.87	9.62	2.00	0.00	1.00	0.00
9.88	9.61	2.00	0.00	1.00	0.00	9.89	9.50	2.00	0.00	1.00	0.00
9.90	9.38	2.00	0.00	1.00	0.00	9.91	9.26	2.00	0.00	1.00	0.00
9.92	9.15	2.00	0.00	1.00	0.00	9.93	8.92	2.00	0.00	1.00	0.00
9.94	8.69	2.00	0.00	1.00	0.00	9.95	8.68	2.00	0.00	1.00	0.00
9.96	8.57	2.00	0.00	1.00	0.00	9.97	8.56	2.00	0.00	1.00	0.00
9.98	8.56	2.00	0.00	1.00	0.00	9.99	8.44	2.00	0.00	1.00	0.00
10.00	8.77	2.00	0.00	1.00	0.00	10.01	8.66	2.00	0.00	1.00	0.00
10.02	8.54	2.00	0.00	1.00	0.00	10.03	8.54	2.00	0.00	1.00	0.00
10.04	8.53	2.00	0.00	1.00	0.00	10.05	8.64	2.00	0.00	1.00	0.00
10.06	8.63	2.00	0.00	1.00	0.00	10.07	8.74	2.00	0.00	1.00	0.00
10.08	8.85	2.00	0.00	1.00	0.00	10.09	8.95	2.00	0.00	1.00	0.00
10.10	9.06	2.00	0.00	1.00	0.00	10.11	9.28	2.00	0.00	1.00	0.00
10.12	9.38	2.00	0.00	1.00	0.00	10.13	9.49	2.00	0.00	1.00	0.00
10.14	9.71	2.00	0.00	1.00	0.00	10.15	9.81	2.00	0.00	1.00	0.00
10.16	10.03	2.00	0.00	1.00	0.00	10.17	10.24	2.00	0.00	1.00	0.00
10.18	10.35	2.00	0.00	1.00	0.00	10.19	10.56	2.00	0.00	1.00	0.00
10.20	10.56	2.00	0.00	1.00	0.00	10.21	10.66	2.00	0.00	1.00	0.00
10.22	10.99	2.00	0.00	1.00	0.00	10.23	11.42	2.00	0.00	1.00	0.00
10.24	11.64	2.00	0.00	1.00	0.00	10.25	11.74	2.00	0.00	1.00	0.00
10.26	11.84	2.00	0.00	1.00	0.00	10.27	11.95	2.00	0.00	1.00	0.00
10.28	12.05	2.00	0.00	1.00	0.00	10.29	12.26	2.00	0.00	1.00	0.00
10.30	12.47	2.00	0.00	1.00	0.00	10.31	12.47	2.00	0.00	1.00	0.00
10.32	12.57	2.00	0.00	1.00	0.00	10.33	12.67	2.00	0.00	1.00	0.00
10.34	12.78	2.00	0.00	1.00	0.00	10.35	12.77	2.00	0.00	1.00	0.00
10.36	12.76	2.00	0.00	1.00	0.00	10.37	12.65	2.00	0.00	1.00	0.00
10.38	12.42	2.00	0.00	1.00	0.00	10.39	12.31	2.00	0.00	1.00	0.00
10.40	12.30	2.00	0.00	1.00	0.00	10.41	12.29	2.00	0.00	1.00	0.00
10.42	12.40	2.00	0.00	1.00	0.00	10.43	12.28	2.00	0.00	1.00	0.00
10.44	12.27	2.00	0.00	1.00	0.00	10.45	12.16	2.00	0.00	1.00	0.00
10.46	12.26	2.00	0.00	1.00	0.00	10.47	12.15	2.00	0.00	1.00	0.00
10.48	12.14	2.00	0.00	1.00	0.00	10.49	12.24	2.00	0.00	1.00	0.00
10.50	12.34	2.00	0.00	1.00	0.00	10.51	12.34	2.00	0.00	1.00	0.00
10.52	12.44	2.00	0.00	1.00	0.00	10.53	12.65	2.00	0.00	1.00	0.00
10.54	12.64	2.00	0.00	1.00	0.00	10.55	12.64	2.00	0.00	1.00	0.00
10.56	12.63	2.00	0.00	1.00	0.00	10.57	12.62	2.00	0.00	1.00	0.00
10.58	12.72	2.00	0.00	1.00	0.00	10.59	12.61	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	12.50	2.00	0.00	1.00	0.00	10.61	12.27	2.00	0.00	1.00	0.00
10.62	12.16	2.00	0.00	1.00	0.00	10.63	11.72	2.00	0.00	1.00	0.00
10.64	11.50	2.00	0.00	1.00	0.00	10.65	11.28	2.00	0.00	1.00	0.00
10.66	11.27	2.00	0.00	1.00	0.00	10.67	11.27	2.00	0.00	1.00	0.00
10.68	11.26	2.00	0.00	1.00	0.00	10.69	11.15	2.00	0.00	1.00	0.00
10.70	10.82	2.00	0.00	1.00	0.00	10.71	10.71	2.00	0.00	1.00	0.00
10.72	10.59	2.00	0.00	1.00	0.00	10.73	10.16	2.00	0.00	1.00	0.00
10.74	9.94	2.00	0.00	1.00	0.00	10.75	9.72	2.00	0.00	1.00	0.00
10.76	9.39	2.00	0.00	1.00	0.00	10.77	9.28	2.00	0.00	1.00	0.00
10.78	9.06	2.00	0.00	1.00	0.00	10.79	8.95	2.00	0.00	1.00	0.00
10.80	8.73	2.00	0.00	1.00	0.00	10.81	8.73	2.00	0.00	1.00	0.00
10.82	8.61	2.00	0.00	1.00	0.00	10.83	8.72	2.00	0.00	1.00	0.00
10.84	8.71	2.00	0.00	1.00	0.00	10.85	8.71	2.00	0.00	1.00	0.00
10.86	8.70	2.00	0.00	1.00	0.00	10.87	8.81	2.00	0.00	1.00	0.00
10.88	8.80	2.00	0.00	1.00	0.00	10.89	8.80	2.00	0.00	1.00	0.00
10.90	8.58	2.00	0.00	1.00	0.00	10.91	8.58	2.00	0.00	1.00	0.00
10.92	8.47	2.00	0.00	1.00	0.00	10.93	8.35	2.00	0.00	1.00	0.00
10.94	8.14	2.00	0.00	1.00	0.00	10.95	8.03	2.00	0.00	1.00	0.00
10.96	7.81	2.00	0.00	1.00	0.00	10.97	7.81	2.00	0.00	1.00	0.00
10.98	7.80	2.00	0.00	1.00	0.00	10.99	8.65	2.00	0.00	1.00	0.00
11.00	8.75	2.00	0.00	1.00	0.00	11.01	8.96	2.00	0.00	1.00	0.00
11.02	8.96	2.00	0.00	1.00	0.00	11.03	9.06	2.00	0.00	1.00	0.00
11.04	9.16	2.00	0.00	1.00	0.00	11.05	9.16	2.00	0.00	1.00	0.00
11.06	9.05	2.00	0.00	1.00	0.00	11.07	9.05	2.00	0.00	1.00	0.00
11.08	9.04	2.00	0.00	1.00	0.00	11.09	9.04	2.00	0.00	1.00	0.00
11.10	8.93	2.00	0.00	1.00	0.00	11.11	8.82	2.00	0.00	1.00	0.00
11.12	8.71	2.00	0.00	1.00	0.00	11.13	8.71	2.00	0.00	1.00	0.00
11.14	8.70	2.00	0.00	1.00	0.00	11.15	8.70	2.00	0.00	1.00	0.00
11.16	8.48	2.00	0.00	1.00	0.00	11.17	8.27	2.00	0.00	1.00	0.00
11.18	8.26	2.00	0.00	1.00	0.00	11.19	8.16	2.00	0.00	1.00	0.00
11.20	8.05	2.00	0.00	1.00	0.00	11.21	7.94	2.00	0.00	1.00	0.00
11.22	7.93	2.00	0.00	1.00	0.00	11.23	8.04	2.00	0.00	1.00	0.00
11.24	8.24	2.00	0.00	1.00	0.00	11.25	8.56	2.00	0.00	1.00	0.00
11.26	9.08	2.00	0.00	1.00	0.00	11.27	9.29	2.00	0.00	1.00	0.00
11.28	9.39	2.00	0.00	1.00	0.00	11.29	9.49	2.00	0.00	1.00	0.00
11.30	9.49	2.00	0.00	1.00	0.00	11.31	9.59	2.00	0.00	1.00	0.00
11.32	9.79	2.00	0.00	1.00	0.00	11.33	10.00	2.00	0.00	1.00	0.00
11.34	10.41	2.00	0.00	1.00	0.00	11.35	10.51	2.00	0.00	1.00	0.00
11.36	10.82	2.00	0.00	1.00	0.00	11.37	11.13	2.00	0.00	1.00	0.00
11.38	11.33	2.00	0.00	1.00	0.00	11.39	11.64	2.00	0.00	1.00	0.00
11.40	11.74	2.00	0.00	1.00	0.00	11.41	11.84	2.00	0.00	1.00	0.00
11.42	12.04	2.00	0.00	1.00	0.00	11.43	11.83	2.00	0.00	1.00	0.00
11.44	11.82	2.00	0.00	1.00	0.00	11.45	11.50	2.00	0.00	1.00	0.00
11.46	11.29	2.00	0.00	1.00	0.00	11.47	11.29	2.00	0.00	1.00	0.00
11.48	11.28	2.00	0.00	1.00	0.00	11.49	11.07	2.00	0.00	1.00	0.00
11.50	10.96	2.00	0.00	1.00	0.00	11.51	10.85	2.00	0.00	1.00	0.00
11.52	10.64	2.00	0.00	1.00	0.00	11.53	10.63	2.00	0.00	1.00	0.00
11.54	10.63	2.00	0.00	1.00	0.00	11.55	10.52	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	10.51	2.00	0.00	1.00	0.00	11.57	10.51	2.00	0.00	1.00	0.00
11.58	10.50	2.00	0.00	1.00	0.00	11.59	10.39	2.00	0.00	1.00	0.00
11.60	10.39	2.00	0.00	1.00	0.00	11.61	10.28	2.00	0.00	1.00	0.00
11.62	10.28	2.00	0.00	1.00	0.00	11.63	10.38	2.00	0.00	1.00	0.00
11.64	10.37	2.00	0.00	1.00	0.00	11.65	10.26	2.00	0.00	1.00	0.00
11.66	10.36	2.00	0.00	1.00	0.00	11.67	10.56	2.00	0.00	1.00	0.00
11.68	10.76	2.00	0.00	1.00	0.00	11.69	10.86	2.00	0.00	1.00	0.00
11.70	10.96	2.00	0.00	1.00	0.00	11.71	11.27	2.00	0.00	1.00	0.00
11.72	11.36	2.00	0.00	1.00	0.00	11.73	11.67	2.00	0.00	1.00	0.00
11.74	11.66	2.00	0.00	1.00	0.00	11.75	11.55	2.00	0.00	1.00	0.00
11.76	11.45	2.00	0.00	1.00	0.00	11.77	11.34	2.00	0.00	1.00	0.00
11.78	11.33	2.00	0.00	1.00	0.00	11.79	11.33	2.00	0.00	1.00	0.00
11.80	11.22	2.00	0.00	1.00	0.00	11.81	11.21	2.00	0.00	1.00	0.00
11.82	11.11	2.00	0.00	1.00	0.00	11.83	11.10	2.00	0.00	1.00	0.00
11.84	11.20	2.00	0.00	1.00	0.00	11.85	11.19	2.00	0.00	1.00	0.00
11.86	10.98	2.00	0.00	1.00	0.00	11.87	10.98	2.00	0.00	1.00	0.00
11.88	10.77	2.00	0.00	1.00	0.00	11.89	10.56	2.00	0.00	1.00	0.00
11.90	10.45	2.00	0.00	1.00	0.00	11.91	10.34	2.00	0.00	1.00	0.00
11.92	10.34	2.00	0.00	1.00	0.00	11.93	10.23	2.00	0.00	1.00	0.00
11.94	9.92	2.00	0.00	1.00	0.00	11.95	9.82	2.00	0.00	1.00	0.00
11.96	9.91	2.00	0.00	1.00	0.00	11.97	9.91	2.00	0.00	1.00	0.00
11.98	9.90	2.00	0.00	1.00	0.00	11.99	10.20	2.00	0.00	1.00	0.00
12.00	10.30	2.00	0.00	1.00	0.00	12.01	10.40	2.00	0.00	1.00	0.00
12.02	10.39	2.00	0.00	1.00	0.00	12.03	10.39	2.00	0.00	1.00	0.00
12.04	10.28	2.00	0.00	1.00	0.00	12.05	10.48	2.00	0.00	1.00	0.00
12.06	10.48	2.00	0.00	1.00	0.00	12.07	10.47	2.00	0.00	1.00	0.00
12.08	10.47	2.00	0.00	1.00	0.00	12.09	10.46	2.00	0.00	1.00	0.00
12.10	10.56	2.00	0.00	1.00	0.00	12.11	10.66	2.00	0.00	1.00	0.00
12.12	10.65	2.00	0.00	1.00	0.00	12.13	10.65	2.00	0.00	1.00	0.00
12.14	10.74	2.00	0.00	1.00	0.00	12.15	10.74	2.00	0.00	1.00	0.00
12.16	10.83	2.00	0.00	1.00	0.00	12.17	10.93	2.00	0.00	1.00	0.00
12.18	11.03	2.00	0.00	1.00	0.00	12.19	11.02	2.00	0.00	1.00	0.00
12.20	10.92	2.00	0.00	1.00	0.00	12.21	10.91	2.00	0.00	1.00	0.00
12.22	10.81	2.00	0.00	1.00	0.00	12.23	10.70	2.00	0.00	1.00	0.00
12.24	10.80	2.00	0.00	1.00	0.00	12.25	10.89	2.00	0.00	1.00	0.00
12.26	10.79	2.00	0.00	1.00	0.00	12.27	10.68	2.00	0.00	1.00	0.00
12.28	10.58	2.00	0.00	1.00	0.00	12.29	10.47	2.00	0.00	1.00	0.00
12.30	10.67	2.00	0.00	1.00	0.00	12.31	10.76	2.00	0.00	1.00	0.00
12.32	10.76	2.00	0.00	1.00	0.00	12.33	10.75	2.00	0.00	1.00	0.00
12.34	10.85	2.00	0.00	1.00	0.00	12.35	10.74	2.00	0.00	1.00	0.00
12.36	10.54	2.00	0.00	1.00	0.00	12.37	10.53	2.00	0.00	1.00	0.00
12.38	10.53	2.00	0.00	1.00	0.00	12.39	10.52	2.00	0.00	1.00	0.00
12.40	10.42	2.00	0.00	1.00	0.00	12.41	10.41	2.00	0.00	1.00	0.00
12.42	10.51	2.00	0.00	1.00	0.00	12.43	10.50	2.00	0.00	1.00	0.00
12.44	10.50	2.00	0.00	1.00	0.00	12.45	10.49	2.00	0.00	1.00	0.00
12.46	10.39	2.00	0.00	1.00	0.00	12.47	10.39	2.00	0.00	1.00	0.00
12.48	10.38	2.00	0.00	1.00	0.00	12.49	10.48	2.00	0.00	1.00	0.00
12.50	10.47	2.00	0.00	1.00	0.00	12.51	10.47	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	10.26	2.00	0.00	1.00	0.00	12.53	10.26	2.00	0.00	1.00	0.00
12.54	10.15	2.00	0.00	1.00	0.00	12.55	10.05	2.00	0.00	1.00	0.00
12.56	9.95	2.00	0.00	1.00	0.00	12.57	9.94	2.00	0.00	1.00	0.00
12.58	9.84	2.00	0.00	1.00	0.00	12.59	9.73	2.00	0.00	1.00	0.00
12.60	9.73	2.00	0.00	1.00	0.00	12.61	9.63	2.00	0.00	1.00	0.00
12.62	9.42	2.00	0.00	1.00	0.00	12.63	9.42	2.00	0.00	1.00	0.00
12.64	9.22	2.00	0.00	1.00	0.00	12.65	9.12	2.00	0.00	1.00	0.00
12.66	8.91	2.00	0.00	1.00	0.00	12.67	8.81	2.00	0.00	1.00	0.00
12.68	8.51	2.00	0.00	1.00	0.00	12.69	8.41	2.00	0.00	1.00	0.00
12.70	8.21	2.00	0.00	1.00	0.00	12.71	7.91	2.00	0.00	1.00	0.00
12.72	7.80	2.00	0.00	1.00	0.00	12.73	7.70	2.00	0.00	1.00	0.00
12.74	7.60	2.00	0.00	1.00	0.00	12.75	7.60	2.00	0.00	1.00	0.00
12.76	7.40	2.00	0.00	1.00	0.00	12.77	7.39	2.00	0.00	1.00	0.00
12.78	7.39	2.00	0.00	1.00	0.00	12.79	7.39	2.00	0.00	1.00	0.00
12.80	7.48	2.00	0.00	1.00	0.00	12.81	7.48	2.00	0.00	1.00	0.00
12.82	7.57	2.00	0.00	1.00	0.00	12.83	7.67	2.00	0.00	1.00	0.00
12.84	7.76	2.00	0.00	1.00	0.00	12.85	7.86	2.00	0.00	1.00	0.00
12.86	8.35	2.00	0.00	1.00	0.00	12.87	8.54	2.00	0.00	1.00	0.00
12.88	8.83	2.00	0.00	1.00	0.00	12.89	9.12	2.00	0.00	1.00	0.00
12.90	9.21	2.00	0.00	1.00	0.00	12.91	9.70	2.00	0.00	1.00	0.00
12.92	9.80	2.00	0.00	1.00	0.00	12.93	9.79	2.00	0.00	1.00	0.00
12.94	9.79	2.00	0.00	1.00	0.00	12.95	9.88	2.00	0.00	1.00	0.00
12.96	9.88	2.00	0.00	1.00	0.00	12.97	9.87	2.00	0.00	1.00	0.00
12.98	9.87	2.00	0.00	1.00	0.00	12.99	10.35	2.00	0.00	1.00	0.00
13.00	10.84	2.00	0.00	1.00	0.00	13.01	11.61	2.00	0.00	1.00	0.00
13.02	12.39	2.00	0.00	1.00	0.00	13.03	12.68	2.00	0.00	1.00	0.00
13.04	13.06	2.00	0.00	1.00	0.00	13.05	13.35	2.00	0.00	1.00	0.00
13.06	13.54	2.00	0.00	1.00	0.00	13.07	13.63	2.00	0.00	1.00	0.00
13.08	13.63	2.00	0.00	1.00	0.00	13.09	13.52	2.00	0.00	1.00	0.00
13.10	13.42	2.00	0.00	1.00	0.00	13.11	13.42	2.00	0.00	1.00	0.00
13.12	13.41	2.00	0.00	1.00	0.00	13.13	13.79	2.00	0.00	1.00	0.00
13.14	13.88	2.00	0.00	1.00	0.00	13.15	13.78	2.00	0.00	1.00	0.00
13.16	13.78	2.00	0.00	1.00	0.00	13.17	13.96	2.00	0.00	1.00	0.00
13.18	13.86	2.00	0.00	1.00	0.00	13.19	13.85	2.00	0.00	1.00	0.00
13.20	13.75	2.00	0.00	1.00	0.00	13.21	13.55	2.00	0.00	1.00	0.00
13.22	13.06	2.00	0.00	1.00	0.00	13.23	12.96	2.00	0.00	1.00	0.00
13.24	12.95	2.00	0.00	1.00	0.00	13.25	12.85	2.00	0.00	1.00	0.00
13.26	12.65	2.00	0.00	1.00	0.00	13.27	12.55	2.00	0.00	1.00	0.00
13.28	12.35	2.00	0.00	1.00	0.00	13.29	12.44	2.00	0.00	1.00	0.00
13.30	12.63	2.00	0.00	1.00	0.00	13.31	12.91	2.00	0.00	1.00	0.00
13.32	13.00	2.00	0.00	1.00	0.00	13.33	13.29	2.00	0.00	1.00	0.00
13.34	13.76	2.00	0.00	1.00	0.00	13.35	14.05	2.00	0.00	1.00	0.00
13.36	14.14	2.00	0.00	1.00	0.00	13.37	14.42	2.00	0.00	1.00	0.00
13.38	14.41	2.00	0.00	1.00	0.00	13.39	14.41	2.00	0.00	1.00	0.00
13.40	14.40	2.00	0.00	1.00	0.00	13.41	14.30	2.00	0.00	1.00	0.00
13.42	14.00	2.00	0.00	1.00	0.00	13.43	13.90	2.00	0.00	1.00	0.00
13.44	13.99	2.00	0.00	1.00	0.00	13.45	13.99	2.00	0.00	1.00	0.00
13.46	14.17	2.00	0.00	1.00	0.00	13.47	14.07	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	13.97	2.00	0.00	1.00	0.00	13.49	13.77	2.00	0.00	1.00	0.00
13.50	13.57	2.00	0.00	1.00	0.00	13.51	13.09	2.00	0.00	1.00	0.00
13.52	12.89	2.00	0.00	1.00	0.00	13.53	12.69	2.00	0.00	1.00	0.00
13.54	12.50	2.00	0.00	1.00	0.00	13.55	12.11	2.00	0.00	1.00	0.00
13.56	12.01	2.00	0.00	1.00	0.00	13.57	11.81	2.00	0.00	1.00	0.00
13.58	11.61	2.00	0.00	1.00	0.00	13.59	11.32	2.00	0.00	1.00	0.00
13.60	11.03	2.00	0.00	1.00	0.00	13.61	10.84	2.00	0.00	1.00	0.00
13.62	10.74	2.00	0.00	1.00	0.00	13.63	10.54	2.00	0.00	1.00	0.00
13.64	10.44	2.00	0.00	1.00	0.00	13.65	10.53	2.00	0.00	1.00	0.00
13.66	10.53	2.00	0.00	1.00	0.00	13.67	10.52	2.00	0.00	1.00	0.00
13.68	10.80	2.00	0.00	1.00	0.00	13.69	10.89	2.00	0.00	1.00	0.00
13.70	11.08	2.00	0.00	1.00	0.00	13.71	11.17	2.00	0.00	1.00	0.00
13.72	10.98	2.00	0.00	1.00	0.00	13.73	10.78	2.00	0.00	1.00	0.00
13.74	10.59	2.00	0.00	1.00	0.00	13.75	10.68	2.00	0.00	1.00	0.00
13.76	10.67	2.00	0.00	1.00	0.00	13.77	10.67	2.00	0.00	1.00	0.00
13.78	10.66	2.00	0.00	1.00	0.00	13.79	10.75	2.00	0.00	1.00	0.00
13.80	10.94	2.00	0.00	1.00	0.00	13.81	10.94	2.00	0.00	1.00	0.00
13.82	10.93	2.00	0.00	1.00	0.00	13.83	10.83	2.00	0.00	1.00	0.00
13.84	10.92	2.00	0.00	1.00	0.00	13.85	10.92	2.00	0.00	1.00	0.00
13.86	10.63	2.00	0.00	1.00	0.00	13.87	10.44	2.00	0.00	1.00	0.00
13.88	10.06	2.00	0.00	1.00	0.00	13.89	9.96	2.00	0.00	1.00	0.00
13.90	9.86	2.00	0.00	1.00	0.00	13.91	9.76	2.00	0.00	1.00	0.00
13.92	9.76	2.00	0.00	1.00	0.00	13.93	9.66	2.00	0.00	1.00	0.00
13.94	9.65	2.00	0.00	1.00	0.00	13.95	9.56	2.00	0.00	1.00	0.00
13.96	9.46	2.00	0.00	1.00	0.00	13.97	9.46	2.00	0.00	1.00	0.00
13.98	9.45	2.00	0.00	1.00	0.00	13.99	9.35	2.00	0.00	1.00	0.00
14.00	9.35	2.00	0.00	1.00	0.00	14.01	9.35	2.00	0.00	1.00	0.00
14.02	9.34	2.00	0.00	1.00	0.00	14.03	9.34	2.00	0.00	1.00	0.00
14.04	9.34	2.00	0.00	1.00	0.00	14.05	9.33	2.00	0.00	1.00	0.00
14.06	9.23	2.00	0.00	1.00	0.00	14.07	9.04	2.00	0.00	1.00	0.00
14.08	8.95	2.00	0.00	1.00	0.00	14.09	9.04	2.00	0.00	1.00	0.00
14.10	8.85	2.00	0.00	1.00	0.00	14.11	8.66	2.00	0.00	1.00	0.00
14.12	8.65	2.00	0.00	1.00	0.00	14.13	8.46	2.00	0.00	1.00	0.00
14.14	8.37	2.00	0.00	1.00	0.00	14.15	8.36	2.00	0.00	1.00	0.00
14.16	8.45	2.00	0.00	1.00	0.00	14.17	8.45	2.00	0.00	1.00	0.00
14.18	8.35	2.00	0.00	1.00	0.00	14.19	8.44	2.00	0.00	1.00	0.00
14.20	8.44	2.00	0.00	1.00	0.00	14.21	8.72	2.00	0.00	1.00	0.00
14.22	8.81	2.00	0.00	1.00	0.00	14.23	8.89	2.00	0.00	1.00	0.00
14.24	9.08	2.00	0.00	1.00	0.00	14.25	9.07	2.00	0.00	1.00	0.00
14.26	9.07	2.00	0.00	1.00	0.00	14.27	9.07	2.00	0.00	1.00	0.00
14.28	9.06	2.00	0.00	1.00	0.00	14.29	9.25	2.00	0.00	1.00	0.00
14.30	9.24	2.00	0.00	1.00	0.00	14.31	9.24	2.00	0.00	1.00	0.00
14.32	9.42	2.00	0.00	1.00	0.00	14.33	9.42	2.00	0.00	1.00	0.00
14.34	9.41	2.00	0.00	1.00	0.00	14.35	9.23	2.00	0.00	1.00	0.00
14.36	9.22	2.00	0.00	1.00	0.00	14.37	9.13	2.00	0.00	1.00	0.00
14.38	9.21	2.00	0.00	1.00	0.00	14.39	9.21	2.00	0.00	1.00	0.00
14.40	9.21	2.00	0.00	1.00	0.00	14.41	9.11	2.00	0.00	1.00	0.00
14.42	9.02	2.00	0.00	1.00	0.00	14.43	9.01	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.01	2.00	0.00	1.00	0.00	14.45	9.01	2.00	0.00	1.00	0.00
14.46	9.19	2.00	0.00	1.00	0.00	14.47	9.18	2.00	0.00	1.00	0.00
14.48	9.27	2.00	0.00	1.00	0.00	14.49	9.45	2.00	0.00	1.00	0.00
14.50	9.63	2.00	0.00	1.00	0.00	14.51	9.72	2.00	0.00	1.00	0.00
14.52	9.90	2.00	0.00	1.00	0.00	14.53	9.99	2.00	0.00	1.00	0.00
14.54	10.17	2.00	0.00	1.00	0.00	14.55	10.35	2.00	0.00	1.00	0.00
14.56	10.44	2.00	0.00	1.00	0.00	14.57	10.62	2.00	0.00	1.00	0.00
14.58	10.71	2.00	0.00	1.00	0.00	14.59	10.89	2.00	0.00	1.00	0.00
14.60	10.98	2.00	0.00	1.00	0.00	14.61	10.97	2.00	0.00	1.00	0.00
14.62	10.87	2.00	0.00	1.00	0.00	14.63	10.96	2.00	0.00	1.00	0.00
14.64	10.96	2.00	0.00	1.00	0.00	14.65	10.86	2.00	0.00	1.00	0.00
14.66	10.86	2.00	0.00	1.00	0.00	14.67	10.95	2.00	0.00	1.00	0.00
14.68	11.12	2.00	0.00	1.00	0.00	14.69	10.94	2.00	0.00	1.00	0.00
14.70	10.93	2.00	0.00	1.00	0.00	14.71	11.39	2.00	0.00	1.00	0.00
14.72	11.47	2.00	0.00	1.00	0.00	14.73	11.47	2.00	0.00	1.00	0.00
14.74	11.74	2.00	0.00	1.00	0.00	14.75	11.92	2.00	0.00	1.00	0.00
14.76	12.10	2.00	0.00	1.00	0.00	14.77	12.18	2.00	0.00	1.00	0.00
14.78	12.36	2.00	0.00	1.00	0.00	14.79	12.63	2.00	0.00	1.00	0.00
14.80	12.81	2.00	0.00	1.00	0.00	14.81	12.90	2.00	0.00	1.00	0.00
14.82	12.98	2.00	0.00	1.00	0.00	14.83	13.07	2.00	0.00	1.00	0.00
14.84	13.34	2.00	0.00	1.00	0.00	14.85	13.51	2.00	0.00	1.00	0.00
14.86	13.60	2.00	0.00	1.00	0.00	14.87	13.69	2.00	0.00	1.00	0.00
14.88	13.77	2.00	0.00	1.00	0.00	14.89	13.77	2.00	0.00	1.00	0.00
14.90	13.67	2.00	0.00	1.00	0.00	14.91	13.57	2.00	0.00	1.00	0.00
14.92	13.48	2.00	0.00	1.00	0.00	14.93	13.38	2.00	0.00	1.00	0.00
14.94	13.38	2.00	0.00	1.00	0.00	14.95	13.46	2.00	0.00	1.00	0.00
14.96	13.55	2.00	0.00	1.00	0.00	14.97	13.54	2.00	0.00	1.00	0.00
14.98	13.54	2.00	0.00	1.00	0.00	14.99	13.44	2.00	0.00	1.00	0.00
15.00	13.62	2.00	0.00	1.00	0.00	15.01	13.52	2.00	0.00	1.00	0.00
15.02	13.61	2.00	0.00	1.00	0.00	15.03	13.60	2.00	0.00	1.00	0.00
15.04	13.50	2.00	0.00	1.00	0.00	15.05	13.23	2.00	0.00	1.00	0.00
15.06	13.13	2.00	0.00	1.00	0.00	15.07	13.12	2.00	0.00	1.00	0.00
15.08	13.21	2.00	0.00	1.00	0.00	15.09	13.30	2.00	0.00	1.00	0.00
15.10	13.20	2.00	0.00	1.00	0.00	15.11	13.19	2.00	0.00	1.00	0.00
15.12	13.28	2.00	0.00	1.00	0.00	15.13	13.73	2.00	0.00	1.00	0.00
15.14	13.90	2.00	0.00	1.00	0.00	15.15	13.99	2.00	0.00	1.00	0.00
15.16	13.98	2.00	0.00	1.00	0.00	15.17	13.98	2.00	0.00	1.00	0.00
15.18	14.42	2.00	0.00	1.00	0.00	15.19	14.60	2.00	0.00	1.00	0.00
15.20	14.59	2.00	0.00	1.00	0.00	15.21	14.50	2.00	0.00	1.00	0.00
15.22	14.40	2.00	0.00	1.00	0.00	15.23	14.21	2.00	0.00	1.00	0.00
15.24	14.30	2.00	0.00	1.00	0.00	15.25	14.47	2.00	0.00	1.00	0.00
15.26	14.65	2.00	0.00	1.00	0.00	15.27	14.55	2.00	0.00	1.00	0.00
15.28	14.45	2.00	0.00	1.00	0.00	15.29	14.00	2.00	0.00	1.00	0.00
15.30	14.08	2.00	0.00	1.00	0.00	15.31	13.90	2.00	0.00	1.00	0.00
15.32	13.89	2.00	0.00	1.00	0.00	15.33	13.89	2.00	0.00	1.00	0.00
15.34	13.88	2.00	0.00	1.00	0.00	15.35	13.96	2.00	0.00	1.00	0.00
15.36	14.23	2.00	0.00	1.00	0.00	15.37	14.49	2.00	0.00	1.00	0.00
15.38	14.76	2.00	0.00	1.00	0.00	15.39	14.93	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

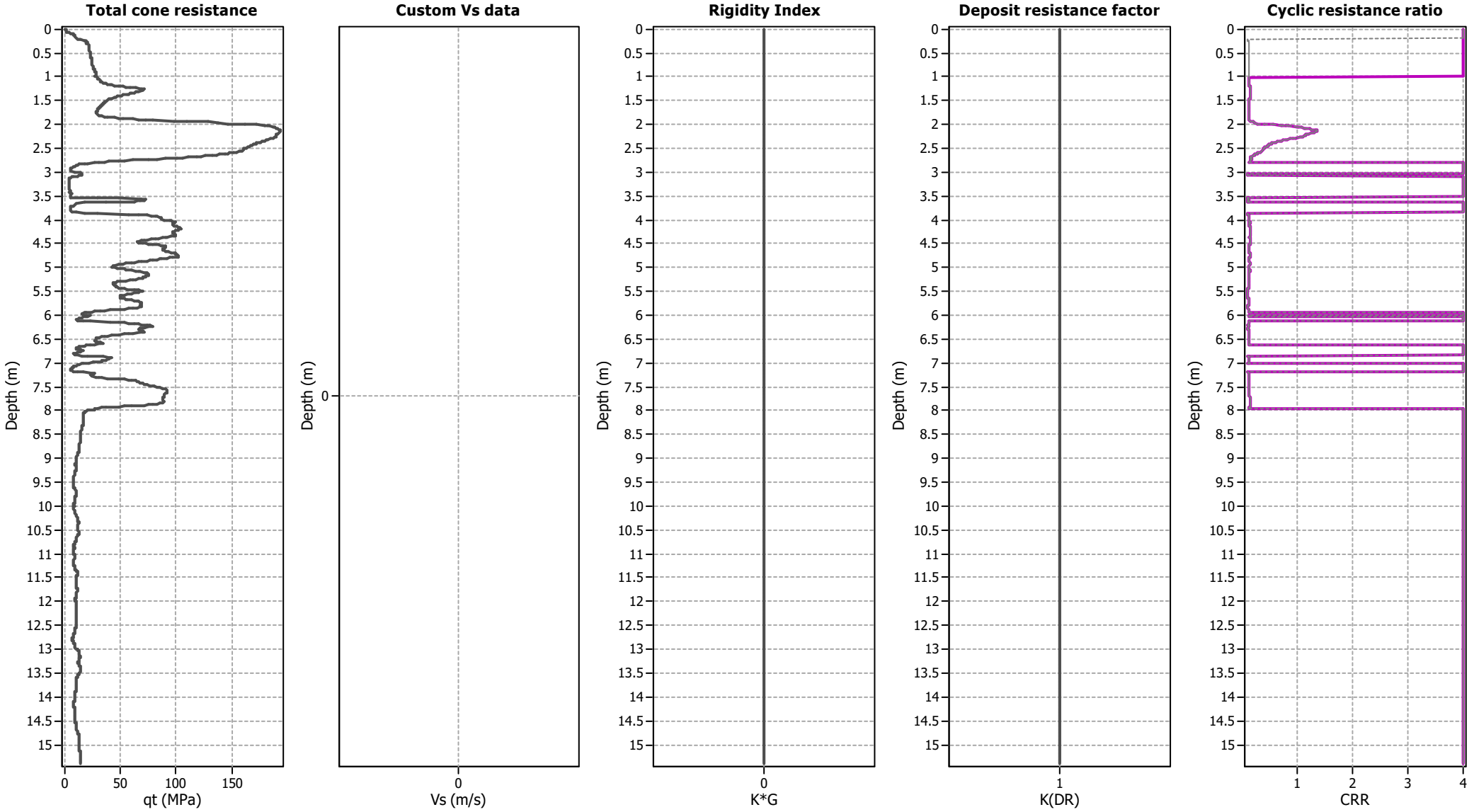
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	14.83	2.00	0.00	1.00	0.00						

Total estimated settlement: 17.70

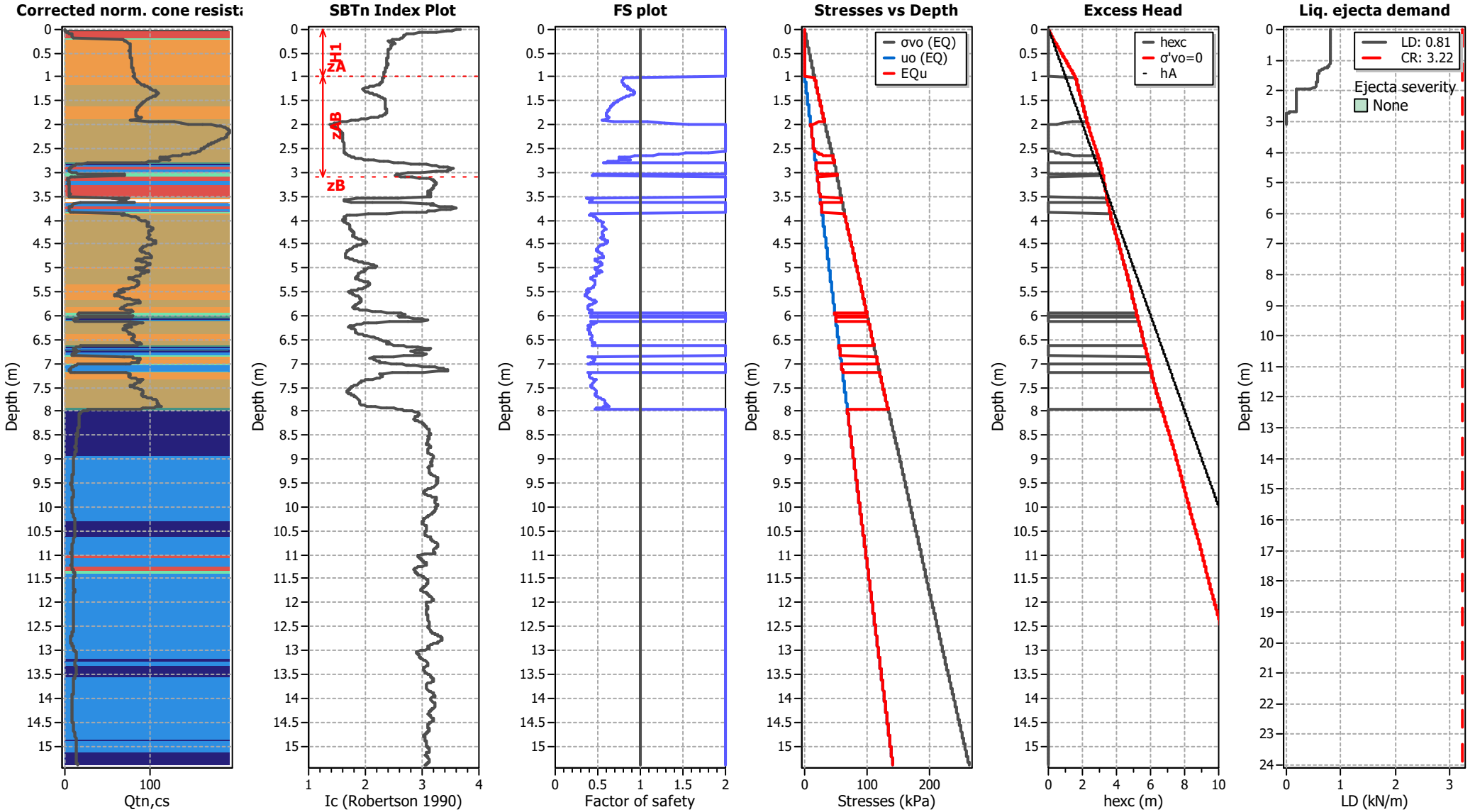
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



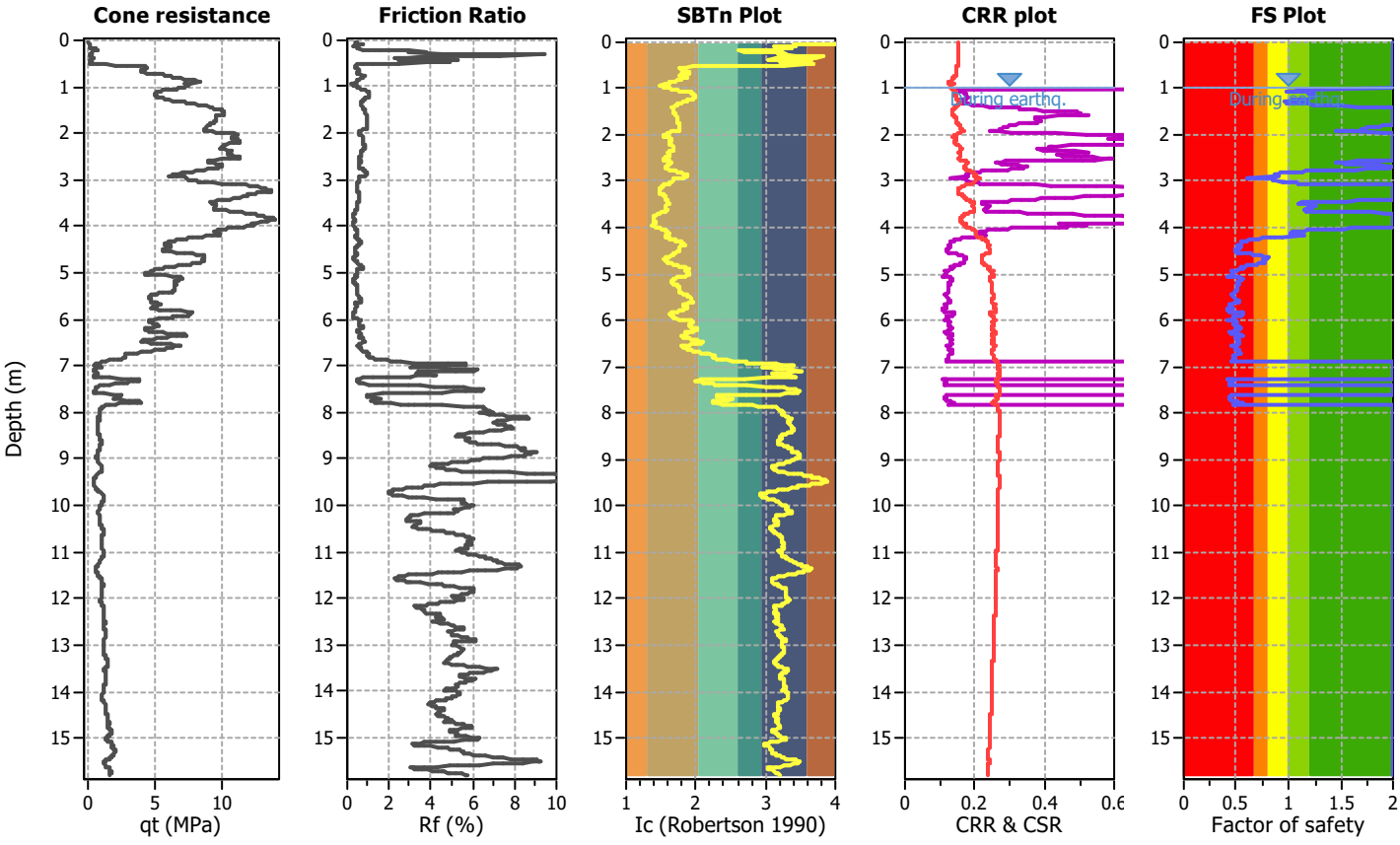
LIQUEFACTION ANALYSIS REPORT

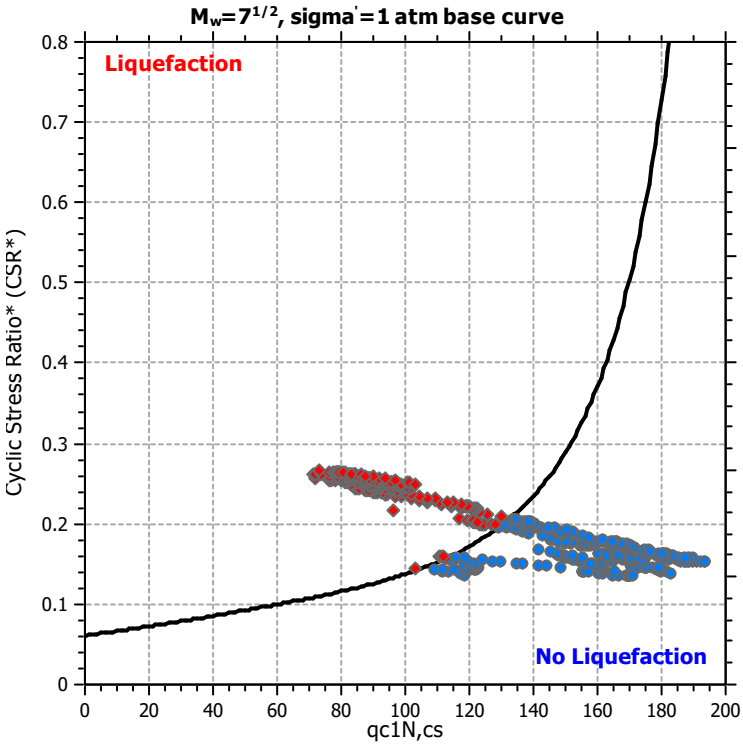
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

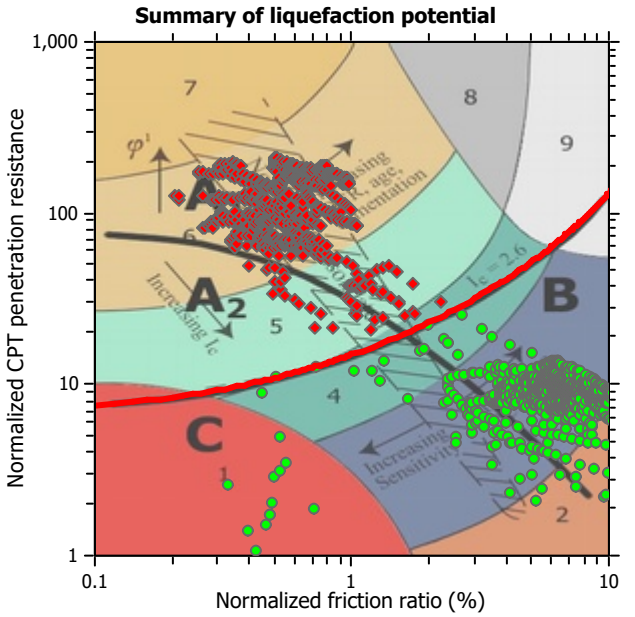
CPT file : 040008P1018CPTU1019

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

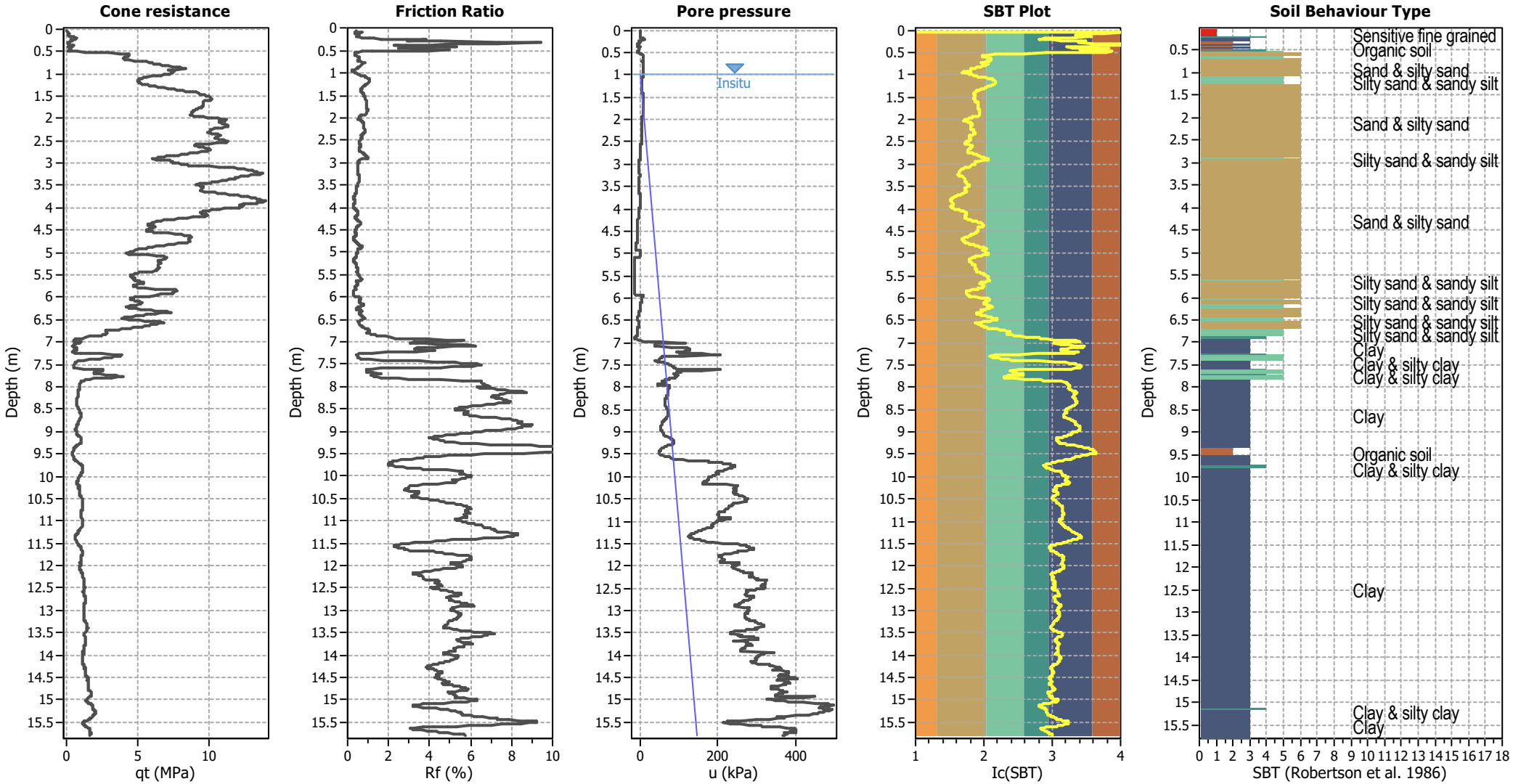






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



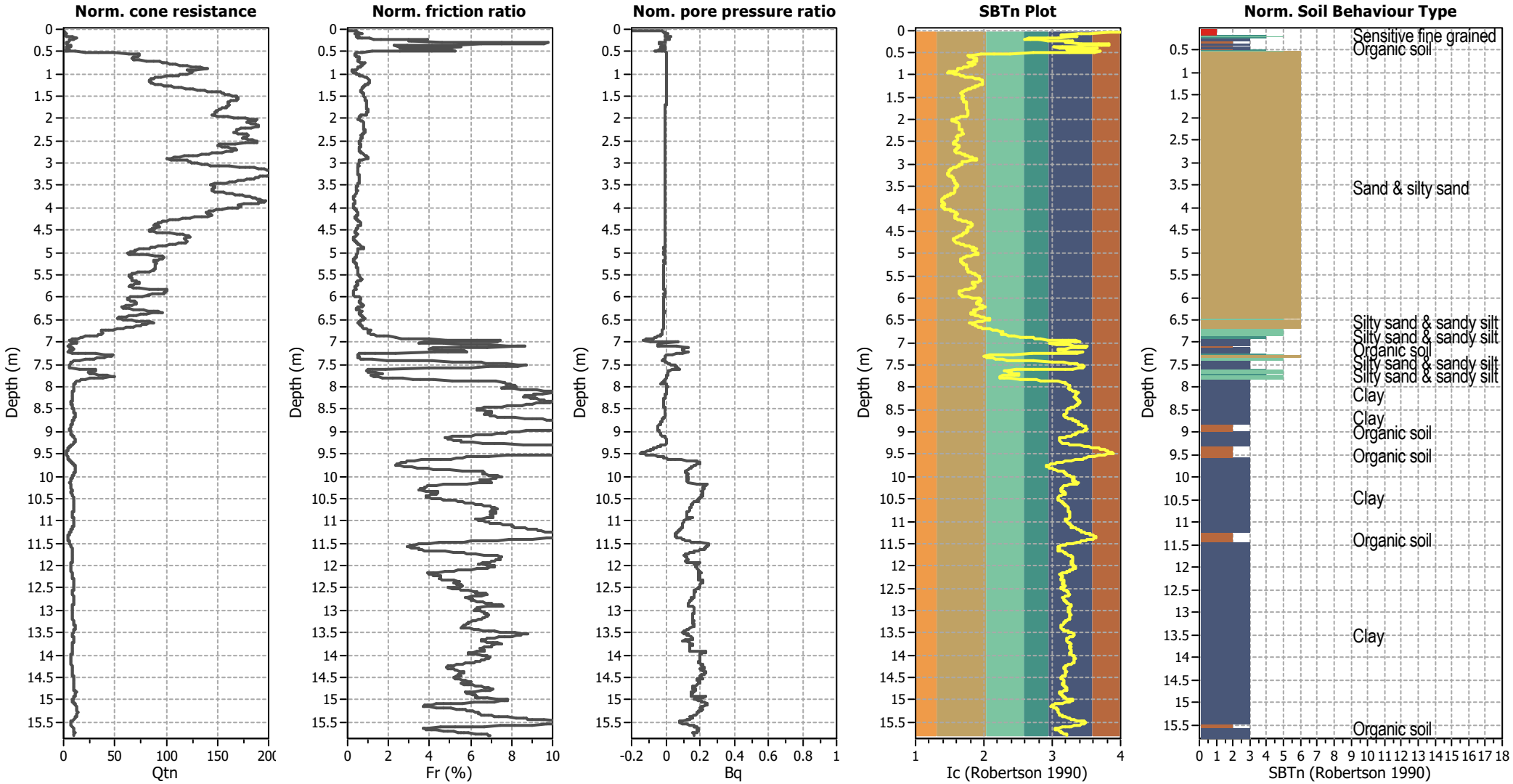
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



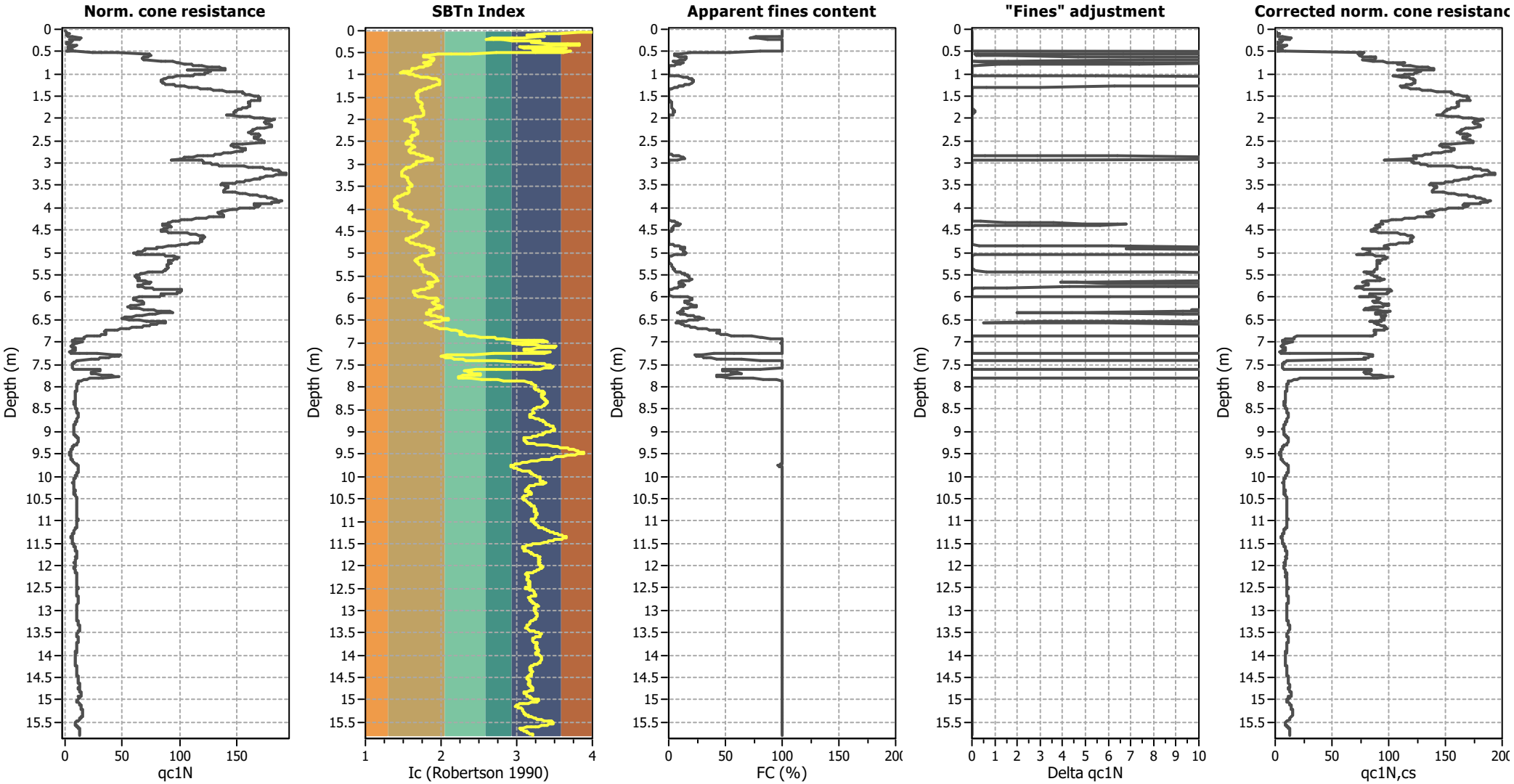
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

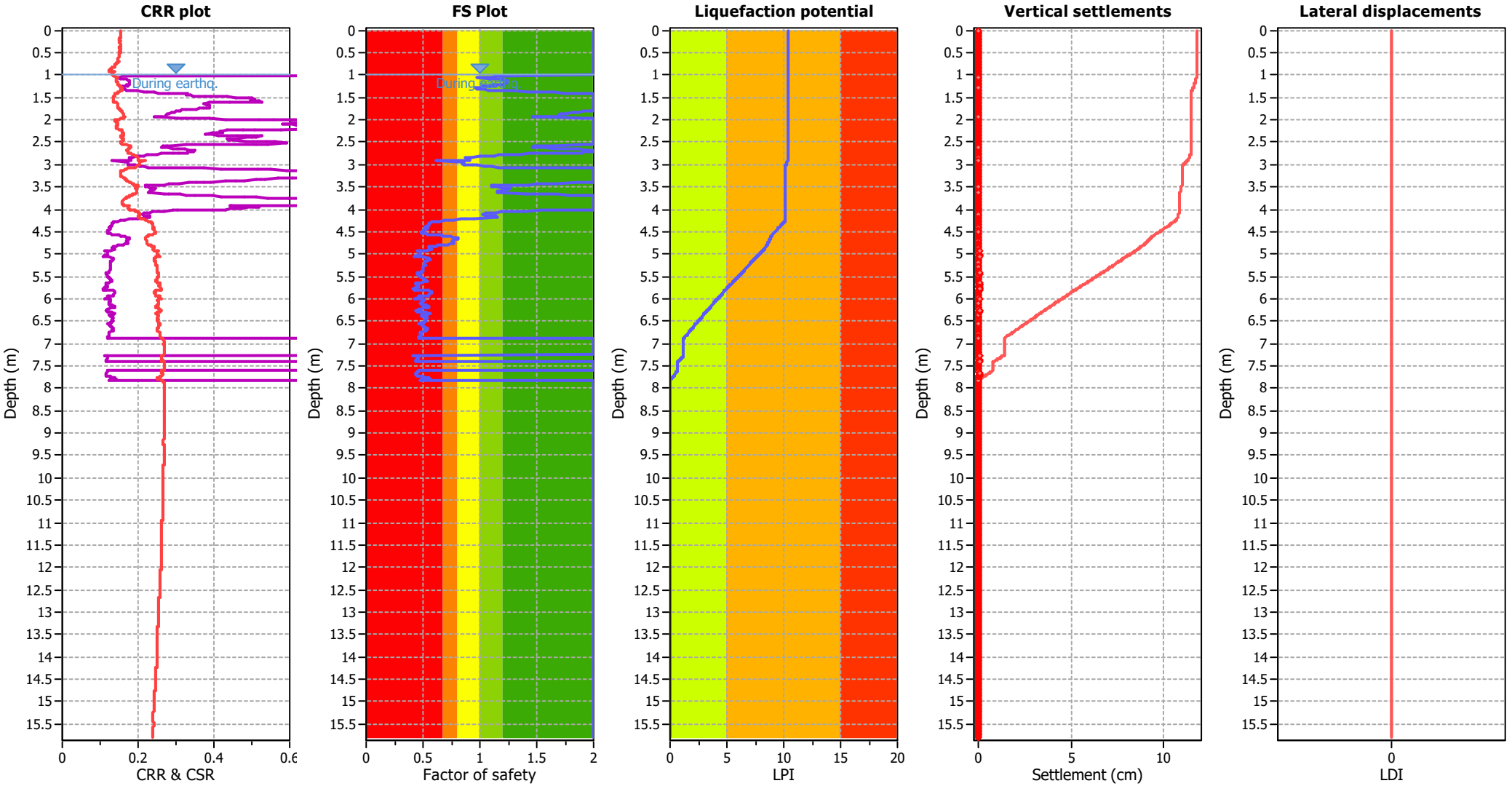
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

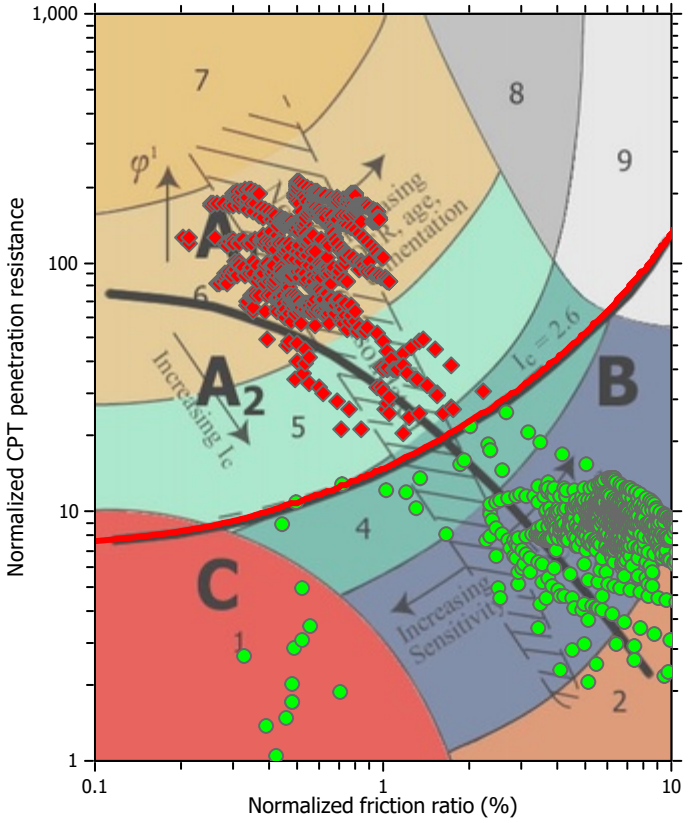
F.S. color scheme

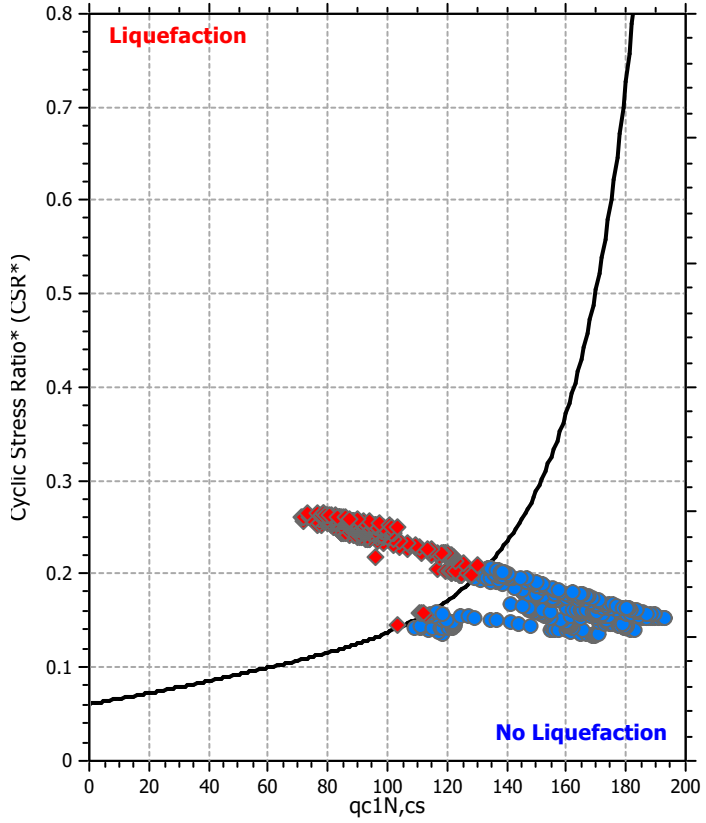
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

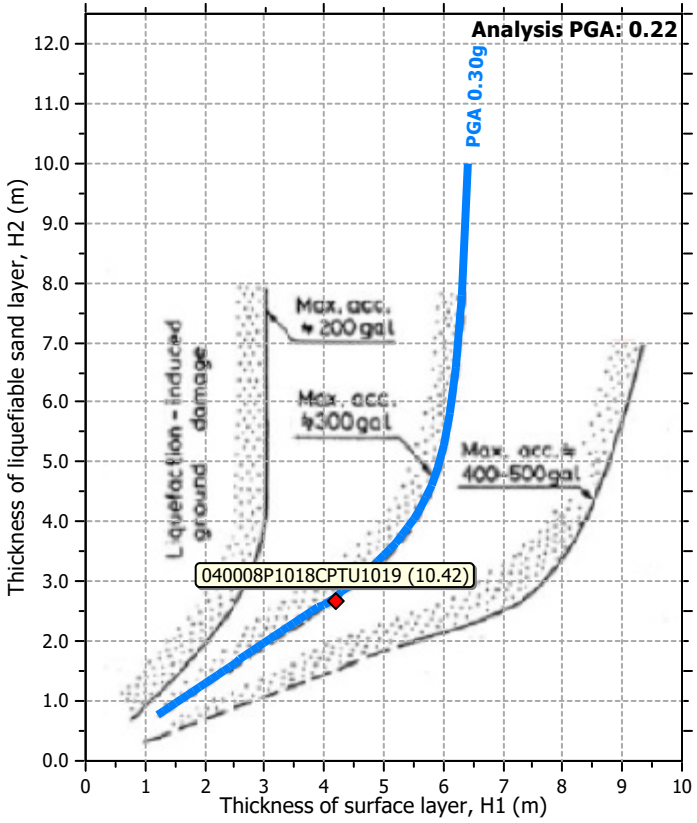
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



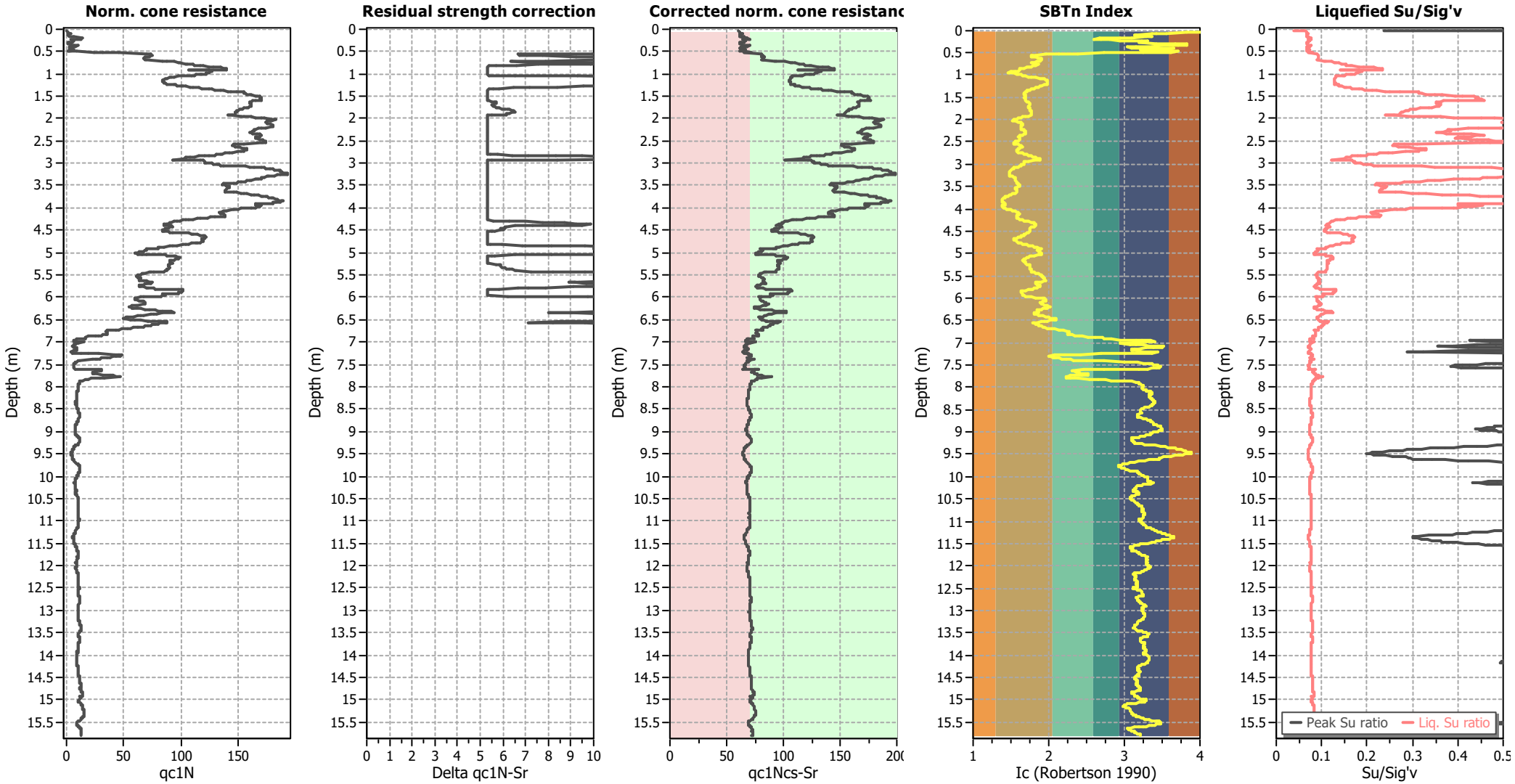




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.25	0.00	0.00	0.01	0.00	1.02	1.22	0.00	0.00	0.01	0.00
1.03	1.15	0.00	0.00	0.01	0.00	1.04	1.10	0.00	0.00	0.01	0.00
1.05	1.06	0.00	0.00	0.01	0.00	1.06	0.98	0.00	0.00	0.01	0.00
1.07	1.08	0.00	0.00	0.01	0.00	1.08	1.14	0.00	0.00	0.01	0.00
1.09	1.18	0.00	0.00	0.01	0.00	1.10	1.19	0.00	0.00	0.01	0.00
1.11	1.22	0.00	0.00	0.01	0.00	1.12	1.24	0.00	0.00	0.01	0.00
1.13	1.23	0.00	0.00	0.01	0.00	1.14	1.24	0.00	0.00	0.01	0.00
1.15	1.23	0.00	0.00	0.01	0.00	1.16	1.23	0.00	0.00	0.01	0.00
1.17	1.22	0.00	0.00	0.01	0.00	1.18	1.23	0.00	0.00	0.01	0.00
1.19	1.22	0.00	0.00	0.01	0.00	1.20	1.21	0.00	0.00	0.01	0.00
1.21	1.20	0.00	0.00	0.01	0.00	1.22	1.18	0.00	0.00	0.01	0.00
1.23	1.12	0.00	0.00	0.01	0.00	1.24	1.14	0.00	0.00	0.01	0.00
1.25	1.06	0.00	0.00	0.01	0.00	1.26	1.03	0.00	0.00	0.01	0.00
1.27	1.03	0.00	0.00	0.01	0.00	1.28	1.00	0.00	0.00	0.01	0.00
1.29	0.97	0.00	0.00	0.01	0.00	1.30	0.98	0.00	0.00	0.01	0.00
1.31	0.98	0.00	0.00	0.01	0.00	1.32	1.04	0.00	0.00	0.01	0.00
1.33	1.08	0.00	0.00	0.01	0.00	1.34	1.18	0.00	0.00	0.01	0.00
1.35	1.24	0.00	0.00	0.01	0.00	1.36	1.29	0.00	0.00	0.01	0.00
1.37	1.43	0.00	0.00	0.01	0.00	1.38	1.49	0.00	0.00	0.01	0.00
1.39	1.65	0.00	0.00	0.01	0.00	1.40	1.74	0.00	0.00	0.01	0.00
1.41	1.95	0.00	0.00	0.01	0.00	1.42	2.00	0.00	0.00	0.01	0.00
1.43	2.00	0.00	0.00	0.01	0.00	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	2.00	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	2.00	0.00	0.00	0.01	0.00
1.57	2.00	0.00	0.00	0.01	0.00	1.58	2.00	0.00	0.00	0.01	0.00
1.59	2.00	0.00	0.00	0.01	0.00	1.60	2.00	0.00	0.00	0.01	0.00
1.61	2.00	0.00	0.00	0.01	0.00	1.62	2.00	0.00	0.00	0.01	0.00
1.63	2.00	0.00	0.00	0.01	0.00	1.64	2.00	0.00	0.00	0.01	0.00
1.65	2.00	0.00	0.00	0.01	0.00	1.66	2.00	0.00	0.00	0.01	0.00
1.67	2.00	0.00	0.00	0.01	0.00	1.68	2.00	0.00	0.00	0.01	0.00
1.69	2.00	0.00	0.00	0.01	0.00	1.70	2.00	0.00	0.00	0.01	0.00
1.71	2.00	0.00	0.00	0.01	0.00	1.72	2.00	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	2.00	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	2.00	0.00	0.00	0.01	0.00	1.80	1.98	0.00	0.00	0.01	0.00
1.81	1.91	0.00	0.00	0.01	0.00	1.82	1.87	0.00	0.00	0.01	0.00
1.83	1.84	0.00	0.00	0.01	0.00	1.84	1.81	0.00	0.00	0.01	0.00
1.85	1.76	0.00	0.00	0.01	0.00	1.86	1.74	0.00	0.00	0.01	0.00
1.87	1.73	0.00	0.00	0.01	0.00	1.88	1.71	0.00	0.00	0.01	0.00
1.89	1.69	0.00	0.00	0.01	0.00	1.90	1.69	0.00	0.00	0.01	0.00
1.91	1.69	0.00	0.00	0.01	0.00	1.92	1.68	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.46	0.00	0.00	0.01	0.00	1.94	1.60	0.00	0.00	0.01	0.00
1.95	1.91	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	2.00	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	1.92	0.00	0.00	0.01	0.00
2.57	1.65	0.00	0.00	0.01	0.00	2.58	1.56	0.00	0.00	0.01	0.00
2.59	1.48	0.00	0.00	0.01	0.00	2.60	1.46	0.00	0.00	0.01	0.00
2.61	1.47	0.00	0.00	0.01	0.00	2.62	1.50	0.00	0.00	0.01	0.00
2.63	1.55	0.00	0.00	0.01	0.00	2.64	1.67	0.00	0.00	0.01	0.00
2.65	1.74	0.00	0.00	0.01	0.00	2.66	1.87	0.00	0.00	0.01	0.00
2.67	1.93	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	1.97	0.00	0.00	0.01	0.00	2.72	1.91	0.00	0.00	0.01	0.00
2.73	1.90	0.00	0.00	0.01	0.00	2.74	1.75	0.00	0.00	0.01	0.00
2.75	1.65	0.00	0.00	0.01	0.00	2.76	1.44	0.00	0.00	0.01	0.00
2.77	1.35	0.00	0.00	0.01	0.00	2.78	1.22	0.00	0.00	0.01	0.00
2.79	1.17	0.00	0.00	0.01	0.00	2.80	1.12	0.00	0.00	0.01	0.00
2.81	1.05	0.00	0.00	0.01	0.00	2.82	1.00	0.00	0.00	0.01	0.00
2.83	0.92	0.00	0.00	0.01	0.01	2.84	0.91	0.00	0.00	0.01	0.01
2.85	0.87	0.00	0.00	0.01	0.01	2.86	0.89	0.00	0.00	0.01	0.01
2.87	0.91	0.00	0.00	0.01	0.01	2.88	0.90	0.00	0.00	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.91	0.00	0.00	0.01	0.01	2.90	0.91	0.00	0.00	0.01	0.01
2.91	0.87	0.00	0.00	0.01	0.01	2.92	0.61	0.00	0.00	0.01	0.03
2.93	0.80	0.00	0.00	0.01	0.02	2.94	0.83	0.00	0.00	0.01	0.01
2.95	0.85	0.00	0.00	0.01	0.01	2.96	0.86	0.00	0.00	0.01	0.01
2.97	0.86	0.00	0.00	0.01	0.01	2.98	0.85	0.00	0.00	0.01	0.01
2.99	0.86	0.00	0.00	0.01	0.01	3.00	0.87	0.00	0.00	0.01	0.01
3.01	0.94	0.00	0.00	0.01	0.01	3.02	0.97	0.00	0.00	0.01	0.00
3.03	1.04	0.00	0.00	0.01	0.00	3.04	1.07	0.00	0.00	0.01	0.00
3.05	1.10	0.00	0.00	0.01	0.00	3.06	1.17	0.00	0.00	0.01	0.00
3.07	1.91	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	1.98	0.00	0.00	0.01	0.00
3.41	1.85	0.00	0.00	0.01	0.00	3.42	1.67	0.00	0.00	0.01	0.00
3.43	1.57	0.00	0.00	0.01	0.00	3.44	1.49	0.00	0.00	0.01	0.00
3.45	1.42	0.00	0.00	0.01	0.00	3.46	1.13	0.00	0.00	0.01	0.00
3.47	1.10	0.00	0.00	0.01	0.00	3.48	1.10	0.00	0.00	0.01	0.00
3.49	1.11	0.00	0.00	0.01	0.00	3.50	1.15	0.00	0.00	0.01	0.00
3.51	1.19	0.00	0.00	0.01	0.00	3.52	1.23	0.00	0.00	0.01	0.00
3.53	1.27	0.00	0.00	0.01	0.00	3.54	1.26	0.00	0.00	0.01	0.00
3.55	1.24	0.00	0.00	0.01	0.00	3.56	1.22	0.00	0.00	0.01	0.00
3.57	1.21	0.00	0.00	0.01	0.00	3.58	1.20	0.00	0.00	0.01	0.00
3.59	1.19	0.00	0.00	0.01	0.00	3.60	1.16	0.00	0.00	0.01	0.00
3.61	1.16	0.00	0.00	0.01	0.00	3.62	1.15	0.00	0.00	0.01	0.00
3.63	1.15	0.00	0.00	0.01	0.00	3.64	1.16	0.00	0.00	0.01	0.00
3.65	1.41	0.00	0.00	0.01	0.00	3.66	1.49	0.00	0.00	0.01	0.00
3.67	1.67	0.00	0.00	0.01	0.00	3.68	1.79	0.00	0.00	0.01	0.00
3.69	1.92	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	2.00	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	1.61	0.00	0.00	0.01	0.00
4.03	1.54	0.00	0.00	0.01	0.00	4.04	1.40	0.00	0.00	0.01	0.00
4.05	1.33	0.00	0.00	0.01	0.00	4.06	1.19	0.00	0.00	0.01	0.00
4.07	1.14	0.00	0.00	0.01	0.00	4.08	1.10	0.00	0.00	0.01	0.00
4.09	1.05	0.00	0.00	0.01	0.00	4.10	1.04	0.00	0.00	0.01	0.00
4.11	1.03	0.00	0.00	0.01	0.00	4.12	1.04	0.00	0.00	0.01	0.00
4.13	1.05	0.00	0.00	0.01	0.00	4.14	1.10	0.00	0.00	0.01	0.00
4.15	1.12	0.00	0.00	0.01	0.00	4.16	1.14	0.00	0.00	0.01	0.00
4.17	1.15	0.00	0.00	0.01	0.00	4.18	1.15	0.00	0.00	0.01	0.00
4.19	1.14	0.00	0.00	0.01	0.00	4.20	0.95	0.00	0.00	0.01	0.00
4.21	0.87	0.00	0.00	0.01	0.01	4.22	0.83	0.00	0.00	0.01	0.01
4.23	0.76	0.00	0.00	0.01	0.02	4.24	0.73	0.00	0.00	0.01	0.02
4.25	0.69	0.00	0.00	0.01	0.02	4.26	0.65	0.35	0.74	0.01	0.03
4.27	0.62	0.38	0.68	0.01	0.03	4.28	0.61	0.39	0.65	0.01	0.03
4.29	0.58	0.42	0.60	0.01	0.03	4.30	0.57	0.43	0.57	0.01	0.03
4.31	0.55	0.45	0.54	0.01	0.04	4.32	0.55	0.45	0.54	0.01	0.04
4.33	0.55	0.45	0.54	0.01	0.04	4.34	0.55	0.45	0.54	0.01	0.04
4.35	0.55	0.45	0.54	0.01	0.04	4.36	0.55	0.45	0.54	0.01	0.04
4.37	0.54	0.46	0.53	0.01	0.04	4.38	0.53	0.47	0.51	0.01	0.04
4.39	0.51	0.49	0.50	0.01	0.04	4.40	0.52	0.48	0.51	0.01	0.04
4.41	0.53	0.47	0.52	0.01	0.04	4.42	0.54	0.46	0.53	0.01	0.04
4.43	0.54	0.46	0.53	0.01	0.04	4.44	0.53	0.47	0.51	0.01	0.04
4.45	0.52	0.48	0.50	0.01	0.04	4.46	0.51	0.49	0.49	0.01	0.04
4.47	0.50	0.50	0.48	0.01	0.04	4.48	0.50	0.50	0.47	0.01	0.04
4.49	0.49	0.51	0.47	0.01	0.04	4.50	0.49	0.51	0.47	0.01	0.04
4.51	0.49	0.51	0.47	0.01	0.04	4.52	0.49	0.51	0.47	0.01	0.04
4.53	0.50	0.50	0.48	0.01	0.04	4.54	0.51	0.49	0.50	0.01	0.04
4.55	0.52	0.48	0.51	0.01	0.04	4.56	0.54	0.46	0.53	0.01	0.04
4.57	0.64	0.36	0.72	0.01	0.03	4.58	0.66	0.00	0.00	0.01	0.03
4.59	0.67	0.00	0.00	0.01	0.03	4.60	0.71	0.00	0.00	0.01	0.02
4.61	0.74	0.00	0.00	0.01	0.02	4.62	0.77	0.00	0.00	0.01	0.02
4.63	0.79	0.00	0.00	0.01	0.02	4.64	0.81	0.00	0.00	0.01	0.01
4.65	0.81	0.00	0.00	0.01	0.01	4.66	0.80	0.00	0.00	0.01	0.02
4.67	0.79	0.00	0.00	0.01	0.02	4.68	0.79	0.00	0.00	0.01	0.02
4.69	0.77	0.00	0.00	0.01	0.02	4.70	0.76	0.00	0.00	0.01	0.02
4.71	0.76	0.00	0.00	0.01	0.02	4.72	0.76	0.00	0.00	0.01	0.02
4.73	0.77	0.00	0.00	0.01	0.02	4.74	0.78	0.00	0.00	0.01	0.02
4.75	0.77	0.00	0.00	0.01	0.02	4.76	0.76	0.00	0.00	0.01	0.02
4.77	0.75	0.00	0.00	0.01	0.02	4.78	0.71	0.00	0.00	0.01	0.02
4.79	0.69	0.00	0.00	0.01	0.02	4.80	0.65	0.00	0.00	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.63	0.37	0.70	0.01	0.03	4.82	0.61	0.39	0.65	0.01	0.03
4.83	0.59	0.41	0.61	0.01	0.03	4.84	0.55	0.45	0.55	0.01	0.03
4.85	0.55	0.45	0.54	0.01	0.03	4.86	0.55	0.45	0.55	0.01	0.03
4.87	0.55	0.45	0.55	0.01	0.03	4.88	0.57	0.43	0.57	0.01	0.03
4.89	0.57	0.43	0.57	0.01	0.03	4.90	0.57	0.43	0.58	0.01	0.03
4.91	0.53	0.47	0.51	0.01	0.04	4.92	0.52	0.48	0.50	0.01	0.04
4.93	0.45	0.55	0.42	0.01	0.04	4.94	0.48	0.52	0.45	0.01	0.04
4.95	0.48	0.52	0.45	0.01	0.04	4.96	0.48	0.52	0.45	0.01	0.04
4.97	0.47	0.53	0.45	0.01	0.04	4.98	0.48	0.52	0.46	0.01	0.04
4.99	0.47	0.53	0.45	0.01	0.04	5.00	0.48	0.52	0.45	0.01	0.04
5.01	0.47	0.53	0.44	0.01	0.04	5.02	0.46	0.54	0.44	0.01	0.04
5.03	0.45	0.55	0.43	0.01	0.04	5.04	0.45	0.55	0.42	0.01	0.04
5.05	0.42	0.58	0.40	0.01	0.04	5.06	0.49	0.51	0.47	0.01	0.04
5.07	0.50	0.50	0.48	0.01	0.04	5.08	0.53	0.47	0.52	0.01	0.03
5.09	0.55	0.45	0.54	0.01	0.03	5.10	0.56	0.44	0.55	0.01	0.03
5.11	0.56	0.44	0.56	0.01	0.03	5.12	0.56	0.44	0.56	0.01	0.03
5.13	0.56	0.44	0.55	0.01	0.03	5.14	0.54	0.46	0.54	0.01	0.03
5.15	0.54	0.46	0.53	0.01	0.03	5.16	0.53	0.47	0.52	0.01	0.03
5.17	0.52	0.48	0.50	0.01	0.04	5.18	0.51	0.49	0.49	0.01	0.04
5.19	0.51	0.49	0.49	0.01	0.04	5.20	0.51	0.49	0.49	0.01	0.04
5.21	0.51	0.49	0.49	0.01	0.04	5.22	0.51	0.49	0.49	0.01	0.04
5.23	0.52	0.48	0.50	0.01	0.04	5.24	0.52	0.48	0.50	0.01	0.04
5.25	0.51	0.49	0.49	0.01	0.04	5.26	0.51	0.49	0.49	0.01	0.04
5.27	0.50	0.50	0.48	0.01	0.04	5.28	0.50	0.50	0.48	0.01	0.04
5.29	0.50	0.50	0.48	0.01	0.04	5.30	0.50	0.50	0.48	0.01	0.04
5.31	0.50	0.50	0.48	0.01	0.04	5.32	0.50	0.50	0.48	0.01	0.04
5.33	0.51	0.49	0.49	0.01	0.04	5.34	0.51	0.49	0.49	0.01	0.04
5.35	0.50	0.50	0.48	0.01	0.04	5.36	0.50	0.50	0.48	0.01	0.04
5.37	0.50	0.50	0.48	0.01	0.04	5.38	0.50	0.50	0.47	0.01	0.04
5.39	0.49	0.51	0.47	0.01	0.04	5.40	0.49	0.51	0.47	0.01	0.04
5.41	0.49	0.51	0.47	0.01	0.04	5.42	0.49	0.51	0.46	0.01	0.04
5.43	0.45	0.55	0.43	0.01	0.04	5.44	0.45	0.55	0.43	0.01	0.04
5.45	0.46	0.54	0.44	0.01	0.04	5.46	0.46	0.54	0.43	0.01	0.04
5.47	0.47	0.53	0.44	0.01	0.04	5.48	0.47	0.53	0.44	0.01	0.04
5.49	0.47	0.53	0.45	0.01	0.04	5.50	0.48	0.52	0.45	0.01	0.04
5.51	0.48	0.52	0.46	0.01	0.04	5.52	0.49	0.51	0.47	0.01	0.04
5.53	0.49	0.51	0.47	0.01	0.04	5.54	0.50	0.50	0.48	0.01	0.04
5.55	0.50	0.50	0.48	0.01	0.04	5.56	0.51	0.49	0.49	0.01	0.04
5.57	0.51	0.49	0.50	0.01	0.04	5.58	0.52	0.48	0.50	0.01	0.03
5.59	0.52	0.48	0.51	0.01	0.03	5.60	0.53	0.47	0.51	0.01	0.03
5.61	0.54	0.46	0.52	0.01	0.03	5.62	0.51	0.49	0.50	0.01	0.03
5.63	0.49	0.51	0.47	0.01	0.04	5.64	0.46	0.54	0.43	0.01	0.04
5.65	0.44	0.56	0.42	0.01	0.04	5.66	0.44	0.56	0.42	0.01	0.04
5.67	0.45	0.55	0.43	0.01	0.04	5.68	0.45	0.55	0.43	0.01	0.04
5.69	0.46	0.54	0.43	0.01	0.04	5.70	0.45	0.55	0.43	0.01	0.04
5.71	0.46	0.54	0.44	0.01	0.04	5.72	0.46	0.54	0.44	0.01	0.04
5.73	0.46	0.54	0.44	0.01	0.04	5.74	0.45	0.55	0.43	0.01	0.04
5.75	0.44	0.56	0.42	0.01	0.04	5.76	0.42	0.58	0.40	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.42	0.58	0.40	0.01	0.04	5.78	0.41	0.59	0.40	0.01	0.04
5.79	0.42	0.58	0.40	0.01	0.04	5.80	0.43	0.57	0.41	0.01	0.04
5.81	0.44	0.56	0.42	0.01	0.04	5.82	0.55	0.45	0.54	0.01	0.03
5.83	0.56	0.44	0.56	0.01	0.03	5.84	0.57	0.43	0.58	0.01	0.03
5.85	0.57	0.43	0.58	0.01	0.03	5.86	0.57	0.43	0.58	0.01	0.03
5.87	0.57	0.43	0.57	0.01	0.03	5.88	0.56	0.44	0.56	0.01	0.03
5.89	0.55	0.45	0.54	0.01	0.03	5.90	0.55	0.45	0.54	0.01	0.03
5.91	0.55	0.45	0.54	0.01	0.03	5.92	0.55	0.45	0.54	0.01	0.03
5.93	0.47	0.53	0.44	0.01	0.04	5.94	0.47	0.53	0.44	0.01	0.04
5.95	0.48	0.52	0.45	0.01	0.04	5.96	0.47	0.53	0.45	0.01	0.04
5.97	0.47	0.53	0.45	0.01	0.04	5.98	0.46	0.54	0.44	0.01	0.04
5.99	0.42	0.58	0.40	0.01	0.04	6.00	0.49	0.51	0.47	0.01	0.04
6.01	0.49	0.51	0.47	0.01	0.04	6.02	0.51	0.49	0.49	0.01	0.03
6.03	0.51	0.49	0.49	0.01	0.03	6.04	0.50	0.50	0.48	0.01	0.03
6.05	0.50	0.50	0.48	0.01	0.03	6.06	0.50	0.50	0.47	0.01	0.04
6.07	0.50	0.50	0.47	0.01	0.04	6.08	0.49	0.51	0.46	0.01	0.04
6.09	0.48	0.52	0.46	0.01	0.04	6.10	0.48	0.52	0.45	0.01	0.04
6.11	0.48	0.52	0.46	0.01	0.04	6.12	0.49	0.51	0.47	0.01	0.04
6.13	0.51	0.49	0.49	0.01	0.03	6.14	0.52	0.48	0.50	0.01	0.03
6.15	0.53	0.47	0.52	0.01	0.03	6.16	0.55	0.45	0.55	0.01	0.03
6.17	0.54	0.46	0.54	0.01	0.03	6.18	0.55	0.45	0.55	0.01	0.03
6.19	0.53	0.47	0.52	0.01	0.03	6.20	0.52	0.48	0.50	0.01	0.03
6.21	0.50	0.50	0.48	0.01	0.03	6.22	0.48	0.52	0.46	0.01	0.04
6.23	0.47	0.53	0.45	0.01	0.04	6.24	0.46	0.54	0.43	0.01	0.04
6.25	0.44	0.56	0.42	0.01	0.04	6.26	0.45	0.55	0.42	0.01	0.04
6.27	0.44	0.56	0.42	0.01	0.04	6.28	0.45	0.55	0.43	0.01	0.04
6.29	0.49	0.51	0.47	0.01	0.03	6.30	0.52	0.48	0.50	0.01	0.03
6.31	0.53	0.47	0.52	0.01	0.03	6.32	0.56	0.44	0.56	0.01	0.03
6.33	0.54	0.46	0.53	0.01	0.03	6.34	0.53	0.47	0.52	0.01	0.03
6.35	0.53	0.47	0.52	0.01	0.03	6.36	0.49	0.51	0.46	0.01	0.03
6.37	0.49	0.51	0.46	0.01	0.03	6.38	0.49	0.51	0.47	0.01	0.03
6.39	0.51	0.49	0.49	0.01	0.03	6.40	0.52	0.48	0.50	0.01	0.03
6.41	0.53	0.47	0.52	0.01	0.03	6.42	0.53	0.47	0.52	0.01	0.03
6.43	0.53	0.47	0.52	0.01	0.03	6.44	0.51	0.49	0.49	0.01	0.03
6.45	0.52	0.48	0.50	0.01	0.03	6.46	0.52	0.48	0.50	0.01	0.03
6.47	0.52	0.48	0.51	0.01	0.03	6.48	0.53	0.47	0.51	0.01	0.03
6.49	0.52	0.48	0.51	0.01	0.03	6.50	0.53	0.47	0.52	0.01	0.03
6.51	0.52	0.48	0.50	0.01	0.03	6.52	0.50	0.50	0.48	0.01	0.03
6.53	0.51	0.49	0.49	0.01	0.03	6.54	0.46	0.54	0.44	0.01	0.04
6.55	0.50	0.50	0.48	0.01	0.03	6.56	0.49	0.51	0.46	0.01	0.03
6.57	0.49	0.51	0.47	0.01	0.03	6.58	0.48	0.52	0.46	0.01	0.03
6.59	0.49	0.51	0.47	0.01	0.03	6.60	0.50	0.50	0.47	0.01	0.03
6.61	0.49	0.51	0.47	0.01	0.03	6.62	0.50	0.50	0.48	0.01	0.03
6.63	0.51	0.49	0.49	0.01	0.03	6.64	0.52	0.48	0.50	0.01	0.03
6.65	0.53	0.47	0.52	0.01	0.03	6.66	0.54	0.46	0.53	0.01	0.03
6.67	0.52	0.48	0.51	0.01	0.03	6.68	0.53	0.47	0.52	0.01	0.03
6.69	0.53	0.47	0.52	0.01	0.03	6.70	0.54	0.46	0.53	0.01	0.03
6.71	0.53	0.47	0.51	0.01	0.03	6.72	0.53	0.47	0.51	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.53	0.47	0.51	0.01	0.03	6.74	0.48	0.52	0.46	0.01	0.03
6.75	0.48	0.52	0.46	0.01	0.03	6.76	0.48	0.52	0.46	0.01	0.03
6.77	0.48	0.52	0.46	0.01	0.03	6.78	0.48	0.52	0.46	0.01	0.03
6.79	0.48	0.52	0.46	0.01	0.03	6.80	0.48	0.52	0.46	0.01	0.03
6.81	0.48	0.52	0.46	0.01	0.03	6.82	0.48	0.52	0.46	0.01	0.03
6.83	0.48	0.52	0.46	0.01	0.03	6.84	0.48	0.52	0.45	0.01	0.03
6.85	0.47	0.53	0.45	0.01	0.03	6.86	0.46	0.54	0.44	0.01	0.04
6.87	0.46	0.54	0.43	0.01	0.04	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	2.00	0.00	0.00	0.01	0.00
6.93	2.00	0.00	0.00	0.01	0.00	6.94	2.00	0.00	0.00	0.01	0.00
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	2.00	0.00	0.00	0.01	0.00	7.02	2.00	0.00	0.00	0.01	0.00
7.03	2.00	0.00	0.00	0.01	0.00	7.04	2.00	0.00	0.00	0.01	0.00
7.05	2.00	0.00	0.00	0.01	0.00	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	0.41	0.59	0.40	0.01	0.04
7.27	0.43	0.57	0.41	0.01	0.04	7.28	0.47	0.53	0.44	0.01	0.03
7.29	0.45	0.55	0.43	0.01	0.03	7.30	0.46	0.54	0.43	0.01	0.03
7.31	0.47	0.53	0.44	0.01	0.03	7.32	0.46	0.54	0.44	0.01	0.03
7.33	0.46	0.54	0.43	0.01	0.03	7.34	0.45	0.55	0.43	0.01	0.03
7.35	0.45	0.55	0.43	0.01	0.03	7.36	0.44	0.56	0.41	0.01	0.04
7.37	0.44	0.56	0.42	0.01	0.04	7.38	0.43	0.57	0.41	0.01	0.04
7.39	0.43	0.57	0.41	0.01	0.04	7.40	0.44	0.56	0.42	0.01	0.04
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	0.46	0.54	0.44	0.01	0.03	7.62	0.46	0.54	0.43	0.01	0.03
7.63	0.46	0.54	0.43	0.01	0.03	7.64	0.45	0.55	0.43	0.01	0.03
7.65	0.45	0.55	0.42	0.01	0.03	7.66	0.44	0.56	0.42	0.01	0.03
7.67	0.43	0.57	0.41	0.01	0.03	7.68	0.43	0.57	0.41	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.44	0.56	0.41	0.01	0.03	7.70	0.44	0.56	0.41	0.01	0.03
7.71	0.44	0.56	0.42	0.01	0.03	7.72	0.45	0.55	0.43	0.01	0.03
7.73	0.47	0.53	0.44	0.01	0.03	7.74	0.50	0.50	0.48	0.01	0.03
7.75	0.51	0.49	0.49	0.01	0.03	7.76	0.53	0.47	0.51	0.01	0.03
7.77	0.55	0.45	0.54	0.01	0.03	7.78	0.55	0.45	0.55	0.01	0.03
7.79	0.57	0.43	0.57	0.01	0.03	7.80	0.49	0.51	0.46	0.01	0.03
7.81	0.47	0.53	0.45	0.01	0.03	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00

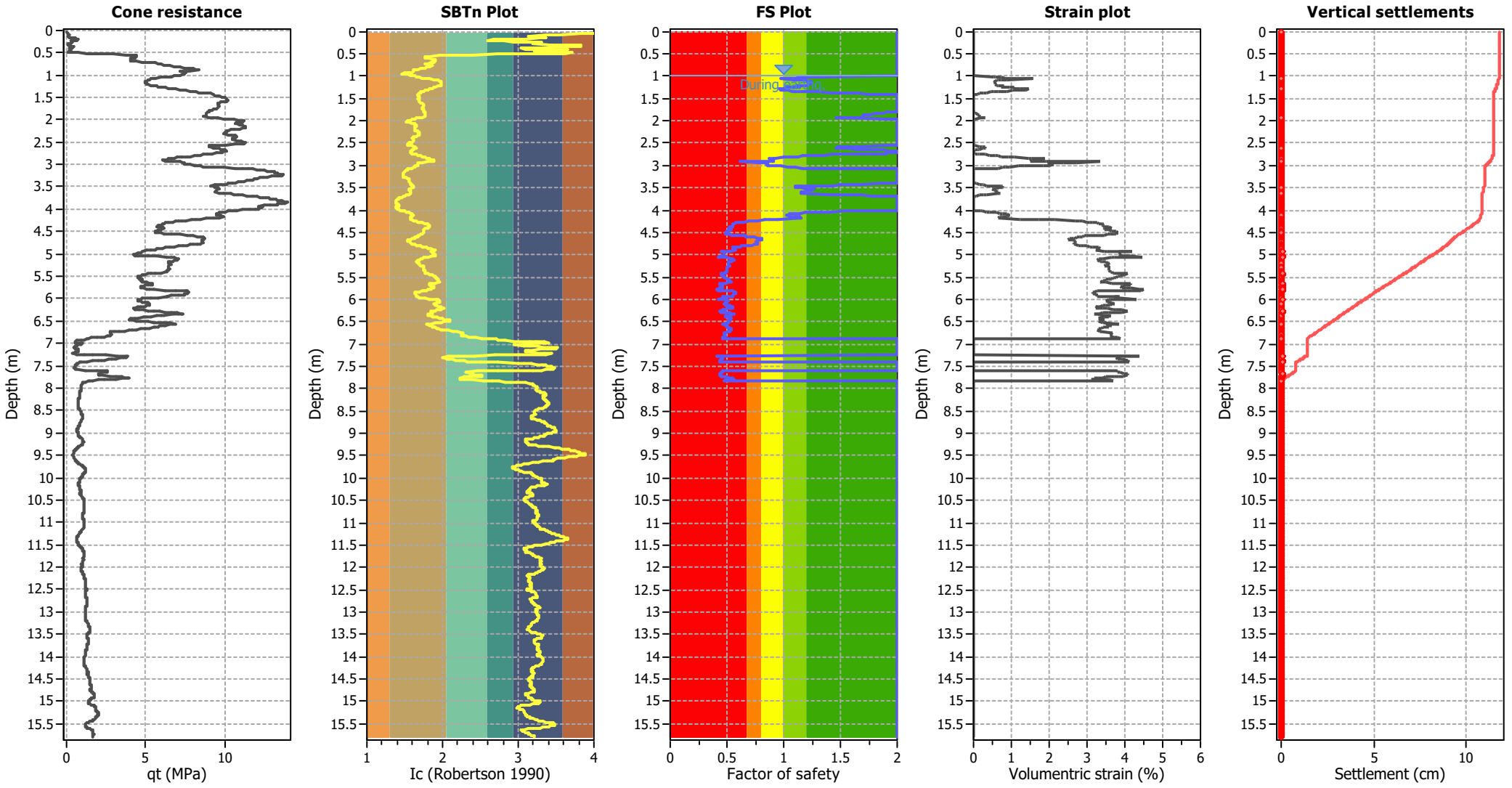
Overall liquefaction potential: 10.42

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	121.97	2.00	0.00	1.00	0.00	1.01	118.79	1.25	0.54	1.00	0.01
1.02	117.61	1.22	0.58	1.00	0.01	1.03	113.92	1.15	0.73	1.00	0.01
1.04	111.57	1.10	0.85	1.00	0.01	1.05	109.49	1.06	0.98	1.00	0.01
1.06	103.24	0.98	1.56	1.00	0.02	1.07	111.67	1.08	0.90	1.00	0.01
1.08	115.34	1.14	0.75	1.00	0.01	1.09	118.11	1.18	0.65	1.00	0.01
1.10	119.11	1.19	0.63	1.00	0.01	1.11	120.85	1.22	0.58	1.00	0.01
1.12	121.86	1.24	0.55	1.00	0.01	1.13	121.94	1.23	0.56	1.00	0.01
1.14	122.73	1.24	0.54	1.00	0.01	1.15	122.40	1.23	0.56	1.00	0.01
1.16	122.69	1.23	0.56	1.00	0.01	1.17	122.53	1.22	0.58	1.00	0.01
1.18	123.01	1.23	0.57	1.00	0.01	1.19	122.80	1.22	0.59	1.00	0.01
1.20	122.51	1.21	0.61	1.00	0.01	1.21	122.62	1.20	0.61	1.00	0.01
1.22	121.87	1.18	0.65	1.00	0.01	1.23	118.75	1.12	0.79	1.00	0.01
1.24	119.91	1.14	0.75	1.00	0.01	1.25	115.82	1.06	0.97	1.00	0.01
1.26	114.11	1.03	1.09	1.00	0.01	1.27	114.60	1.03	1.07	1.00	0.01
1.28	112.60	1.00	1.25	1.00	0.01	1.29	110.48	0.97	1.48	1.00	0.01
1.30	111.55	0.98	1.39	1.00	0.01	1.31	111.86	0.98	1.38	1.00	0.01
1.32	116.51	1.04	1.02	1.00	0.01	1.33	118.95	1.08	0.89	1.00	0.01
1.34	124.66	1.18	0.64	1.00	0.01	1.35	127.34	1.24	0.55	1.00	0.01
1.36	129.86	1.29	0.48	1.00	0.00	1.37	134.89	1.43	0.33	1.00	0.00
1.38	137.07	1.49	0.28	1.00	0.00	1.39	141.77	1.65	0.17	1.00	0.00
1.40	144.12	1.74	0.12	1.00	0.00	1.41	148.65	1.95	0.02	1.00	0.00
1.42	155.53	2.00	0.00	1.00	0.00	1.43	155.36	2.00	0.00	1.00	0.00
1.44	155.53	2.00	0.00	1.00	0.00	1.45	156.54	2.00	0.00	1.00	0.00
1.46	157.54	2.00	0.00	1.00	0.00	1.47	160.39	2.00	0.00	1.00	0.00
1.48	162.07	2.00	0.00	1.00	0.00	1.49	165.26	2.00	0.00	1.00	0.00
1.50	166.94	2.00	0.00	1.00	0.00	1.51	169.29	2.00	0.00	1.00	0.00
1.52	169.79	2.00	0.00	1.00	0.00	1.53	170.13	2.00	0.00	1.00	0.00
1.54	170.13	2.00	0.00	1.00	0.00	1.55	169.79	2.00	0.00	1.00	0.00
1.56	169.62	2.00	0.00	1.00	0.00	1.57	169.96	2.00	0.00	1.00	0.00
1.58	170.80	2.00	0.00	1.00	0.00	1.59	171.30	2.00	0.00	1.00	0.00
1.60	165.93	2.00	0.00	1.00	0.00	1.61	162.58	2.00	0.00	1.00	0.00
1.62	161.57	2.00	0.00	1.00	0.00	1.63	160.39	2.00	0.00	1.00	0.00
1.64	160.23	2.00	0.00	1.00	0.00	1.65	160.39	2.00	0.00	1.00	0.00
1.66	160.90	2.00	0.00	1.00	0.00	1.67	161.07	2.00	0.00	1.00	0.00
1.68	161.40	2.00	0.00	1.00	0.00	1.69	161.57	2.00	0.00	1.00	0.00
1.70	161.57	2.00	0.00	1.00	0.00	1.71	161.40	2.00	0.00	1.00	0.00
1.72	161.40	2.00	0.00	1.00	0.00	1.73	160.73	2.00	0.00	1.00	0.00
1.74	160.23	2.00	0.00	1.00	0.00	1.75	159.05	2.00	0.00	1.00	0.00
1.76	158.21	2.00	0.00	1.00	0.00	1.77	155.19	2.00	0.00	1.00	0.00
1.78	153.86	2.00	0.00	1.00	0.00	1.79	153.02	2.00	0.00	1.00	0.00
1.80	152.70	1.98	0.01	1.00	0.00	1.81	151.54	1.91	0.04	1.00	0.00
1.82	150.89	1.87	0.05	1.00	0.00	1.83	150.25	1.84	0.07	1.00	0.00
1.84	149.76	1.81	0.08	1.00	0.00	1.85	148.76	1.76	0.11	1.00	0.00
1.86	148.41	1.74	0.12	1.00	0.00	1.87	148.22	1.73	0.13	1.00	0.00
1.88	147.85	1.71	0.14	1.00	0.00	1.89	147.67	1.69	0.14	1.00	0.00
1.90	147.66	1.69	0.15	1.00	0.00	1.91	147.66	1.69	0.15	1.00	0.00
1.92	147.64	1.68	0.15	1.00	0.00	1.93	141.94	1.46	0.31	1.00	0.00
1.94	145.80	1.60	0.20	1.00	0.00	1.95	152.34	1.91	0.04	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	155.36	2.00	0.00	1.00	0.00	1.97	161.74	2.00	0.00	1.00	0.00
1.98	165.09	2.00	0.00	1.00	0.00	1.99	170.86	2.00	0.00	1.00	0.00
2.00	173.02	2.00	0.00	1.00	0.00	2.01	179.86	2.00	0.00	1.00	0.00
2.02	181.68	2.00	0.00	1.00	0.00	2.03	183.01	2.00	0.00	1.00	0.00
2.04	179.81	2.00	0.00	1.00	0.00	2.05	178.47	2.00	0.00	1.00	0.00
2.06	175.83	2.00	0.00	1.00	0.00	2.07	175.18	2.00	0.00	1.00	0.00
2.08	175.01	2.00	0.00	1.00	0.00	2.09	174.12	2.00	0.00	1.00	0.00
2.10	175.25	2.00	0.00	1.00	0.00	2.11	175.78	2.00	0.00	1.00	0.00
2.12	177.72	2.00	0.00	1.00	0.00	2.13	178.60	2.00	0.00	1.00	0.00
2.14	180.29	2.00	0.00	1.00	0.00	2.15	180.58	2.00	0.00	1.00	0.00
2.16	180.76	2.00	0.00	1.00	0.00	2.17	180.35	2.00	0.00	1.00	0.00
2.18	180.07	2.00	0.00	1.00	0.00	2.19	179.55	2.00	0.00	1.00	0.00
2.20	179.38	2.00	0.00	1.00	0.00	2.21	173.96	2.00	0.00	1.00	0.00
2.22	170.25	2.00	0.00	1.00	0.00	2.23	168.30	2.00	0.00	1.00	0.00
2.24	165.26	2.00	0.00	1.00	0.00	2.25	164.14	2.00	0.00	1.00	0.00
2.26	163.74	2.00	0.00	1.00	0.00	2.27	164.18	2.00	0.00	1.00	0.00
2.28	164.38	2.00	0.00	1.00	0.00	2.29	163.25	2.00	0.00	1.00	0.00
2.30	162.13	2.00	0.00	1.00	0.00	2.31	160.64	2.00	0.00	1.00	0.00
2.32	160.48	2.00	0.00	1.00	0.00	2.33	162.26	2.00	0.00	1.00	0.00
2.34	163.43	2.00	0.00	1.00	0.00	2.35	167.21	2.00	0.00	1.00	0.00
2.36	168.83	2.00	0.00	1.00	0.00	2.37	171.27	2.00	0.00	1.00	0.00
2.38	170.53	2.00	0.00	1.00	0.00	2.39	169.67	2.00	0.00	1.00	0.00
2.40	168.81	2.00	0.00	1.00	0.00	2.41	167.24	2.00	0.00	1.00	0.00
2.42	166.02	2.00	0.00	1.00	0.00	2.43	165.39	2.00	0.00	1.00	0.00
2.44	165.60	2.00	0.00	1.00	0.00	2.45	166.04	2.00	0.00	1.00	0.00
2.46	166.84	2.00	0.00	1.00	0.00	2.47	168.81	2.00	0.00	1.00	0.00
2.48	169.95	2.00	0.00	1.00	0.00	2.49	172.02	2.00	0.00	1.00	0.00
2.50	173.15	2.00	0.00	1.00	0.00	2.51	174.63	2.00	0.00	1.00	0.00
2.52	174.71	2.00	0.00	1.00	0.00	2.53	174.22	2.00	0.00	1.00	0.00
2.54	172.22	2.00	0.00	1.00	0.00	2.55	170.45	2.00	0.00	1.00	0.00
2.56	155.22	1.92	0.03	1.00	0.00	2.57	150.08	1.65	0.17	1.00	0.00
2.58	148.11	1.56	0.23	1.00	0.00	2.59	145.99	1.48	0.29	1.00	0.00
2.60	145.49	1.46	0.31	1.00	0.00	2.61	145.85	1.47	0.30	1.00	0.00
2.62	146.70	1.50	0.27	1.00	0.00	2.63	147.92	1.55	0.24	1.00	0.00
2.64	150.73	1.67	0.16	1.00	0.00	2.65	152.17	1.74	0.12	1.00	0.00
2.66	154.70	1.87	0.06	1.00	0.00	2.67	155.89	1.93	0.03	1.00	0.00
2.68	157.79	2.00	0.00	1.00	0.00	2.69	157.90	2.00	0.00	1.00	0.00
2.70	157.16	2.00	0.00	1.00	0.00	2.71	156.55	1.97	0.01	1.00	0.00
2.72	155.58	1.91	0.04	1.00	0.00	2.73	155.45	1.90	0.04	1.00	0.00
2.74	152.67	1.75	0.11	1.00	0.00	2.75	150.60	1.65	0.17	1.00	0.00
2.76	145.60	1.44	0.32	1.00	0.00	2.77	143.01	1.35	0.41	1.00	0.00
2.78	138.66	1.22	0.57	1.00	0.01	2.79	136.78	1.17	0.65	1.00	0.01
2.80	135.03	1.12	0.73	1.00	0.01	2.81	131.62	1.05	0.92	1.00	0.01
2.82	129.46	1.00	1.06	1.00	0.01	2.83	124.88	0.92	1.45	1.00	0.01
2.84	124.09	0.91	1.54	1.00	0.02	2.85	121.74	0.87	1.87	1.00	0.02
2.86	123.01	0.89	1.69	1.00	0.02	2.87	124.03	0.91	1.56	1.00	0.02
2.88	123.55	0.90	1.63	1.00	0.02	2.89	124.24	0.91	1.55	1.00	0.02
2.90	124.56	0.91	1.51	1.00	0.02	2.91	121.66	0.87	1.91	1.00	0.02

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	95.98	0.61	3.35	1.00	0.03	2.93	116.81	0.80	2.73	1.00	0.03
2.94	119.38	0.83	2.38	1.00	0.02	2.95	120.88	0.85	2.07	1.00	0.02
2.96	121.44	0.86	1.98	1.00	0.02	2.97	121.21	0.86	2.03	1.00	0.02
2.98	120.84	0.85	2.10	1.00	0.02	2.99	121.40	0.86	2.00	1.00	0.02
3.00	122.49	0.87	1.83	1.00	0.02	3.01	126.76	0.94	1.33	1.00	0.01
3.02	128.42	0.97	1.19	1.00	0.01	3.03	131.95	1.04	0.94	1.00	0.01
3.04	133.46	1.07	0.86	1.00	0.01	3.05	134.96	1.10	0.78	1.00	0.01
3.06	137.81	1.17	0.65	1.00	0.01	3.07	156.45	1.91	0.04	1.00	0.00
3.08	160.19	2.00	0.00	1.00	0.00	3.09	164.30	2.00	0.00	1.00	0.00
3.10	170.58	2.00	0.00	1.00	0.00	3.11	172.65	2.00	0.00	1.00	0.00
3.12	174.71	2.00	0.00	1.00	0.00	3.13	178.58	2.00	0.00	1.00	0.00
3.14	180.61	2.00	0.00	1.00	0.00	3.15	182.30	2.00	0.00	1.00	0.00
3.16	186.11	2.00	0.00	1.00	0.00	3.17	187.32	2.00	0.00	1.00	0.00
3.18	187.86	2.00	0.00	1.00	0.00	3.19	188.51	2.00	0.00	1.00	0.00
3.20	189.05	2.00	0.00	1.00	0.00	3.21	189.69	2.00	0.00	1.00	0.00
3.22	191.56	2.00	0.00	1.00	0.00	3.23	192.43	2.00	0.00	1.00	0.00
3.24	193.51	2.00	0.00	1.00	0.00	3.25	193.60	2.00	0.00	1.00	0.00
3.26	187.47	2.00	0.00	1.00	0.00	3.27	184.89	2.00	0.00	1.00	0.00
3.28	181.72	2.00	0.00	1.00	0.00	3.29	177.08	2.00	0.00	1.00	0.00
3.30	175.36	2.00	0.00	1.00	0.00	3.31	173.52	2.00	0.00	1.00	0.00
3.32	171.68	2.00	0.00	1.00	0.00	3.33	171.10	2.00	0.00	1.00	0.00
3.34	170.52	2.00	0.00	1.00	0.00	3.35	168.56	2.00	0.00	1.00	0.00
3.36	167.06	2.00	0.00	1.00	0.00	3.37	165.01	2.00	0.00	1.00	0.00
3.38	161.80	2.00	0.00	1.00	0.00	3.39	160.31	2.00	0.00	1.00	0.00
3.40	158.23	1.98	0.01	1.00	0.00	3.41	156.15	1.85	0.06	1.00	0.00
3.42	152.66	1.67	0.16	1.00	0.00	3.43	150.55	1.57	0.22	1.00	0.00
3.44	148.68	1.49	0.28	1.00	0.00	3.45	146.68	1.42	0.34	1.00	0.00
3.46	137.27	1.13	0.71	1.00	0.01	3.47	136.08	1.10	0.77	1.00	0.01
3.48	135.97	1.10	0.78	1.00	0.01	3.49	136.35	1.11	0.76	1.00	0.01
3.50	138.30	1.15	0.67	1.00	0.01	3.51	139.51	1.19	0.62	1.00	0.01
3.52	140.97	1.23	0.56	1.00	0.01	3.53	142.41	1.27	0.50	1.00	0.00
3.54	142.19	1.26	0.51	1.00	0.01	3.55	141.61	1.24	0.53	1.00	0.01
3.56	140.80	1.22	0.57	1.00	0.01	3.57	140.34	1.21	0.59	1.00	0.01
3.58	140.12	1.20	0.60	1.00	0.01	3.59	139.78	1.19	0.61	1.00	0.01
3.60	138.72	1.16	0.66	1.00	0.01	3.61	138.62	1.16	0.66	1.00	0.01
3.62	138.40	1.15	0.68	1.00	0.01	3.63	138.42	1.15	0.68	1.00	0.01
3.64	138.92	1.16	0.65	1.00	0.01	3.65	146.85	1.41	0.35	1.00	0.00
3.66	148.86	1.49	0.28	1.00	0.00	3.67	153.17	1.67	0.16	1.00	0.00
3.68	155.38	1.79	0.10	1.00	0.00	3.69	157.69	1.92	0.03	1.00	0.00
3.70	162.15	2.00	0.00	1.00	0.00	3.71	164.20	2.00	0.00	1.00	0.00
3.72	168.60	2.00	0.00	1.00	0.00	3.73	170.52	2.00	0.00	1.00	0.00
3.74	172.09	2.00	0.00	1.00	0.00	3.75	174.76	2.00	0.00	1.00	0.00
3.76	176.10	2.00	0.00	1.00	0.00	3.77	176.99	2.00	0.00	1.00	0.00
3.78	179.48	2.00	0.00	1.00	0.00	3.79	180.59	2.00	0.00	1.00	0.00
3.80	182.92	2.00	0.00	1.00	0.00	3.81	184.02	2.00	0.00	1.00	0.00
3.82	184.90	2.00	0.00	1.00	0.00	3.83	185.89	2.00	0.00	1.00	0.00
3.84	189.82	2.00	0.00	1.00	0.00	3.85	188.73	2.00	0.00	1.00	0.00
3.86	187.41	2.00	0.00	1.00	0.00	3.87	183.79	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	181.88	2.00	0.00	1.00	0.00	3.89	181.01	2.00	0.00	1.00	0.00
3.90	180.90	2.00	0.00	1.00	0.00	3.91	180.80	2.00	0.00	1.00	0.00
3.92	166.08	2.00	0.00	1.00	0.00	3.93	165.98	2.00	0.00	1.00	0.00
3.94	170.80	2.00	0.00	1.00	0.00	3.95	170.92	2.00	0.00	1.00	0.00
3.96	169.16	2.00	0.00	1.00	0.00	3.97	167.94	2.00	0.00	1.00	0.00
3.98	167.29	2.00	0.00	1.00	0.00	3.99	165.85	2.00	0.00	1.00	0.00
4.00	165.19	2.00	0.00	1.00	0.00	4.01	162.17	2.00	0.00	1.00	0.00
4.02	152.31	1.61	0.19	1.00	0.00	4.03	150.61	1.54	0.25	1.00	0.00
4.04	147.07	1.40	0.36	1.00	0.00	4.05	145.24	1.33	0.43	1.00	0.00
4.06	140.72	1.19	0.60	1.00	0.01	4.07	138.88	1.14	0.69	1.00	0.01
4.08	137.26	1.10	0.77	1.00	0.01	4.09	134.93	1.05	0.90	1.00	0.01
4.10	134.49	1.04	0.92	1.00	0.01	4.11	133.92	1.03	0.96	1.00	0.01
4.12	134.42	1.04	0.93	1.00	0.01	4.13	135.03	1.05	0.89	1.00	0.01
4.14	137.17	1.10	0.78	1.00	0.01	4.15	138.13	1.12	0.73	1.00	0.01
4.16	138.73	1.14	0.70	1.00	0.01	4.17	139.46	1.15	0.67	1.00	0.01
4.18	139.25	1.15	0.68	1.00	0.01	4.19	138.92	1.14	0.69	1.00	0.01
4.20	130.26	0.95	1.24	1.00	0.01	4.21	125.66	0.87	1.73	1.00	0.02
4.22	123.07	0.83	2.16	1.00	0.02	4.23	117.73	0.76	2.71	1.00	0.03
4.24	114.58	0.73	2.79	1.00	0.03	4.25	111.41	0.69	2.87	1.00	0.03
4.26	106.61	0.65	3.01	1.00	0.03	4.27	104.15	0.62	3.08	1.00	0.03
4.28	102.07	0.61	3.15	1.00	0.03	4.29	98.72	0.58	3.26	1.00	0.03
4.30	96.84	0.57	3.32	1.00	0.03	4.31	94.05	0.55	3.42	1.00	0.03
4.32	93.62	0.55	3.43	1.00	0.03	4.33	93.60	0.55	3.44	1.00	0.03
4.34	93.49	0.55	3.44	1.00	0.03	4.35	94.23	0.55	3.41	1.00	0.03
4.36	93.73	0.55	3.43	1.00	0.03	4.37	92.74	0.54	3.47	1.00	0.03
4.38	90.38	0.53	3.56	1.00	0.04	4.39	88.37	0.51	3.64	1.00	0.04
4.40	90.24	0.52	3.56	1.00	0.04	4.41	91.30	0.53	3.52	1.00	0.04
4.42	92.56	0.54	3.47	1.00	0.03	4.43	92.87	0.54	3.46	1.00	0.03
4.44	91.02	0.53	3.53	1.00	0.04	4.45	89.67	0.52	3.59	1.00	0.04
4.46	87.55	0.51	3.67	1.00	0.04	4.47	86.72	0.50	3.71	1.00	0.04
4.48	85.37	0.50	3.76	1.00	0.04	4.49	84.79	0.49	3.79	1.00	0.04
4.50	84.47	0.49	3.80	1.00	0.04	4.51	84.54	0.49	3.80	1.00	0.04
4.52	84.99	0.49	3.78	1.00	0.04	4.53	85.83	0.50	3.74	1.00	0.04
4.54	88.96	0.51	3.61	1.00	0.04	4.55	90.93	0.52	3.54	1.00	0.04
4.56	93.27	0.54	3.45	1.00	0.03	4.57	107.12	0.64	2.99	1.00	0.03
4.58	109.62	0.66	2.92	1.00	0.03	4.59	110.51	0.67	2.90	1.00	0.03
4.60	114.20	0.71	2.80	1.00	0.03	4.61	116.89	0.74	2.73	1.00	0.03
4.62	119.21	0.77	2.67	1.00	0.03	4.63	120.68	0.79	2.64	1.00	0.03
4.64	122.03	0.81	2.55	1.00	0.03	4.65	122.19	0.81	2.51	1.00	0.03
4.66	121.76	0.80	2.61	1.00	0.03	4.67	121.32	0.79	2.62	1.00	0.03
4.68	120.77	0.79	2.64	1.00	0.03	4.69	119.62	0.77	2.66	1.00	0.03
4.70	118.83	0.76	2.68	1.00	0.03	4.71	118.87	0.76	2.68	1.00	0.03
4.72	119.15	0.76	2.68	1.00	0.03	4.73	119.43	0.77	2.67	1.00	0.03
4.74	120.07	0.78	2.65	1.00	0.03	4.75	119.99	0.77	2.66	1.00	0.03
4.76	119.08	0.76	2.68	1.00	0.03	4.77	117.81	0.75	2.71	1.00	0.03
4.78	114.98	0.71	2.78	1.00	0.03	4.79	113.11	0.69	2.83	1.00	0.03
4.80	109.18	0.65	2.93	1.00	0.03	4.81	106.93	0.63	3.00	1.00	0.03
4.82	104.30	0.61	3.08	1.00	0.03	4.83	101.71	0.59	3.16	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	96.65	0.55	3.33	1.00	0.03	4.85	95.68	0.55	3.36	1.00	0.03
4.86	96.65	0.55	3.33	1.00	0.03	4.87	96.19	0.55	3.34	1.00	0.03
4.88	98.56	0.57	3.26	1.00	0.03	4.89	98.81	0.57	3.25	1.00	0.03
4.90	99.84	0.57	3.22	1.00	0.03	4.91	92.67	0.53	3.47	1.00	0.03
4.92	90.88	0.52	3.54	1.00	0.04	4.93	76.43	0.45	4.19	1.00	0.04
4.94	83.26	0.48	3.86	1.00	0.04	4.95	83.03	0.48	3.87	1.00	0.04
4.96	83.00	0.48	3.87	1.00	0.04	4.97	82.93	0.47	3.87	1.00	0.04
4.98	83.89	0.48	3.83	1.00	0.04	4.99	83.03	0.47	3.87	1.00	0.04
5.00	83.42	0.48	3.85	1.00	0.04	5.01	81.70	0.47	3.93	1.00	0.04
5.02	80.98	0.46	3.96	1.00	0.04	5.03	78.04	0.45	4.11	1.00	0.04
5.04	76.95	0.45	4.16	1.00	0.04	5.05	71.72	0.42	4.45	1.00	0.04
5.06	86.36	0.49	3.72	1.00	0.04	5.07	88.44	0.50	3.64	1.00	0.04
5.08	93.92	0.53	3.42	1.00	0.03	5.09	96.13	0.55	3.34	1.00	0.03
5.10	97.61	0.56	3.29	1.00	0.03	5.11	98.73	0.56	3.26	1.00	0.03
5.12	98.31	0.56	3.27	1.00	0.03	5.13	97.66	0.56	3.29	1.00	0.03
5.14	96.06	0.54	3.35	1.00	0.03	5.15	94.94	0.54	3.39	1.00	0.03
5.16	93.79	0.53	3.43	1.00	0.03	5.17	91.53	0.52	3.51	1.00	0.04
5.18	90.74	0.51	3.54	1.00	0.04	5.19	90.07	0.51	3.57	1.00	0.04
5.20	89.88	0.51	3.58	1.00	0.04	5.21	90.32	0.51	3.56	1.00	0.04
5.22	90.87	0.51	3.54	1.00	0.04	5.23	92.15	0.52	3.49	1.00	0.03
5.24	92.58	0.52	3.47	1.00	0.03	5.25	90.32	0.51	3.56	1.00	0.04
5.26	90.02	0.51	3.57	1.00	0.04	5.27	89.71	0.50	3.58	1.00	0.04
5.28	89.41	0.50	3.60	1.00	0.04	5.29	89.47	0.50	3.59	1.00	0.04
5.30	89.65	0.50	3.59	1.00	0.04	5.31	89.72	0.50	3.58	1.00	0.04
5.32	89.66	0.50	3.59	1.00	0.04	5.33	90.08	0.51	3.57	1.00	0.04
5.34	90.02	0.51	3.57	1.00	0.04	5.35	89.97	0.50	3.57	1.00	0.04
5.36	89.67	0.50	3.59	1.00	0.04	5.37	89.01	0.50	3.61	1.00	0.04
5.38	88.49	0.50	3.63	1.00	0.04	5.39	87.73	0.49	3.66	1.00	0.04
5.40	87.45	0.49	3.68	1.00	0.04	5.41	87.28	0.49	3.68	1.00	0.04
5.42	86.58	0.49	3.71	1.00	0.04	5.43	78.85	0.45	4.07	1.00	0.04
5.44	80.13	0.45	4.00	1.00	0.04	5.45	81.18	0.46	3.95	1.00	0.04
5.46	80.96	0.46	3.96	1.00	0.04	5.47	82.54	0.47	3.89	1.00	0.04
5.48	83.21	0.47	3.86	1.00	0.04	5.49	84.45	0.47	3.80	1.00	0.04
5.50	84.89	0.48	3.78	1.00	0.04	5.51	86.48	0.48	3.72	1.00	0.04
5.52	87.30	0.49	3.68	1.00	0.04	5.53	88.44	0.49	3.64	1.00	0.04
5.54	89.36	0.50	3.60	1.00	0.04	5.55	90.21	0.50	3.56	1.00	0.04
5.56	91.80	0.51	3.50	1.00	0.04	5.57	92.28	0.51	3.48	1.00	0.03
5.58	92.94	0.52	3.46	1.00	0.03	5.59	93.86	0.52	3.43	1.00	0.03
5.60	94.71	0.53	3.40	1.00	0.03	5.61	95.83	0.54	3.36	1.00	0.03
5.62	92.30	0.51	3.48	1.00	0.03	5.63	88.39	0.49	3.64	1.00	0.04
5.64	80.74	0.46	3.97	1.00	0.04	5.65	77.32	0.44	4.14	1.00	0.04
5.66	77.39	0.44	4.14	1.00	0.04	5.67	79.33	0.45	4.04	1.00	0.04
5.68	80.40	0.45	3.99	1.00	0.04	5.69	81.36	0.46	3.94	1.00	0.04
5.70	80.55	0.45	3.98	1.00	0.04	5.71	82.02	0.46	3.91	1.00	0.04
5.72	82.47	0.46	3.89	1.00	0.04	5.73	81.98	0.46	3.92	1.00	0.04
5.74	79.40	0.45	4.04	1.00	0.04	5.75	76.87	0.44	4.17	1.00	0.04
5.76	73.02	0.42	4.37	1.00	0.04	5.77	71.66	0.42	4.45	1.00	0.04
5.78	71.04	0.41	4.49	1.00	0.04	5.79	72.12	0.42	4.42	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	76.07	0.43	4.21	1.00	0.04	5.81	78.32	0.44	4.09	1.00	0.04
5.82	98.23	0.55	3.27	1.00	0.03	5.83	100.13	0.56	3.21	1.00	0.03
5.84	101.56	0.57	3.16	1.00	0.03	5.85	101.96	0.57	3.15	1.00	0.03
5.86	102.02	0.57	3.15	1.00	0.03	5.87	101.27	0.57	3.17	1.00	0.03
5.88	100.18	0.56	3.21	1.00	0.03	5.89	98.52	0.55	3.26	1.00	0.03
5.90	98.46	0.55	3.26	1.00	0.03	5.91	98.40	0.55	3.27	1.00	0.03
5.92	98.35	0.55	3.27	1.00	0.03	5.93	83.73	0.47	3.84	1.00	0.04
5.94	83.68	0.47	3.84	1.00	0.04	5.95	86.25	0.48	3.73	1.00	0.04
5.96	85.61	0.47	3.75	1.00	0.04	5.97	84.36	0.47	3.81	1.00	0.04
5.98	82.66	0.46	3.88	1.00	0.04	5.99	74.02	0.42	4.32	1.00	0.04
6.00	88.56	0.49	3.63	1.00	0.04	6.01	89.51	0.49	3.59	1.00	0.04
6.02	92.15	0.51	3.49	1.00	0.03	6.03	91.75	0.51	3.50	1.00	0.04
6.04	91.37	0.50	3.52	1.00	0.04	6.05	90.95	0.50	3.54	1.00	0.04
6.06	89.72	0.50	3.58	1.00	0.04	6.07	89.99	0.50	3.57	1.00	0.04
6.08	88.18	0.49	3.65	1.00	0.04	6.09	87.08	0.48	3.69	1.00	0.04
6.10	86.31	0.48	3.72	1.00	0.04	6.11	87.80	0.48	3.66	1.00	0.04
6.12	89.08	0.49	3.61	1.00	0.04	6.13	91.81	0.51	3.50	1.00	0.04
6.14	94.38	0.52	3.41	1.00	0.03	6.15	96.38	0.53	3.34	1.00	0.03
6.16	99.42	0.55	3.23	1.00	0.03	6.17	98.27	0.54	3.27	1.00	0.03
6.18	99.81	0.55	3.22	1.00	0.03	6.19	96.34	0.53	3.34	1.00	0.03
6.20	94.27	0.52	3.41	1.00	0.03	6.21	91.25	0.50	3.52	1.00	0.04
6.22	87.49	0.48	3.67	1.00	0.04	6.23	85.29	0.47	3.77	1.00	0.04
6.24	82.21	0.46	3.90	1.00	0.04	6.25	79.50	0.44	4.03	1.00	0.04
6.26	80.04	0.45	4.01	1.00	0.04	6.27	78.79	0.44	4.07	1.00	0.04
6.28	81.68	0.45	3.93	1.00	0.04	6.29	89.64	0.49	3.59	1.00	0.04
6.30	94.43	0.52	3.41	1.00	0.03	6.31	96.65	0.53	3.33	1.00	0.03
6.32	100.83	0.56	3.19	1.00	0.03	6.33	98.00	0.54	3.28	1.00	0.03
6.34	96.70	0.53	3.32	1.00	0.03	6.35	96.61	0.53	3.33	1.00	0.03
6.36	88.68	0.49	3.63	1.00	0.04	6.37	88.59	0.49	3.63	1.00	0.04
6.38	89.87	0.49	3.58	1.00	0.04	6.39	92.83	0.51	3.46	1.00	0.03
6.40	93.82	0.52	3.43	1.00	0.03	6.41	96.79	0.53	3.32	1.00	0.03
6.42	96.99	0.53	3.31	1.00	0.03	6.43	96.74	0.53	3.32	1.00	0.03
6.44	93.36	0.51	3.44	1.00	0.03	6.45	94.10	0.52	3.42	1.00	0.03
6.46	94.82	0.52	3.39	1.00	0.03	6.47	95.37	0.52	3.37	1.00	0.03
6.48	96.10	0.53	3.35	1.00	0.03	6.49	95.25	0.52	3.38	1.00	0.03
6.50	96.65	0.53	3.33	1.00	0.03	6.51	94.40	0.52	3.41	1.00	0.03
6.52	91.70	0.50	3.51	1.00	0.04	6.53	93.17	0.51	3.45	1.00	0.03
6.54	83.77	0.46	3.83	1.00	0.04	6.55	91.45	0.50	3.52	1.00	0.04
6.56	88.60	0.49	3.63	1.00	0.04	6.57	89.17	0.49	3.61	1.00	0.04
6.58	87.75	0.48	3.66	1.00	0.04	6.59	90.31	0.49	3.56	1.00	0.04
6.60	90.54	0.50	3.55	1.00	0.04	6.61	90.28	0.49	3.56	1.00	0.04
6.62	91.26	0.50	3.52	1.00	0.04	6.63	93.43	0.51	3.44	1.00	0.03
6.64	94.56	0.52	3.40	1.00	0.03	6.65	96.77	0.53	3.32	1.00	0.03
6.66	97.69	0.54	3.29	1.00	0.03	6.67	95.70	0.52	3.36	1.00	0.03
6.68	96.46	0.53	3.33	1.00	0.03	6.69	97.26	0.53	3.31	1.00	0.03
6.70	98.64	0.54	3.26	1.00	0.03	6.71	96.34	0.53	3.34	1.00	0.03
6.72	95.94	0.53	3.35	1.00	0.03	6.73	95.88	0.53	3.35	1.00	0.03
6.74	87.77	0.48	3.66	1.00	0.04	6.75	88.41	0.48	3.64	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	87.88	0.48	3.66	1.00	0.04	6.77	87.68	0.48	3.67	1.00	0.04
6.78	87.86	0.48	3.66	1.00	0.04	6.79	87.86	0.48	3.66	1.00	0.04
6.80	88.63	0.48	3.63	1.00	0.04	6.81	88.50	0.48	3.63	1.00	0.04
6.82	88.72	0.48	3.62	1.00	0.04	6.83	88.69	0.48	3.63	1.00	0.04
6.84	87.05	0.48	3.69	1.00	0.04	6.85	85.87	0.47	3.74	1.00	0.04
6.86	84.39	0.46	3.81	1.00	0.04	6.87	82.87	0.46	3.87	1.00	0.04
6.88	18.90	2.00	0.00	1.00	0.00	6.89	16.52	2.00	0.00	1.00	0.00
6.90	16.51	2.00	0.00	1.00	0.00	6.91	16.50	2.00	0.00	1.00	0.00
6.92	16.47	2.00	0.00	1.00	0.00	6.93	8.59	2.00	0.00	1.00	0.00
6.94	8.58	2.00	0.00	1.00	0.00	6.95	7.69	2.00	0.00	1.00	0.00
6.96	6.67	2.00	0.00	1.00	0.00	6.97	6.42	2.00	0.00	1.00	0.00
6.98	6.54	2.00	0.00	1.00	0.00	6.99	7.93	2.00	0.00	1.00	0.00
7.00	10.18	2.00	0.00	1.00	0.00	7.01	15.14	2.00	0.00	1.00	0.00
7.02	10.42	2.00	0.00	1.00	0.00	7.03	9.66	2.00	0.00	1.00	0.00
7.04	8.78	2.00	0.00	1.00	0.00	7.05	7.39	2.00	0.00	1.00	0.00
7.06	7.01	2.00	0.00	1.00	0.00	7.07	6.76	2.00	0.00	1.00	0.00
7.08	5.99	2.00	0.00	1.00	0.00	7.09	5.23	2.00	0.00	1.00	0.00
7.10	5.23	2.00	0.00	1.00	0.00	7.11	5.86	2.00	0.00	1.00	0.00
7.12	6.99	2.00	0.00	1.00	0.00	7.13	7.61	2.00	0.00	1.00	0.00
7.14	8.35	2.00	0.00	1.00	0.00	7.15	8.85	2.00	0.00	1.00	0.00
7.16	8.97	2.00	0.00	1.00	0.00	7.17	8.84	2.00	0.00	1.00	0.00
7.18	8.33	2.00	0.00	1.00	0.00	7.19	7.58	2.00	0.00	1.00	0.00
7.20	5.95	2.00	0.00	1.00	0.00	7.21	4.44	2.00	0.00	1.00	0.00
7.22	4.44	2.00	0.00	1.00	0.00	7.23	4.69	2.00	0.00	1.00	0.00
7.24	5.56	2.00	0.00	1.00	0.00	7.25	12.65	2.00	0.00	1.00	0.00
7.26	73.01	0.41	4.37	1.00	0.04	7.27	76.27	0.43	4.20	1.00	0.04
7.28	85.48	0.47	3.76	1.00	0.04	7.29	82.44	0.45	3.89	1.00	0.04
7.30	83.25	0.46	3.86	1.00	0.04	7.31	85.36	0.47	3.76	1.00	0.04
7.32	84.19	0.46	3.82	1.00	0.04	7.33	83.82	0.46	3.83	1.00	0.04
7.34	82.65	0.45	3.88	1.00	0.04	7.35	82.11	0.45	3.91	1.00	0.04
7.36	78.69	0.44	4.07	1.00	0.04	7.37	79.04	0.44	4.06	1.00	0.04
7.38	78.46	0.43	4.08	1.00	0.04	7.39	77.69	0.43	4.12	1.00	0.04
7.40	79.43	0.44	4.04	1.00	0.04	7.41	11.44	2.00	0.00	1.00	0.00
7.42	10.67	2.00	0.00	1.00	0.00	7.43	9.81	2.00	0.00	1.00	0.00
7.44	8.95	2.00	0.00	1.00	0.00	7.45	7.72	2.00	0.00	1.00	0.00
7.46	7.34	2.00	0.00	1.00	0.00	7.47	7.21	2.00	0.00	1.00	0.00
7.48	7.09	2.00	0.00	1.00	0.00	7.49	6.84	2.00	0.00	1.00	0.00
7.50	6.46	2.00	0.00	1.00	0.00	7.51	6.34	2.00	0.00	1.00	0.00
7.52	6.21	2.00	0.00	1.00	0.00	7.53	5.84	2.00	0.00	1.00	0.00
7.54	5.83	2.00	0.00	1.00	0.00	7.55	5.83	2.00	0.00	1.00	0.00
7.56	5.83	2.00	0.00	1.00	0.00	7.57	6.07	2.00	0.00	1.00	0.00
7.58	6.31	2.00	0.00	1.00	0.00	7.59	6.92	2.00	0.00	1.00	0.00
7.60	8.15	2.00	0.00	1.00	0.00	7.61	84.42	0.46	3.81	1.00	0.04
7.62	84.00	0.46	3.82	1.00	0.04	7.63	84.10	0.46	3.82	1.00	0.04
7.64	82.78	0.45	3.88	1.00	0.04	7.65	81.23	0.45	3.95	1.00	0.04
7.66	80.00	0.44	4.01	1.00	0.04	7.67	78.36	0.43	4.09	1.00	0.04
7.68	78.45	0.43	4.09	1.00	0.04	7.69	79.08	0.44	4.05	1.00	0.04
7.70	79.08	0.44	4.05	1.00	0.04	7.71	80.70	0.44	3.98	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	83.43	0.45	3.85	1.00	0.04	7.73	86.07	0.47	3.73	1.00	0.04
7.74	92.12	0.50	3.49	1.00	0.03	7.75	93.95	0.51	3.42	1.00	0.03
7.76	97.04	0.53	3.31	1.00	0.03	7.77	100.69	0.55	3.19	1.00	0.03
7.78	101.15	0.55	3.18	1.00	0.03	7.79	103.37	0.57	3.11	1.00	0.03
7.80	89.90	0.49	3.58	1.00	0.04	7.81	87.22	0.47	3.69	1.00	0.04
7.82	22.03	2.00	0.00	1.00	0.00	7.83	19.19	2.00	0.00	1.00	0.00
7.84	17.41	2.00	0.00	1.00	0.00	7.85	16.21	2.00	0.00	1.00	0.00
7.86	14.43	2.00	0.00	1.00	0.00	7.87	12.88	2.00	0.00	1.00	0.00
7.88	11.69	2.00	0.00	1.00	0.00	7.89	11.68	2.00	0.00	1.00	0.00
7.90	11.68	2.00	0.00	1.00	0.00	7.91	11.67	2.00	0.00	1.00	0.00
7.92	11.66	2.00	0.00	1.00	0.00	7.93	11.65	2.00	0.00	1.00	0.00
7.94	10.22	2.00	0.00	1.00	0.00	7.95	10.22	2.00	0.00	1.00	0.00
7.96	10.21	2.00	0.00	1.00	0.00	7.97	10.21	2.00	0.00	1.00	0.00
7.98	10.20	2.00	0.00	1.00	0.00	7.99	10.19	2.00	0.00	1.00	0.00
8.00	10.19	2.00	0.00	1.00	0.00	8.01	10.53	2.00	0.00	1.00	0.00
8.02	10.41	2.00	0.00	1.00	0.00	8.03	10.29	2.00	0.00	1.00	0.00
8.04	10.28	2.00	0.00	1.00	0.00	8.05	10.15	2.00	0.00	1.00	0.00
8.06	10.03	2.00	0.00	1.00	0.00	8.07	10.02	2.00	0.00	1.00	0.00
8.08	9.78	2.00	0.00	1.00	0.00	8.09	9.66	2.00	0.00	1.00	0.00
8.10	9.42	2.00	0.00	1.00	0.00	8.11	9.29	2.00	0.00	1.00	0.00
8.12	9.17	2.00	0.00	1.00	0.00	8.13	9.05	2.00	0.00	1.00	0.00
8.14	9.28	2.00	0.00	1.00	0.00	8.15	9.27	2.00	0.00	1.00	0.00
8.16	9.38	2.00	0.00	1.00	0.00	8.17	9.26	2.00	0.00	1.00	0.00
8.18	9.02	2.00	0.00	1.00	0.00	8.19	8.90	2.00	0.00	1.00	0.00
8.20	9.01	2.00	0.00	1.00	0.00	8.21	9.12	2.00	0.00	1.00	0.00
8.22	8.88	2.00	0.00	1.00	0.00	8.23	8.87	2.00	0.00	1.00	0.00
8.24	8.75	2.00	0.00	1.00	0.00	8.25	8.63	2.00	0.00	1.00	0.00
8.26	8.62	2.00	0.00	1.00	0.00	8.27	8.50	2.00	0.00	1.00	0.00
8.28	8.50	2.00	0.00	1.00	0.00	8.29	8.49	2.00	0.00	1.00	0.00
8.30	8.49	2.00	0.00	1.00	0.00	8.31	8.37	2.00	0.00	1.00	0.00
8.32	8.36	2.00	0.00	1.00	0.00	8.33	8.24	2.00	0.00	1.00	0.00
8.34	8.23	2.00	0.00	1.00	0.00	8.35	8.23	2.00	0.00	1.00	0.00
8.36	8.22	2.00	0.00	1.00	0.00	8.37	8.34	2.00	0.00	1.00	0.00
8.38	8.33	2.00	0.00	1.00	0.00	8.39	8.33	2.00	0.00	1.00	0.00
8.40	8.21	2.00	0.00	1.00	0.00	8.41	8.32	2.00	0.00	1.00	0.00
8.42	8.54	2.00	0.00	1.00	0.00	8.43	8.54	2.00	0.00	1.00	0.00
8.44	8.76	2.00	0.00	1.00	0.00	8.45	8.99	2.00	0.00	1.00	0.00
8.46	9.22	2.00	0.00	1.00	0.00	8.47	9.33	2.00	0.00	1.00	0.00
8.48	9.44	2.00	0.00	1.00	0.00	8.49	9.55	2.00	0.00	1.00	0.00
8.50	9.66	2.00	0.00	1.00	0.00	8.51	9.77	2.00	0.00	1.00	0.00
8.52	10.22	2.00	0.00	1.00	0.00	8.53	10.21	2.00	0.00	1.00	0.00
8.54	10.21	2.00	0.00	1.00	0.00	8.55	10.20	2.00	0.00	1.00	0.00
8.56	10.31	2.00	0.00	1.00	0.00	8.57	10.31	2.00	0.00	1.00	0.00
8.58	10.76	2.00	0.00	1.00	0.00	8.59	10.87	2.00	0.00	1.00	0.00
8.60	11.09	2.00	0.00	1.00	0.00	8.61	11.42	2.00	0.00	1.00	0.00
8.62	11.53	2.00	0.00	1.00	0.00	8.63	11.41	2.00	0.00	1.00	0.00
8.64	11.52	2.00	0.00	1.00	0.00	8.65	11.62	2.00	0.00	1.00	0.00
8.66	11.62	2.00	0.00	1.00	0.00	8.67	11.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	11.38	2.00	0.00	1.00	0.00	8.69	10.92	2.00	0.00	1.00	0.00
8.70	10.57	2.00	0.00	1.00	0.00	8.71	10.56	2.00	0.00	1.00	0.00
8.72	10.33	2.00	0.00	1.00	0.00	8.73	10.21	2.00	0.00	1.00	0.00
8.74	10.09	2.00	0.00	1.00	0.00	8.75	9.86	2.00	0.00	1.00	0.00
8.76	9.74	2.00	0.00	1.00	0.00	8.77	9.62	2.00	0.00	1.00	0.00
8.78	9.27	2.00	0.00	1.00	0.00	8.79	9.27	2.00	0.00	1.00	0.00
8.80	9.15	2.00	0.00	1.00	0.00	8.81	9.14	2.00	0.00	1.00	0.00
8.82	9.02	2.00	0.00	1.00	0.00	8.83	8.91	2.00	0.00	1.00	0.00
8.84	8.67	2.00	0.00	1.00	0.00	8.85	8.22	2.00	0.00	1.00	0.00
8.86	8.10	2.00	0.00	1.00	0.00	8.87	7.87	2.00	0.00	1.00	0.00
8.88	7.64	2.00	0.00	1.00	0.00	8.89	7.63	2.00	0.00	1.00	0.00
8.90	7.63	2.00	0.00	1.00	0.00	8.91	7.62	2.00	0.00	1.00	0.00
8.92	7.62	2.00	0.00	1.00	0.00	8.93	7.05	2.00	0.00	1.00	0.00
8.94	7.16	2.00	0.00	1.00	0.00	8.95	7.16	2.00	0.00	1.00	0.00
8.96	7.26	2.00	0.00	1.00	0.00	8.97	7.26	2.00	0.00	1.00	0.00
8.98	7.48	2.00	0.00	1.00	0.00	8.99	7.59	2.00	0.00	1.00	0.00
9.00	7.92	2.00	0.00	1.00	0.00	9.01	7.81	2.00	0.00	1.00	0.00
9.02	7.91	2.00	0.00	1.00	0.00	9.03	8.02	2.00	0.00	1.00	0.00
9.04	8.02	2.00	0.00	1.00	0.00	9.05	8.13	2.00	0.00	1.00	0.00
9.06	8.23	2.00	0.00	1.00	0.00	9.07	8.45	2.00	0.00	1.00	0.00
9.08	8.67	2.00	0.00	1.00	0.00	9.09	9.00	2.00	0.00	1.00	0.00
9.10	9.00	2.00	0.00	1.00	0.00	9.11	10.00	2.00	0.00	1.00	0.00
9.12	10.32	2.00	0.00	1.00	0.00	9.13	10.76	2.00	0.00	1.00	0.00
9.14	10.98	2.00	0.00	1.00	0.00	9.15	11.08	2.00	0.00	1.00	0.00
9.16	11.30	2.00	0.00	1.00	0.00	9.17	11.29	2.00	0.00	1.00	0.00
9.18	11.40	2.00	0.00	1.00	0.00	9.19	11.50	2.00	0.00	1.00	0.00
9.20	11.39	2.00	0.00	1.00	0.00	9.21	11.38	2.00	0.00	1.00	0.00
9.22	11.38	2.00	0.00	1.00	0.00	9.23	11.37	2.00	0.00	1.00	0.00
9.24	11.25	2.00	0.00	1.00	0.00	9.25	11.14	2.00	0.00	1.00	0.00
9.26	10.69	2.00	0.00	1.00	0.00	9.27	10.35	2.00	0.00	1.00	0.00
9.28	10.01	2.00	0.00	1.00	0.00	9.29	9.68	2.00	0.00	1.00	0.00
9.30	8.13	2.00	0.00	1.00	0.00	9.31	7.68	2.00	0.00	1.00	0.00
9.32	7.56	2.00	0.00	1.00	0.00	9.33	7.34	2.00	0.00	1.00	0.00
9.34	6.78	2.00	0.00	1.00	0.00	9.35	6.56	2.00	0.00	1.00	0.00
9.36	6.44	2.00	0.00	1.00	0.00	9.37	6.11	2.00	0.00	1.00	0.00
9.38	6.00	2.00	0.00	1.00	0.00	9.39	5.77	2.00	0.00	1.00	0.00
9.40	5.44	2.00	0.00	1.00	0.00	9.41	5.32	2.00	0.00	1.00	0.00
9.42	5.21	2.00	0.00	1.00	0.00	9.43	5.10	2.00	0.00	1.00	0.00
9.44	4.87	2.00	0.00	1.00	0.00	9.45	4.65	2.00	0.00	1.00	0.00
9.46	4.43	2.00	0.00	1.00	0.00	9.47	4.42	2.00	0.00	1.00	0.00
9.48	4.31	2.00	0.00	1.00	0.00	9.49	4.09	2.00	0.00	1.00	0.00
9.50	4.20	2.00	0.00	1.00	0.00	9.51	4.31	2.00	0.00	1.00	0.00
9.52	4.41	2.00	0.00	1.00	0.00	9.53	4.52	2.00	0.00	1.00	0.00
9.54	4.74	2.00	0.00	1.00	0.00	9.55	4.85	2.00	0.00	1.00	0.00
9.56	5.06	2.00	0.00	1.00	0.00	9.57	5.28	2.00	0.00	1.00	0.00
9.58	5.28	2.00	0.00	1.00	0.00	9.59	5.28	2.00	0.00	1.00	0.00
9.60	5.27	2.00	0.00	1.00	0.00	9.61	5.38	2.00	0.00	1.00	0.00
9.62	5.49	2.00	0.00	1.00	0.00	9.63	5.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	6.14	2.00	0.00	1.00	0.00	9.65	6.35	2.00	0.00	1.00	0.00
9.66	6.79	2.00	0.00	1.00	0.00	9.67	6.78	2.00	0.00	1.00	0.00
9.68	7.76	2.00	0.00	1.00	0.00	9.69	7.97	2.00	0.00	1.00	0.00
9.70	8.19	2.00	0.00	1.00	0.00	9.71	8.94	2.00	0.00	1.00	0.00
9.72	9.37	2.00	0.00	1.00	0.00	9.73	9.69	2.00	0.00	1.00	0.00
9.74	10.34	2.00	0.00	1.00	0.00	9.75	10.55	2.00	0.00	1.00	0.00
9.76	10.87	2.00	0.00	1.00	0.00	9.77	11.19	2.00	0.00	1.00	0.00
9.78	11.29	2.00	0.00	1.00	0.00	9.79	11.39	2.00	0.00	1.00	0.00
9.80	11.60	2.00	0.00	1.00	0.00	9.81	11.60	2.00	0.00	1.00	0.00
9.82	11.59	2.00	0.00	1.00	0.00	9.83	11.48	2.00	0.00	1.00	0.00
9.84	11.58	2.00	0.00	1.00	0.00	9.85	11.57	2.00	0.00	1.00	0.00
9.86	11.67	2.00	0.00	1.00	0.00	9.87	11.56	2.00	0.00	1.00	0.00
9.88	11.45	2.00	0.00	1.00	0.00	9.89	11.23	2.00	0.00	1.00	0.00
9.90	11.22	2.00	0.00	1.00	0.00	9.91	11.22	2.00	0.00	1.00	0.00
9.92	11.21	2.00	0.00	1.00	0.00	9.93	10.13	2.00	0.00	1.00	0.00
9.94	10.13	2.00	0.00	1.00	0.00	9.95	10.23	2.00	0.00	1.00	0.00
9.96	10.01	2.00	0.00	1.00	0.00	9.97	9.90	2.00	0.00	1.00	0.00
9.98	9.57	2.00	0.00	1.00	0.00	9.99	9.35	2.00	0.00	1.00	0.00
10.00	9.24	2.00	0.00	1.00	0.00	10.01	8.49	2.00	0.00	1.00	0.00
10.02	8.59	2.00	0.00	1.00	0.00	10.03	8.59	2.00	0.00	1.00	0.00
10.04	8.58	2.00	0.00	1.00	0.00	10.05	8.36	2.00	0.00	1.00	0.00
10.06	8.25	2.00	0.00	1.00	0.00	10.07	8.25	2.00	0.00	1.00	0.00
10.08	8.25	2.00	0.00	1.00	0.00	10.09	8.24	2.00	0.00	1.00	0.00
10.10	7.92	2.00	0.00	1.00	0.00	10.11	7.70	2.00	0.00	1.00	0.00
10.12	7.27	2.00	0.00	1.00	0.00	10.13	7.16	2.00	0.00	1.00	0.00
10.14	7.05	2.00	0.00	1.00	0.00	10.15	6.94	2.00	0.00	1.00	0.00
10.16	6.83	2.00	0.00	1.00	0.00	10.17	7.36	2.00	0.00	1.00	0.00
10.18	7.46	2.00	0.00	1.00	0.00	10.19	7.78	2.00	0.00	1.00	0.00
10.20	7.99	2.00	0.00	1.00	0.00	10.21	8.19	2.00	0.00	1.00	0.00
10.22	8.19	2.00	0.00	1.00	0.00	10.23	8.19	2.00	0.00	1.00	0.00
10.24	8.18	2.00	0.00	1.00	0.00	10.25	8.07	2.00	0.00	1.00	0.00
10.26	8.07	2.00	0.00	1.00	0.00	10.27	8.17	2.00	0.00	1.00	0.00
10.28	8.17	2.00	0.00	1.00	0.00	10.29	8.27	2.00	0.00	1.00	0.00
10.30	8.27	2.00	0.00	1.00	0.00	10.31	8.26	2.00	0.00	1.00	0.00
10.32	8.37	2.00	0.00	1.00	0.00	10.33	8.36	2.00	0.00	1.00	0.00
10.34	8.15	2.00	0.00	1.00	0.00	10.35	8.14	2.00	0.00	1.00	0.00
10.36	8.14	2.00	0.00	1.00	0.00	10.37	8.14	2.00	0.00	1.00	0.00
10.38	8.24	2.00	0.00	1.00	0.00	10.39	8.23	2.00	0.00	1.00	0.00
10.40	8.44	2.00	0.00	1.00	0.00	10.41	8.65	2.00	0.00	1.00	0.00
10.42	8.85	2.00	0.00	1.00	0.00	10.43	9.06	2.00	0.00	1.00	0.00
10.44	9.26	2.00	0.00	1.00	0.00	10.45	9.47	2.00	0.00	1.00	0.00
10.46	9.67	2.00	0.00	1.00	0.00	10.47	9.77	2.00	0.00	1.00	0.00
10.48	9.98	2.00	0.00	1.00	0.00	10.49	10.08	2.00	0.00	1.00	0.00
10.50	10.49	2.00	0.00	1.00	0.00	10.51	10.59	2.00	0.00	1.00	0.00
10.52	10.69	2.00	0.00	1.00	0.00	10.53	10.79	2.00	0.00	1.00	0.00
10.54	10.78	2.00	0.00	1.00	0.00	10.55	10.67	2.00	0.00	1.00	0.00
10.56	10.67	2.00	0.00	1.00	0.00	10.57	10.77	2.00	0.00	1.00	0.00
10.58	10.76	2.00	0.00	1.00	0.00	10.59	10.76	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	10.65	2.00	0.00	1.00	0.00	10.61	10.64	2.00	0.00	1.00	0.00
10.62	10.53	2.00	0.00	1.00	0.00	10.63	10.53	2.00	0.00	1.00	0.00
10.64	10.52	2.00	0.00	1.00	0.00	10.65	10.52	2.00	0.00	1.00	0.00
10.66	10.41	2.00	0.00	1.00	0.00	10.67	10.40	2.00	0.00	1.00	0.00
10.68	10.40	2.00	0.00	1.00	0.00	10.69	10.39	2.00	0.00	1.00	0.00
10.70	10.49	2.00	0.00	1.00	0.00	10.71	10.38	2.00	0.00	1.00	0.00
10.72	10.38	2.00	0.00	1.00	0.00	10.73	10.27	2.00	0.00	1.00	0.00
10.74	10.26	2.00	0.00	1.00	0.00	10.75	10.26	2.00	0.00	1.00	0.00
10.76	10.15	2.00	0.00	1.00	0.00	10.77	10.15	2.00	0.00	1.00	0.00
10.78	10.14	2.00	0.00	1.00	0.00	10.79	10.14	2.00	0.00	1.00	0.00
10.80	9.93	2.00	0.00	1.00	0.00	10.81	9.92	2.00	0.00	1.00	0.00
10.82	9.81	2.00	0.00	1.00	0.00	10.83	9.81	2.00	0.00	1.00	0.00
10.84	9.80	2.00	0.00	1.00	0.00	10.85	9.90	2.00	0.00	1.00	0.00
10.86	10.00	2.00	0.00	1.00	0.00	10.87	9.99	2.00	0.00	1.00	0.00
10.88	9.89	2.00	0.00	1.00	0.00	10.89	9.98	2.00	0.00	1.00	0.00
10.90	9.98	2.00	0.00	1.00	0.00	10.91	9.97	2.00	0.00	1.00	0.00
10.92	9.97	2.00	0.00	1.00	0.00	10.93	9.66	2.00	0.00	1.00	0.00
10.94	9.65	2.00	0.00	1.00	0.00	10.95	10.57	2.00	0.00	1.00	0.00
10.96	10.87	2.00	0.00	1.00	0.00	10.97	10.97	2.00	0.00	1.00	0.00
10.98	10.66	2.00	0.00	1.00	0.00	10.99	10.86	2.00	0.00	1.00	0.00
11.00	10.75	2.00	0.00	1.00	0.00	11.01	10.64	2.00	0.00	1.00	0.00
11.02	10.53	2.00	0.00	1.00	0.00	11.03	10.63	2.00	0.00	1.00	0.00
11.04	10.73	2.00	0.00	1.00	0.00	11.05	10.52	2.00	0.00	1.00	0.00
11.06	10.61	2.00	0.00	1.00	0.00	11.07	10.61	2.00	0.00	1.00	0.00
11.08	10.60	2.00	0.00	1.00	0.00	11.09	10.40	2.00	0.00	1.00	0.00
11.10	10.29	2.00	0.00	1.00	0.00	11.11	10.18	2.00	0.00	1.00	0.00
11.12	10.18	2.00	0.00	1.00	0.00	11.13	10.17	2.00	0.00	1.00	0.00
11.14	10.17	2.00	0.00	1.00	0.00	11.15	9.35	2.00	0.00	1.00	0.00
11.16	9.24	2.00	0.00	1.00	0.00	11.17	8.94	2.00	0.00	1.00	0.00
11.18	8.83	2.00	0.00	1.00	0.00	11.19	8.62	2.00	0.00	1.00	0.00
11.20	8.32	2.00	0.00	1.00	0.00	11.21	8.21	2.00	0.00	1.00	0.00
11.22	8.11	2.00	0.00	1.00	0.00	11.23	8.00	2.00	0.00	1.00	0.00
11.24	7.79	2.00	0.00	1.00	0.00	11.25	7.59	2.00	0.00	1.00	0.00
11.26	7.38	2.00	0.00	1.00	0.00	11.27	7.18	2.00	0.00	1.00	0.00
11.28	7.07	2.00	0.00	1.00	0.00	11.29	6.97	2.00	0.00	1.00	0.00
11.30	6.76	2.00	0.00	1.00	0.00	11.31	6.66	2.00	0.00	1.00	0.00
11.32	6.66	2.00	0.00	1.00	0.00	11.33	5.85	2.00	0.00	1.00	0.00
11.34	5.85	2.00	0.00	1.00	0.00	11.35	5.64	2.00	0.00	1.00	0.00
11.36	5.64	2.00	0.00	1.00	0.00	11.37	5.64	2.00	0.00	1.00	0.00
11.38	5.63	2.00	0.00	1.00	0.00	11.39	5.73	2.00	0.00	1.00	0.00
11.40	5.83	2.00	0.00	1.00	0.00	11.41	5.93	2.00	0.00	1.00	0.00
11.42	5.92	2.00	0.00	1.00	0.00	11.43	6.12	2.00	0.00	1.00	0.00
11.44	6.22	2.00	0.00	1.00	0.00	11.45	6.32	2.00	0.00	1.00	0.00
11.46	6.32	2.00	0.00	1.00	0.00	11.47	6.31	2.00	0.00	1.00	0.00
11.48	6.41	2.00	0.00	1.00	0.00	11.49	6.51	2.00	0.00	1.00	0.00
11.50	6.91	2.00	0.00	1.00	0.00	11.51	7.00	2.00	0.00	1.00	0.00
11.52	7.10	2.00	0.00	1.00	0.00	11.53	7.30	2.00	0.00	1.00	0.00
11.54	7.59	2.00	0.00	1.00	0.00	11.55	7.79	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	7.89	2.00	0.00	1.00	0.00	11.57	8.28	2.00	0.00	1.00	0.00
11.58	8.38	2.00	0.00	1.00	0.00	11.59	8.67	2.00	0.00	1.00	0.00
11.60	8.67	2.00	0.00	1.00	0.00	11.61	8.77	2.00	0.00	1.00	0.00
11.62	8.86	2.00	0.00	1.00	0.00	11.63	8.96	2.00	0.00	1.00	0.00
11.64	9.35	2.00	0.00	1.00	0.00	11.65	9.45	2.00	0.00	1.00	0.00
11.66	9.54	2.00	0.00	1.00	0.00	11.67	9.64	2.00	0.00	1.00	0.00
11.68	9.93	2.00	0.00	1.00	0.00	11.69	9.93	2.00	0.00	1.00	0.00
11.70	10.12	2.00	0.00	1.00	0.00	11.71	10.12	2.00	0.00	1.00	0.00
11.72	10.11	2.00	0.00	1.00	0.00	11.73	10.11	2.00	0.00	1.00	0.00
11.74	10.20	2.00	0.00	1.00	0.00	11.75	10.00	2.00	0.00	1.00	0.00
11.76	9.90	2.00	0.00	1.00	0.00	11.77	9.79	2.00	0.00	1.00	0.00
11.78	9.69	2.00	0.00	1.00	0.00	11.79	9.59	2.00	0.00	1.00	0.00
11.80	9.48	2.00	0.00	1.00	0.00	11.81	9.48	2.00	0.00	1.00	0.00
11.82	9.67	2.00	0.00	1.00	0.00	11.83	9.67	2.00	0.00	1.00	0.00
11.84	9.66	2.00	0.00	1.00	0.00	11.85	9.66	2.00	0.00	1.00	0.00
11.86	9.46	2.00	0.00	1.00	0.00	11.87	9.45	2.00	0.00	1.00	0.00
11.88	9.45	2.00	0.00	1.00	0.00	11.89	9.54	2.00	0.00	1.00	0.00
11.90	9.54	2.00	0.00	1.00	0.00	11.91	9.53	2.00	0.00	1.00	0.00
11.92	9.53	2.00	0.00	1.00	0.00	11.93	8.25	2.00	0.00	1.00	0.00
11.94	8.25	2.00	0.00	1.00	0.00	11.95	8.73	2.00	0.00	1.00	0.00
11.96	8.73	2.00	0.00	1.00	0.00	11.97	8.63	2.00	0.00	1.00	0.00
11.98	8.62	2.00	0.00	1.00	0.00	11.99	8.52	2.00	0.00	1.00	0.00
12.00	8.52	2.00	0.00	1.00	0.00	12.01	8.32	2.00	0.00	1.00	0.00
12.02	8.31	2.00	0.00	1.00	0.00	12.03	8.21	2.00	0.00	1.00	0.00
12.04	8.21	2.00	0.00	1.00	0.00	12.05	8.21	2.00	0.00	1.00	0.00
12.06	8.20	2.00	0.00	1.00	0.00	12.07	8.20	2.00	0.00	1.00	0.00
12.08	8.39	2.00	0.00	1.00	0.00	12.09	8.39	2.00	0.00	1.00	0.00
12.10	8.38	2.00	0.00	1.00	0.00	12.11	8.48	2.00	0.00	1.00	0.00
12.12	8.47	2.00	0.00	1.00	0.00	12.13	8.66	2.00	0.00	1.00	0.00
12.14	8.76	2.00	0.00	1.00	0.00	12.15	8.85	2.00	0.00	1.00	0.00
12.16	9.63	2.00	0.00	1.00	0.00	12.17	9.72	2.00	0.00	1.00	0.00
12.18	9.81	2.00	0.00	1.00	0.00	12.19	9.71	2.00	0.00	1.00	0.00
12.20	9.71	2.00	0.00	1.00	0.00	12.21	9.70	2.00	0.00	1.00	0.00
12.22	9.70	2.00	0.00	1.00	0.00	12.23	9.60	2.00	0.00	1.00	0.00
12.24	9.59	2.00	0.00	1.00	0.00	12.25	9.59	2.00	0.00	1.00	0.00
12.26	9.88	2.00	0.00	1.00	0.00	12.27	10.07	2.00	0.00	1.00	0.00
12.28	10.16	2.00	0.00	1.00	0.00	12.29	10.25	2.00	0.00	1.00	0.00
12.30	10.34	2.00	0.00	1.00	0.00	12.31	10.34	2.00	0.00	1.00	0.00
12.32	10.34	2.00	0.00	1.00	0.00	12.33	10.24	2.00	0.00	1.00	0.00
12.34	10.23	2.00	0.00	1.00	0.00	12.35	10.32	2.00	0.00	1.00	0.00
12.36	10.32	2.00	0.00	1.00	0.00	12.37	10.31	2.00	0.00	1.00	0.00
12.38	10.41	2.00	0.00	1.00	0.00	12.39	10.40	2.00	0.00	1.00	0.00
12.40	10.49	2.00	0.00	1.00	0.00	12.41	10.49	2.00	0.00	1.00	0.00
12.42	10.39	2.00	0.00	1.00	0.00	12.43	10.38	2.00	0.00	1.00	0.00
12.44	10.48	2.00	0.00	1.00	0.00	12.45	10.47	2.00	0.00	1.00	0.00
12.46	10.37	2.00	0.00	1.00	0.00	12.47	10.37	2.00	0.00	1.00	0.00
12.48	10.75	2.00	0.00	1.00	0.00	12.49	11.03	2.00	0.00	1.00	0.00
12.50	11.12	2.00	0.00	1.00	0.00	12.51	10.92	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	10.73	2.00	0.00	1.00	0.00	12.53	10.72	2.00	0.00	1.00	0.00
12.54	10.62	2.00	0.00	1.00	0.00	12.55	10.52	2.00	0.00	1.00	0.00
12.56	10.42	2.00	0.00	1.00	0.00	12.57	10.03	2.00	0.00	1.00	0.00
12.58	9.93	2.00	0.00	1.00	0.00	12.59	10.12	2.00	0.00	1.00	0.00
12.60	10.21	2.00	0.00	1.00	0.00	12.61	10.30	2.00	0.00	1.00	0.00
12.62	10.20	2.00	0.00	1.00	0.00	12.63	10.20	2.00	0.00	1.00	0.00
12.64	10.19	2.00	0.00	1.00	0.00	12.65	10.19	2.00	0.00	1.00	0.00
12.66	10.28	2.00	0.00	1.00	0.00	12.67	10.37	2.00	0.00	1.00	0.00
12.68	10.94	2.00	0.00	1.00	0.00	12.69	11.13	2.00	0.00	1.00	0.00
12.70	11.31	2.00	0.00	1.00	0.00	12.71	11.59	2.00	0.00	1.00	0.00
12.72	11.49	2.00	0.00	1.00	0.00	12.73	11.49	2.00	0.00	1.00	0.00
12.74	11.29	2.00	0.00	1.00	0.00	12.75	11.29	2.00	0.00	1.00	0.00
12.76	11.28	2.00	0.00	1.00	0.00	12.77	11.28	2.00	0.00	1.00	0.00
12.78	11.18	2.00	0.00	1.00	0.00	12.79	11.08	2.00	0.00	1.00	0.00
12.80	11.17	2.00	0.00	1.00	0.00	12.81	11.16	2.00	0.00	1.00	0.00
12.82	11.16	2.00	0.00	1.00	0.00	12.83	11.06	2.00	0.00	1.00	0.00
12.84	10.96	2.00	0.00	1.00	0.00	12.85	10.86	2.00	0.00	1.00	0.00
12.86	10.76	2.00	0.00	1.00	0.00	12.87	10.66	2.00	0.00	1.00	0.00
12.88	10.37	2.00	0.00	1.00	0.00	12.89	10.27	2.00	0.00	1.00	0.00
12.90	10.27	2.00	0.00	1.00	0.00	12.91	10.26	2.00	0.00	1.00	0.00
12.92	10.07	2.00	0.00	1.00	0.00	12.93	10.26	2.00	0.00	1.00	0.00
12.94	10.25	2.00	0.00	1.00	0.00	12.95	10.06	2.00	0.00	1.00	0.00
12.96	9.96	2.00	0.00	1.00	0.00	12.97	9.86	2.00	0.00	1.00	0.00
12.98	10.05	2.00	0.00	1.00	0.00	12.99	10.04	2.00	0.00	1.00	0.00
13.00	10.13	2.00	0.00	1.00	0.00	13.01	10.22	2.00	0.00	1.00	0.00
13.02	10.12	2.00	0.00	1.00	0.00	13.03	10.02	2.00	0.00	1.00	0.00
13.04	9.83	2.00	0.00	1.00	0.00	13.05	10.02	2.00	0.00	1.00	0.00
13.06	10.11	2.00	0.00	1.00	0.00	13.07	10.01	2.00	0.00	1.00	0.00
13.08	10.00	2.00	0.00	1.00	0.00	13.09	10.00	2.00	0.00	1.00	0.00
13.10	9.99	2.00	0.00	1.00	0.00	13.11	10.08	2.00	0.00	1.00	0.00
13.12	10.08	2.00	0.00	1.00	0.00	13.13	10.08	2.00	0.00	1.00	0.00
13.14	10.07	2.00	0.00	1.00	0.00	13.15	10.07	2.00	0.00	1.00	0.00
13.16	10.16	2.00	0.00	1.00	0.00	13.17	10.15	2.00	0.00	1.00	0.00
13.18	10.24	2.00	0.00	1.00	0.00	13.19	10.24	2.00	0.00	1.00	0.00
13.20	10.42	2.00	0.00	1.00	0.00	13.21	10.60	2.00	0.00	1.00	0.00
13.22	10.69	2.00	0.00	1.00	0.00	13.23	10.78	2.00	0.00	1.00	0.00
13.24	11.15	2.00	0.00	1.00	0.00	13.25	11.24	2.00	0.00	1.00	0.00
13.26	11.42	2.00	0.00	1.00	0.00	13.27	11.41	2.00	0.00	1.00	0.00
13.28	11.60	2.00	0.00	1.00	0.00	13.29	11.59	2.00	0.00	1.00	0.00
13.30	11.68	2.00	0.00	1.00	0.00	13.31	11.77	2.00	0.00	1.00	0.00
13.32	12.04	2.00	0.00	1.00	0.00	13.33	12.13	2.00	0.00	1.00	0.00
13.34	12.22	2.00	0.00	1.00	0.00	13.35	12.21	2.00	0.00	1.00	0.00
13.36	12.30	2.00	0.00	1.00	0.00	13.37	12.30	2.00	0.00	1.00	0.00
13.38	12.48	2.00	0.00	1.00	0.00	13.39	12.66	2.00	0.00	1.00	0.00
13.40	12.56	2.00	0.00	1.00	0.00	13.41	12.46	2.00	0.00	1.00	0.00
13.42	12.46	2.00	0.00	1.00	0.00	13.43	12.45	2.00	0.00	1.00	0.00
13.44	12.35	2.00	0.00	1.00	0.00	13.45	12.16	2.00	0.00	1.00	0.00
13.46	11.97	2.00	0.00	1.00	0.00	13.47	11.78	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	11.68	2.00	0.00	1.00	0.00	13.49	11.40	2.00	0.00	1.00	0.00
13.50	11.21	2.00	0.00	1.00	0.00	13.51	10.65	2.00	0.00	1.00	0.00
13.52	10.56	2.00	0.00	1.00	0.00	13.53	10.46	2.00	0.00	1.00	0.00
13.54	10.55	2.00	0.00	1.00	0.00	13.55	10.54	2.00	0.00	1.00	0.00
13.56	10.35	2.00	0.00	1.00	0.00	13.57	10.35	2.00	0.00	1.00	0.00
13.58	10.81	2.00	0.00	1.00	0.00	13.59	10.89	2.00	0.00	1.00	0.00
13.60	11.16	2.00	0.00	1.00	0.00	13.61	11.44	2.00	0.00	1.00	0.00
13.62	11.34	2.00	0.00	1.00	0.00	13.63	11.33	2.00	0.00	1.00	0.00
13.64	11.42	2.00	0.00	1.00	0.00	13.65	11.33	2.00	0.00	1.00	0.00
13.66	11.41	2.00	0.00	1.00	0.00	13.67	11.41	2.00	0.00	1.00	0.00
13.68	11.40	2.00	0.00	1.00	0.00	13.69	11.49	2.00	0.00	1.00	0.00
13.70	11.39	2.00	0.00	1.00	0.00	13.71	11.21	2.00	0.00	1.00	0.00
13.72	11.11	2.00	0.00	1.00	0.00	13.73	10.74	2.00	0.00	1.00	0.00
13.74	10.64	2.00	0.00	1.00	0.00	13.75	10.55	2.00	0.00	1.00	0.00
13.76	10.54	2.00	0.00	1.00	0.00	13.77	10.63	2.00	0.00	1.00	0.00
13.78	10.72	2.00	0.00	1.00	0.00	13.79	10.62	2.00	0.00	1.00	0.00
13.80	10.52	2.00	0.00	1.00	0.00	13.81	10.34	2.00	0.00	1.00	0.00
13.82	10.33	2.00	0.00	1.00	0.00	13.83	10.33	2.00	0.00	1.00	0.00
13.84	10.33	2.00	0.00	1.00	0.00	13.85	10.14	2.00	0.00	1.00	0.00
13.86	10.04	2.00	0.00	1.00	0.00	13.87	9.77	2.00	0.00	1.00	0.00
13.88	9.67	2.00	0.00	1.00	0.00	13.89	9.67	2.00	0.00	1.00	0.00
13.90	9.66	2.00	0.00	1.00	0.00	13.91	9.66	2.00	0.00	1.00	0.00
13.92	9.66	2.00	0.00	1.00	0.00	13.93	9.20	2.00	0.00	1.00	0.00
13.94	9.20	2.00	0.00	1.00	0.00	13.95	9.46	2.00	0.00	1.00	0.00
13.96	9.64	2.00	0.00	1.00	0.00	13.97	9.55	2.00	0.00	1.00	0.00
13.98	9.45	2.00	0.00	1.00	0.00	13.99	9.18	2.00	0.00	1.00	0.00
14.00	9.17	2.00	0.00	1.00	0.00	14.01	8.99	2.00	0.00	1.00	0.00
14.02	8.90	2.00	0.00	1.00	0.00	14.03	8.89	2.00	0.00	1.00	0.00
14.04	8.80	2.00	0.00	1.00	0.00	14.05	8.80	2.00	0.00	1.00	0.00
14.06	8.70	2.00	0.00	1.00	0.00	14.07	8.70	2.00	0.00	1.00	0.00
14.08	8.70	2.00	0.00	1.00	0.00	14.09	8.69	2.00	0.00	1.00	0.00
14.10	8.69	2.00	0.00	1.00	0.00	14.11	8.68	2.00	0.00	1.00	0.00
14.12	8.68	2.00	0.00	1.00	0.00	14.13	8.59	2.00	0.00	1.00	0.00
14.14	8.58	2.00	0.00	1.00	0.00	14.15	8.58	2.00	0.00	1.00	0.00
14.16	8.58	2.00	0.00	1.00	0.00	14.17	8.58	2.00	0.00	1.00	0.00
14.18	8.75	2.00	0.00	1.00	0.00	14.19	8.93	2.00	0.00	1.00	0.00
14.20	9.10	2.00	0.00	1.00	0.00	14.21	9.10	2.00	0.00	1.00	0.00
14.22	9.37	2.00	0.00	1.00	0.00	14.23	9.36	2.00	0.00	1.00	0.00
14.24	9.63	2.00	0.00	1.00	0.00	14.25	9.71	2.00	0.00	1.00	0.00
14.26	9.98	2.00	0.00	1.00	0.00	14.27	10.07	2.00	0.00	1.00	0.00
14.28	10.06	2.00	0.00	1.00	0.00	14.29	10.06	2.00	0.00	1.00	0.00
14.30	9.97	2.00	0.00	1.00	0.00	14.31	9.87	2.00	0.00	1.00	0.00
14.32	10.23	2.00	0.00	1.00	0.00	14.33	10.40	2.00	0.00	1.00	0.00
14.34	10.49	2.00	0.00	1.00	0.00	14.35	10.57	2.00	0.00	1.00	0.00
14.36	10.57	2.00	0.00	1.00	0.00	14.37	10.39	2.00	0.00	1.00	0.00
14.38	10.38	2.00	0.00	1.00	0.00	14.39	10.38	2.00	0.00	1.00	0.00
14.40	10.46	2.00	0.00	1.00	0.00	14.41	10.46	2.00	0.00	1.00	0.00
14.42	10.63	2.00	0.00	1.00	0.00	14.43	10.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	10.63	2.00	0.00	1.00	0.00	14.45	10.62	2.00	0.00	1.00	0.00
14.46	10.62	2.00	0.00	1.00	0.00	14.47	10.61	2.00	0.00	1.00	0.00
14.48	11.50	2.00	0.00	1.00	0.00	14.49	11.67	2.00	0.00	1.00	0.00
14.50	11.85	2.00	0.00	1.00	0.00	14.51	11.93	2.00	0.00	1.00	0.00
14.52	11.84	2.00	0.00	1.00	0.00	14.53	11.83	2.00	0.00	1.00	0.00
14.54	11.83	2.00	0.00	1.00	0.00	14.55	11.74	2.00	0.00	1.00	0.00
14.56	11.64	2.00	0.00	1.00	0.00	14.57	11.73	2.00	0.00	1.00	0.00
14.58	11.81	2.00	0.00	1.00	0.00	14.59	11.72	2.00	0.00	1.00	0.00
14.60	11.62	2.00	0.00	1.00	0.00	14.61	11.62	2.00	0.00	1.00	0.00
14.62	11.70	2.00	0.00	1.00	0.00	14.63	11.97	2.00	0.00	1.00	0.00
14.64	12.14	2.00	0.00	1.00	0.00	14.65	12.22	2.00	0.00	1.00	0.00
14.66	12.40	2.00	0.00	1.00	0.00	14.67	12.39	2.00	0.00	1.00	0.00
14.68	12.39	2.00	0.00	1.00	0.00	14.69	12.38	2.00	0.00	1.00	0.00
14.70	12.29	2.00	0.00	1.00	0.00	14.71	12.19	2.00	0.00	1.00	0.00
14.72	12.19	2.00	0.00	1.00	0.00	14.73	12.10	2.00	0.00	1.00	0.00
14.74	12.00	2.00	0.00	1.00	0.00	14.75	12.00	2.00	0.00	1.00	0.00
14.76	12.08	2.00	0.00	1.00	0.00	14.77	12.17	2.00	0.00	1.00	0.00
14.78	12.43	2.00	0.00	1.00	0.00	14.79	12.69	2.00	0.00	1.00	0.00
14.80	13.03	2.00	0.00	1.00	0.00	14.81	13.12	2.00	0.00	1.00	0.00
14.82	14.17	2.00	0.00	1.00	0.00	14.83	14.26	2.00	0.00	1.00	0.00
14.84	14.25	2.00	0.00	1.00	0.00	14.85	14.07	2.00	0.00	1.00	0.00
14.86	13.89	2.00	0.00	1.00	0.00	14.87	13.79	2.00	0.00	1.00	0.00
14.88	13.70	2.00	0.00	1.00	0.00	14.89	13.61	2.00	0.00	1.00	0.00
14.90	13.60	2.00	0.00	1.00	0.00	14.91	13.60	2.00	0.00	1.00	0.00
14.92	13.59	2.00	0.00	1.00	0.00	14.93	11.04	2.00	0.00	1.00	0.00
14.94	12.26	2.00	0.00	1.00	0.00	14.95	12.43	2.00	0.00	1.00	0.00
14.96	12.34	2.00	0.00	1.00	0.00	14.97	12.16	2.00	0.00	1.00	0.00
14.98	11.19	2.00	0.00	1.00	0.00	14.99	11.01	2.00	0.00	1.00	0.00
15.00	10.83	2.00	0.00	1.00	0.00	15.01	10.56	2.00	0.00	1.00	0.00
15.02	10.65	2.00	0.00	1.00	0.00	15.03	10.64	2.00	0.00	1.00	0.00
15.04	10.73	2.00	0.00	1.00	0.00	15.05	11.07	2.00	0.00	1.00	0.00
15.06	11.42	2.00	0.00	1.00	0.00	15.07	12.20	2.00	0.00	1.00	0.00
15.08	12.46	2.00	0.00	1.00	0.00	15.09	12.89	2.00	0.00	1.00	0.00
15.10	13.06	2.00	0.00	1.00	0.00	15.11	13.32	2.00	0.00	1.00	0.00
15.12	13.49	2.00	0.00	1.00	0.00	15.13	13.57	2.00	0.00	1.00	0.00
15.14	14.26	2.00	0.00	1.00	0.00	15.15	14.43	2.00	0.00	1.00	0.00
15.16	14.25	2.00	0.00	1.00	0.00	15.17	14.25	2.00	0.00	1.00	0.00
15.18	14.07	2.00	0.00	1.00	0.00	15.19	14.15	2.00	0.00	1.00	0.00
15.20	14.23	2.00	0.00	1.00	0.00	15.21	14.58	2.00	0.00	1.00	0.00
15.22	14.66	2.00	0.00	1.00	0.00	15.23	14.92	2.00	0.00	1.00	0.00
15.24	15.08	2.00	0.00	1.00	0.00	15.25	15.43	2.00	0.00	1.00	0.00
15.26	15.60	2.00	0.00	1.00	0.00	15.27	15.59	2.00	0.00	1.00	0.00
15.28	15.67	2.00	0.00	1.00	0.00	15.29	15.84	2.00	0.00	1.00	0.00
15.30	15.75	2.00	0.00	1.00	0.00	15.31	15.39	2.00	0.00	1.00	0.00
15.32	15.39	2.00	0.00	1.00	0.00	15.33	15.29	2.00	0.00	1.00	0.00
15.34	15.11	2.00	0.00	1.00	0.00	15.35	14.76	2.00	0.00	1.00	0.00
15.36	14.75	2.00	0.00	1.00	0.00	15.37	14.66	2.00	0.00	1.00	0.00
15.38	14.57	2.00	0.00	1.00	0.00	15.39	14.21	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

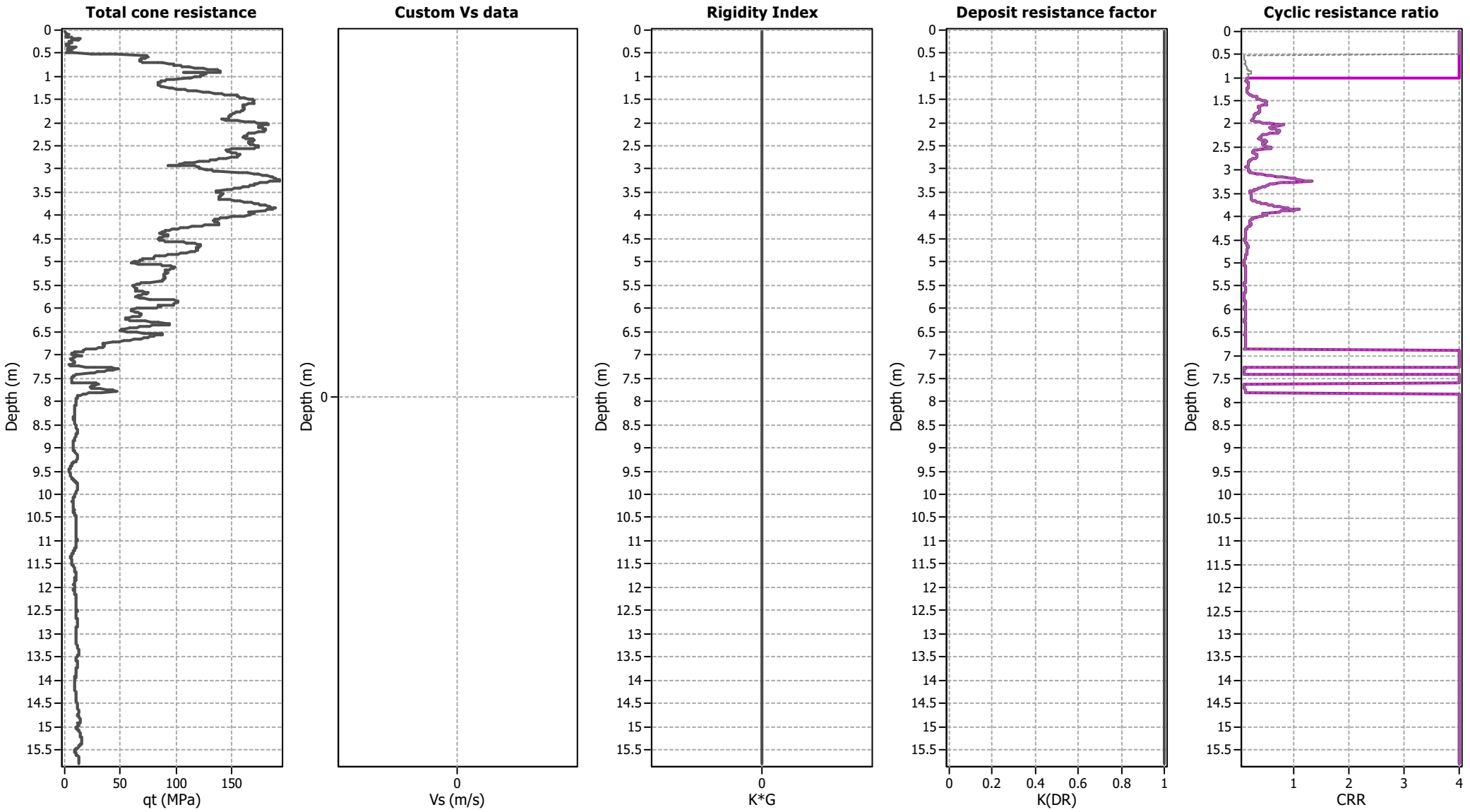
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	13.43	2.00	0.00	1.00	0.00	15.41	13.16	2.00	0.00	1.00	0.00
15.42	13.07	2.00	0.00	1.00	0.00	15.43	12.98	2.00	0.00	1.00	0.00
15.44	12.63	2.00	0.00	1.00	0.00	15.45	12.19	2.00	0.00	1.00	0.00
15.46	10.90	2.00	0.00	1.00	0.00	15.47	10.46	2.00	0.00	1.00	0.00
15.48	10.20	2.00	0.00	1.00	0.00	15.49	9.77	2.00	0.00	1.00	0.00
15.50	9.51	2.00	0.00	1.00	0.00	15.51	9.25	2.00	0.00	1.00	0.00
15.52	9.16	2.00	0.00	1.00	0.00	15.53	8.98	2.00	0.00	1.00	0.00
15.54	9.06	2.00	0.00	1.00	0.00	15.55	9.15	2.00	0.00	1.00	0.00
15.56	9.40	2.00	0.00	1.00	0.00	15.57	9.65	2.00	0.00	1.00	0.00
15.58	9.91	2.00	0.00	1.00	0.00	15.59	9.99	2.00	0.00	1.00	0.00
15.60	10.15	2.00	0.00	1.00	0.00	15.61	10.32	2.00	0.00	1.00	0.00
15.62	11.17	2.00	0.00	1.00	0.00	15.63	11.68	2.00	0.00	1.00	0.00
15.64	12.11	2.00	0.00	1.00	0.00	15.65	12.28	2.00	0.00	1.00	0.00
15.66	12.44	2.00	0.00	1.00	0.00	15.67	12.52	2.00	0.00	1.00	0.00
15.68	12.43	2.00	0.00	1.00	0.00	15.69	12.34	2.00	0.00	1.00	0.00
15.70	12.42	2.00	0.00	1.00	0.00	15.71	12.51	2.00	0.00	1.00	0.00
15.72	12.67	2.00	0.00	1.00	0.00	15.73	13.01	2.00	0.00	1.00	0.00
15.74	13.18	2.00	0.00	1.00	0.00	15.75	13.17	2.00	0.00	1.00	0.00
15.76	13.00	2.00	0.00	1.00	0.00	15.77	12.56	2.00	0.00	1.00	0.00
15.78	12.47	2.00	0.00	1.00	0.00	15.79	12.47	2.00	0.00	1.00	0.00
15.80	12.38	2.00	0.00	1.00	0.00						

Total estimated settlement: 11.77

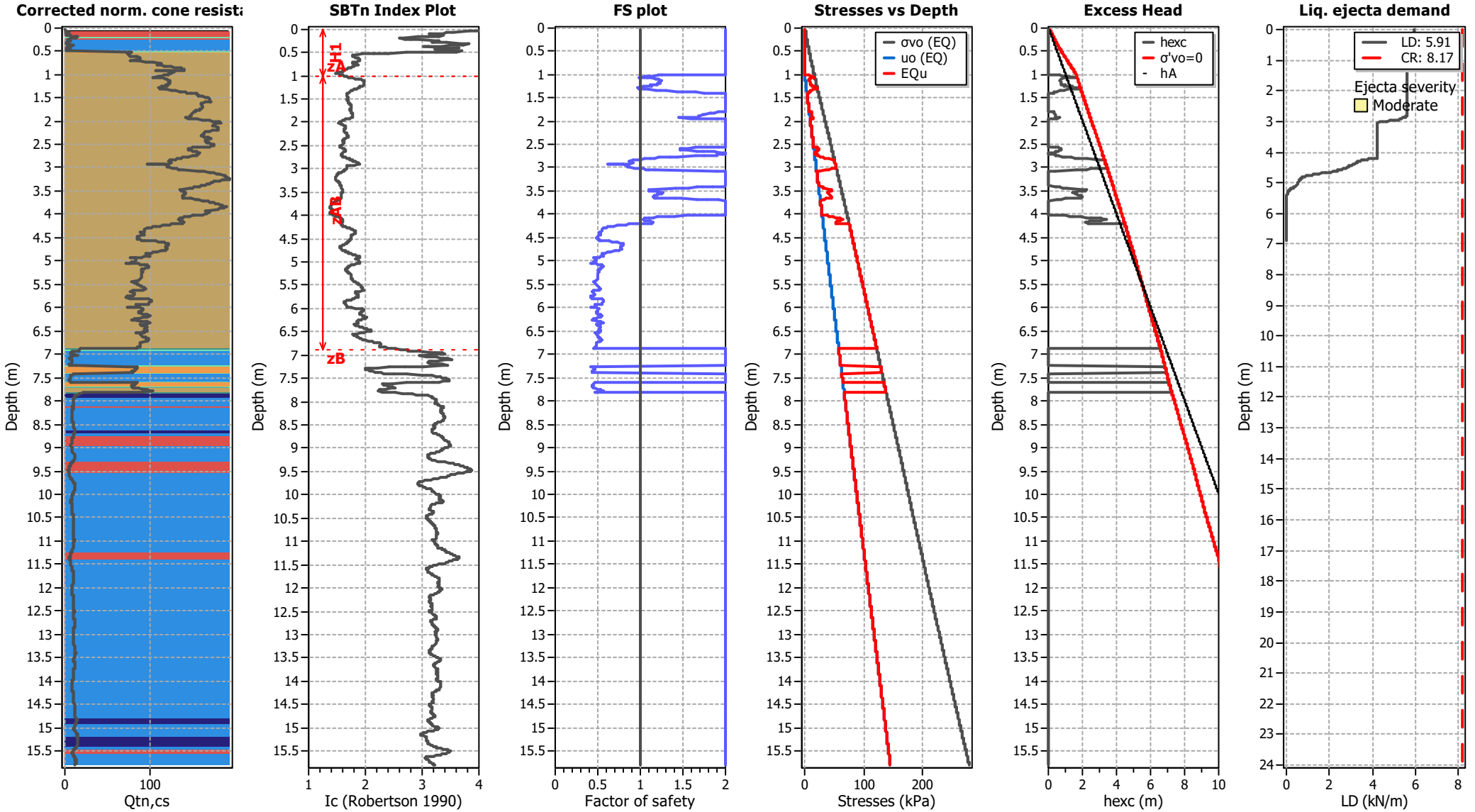
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



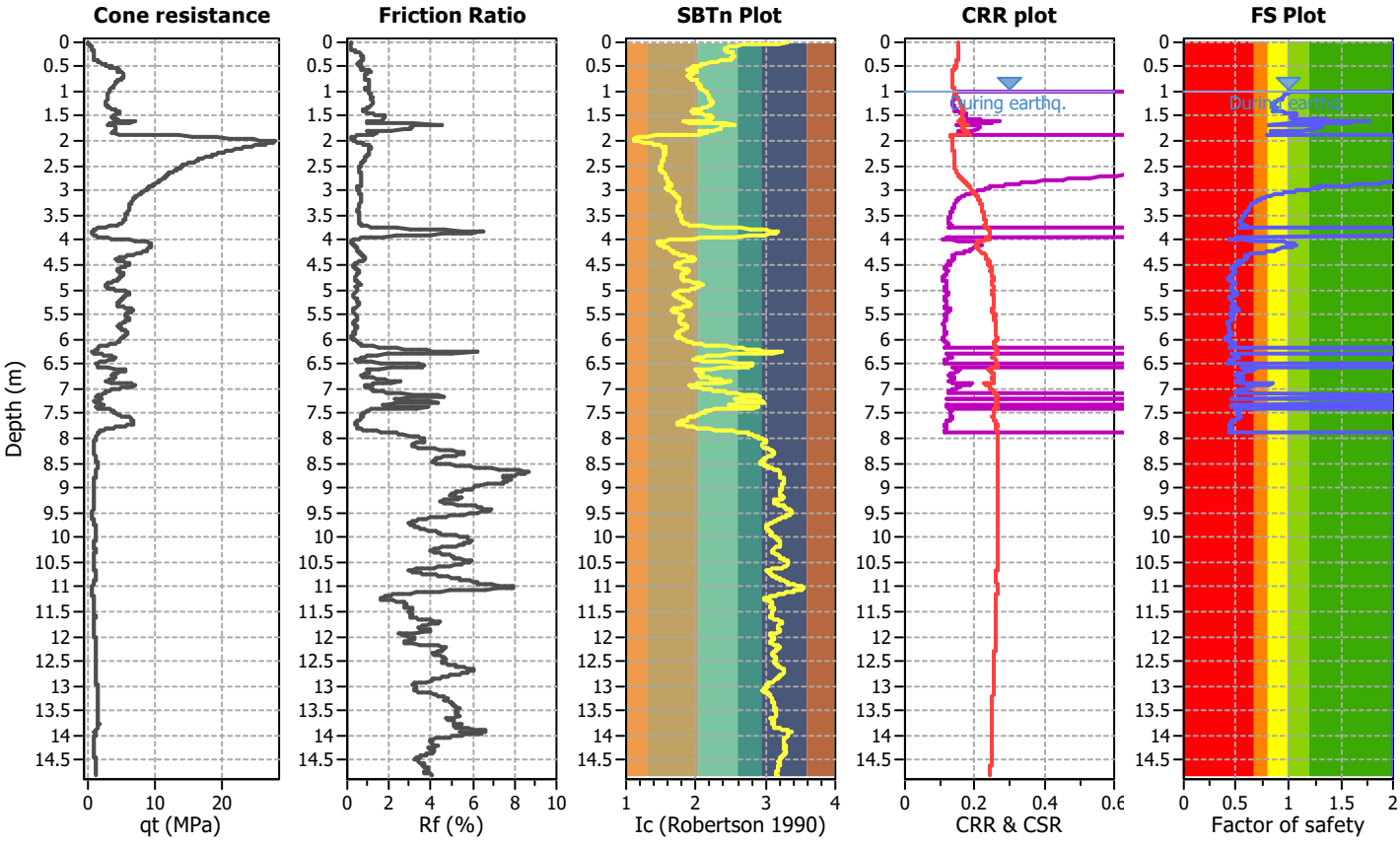
LIQUEFACTION ANALYSIS REPORT

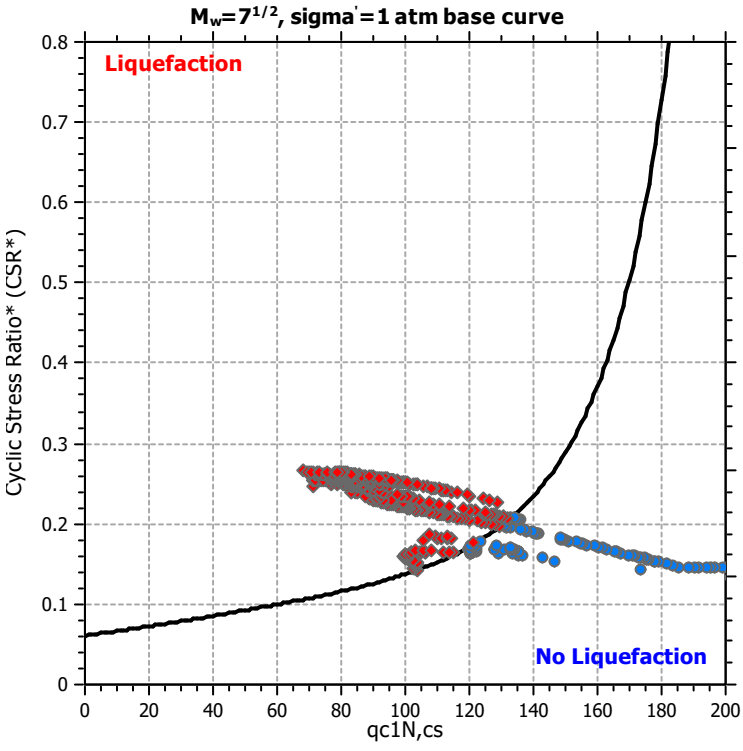
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

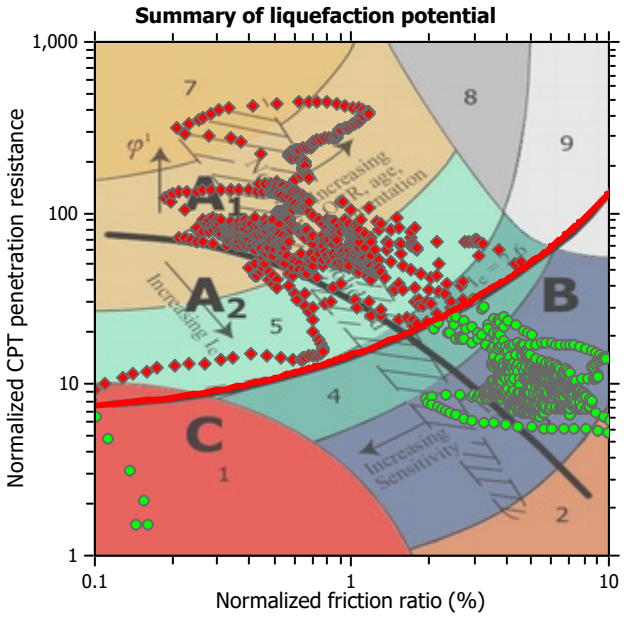
CPT file : 040008P1019CPTU1020

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

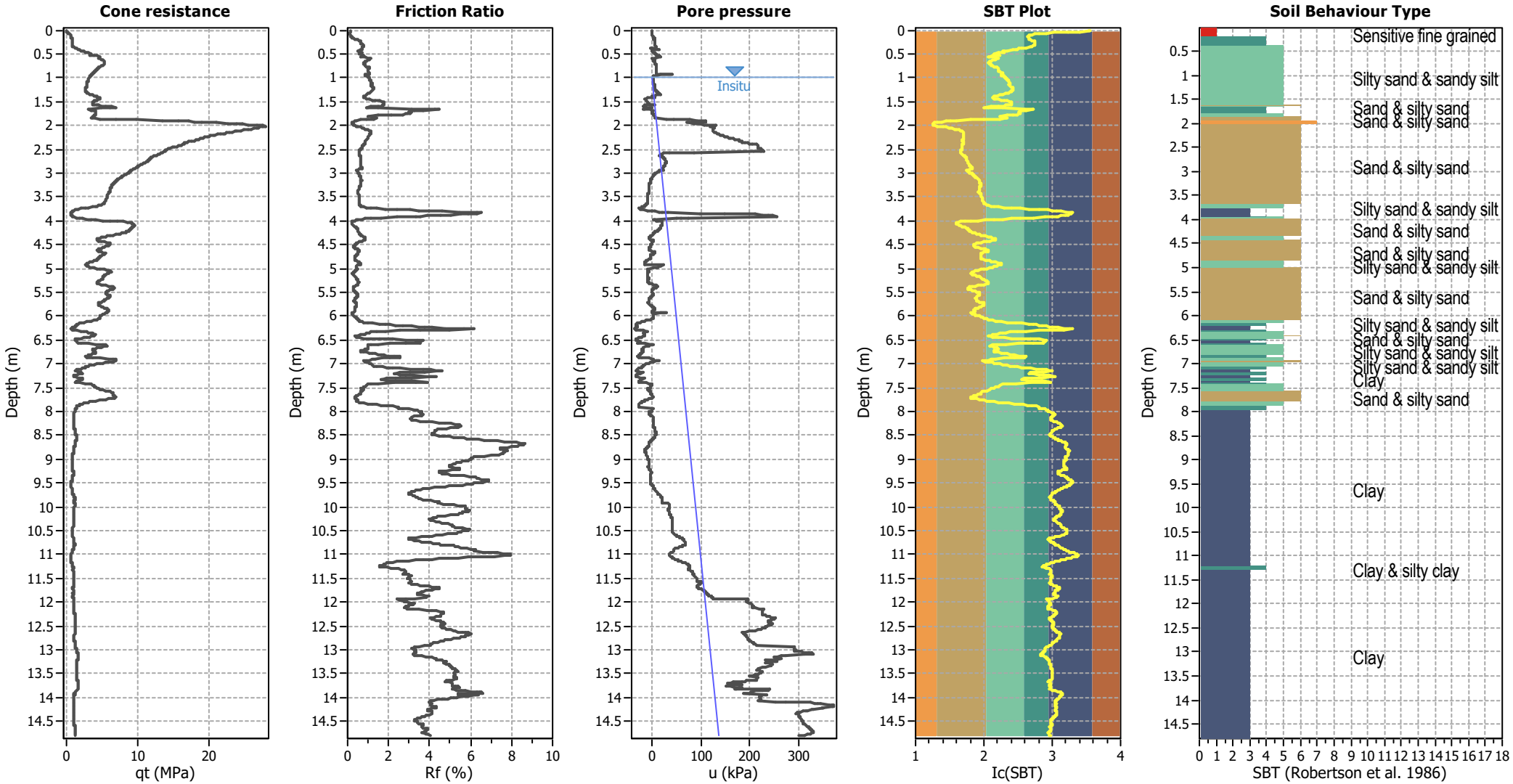






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



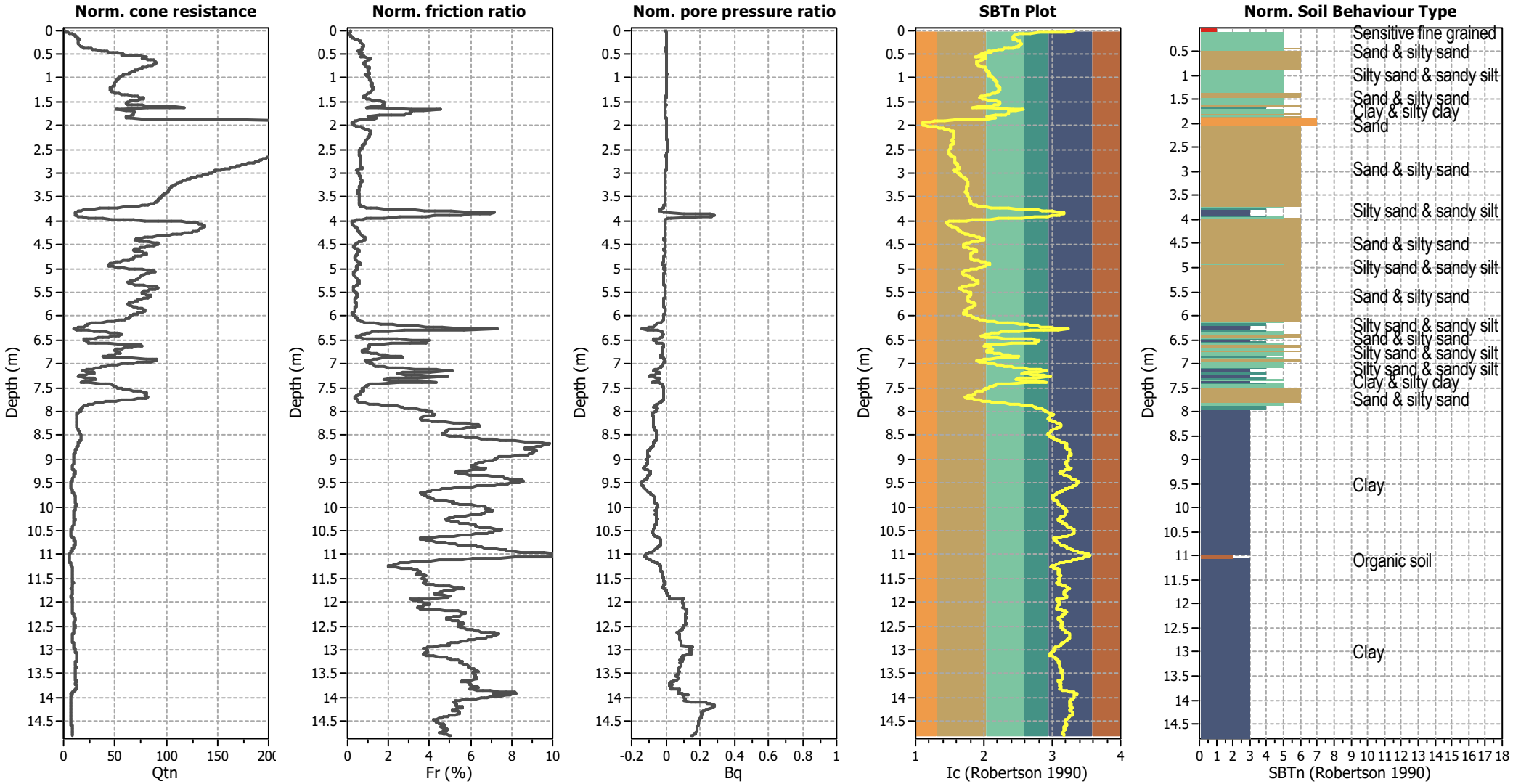
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



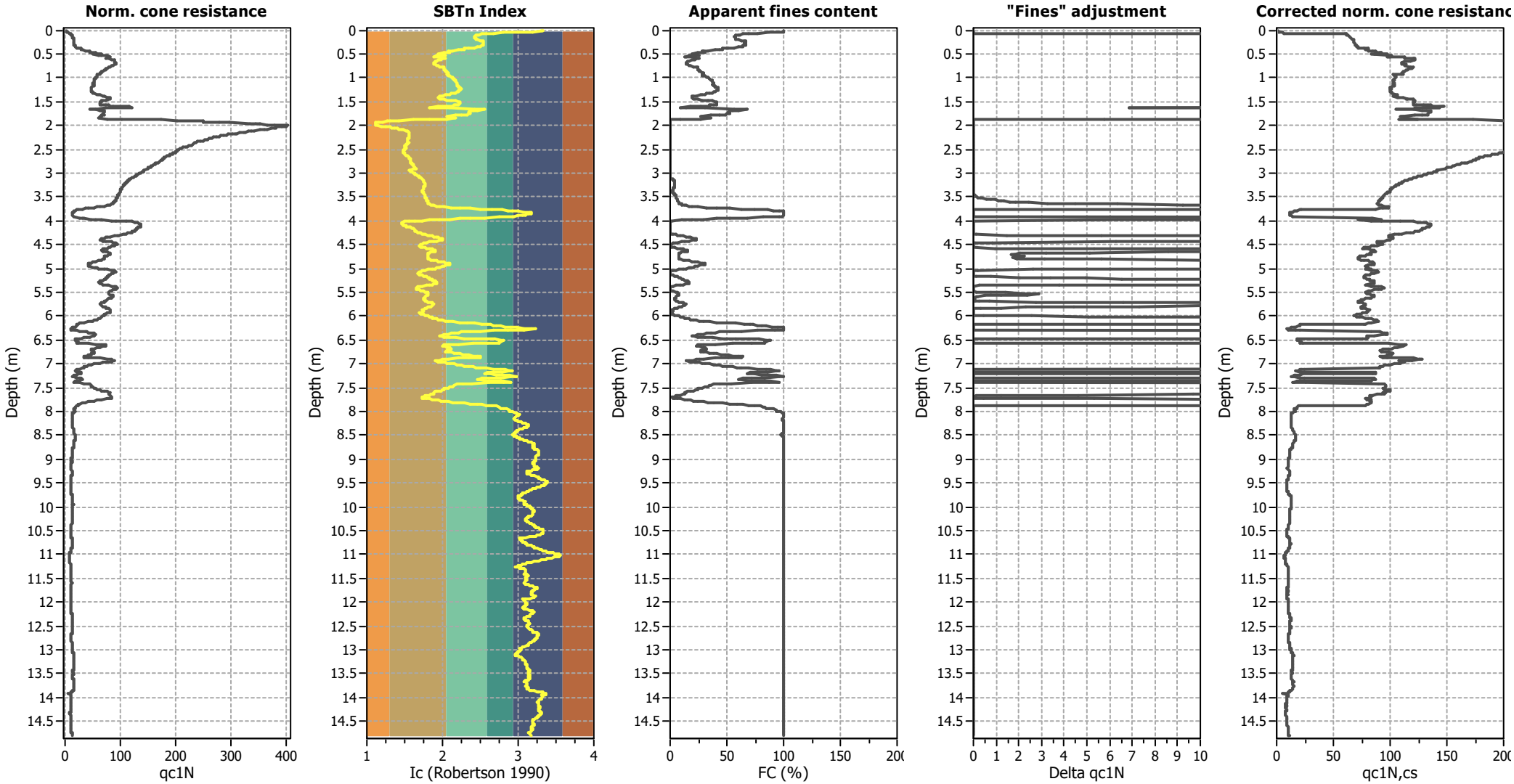
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

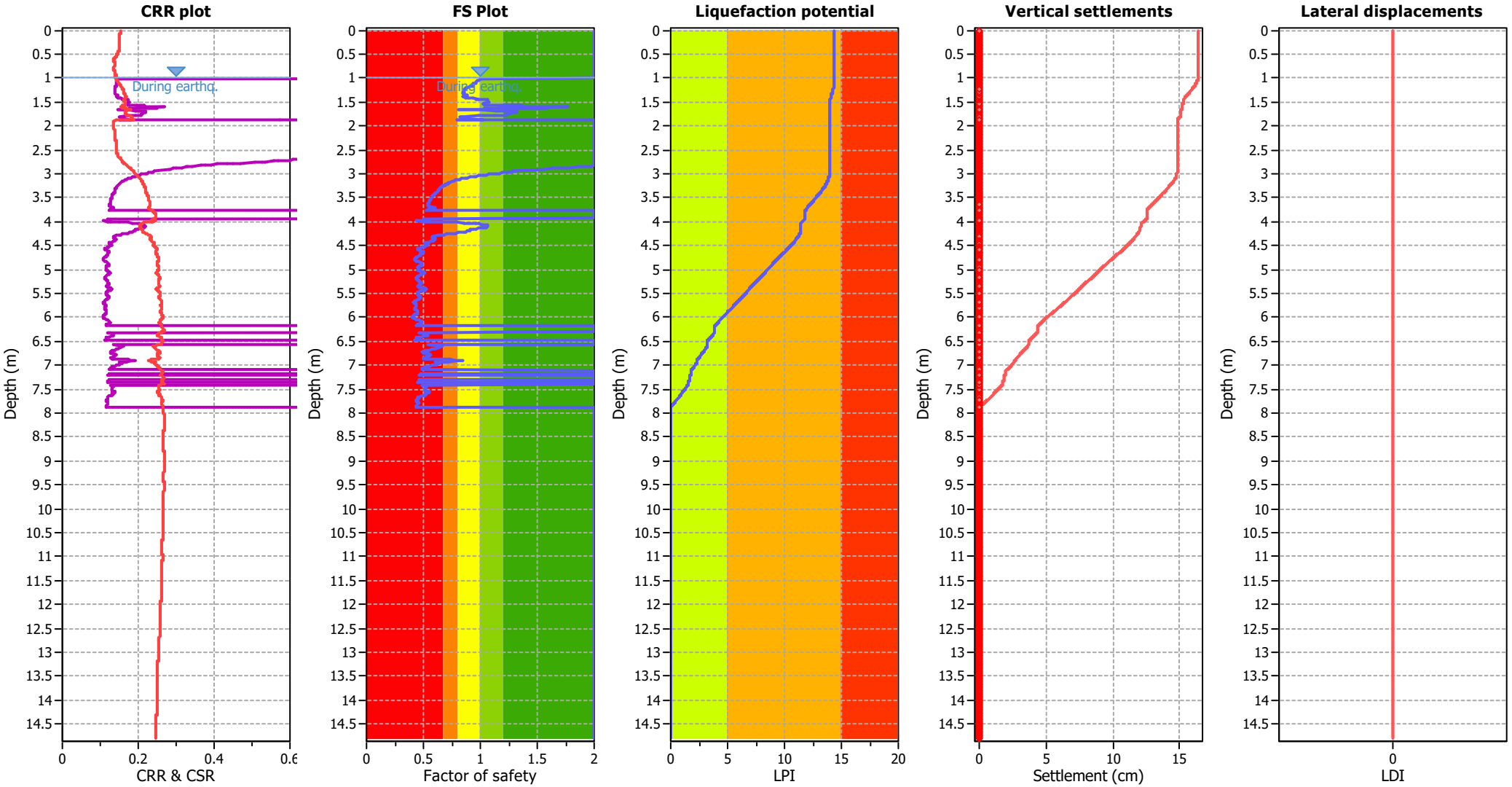
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

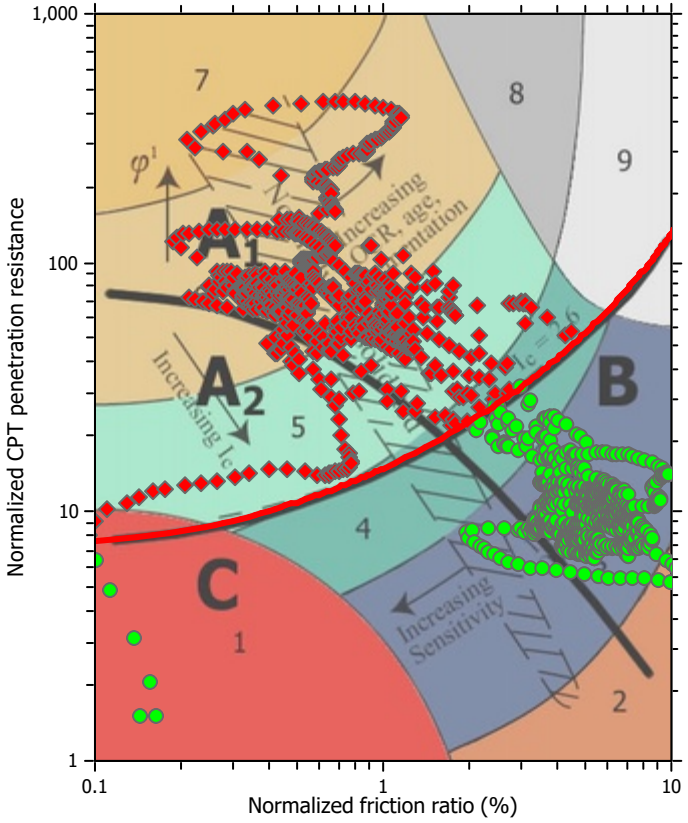
F.S. color scheme

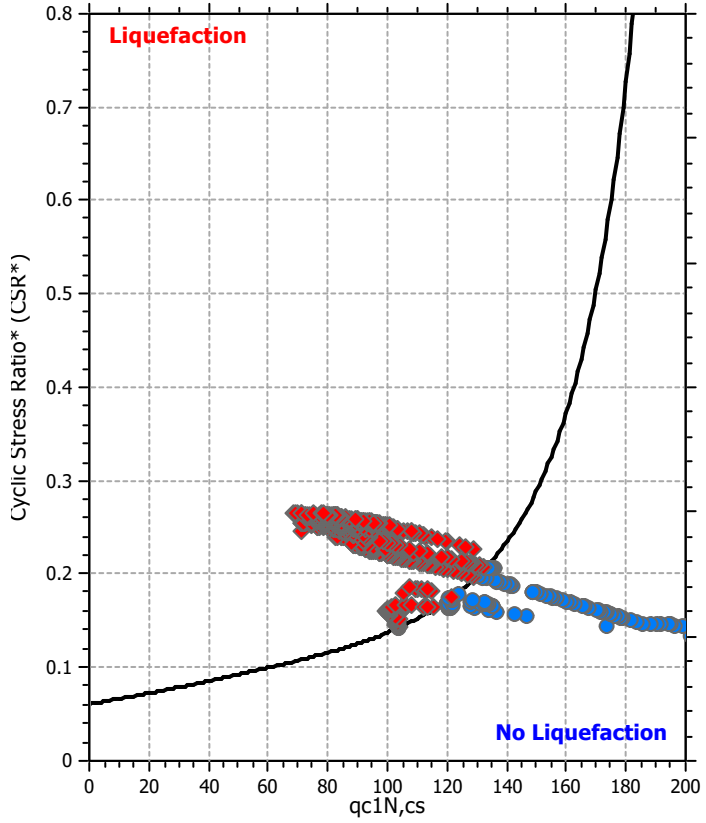
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

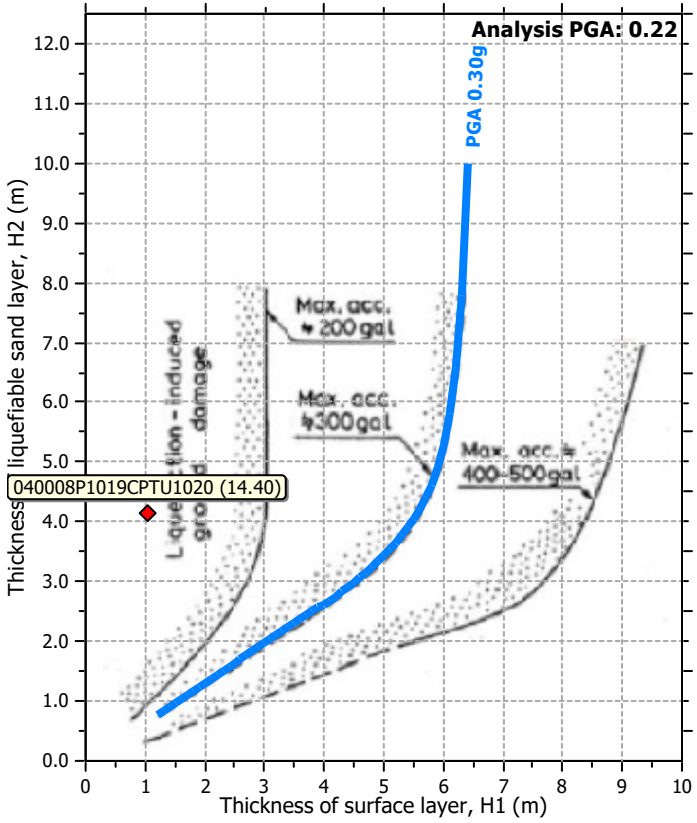
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



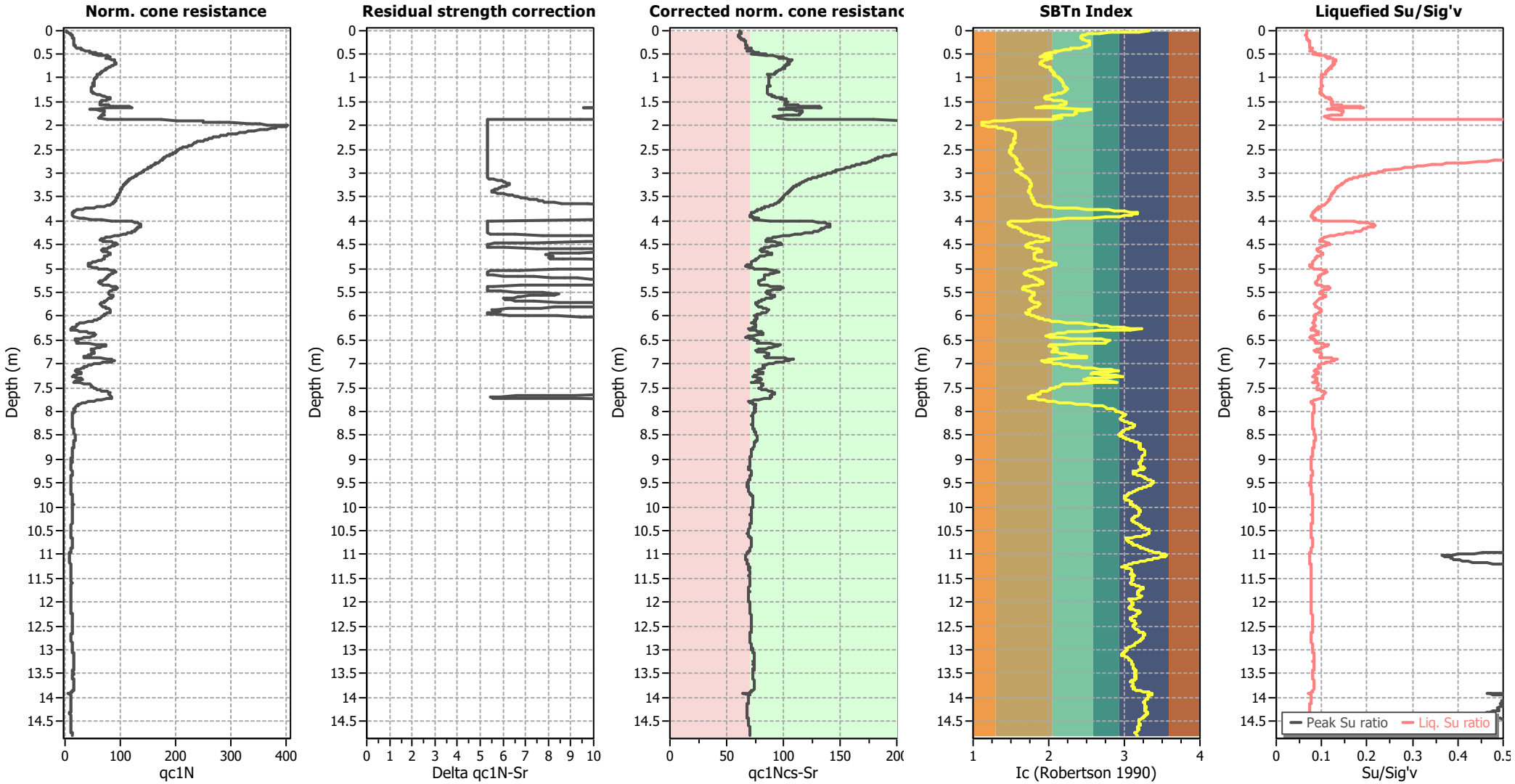




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.01	0.00	0.00	0.01	0.00	1.02	1.01	0.00	0.00	0.01	0.00
1.03	1.00	0.00	0.00	0.01	0.00	1.04	0.99	0.00	0.00	0.01	0.00
1.05	0.98	0.00	0.00	0.01	0.00	1.06	0.97	0.00	0.00	0.01	0.00
1.07	0.97	0.00	0.00	0.01	0.00	1.08	0.96	0.00	0.00	0.01	0.00
1.09	0.96	0.00	0.00	0.01	0.00	1.10	0.96	0.00	0.00	0.01	0.00
1.11	0.94	0.00	0.00	0.01	0.01	1.12	0.94	0.00	0.00	0.01	0.01
1.13	0.94	0.00	0.00	0.01	0.01	1.14	0.93	0.00	0.00	0.01	0.01
1.15	0.93	0.00	0.00	0.01	0.01	1.16	0.94	0.00	0.00	0.01	0.01
1.17	0.91	0.00	0.00	0.01	0.01	1.18	0.91	0.00	0.00	0.01	0.01
1.19	0.89	0.00	0.00	0.01	0.01	1.20	0.89	0.00	0.00	0.01	0.01
1.21	0.87	0.00	0.00	0.01	0.01	1.22	0.87	0.00	0.00	0.01	0.01
1.23	0.87	0.00	0.00	0.01	0.01	1.24	0.86	0.14	2.97	0.01	0.01
1.25	0.86	0.00	0.00	0.01	0.01	1.26	0.86	0.14	2.89	0.01	0.01
1.27	0.85	0.15	2.80	0.01	0.01	1.28	0.85	0.15	2.63	0.01	0.01
1.29	0.85	0.15	2.84	0.01	0.01	1.30	0.85	0.15	2.80	0.01	0.01
1.31	0.86	0.14	2.89	0.01	0.01	1.32	0.85	0.15	2.83	0.01	0.01
1.33	0.85	0.15	2.63	0.01	0.01	1.34	0.88	0.00	0.00	0.01	0.01
1.35	0.88	0.00	0.00	0.01	0.01	1.36	0.89	0.00	0.00	0.01	0.01
1.37	0.88	0.00	0.00	0.01	0.01	1.38	0.88	0.00	0.00	0.01	0.01
1.39	0.84	0.16	2.49	0.01	0.01	1.40	0.87	0.00	0.00	0.01	0.01
1.41	0.90	0.00	0.00	0.01	0.01	1.42	0.94	0.00	0.00	0.01	0.01
1.43	0.99	0.00	0.00	0.01	0.00	1.44	0.96	0.00	0.00	0.01	0.00
1.45	1.07	0.00	0.00	0.01	0.00	1.46	1.06	0.00	0.00	0.01	0.00
1.47	1.06	0.00	0.00	0.01	0.00	1.48	1.07	0.00	0.00	0.01	0.00
1.49	1.07	0.00	0.00	0.01	0.00	1.50	1.08	0.00	0.00	0.01	0.00
1.51	1.05	0.00	0.00	0.01	0.00	1.52	1.03	0.00	0.00	0.01	0.00
1.53	1.03	0.00	0.00	0.01	0.00	1.54	1.03	0.00	0.00	0.01	0.00
1.55	1.03	0.00	0.00	0.01	0.00	1.56	1.06	0.00	0.00	0.01	0.00
1.57	1.21	0.00	0.00	0.01	0.00	1.58	1.36	0.00	0.00	0.01	0.00
1.59	1.39	0.00	0.00	0.01	0.00	1.60	1.31	0.00	0.00	0.01	0.00
1.61	1.77	0.00	0.00	0.01	0.00	1.62	1.16	0.00	0.00	0.01	0.00
1.63	1.59	0.00	0.00	0.01	0.00	1.64	1.04	0.00	0.00	0.01	0.00
1.65	1.03	0.00	0.00	0.01	0.00	1.66	0.81	0.19	1.74	0.01	0.02
1.67	1.00	0.00	0.00	0.01	0.00	1.68	1.14	0.00	0.00	0.01	0.00
1.69	1.22	0.00	0.00	0.01	0.00	1.70	1.33	0.00	0.00	0.01	0.00
1.71	1.33	0.00	0.00	0.01	0.00	1.72	1.31	0.00	0.00	0.01	0.00
1.73	1.28	0.00	0.00	0.01	0.00	1.74	1.26	0.00	0.00	0.01	0.00
1.75	1.24	0.00	0.00	0.01	0.00	1.76	1.24	0.00	0.00	0.01	0.00
1.77	1.23	0.00	0.00	0.01	0.00	1.78	1.13	0.00	0.00	0.01	0.00
1.79	0.99	0.00	0.00	0.01	0.00	1.80	0.83	0.17	2.14	0.01	0.02
1.81	0.82	0.18	1.99	0.01	0.02	1.82	0.85	0.15	2.54	0.01	0.01
1.83	0.86	0.00	0.00	0.01	0.01	1.84	0.88	0.00	0.00	0.01	0.01
1.85	0.86	0.00	0.00	0.01	0.01	1.86	1.02	0.00	0.00	0.01	0.00
1.87	0.79	0.21	1.58	0.01	0.02	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	2.00	0.00	0.00	0.01	0.00	1.94	2.00	0.00	0.00	0.01	0.00
1.95	2.00	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	2.00	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	2.00	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	2.00	0.00	0.00	0.01	0.00
2.81	2.00	0.00	0.00	0.01	0.00	2.82	2.00	0.00	0.00	0.01	0.00
2.83	2.00	0.00	0.00	0.01	0.00	2.84	1.98	0.00	0.00	0.01	0.00
2.85	1.91	0.00	0.00	0.01	0.00	2.86	1.86	0.00	0.00	0.01	0.00
2.87	1.78	0.00	0.00	0.01	0.00	2.88	1.68	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.62	0.00	0.00	0.01	0.00	2.90	1.57	0.00	0.00	0.01	0.00
2.91	1.56	0.00	0.00	0.01	0.00	2.92	1.56	0.00	0.00	0.01	0.00
2.93	1.29	0.00	0.00	0.01	0.00	2.94	1.31	0.00	0.00	0.01	0.00
2.95	1.29	0.00	0.00	0.01	0.00	2.96	1.26	0.00	0.00	0.01	0.00
2.97	1.24	0.00	0.00	0.01	0.00	2.98	1.19	0.00	0.00	0.01	0.00
2.99	1.17	0.00	0.00	0.01	0.00	3.00	1.14	0.00	0.00	0.01	0.00
3.01	1.07	0.00	0.00	0.01	0.00	3.02	1.05	0.00	0.00	0.01	0.00
3.03	1.03	0.00	0.00	0.01	0.00	3.04	0.99	0.00	0.00	0.01	0.00
3.05	0.97	0.00	0.00	0.01	0.00	3.06	0.95	0.00	0.00	0.01	0.00
3.07	0.91	0.00	0.00	0.01	0.01	3.08	0.89	0.00	0.00	0.01	0.01
3.09	0.87	0.00	0.00	0.01	0.01	3.10	0.84	0.16	2.31	0.01	0.01
3.11	0.82	0.18	1.95	0.01	0.02	3.12	0.80	0.20	1.70	0.01	0.02
3.13	0.79	0.21	1.50	0.01	0.02	3.14	0.77	0.23	1.33	0.01	0.02
3.15	0.76	0.24	1.26	0.01	0.02	3.16	0.75	0.25	1.19	0.01	0.02
3.17	0.73	0.27	1.09	0.01	0.02	3.18	0.73	0.27	1.05	0.01	0.02
3.19	0.72	0.28	1.01	0.01	0.02	3.20	0.71	0.29	0.98	0.01	0.02
3.21	0.70	0.30	0.92	0.01	0.03	3.22	0.69	0.31	0.89	0.01	0.03
3.23	0.69	0.31	0.87	0.01	0.03	3.24	0.68	0.32	0.83	0.01	0.03
3.25	0.67	0.33	0.81	0.01	0.03	3.26	0.66	0.34	0.79	0.01	0.03
3.27	0.66	0.34	0.77	0.01	0.03	3.28	0.65	0.35	0.76	0.01	0.03
3.29	0.64	0.36	0.73	0.01	0.03	3.30	0.64	0.36	0.73	0.01	0.03
3.31	0.64	0.36	0.71	0.01	0.03	3.32	0.63	0.37	0.71	0.01	0.03
3.33	0.63	0.37	0.70	0.01	0.03	3.34	0.63	0.37	0.69	0.01	0.03
3.35	0.63	0.37	0.69	0.01	0.03	3.36	0.63	0.37	0.68	0.01	0.03
3.37	0.62	0.38	0.68	0.01	0.03	3.38	0.62	0.38	0.68	0.01	0.03
3.39	0.62	0.38	0.67	0.01	0.03	3.40	0.61	0.39	0.66	0.01	0.03
3.41	0.61	0.39	0.64	0.01	0.03	3.42	0.60	0.40	0.64	0.01	0.03
3.43	0.60	0.40	0.63	0.01	0.03	3.44	0.59	0.41	0.62	0.01	0.03
3.45	0.59	0.41	0.61	0.01	0.03	3.46	0.58	0.42	0.60	0.01	0.03
3.47	0.58	0.42	0.59	0.01	0.03	3.48	0.58	0.42	0.59	0.01	0.03
3.49	0.58	0.42	0.59	0.01	0.04	3.50	0.57	0.43	0.58	0.01	0.04
3.51	0.57	0.43	0.58	0.01	0.04	3.52	0.57	0.43	0.57	0.01	0.04
3.53	0.57	0.43	0.57	0.01	0.04	3.54	0.56	0.44	0.57	0.01	0.04
3.55	0.56	0.44	0.56	0.01	0.04	3.56	0.56	0.44	0.56	0.01	0.04
3.57	0.55	0.45	0.55	0.01	0.04	3.58	0.55	0.45	0.55	0.01	0.04
3.59	0.55	0.45	0.54	0.01	0.04	3.60	0.55	0.45	0.54	0.01	0.04
3.61	0.54	0.46	0.54	0.01	0.04	3.62	0.54	0.46	0.53	0.01	0.04
3.63	0.54	0.46	0.53	0.01	0.04	3.64	0.54	0.46	0.53	0.01	0.04
3.65	0.54	0.46	0.53	0.01	0.04	3.66	0.54	0.46	0.53	0.01	0.04
3.67	0.55	0.45	0.54	0.01	0.04	3.68	0.55	0.45	0.55	0.01	0.04
3.69	0.58	0.42	0.59	0.01	0.03	3.70	0.58	0.42	0.59	0.01	0.03
3.71	0.60	0.40	0.63	0.01	0.03	3.72	0.60	0.40	0.64	0.01	0.03
3.73	0.56	0.44	0.56	0.01	0.04	3.74	0.55	0.45	0.54	0.01	0.04
3.75	0.53	0.47	0.51	0.01	0.04	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	0.50	0.50	0.47	0.01	0.04	3.94	0.50	0.50	0.48	0.01	0.04
3.95	0.50	0.50	0.48	0.01	0.04	3.96	0.55	0.45	0.54	0.01	0.04
3.97	0.51	0.49	0.49	0.01	0.04	3.98	0.44	0.56	0.42	0.01	0.04
3.99	0.50	0.50	0.47	0.01	0.04	4.00	0.55	0.45	0.54	0.01	0.04
4.01	0.67	0.33	0.82	0.01	0.03	4.02	0.80	0.20	1.64	0.01	0.02
4.03	0.86	0.00	0.00	0.01	0.01	4.04	0.96	0.00	0.00	0.01	0.00
4.05	0.98	0.00	0.00	0.01	0.00	4.06	1.01	0.00	0.00	0.01	0.00
4.07	1.03	0.00	0.00	0.01	0.00	4.08	1.06	0.00	0.00	0.01	0.00
4.09	1.06	0.00	0.00	0.01	0.00	4.10	1.07	0.00	0.00	0.01	0.00
4.11	1.06	0.00	0.00	0.01	0.00	4.12	1.05	0.00	0.00	0.01	0.00
4.13	1.03	0.00	0.00	0.01	0.00	4.14	0.98	0.00	0.00	0.01	0.00
4.15	0.96	0.00	0.00	0.01	0.00	4.16	0.93	0.00	0.00	0.01	0.01
4.17	0.91	0.00	0.00	0.01	0.01	4.18	0.91	0.00	0.00	0.01	0.01
4.19	0.90	0.00	0.00	0.01	0.01	4.20	0.89	0.00	0.00	0.01	0.01
4.21	0.87	0.00	0.00	0.01	0.01	4.22	0.85	0.15	2.81	0.01	0.01
4.23	0.81	0.19	1.82	0.01	0.01	4.24	0.79	0.21	1.51	0.01	0.02
4.25	0.77	0.23	1.32	0.01	0.02	4.26	0.71	0.29	0.97	0.01	0.02
4.27	0.68	0.32	0.84	0.01	0.03	4.28	0.65	0.35	0.75	0.01	0.03
4.29	0.62	0.38	0.68	0.01	0.03	4.30	0.58	0.42	0.59	0.01	0.03
4.31	0.58	0.42	0.59	0.01	0.03	4.32	0.59	0.41	0.61	0.01	0.03
4.33	0.58	0.42	0.60	0.01	0.03	4.34	0.60	0.40	0.63	0.01	0.03
4.35	0.60	0.40	0.64	0.01	0.03	4.36	0.61	0.39	0.65	0.01	0.03
4.37	0.59	0.41	0.62	0.01	0.03	4.38	0.59	0.41	0.62	0.01	0.03
4.39	0.59	0.41	0.61	0.01	0.03	4.40	0.58	0.42	0.59	0.01	0.03
4.41	0.57	0.43	0.57	0.01	0.03	4.42	0.55	0.45	0.54	0.01	0.04
4.43	0.51	0.49	0.49	0.01	0.04	4.44	0.51	0.49	0.49	0.01	0.04
4.45	0.51	0.49	0.49	0.01	0.04	4.46	0.52	0.48	0.50	0.01	0.04
4.47	0.53	0.47	0.52	0.01	0.04	4.48	0.54	0.46	0.53	0.01	0.04
4.49	0.54	0.46	0.53	0.01	0.04	4.50	0.53	0.47	0.52	0.01	0.04
4.51	0.51	0.49	0.49	0.01	0.04	4.52	0.50	0.50	0.47	0.01	0.04
4.53	0.49	0.51	0.46	0.01	0.04	4.54	0.48	0.52	0.45	0.01	0.04
4.55	0.46	0.54	0.44	0.01	0.04	4.56	0.45	0.55	0.43	0.01	0.04
4.57	0.45	0.55	0.43	0.01	0.04	4.58	0.45	0.55	0.43	0.01	0.04
4.59	0.47	0.53	0.44	0.01	0.04	4.60	0.48	0.52	0.46	0.01	0.04
4.61	0.49	0.51	0.47	0.01	0.04	4.62	0.49	0.51	0.47	0.01	0.04
4.63	0.50	0.50	0.48	0.01	0.04	4.64	0.49	0.51	0.47	0.01	0.04
4.65	0.49	0.51	0.47	0.01	0.04	4.66	0.48	0.52	0.46	0.01	0.04
4.67	0.48	0.52	0.45	0.01	0.04	4.68	0.48	0.52	0.46	0.01	0.04
4.69	0.48	0.52	0.46	0.01	0.04	4.70	0.48	0.52	0.46	0.01	0.04
4.71	0.47	0.53	0.45	0.01	0.04	4.72	0.46	0.54	0.44	0.01	0.04
4.73	0.45	0.55	0.43	0.01	0.04	4.74	0.44	0.56	0.42	0.01	0.04
4.75	0.43	0.57	0.41	0.01	0.04	4.76	0.43	0.57	0.41	0.01	0.04
4.77	0.43	0.57	0.41	0.01	0.04	4.78	0.43	0.57	0.41	0.01	0.04
4.79	0.42	0.58	0.40	0.01	0.04	4.80	0.43	0.57	0.41	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.43	0.57	0.41	0.01	0.04	4.82	0.44	0.56	0.42	0.01	0.04
4.83	0.45	0.55	0.42	0.01	0.04	4.84	0.47	0.53	0.44	0.01	0.04
4.85	0.47	0.53	0.44	0.01	0.04	4.86	0.48	0.52	0.46	0.01	0.04
4.87	0.48	0.52	0.46	0.01	0.04	4.88	0.49	0.51	0.47	0.01	0.04
4.89	0.48	0.52	0.46	0.01	0.04	4.90	0.49	0.51	0.46	0.01	0.04
4.91	0.49	0.51	0.46	0.01	0.04	4.92	0.48	0.52	0.45	0.01	0.04
4.93	0.46	0.54	0.44	0.01	0.04	4.94	0.45	0.55	0.43	0.01	0.04
4.95	0.46	0.54	0.43	0.01	0.04	4.96	0.45	0.55	0.43	0.01	0.04
4.97	0.46	0.54	0.44	0.01	0.04	4.98	0.46	0.54	0.44	0.01	0.04
4.99	0.46	0.54	0.44	0.01	0.04	5.00	0.45	0.55	0.43	0.01	0.04
5.01	0.47	0.53	0.45	0.01	0.04	5.02	0.45	0.55	0.43	0.01	0.04
5.03	0.48	0.52	0.45	0.01	0.04	5.04	0.49	0.51	0.47	0.01	0.04
5.05	0.50	0.50	0.48	0.01	0.04	5.06	0.51	0.49	0.49	0.01	0.04
5.07	0.51	0.49	0.49	0.01	0.04	5.08	0.50	0.50	0.48	0.01	0.04
5.09	0.48	0.52	0.46	0.01	0.04	5.10	0.48	0.52	0.45	0.01	0.04
5.11	0.47	0.53	0.45	0.01	0.04	5.12	0.46	0.54	0.44	0.01	0.04
5.13	0.45	0.55	0.43	0.01	0.04	5.14	0.45	0.55	0.42	0.01	0.04
5.15	0.44	0.56	0.42	0.01	0.04	5.16	0.44	0.56	0.42	0.01	0.04
5.17	0.44	0.56	0.42	0.01	0.04	5.18	0.44	0.56	0.42	0.01	0.04
5.19	0.45	0.55	0.42	0.01	0.04	5.20	0.45	0.55	0.43	0.01	0.04
5.21	0.45	0.55	0.43	0.01	0.04	5.22	0.45	0.55	0.43	0.01	0.04
5.23	0.46	0.54	0.44	0.01	0.04	5.24	0.46	0.54	0.44	0.01	0.04
5.25	0.47	0.53	0.45	0.01	0.04	5.26	0.47	0.53	0.45	0.01	0.04
5.27	0.48	0.52	0.46	0.01	0.04	5.28	0.48	0.52	0.46	0.01	0.04
5.29	0.48	0.52	0.46	0.01	0.04	5.30	0.48	0.52	0.46	0.01	0.04
5.31	0.48	0.52	0.46	0.01	0.04	5.32	0.47	0.53	0.45	0.01	0.04
5.33	0.47	0.53	0.44	0.01	0.04	5.34	0.45	0.55	0.42	0.01	0.04
5.35	0.45	0.55	0.42	0.01	0.04	5.36	0.45	0.55	0.43	0.01	0.04
5.37	0.47	0.53	0.44	0.01	0.04	5.38	0.50	0.50	0.48	0.01	0.04
5.39	0.52	0.48	0.50	0.01	0.04	5.40	0.53	0.47	0.51	0.01	0.03
5.41	0.53	0.47	0.52	0.01	0.03	5.42	0.52	0.48	0.51	0.01	0.03
5.43	0.51	0.49	0.49	0.01	0.04	5.44	0.50	0.50	0.48	0.01	0.04
5.45	0.48	0.52	0.45	0.01	0.04	5.46	0.47	0.53	0.44	0.01	0.04
5.47	0.46	0.54	0.44	0.01	0.04	5.48	0.45	0.55	0.43	0.01	0.04
5.49	0.44	0.56	0.42	0.01	0.04	5.50	0.44	0.56	0.42	0.01	0.04
5.51	0.44	0.56	0.42	0.01	0.04	5.52	0.45	0.55	0.43	0.01	0.04
5.53	0.46	0.54	0.43	0.01	0.04	5.54	0.46	0.54	0.44	0.01	0.04
5.55	0.46	0.54	0.44	0.01	0.04	5.56	0.47	0.53	0.44	0.01	0.04
5.57	0.48	0.52	0.45	0.01	0.04	5.58	0.48	0.52	0.46	0.01	0.04
5.59	0.48	0.52	0.45	0.01	0.04	5.60	0.47	0.53	0.45	0.01	0.04
5.61	0.46	0.54	0.44	0.01	0.04	5.62	0.46	0.54	0.43	0.01	0.04
5.63	0.44	0.56	0.42	0.01	0.04	5.64	0.44	0.56	0.41	0.01	0.04
5.65	0.43	0.57	0.41	0.01	0.04	5.66	0.43	0.57	0.41	0.01	0.04
5.67	0.42	0.58	0.40	0.01	0.04	5.68	0.42	0.58	0.40	0.01	0.04
5.69	0.42	0.58	0.40	0.01	0.04	5.70	0.42	0.58	0.40	0.01	0.04
5.71	0.42	0.58	0.40	0.01	0.04	5.72	0.43	0.57	0.41	0.01	0.04
5.73	0.44	0.56	0.42	0.01	0.04	5.74	0.44	0.56	0.42	0.01	0.04
5.75	0.44	0.56	0.42	0.01	0.04	5.76	0.44	0.56	0.42	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.44	0.56	0.42	0.01	0.04	5.78	0.43	0.57	0.41	0.01	0.04
5.79	0.43	0.57	0.41	0.01	0.04	5.80	0.43	0.57	0.41	0.01	0.04
5.81	0.43	0.57	0.41	0.01	0.04	5.82	0.43	0.57	0.41	0.01	0.04
5.83	0.43	0.57	0.41	0.01	0.04	5.84	0.44	0.56	0.42	0.01	0.04
5.85	0.45	0.55	0.43	0.01	0.04	5.86	0.45	0.55	0.43	0.01	0.04
5.87	0.45	0.55	0.43	0.01	0.04	5.88	0.45	0.55	0.43	0.01	0.04
5.89	0.45	0.55	0.43	0.01	0.04	5.90	0.45	0.55	0.42	0.01	0.04
5.91	0.44	0.56	0.42	0.01	0.04	5.92	0.44	0.56	0.42	0.01	0.04
5.93	0.43	0.57	0.41	0.01	0.04	5.94	0.43	0.57	0.41	0.01	0.04
5.95	0.42	0.58	0.40	0.01	0.04	5.96	0.42	0.58	0.40	0.01	0.04
5.97	0.41	0.59	0.39	0.01	0.04	5.98	0.40	0.60	0.39	0.01	0.04
5.99	0.40	0.60	0.38	0.01	0.04	6.00	0.40	0.60	0.39	0.01	0.04
6.01	0.41	0.59	0.39	0.01	0.04	6.02	0.42	0.58	0.40	0.01	0.04
6.03	0.43	0.57	0.41	0.01	0.04	6.04	0.44	0.56	0.42	0.01	0.04
6.05	0.45	0.55	0.43	0.01	0.04	6.06	0.46	0.54	0.44	0.01	0.04
6.07	0.47	0.53	0.45	0.01	0.04	6.08	0.48	0.52	0.46	0.01	0.04
6.09	0.48	0.52	0.45	0.01	0.04	6.10	0.48	0.52	0.46	0.01	0.04
6.11	0.48	0.52	0.46	0.01	0.04	6.12	0.49	0.51	0.47	0.01	0.04
6.13	0.46	0.54	0.44	0.01	0.04	6.14	0.45	0.55	0.43	0.01	0.04
6.15	0.45	0.55	0.42	0.01	0.04	6.16	0.44	0.56	0.41	0.01	0.04
6.17	0.43	0.57	0.41	0.01	0.04	6.18	2.00	0.00	0.00	0.01	0.00
6.19	2.00	0.00	0.00	0.01	0.00	6.20	2.00	0.00	0.00	0.01	0.00
6.21	2.00	0.00	0.00	0.01	0.00	6.22	2.00	0.00	0.00	0.01	0.00
6.23	2.00	0.00	0.00	0.01	0.00	6.24	2.00	0.00	0.00	0.01	0.00
6.25	2.00	0.00	0.00	0.01	0.00	6.26	2.00	0.00	0.00	0.01	0.00
6.27	2.00	0.00	0.00	0.01	0.00	6.28	2.00	0.00	0.00	0.01	0.00
6.29	2.00	0.00	0.00	0.01	0.00	6.30	2.00	0.00	0.00	0.01	0.00
6.31	0.46	0.54	0.43	0.01	0.04	6.32	0.49	0.51	0.47	0.01	0.03
6.33	0.50	0.50	0.48	0.01	0.03	6.34	0.51	0.49	0.49	0.01	0.03
6.35	0.52	0.48	0.50	0.01	0.03	6.36	0.54	0.46	0.53	0.01	0.03
6.37	0.53	0.47	0.52	0.01	0.03	6.38	0.53	0.47	0.51	0.01	0.03
6.39	0.51	0.49	0.49	0.01	0.03	6.40	0.47	0.53	0.45	0.01	0.04
6.41	0.44	0.56	0.42	0.01	0.04	6.42	0.44	0.56	0.42	0.01	0.04
6.43	0.44	0.56	0.42	0.01	0.04	6.44	0.45	0.55	0.42	0.01	0.04
6.45	0.45	0.55	0.42	0.01	0.04	6.46	0.44	0.56	0.42	0.01	0.04
6.47	0.44	0.56	0.42	0.01	0.04	6.48	0.42	0.58	0.40	0.01	0.04
6.49	2.00	0.00	0.00	0.01	0.00	6.50	2.00	0.00	0.00	0.01	0.00
6.51	2.00	0.00	0.00	0.01	0.00	6.52	2.00	0.00	0.00	0.01	0.00
6.53	2.00	0.00	0.00	0.01	0.00	6.54	2.00	0.00	0.00	0.01	0.00
6.55	2.00	0.00	0.00	0.01	0.00	6.56	2.00	0.00	0.00	0.01	0.00
6.57	2.00	0.00	0.00	0.01	0.00	6.58	0.54	0.46	0.53	0.01	0.03
6.59	0.61	0.39	0.65	0.01	0.03	6.60	0.65	0.35	0.76	0.01	0.02
6.61	0.67	0.33	0.81	0.01	0.02	6.62	0.64	0.36	0.72	0.01	0.02
6.63	0.64	0.36	0.73	0.01	0.02	6.64	0.64	0.36	0.72	0.01	0.02
6.65	0.60	0.40	0.63	0.01	0.03	6.66	0.59	0.41	0.61	0.01	0.03
6.67	0.57	0.43	0.58	0.01	0.03	6.68	0.56	0.44	0.55	0.01	0.03
6.69	0.54	0.46	0.53	0.01	0.03	6.70	0.51	0.49	0.49	0.01	0.03
6.71	0.50	0.50	0.48	0.01	0.03	6.72	0.49	0.51	0.47	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.50	0.50	0.47	0.01	0.03	6.74	0.50	0.50	0.48	0.01	0.03
6.75	0.52	0.48	0.51	0.01	0.03	6.76	0.54	0.46	0.53	0.01	0.03
6.77	0.56	0.44	0.57	0.01	0.03	6.78	0.57	0.43	0.58	0.01	0.03
6.79	0.56	0.44	0.56	0.01	0.03	6.80	0.55	0.45	0.55	0.01	0.03
6.81	0.54	0.46	0.53	0.01	0.03	6.82	0.53	0.47	0.52	0.01	0.03
6.83	0.52	0.48	0.51	0.01	0.03	6.84	0.51	0.49	0.50	0.01	0.03
6.85	0.49	0.51	0.47	0.01	0.03	6.86	0.50	0.50	0.48	0.01	0.03
6.87	0.53	0.47	0.52	0.01	0.03	6.88	0.73	0.27	1.05	0.01	0.02
6.89	0.79	0.21	1.48	0.01	0.01	6.90	0.85	0.15	2.76	0.01	0.01
6.91	0.81	0.19	1.79	0.01	0.01	6.92	0.72	0.28	1.02	0.01	0.02
6.93	0.69	0.31	0.87	0.01	0.02	6.94	0.61	0.39	0.64	0.01	0.03
6.95	0.65	0.35	0.74	0.01	0.02	6.96	0.62	0.38	0.67	0.01	0.02
6.97	0.63	0.37	0.70	0.01	0.02	6.98	0.62	0.38	0.66	0.01	0.02
6.99	0.61	0.39	0.65	0.01	0.03	7.00	0.57	0.43	0.58	0.01	0.03
7.01	0.55	0.45	0.54	0.01	0.03	7.02	0.54	0.46	0.53	0.01	0.03
7.03	0.52	0.48	0.50	0.01	0.03	7.04	0.51	0.49	0.49	0.01	0.03
7.05	0.50	0.50	0.48	0.01	0.03	7.06	0.49	0.51	0.47	0.01	0.03
7.07	0.49	0.51	0.46	0.01	0.03	7.08	0.49	0.51	0.47	0.01	0.03
7.09	0.49	0.51	0.47	0.01	0.03	7.10	0.48	0.52	0.46	0.01	0.03
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	0.47	0.53	0.45	0.01	0.03	7.20	0.48	0.52	0.45	0.01	0.03
7.21	0.46	0.54	0.44	0.01	0.03	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	0.47	0.53	0.44	0.01	0.03	7.32	0.47	0.53	0.45	0.01	0.03
7.33	0.47	0.53	0.44	0.01	0.03	7.34	0.46	0.54	0.44	0.01	0.03
7.35	0.45	0.55	0.43	0.01	0.03	7.36	2.00	0.00	0.00	0.01	0.00
7.37	2.00	0.00	0.00	0.01	0.00	7.38	2.00	0.00	0.00	0.01	0.00
7.39	2.00	0.00	0.00	0.01	0.00	7.40	2.00	0.00	0.00	0.01	0.00
7.41	0.49	0.51	0.46	0.01	0.03	7.42	0.51	0.49	0.49	0.01	0.03
7.43	0.52	0.48	0.50	0.01	0.03	7.44	0.52	0.48	0.51	0.01	0.03
7.45	0.52	0.48	0.51	0.01	0.03	7.46	0.52	0.48	0.50	0.01	0.03
7.47	0.52	0.48	0.50	0.01	0.03	7.48	0.52	0.48	0.50	0.01	0.03
7.49	0.52	0.48	0.50	0.01	0.03	7.50	0.52	0.48	0.50	0.01	0.03
7.51	0.51	0.49	0.49	0.01	0.03	7.52	0.51	0.49	0.49	0.01	0.03
7.53	0.51	0.49	0.49	0.01	0.03	7.54	0.52	0.48	0.50	0.01	0.03
7.55	0.55	0.45	0.54	0.01	0.03	7.56	0.55	0.45	0.54	0.01	0.03
7.57	0.53	0.47	0.51	0.01	0.03	7.58	0.52	0.48	0.50	0.01	0.03
7.59	0.51	0.49	0.49	0.01	0.03	7.60	0.52	0.48	0.50	0.01	0.03
7.61	0.52	0.48	0.51	0.01	0.03	7.62	0.52	0.48	0.50	0.01	0.03
7.63	0.50	0.50	0.47	0.01	0.03	7.64	0.48	0.52	0.46	0.01	0.03
7.65	0.46	0.54	0.44	0.01	0.03	7.66	0.45	0.55	0.43	0.01	0.03
7.67	0.45	0.55	0.42	0.01	0.03	7.68	0.45	0.55	0.43	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.46	0.54	0.43	0.01	0.03	7.70	0.45	0.55	0.43	0.01	0.03
7.71	0.45	0.55	0.43	0.01	0.03	7.72	0.44	0.56	0.42	0.01	0.03
7.73	0.43	0.57	0.41	0.01	0.03	7.74	0.44	0.56	0.42	0.01	0.03
7.75	0.44	0.56	0.42	0.01	0.03	7.76	0.45	0.55	0.43	0.01	0.03
7.77	0.45	0.55	0.43	0.01	0.03	7.78	0.46	0.54	0.43	0.01	0.03
7.79	0.45	0.55	0.42	0.01	0.03	7.80	0.45	0.55	0.43	0.01	0.03
7.81	0.45	0.55	0.43	0.01	0.03	7.82	0.45	0.55	0.43	0.01	0.03
7.83	0.45	0.55	0.43	0.01	0.03	7.84	0.44	0.56	0.42	0.01	0.03
7.85	0.44	0.56	0.42	0.01	0.03	7.86	0.44	0.56	0.42	0.01	0.03
7.87	0.43	0.57	0.41	0.01	0.03	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00

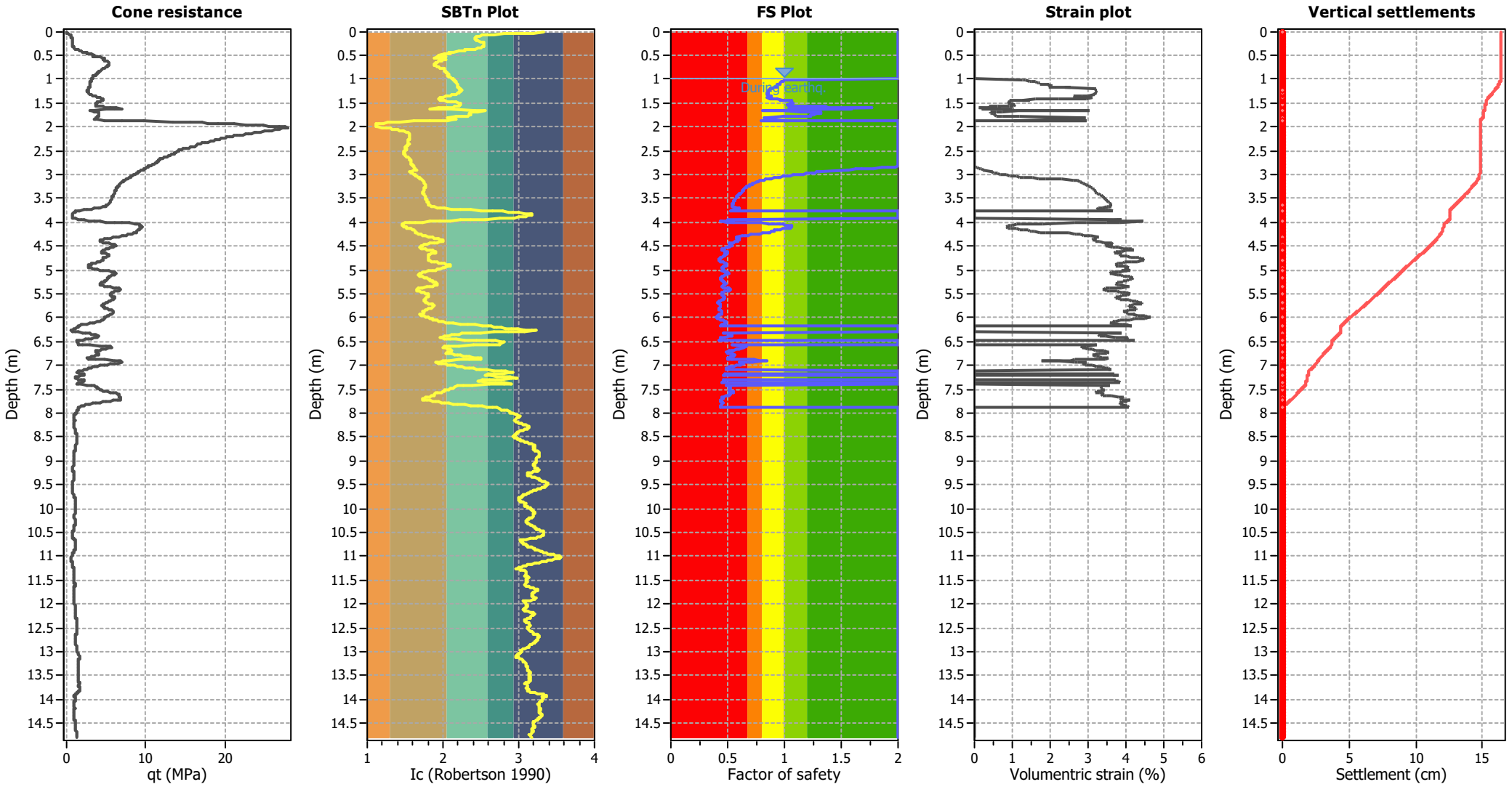
Overall liquefaction potential: 14.40

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	104.86	2.00	0.00	1.00	0.00	1.01	103.84	1.01	1.28	1.00	0.01
1.02	103.93	1.01	1.31	1.00	0.01	1.03	103.84	1.00	1.36	1.00	0.01
1.04	103.15	0.99	1.48	1.00	0.01	1.05	103.23	0.98	1.51	1.00	0.02
1.06	102.81	0.97	1.61	1.00	0.02	1.07	102.99	0.97	1.64	1.00	0.02
1.08	102.94	0.96	1.70	1.00	0.02	1.09	103.07	0.96	1.73	1.00	0.02
1.10	103.48	0.96	1.71	1.00	0.02	1.11	102.41	0.94	1.96	1.00	0.02
1.12	102.88	0.94	1.93	1.00	0.02	1.13	102.67	0.94	2.03	1.00	0.02
1.14	103.02	0.93	2.02	1.00	0.02	1.15	103.30	0.93	2.02	1.00	0.02
1.16	103.85	0.94	1.97	1.00	0.02	1.17	101.96	0.91	2.52	1.00	0.03
1.18	102.62	0.91	2.40	1.00	0.02	1.19	100.46	0.89	3.20	1.00	0.03
1.20	100.82	0.89	3.19	1.00	0.03	1.21	100.21	0.87	3.21	1.00	0.03
1.22	100.38	0.87	3.20	1.00	0.03	1.23	100.71	0.87	3.19	1.00	0.03
1.24	99.63	0.86	3.23	1.00	0.03	1.25	100.21	0.86	3.21	1.00	0.03
1.26	100.12	0.86	3.21	1.00	0.03	1.27	100.20	0.85	3.21	1.00	0.03
1.28	100.02	0.85	3.21	1.00	0.03	1.29	100.97	0.85	3.18	1.00	0.03
1.30	101.17	0.85	3.17	1.00	0.03	1.31	101.74	0.86	3.16	1.00	0.03
1.32	101.89	0.85	3.15	1.00	0.03	1.33	101.62	0.85	3.16	1.00	0.03
1.34	104.62	0.88	3.00	1.00	0.03	1.35	105.23	0.88	2.83	1.00	0.03
1.36	106.06	0.89	2.60	1.00	0.03	1.37	105.99	0.88	2.69	1.00	0.03
1.38	106.24	0.88	2.67	1.00	0.03	1.39	102.89	0.84	3.12	1.00	0.03
1.40	105.88	0.87	2.94	1.00	0.03	1.41	108.29	0.90	2.24	1.00	0.02
1.42	111.88	0.94	1.63	1.00	0.02	1.43	115.29	0.99	1.28	1.00	0.01
1.44	113.69	0.96	1.46	1.00	0.01	1.45	120.69	1.07	0.93	1.00	0.01
1.46	120.65	1.06	0.94	1.00	0.01	1.47	120.71	1.06	0.94	1.00	0.01
1.48	121.20	1.07	0.93	1.00	0.01	1.49	121.78	1.07	0.90	1.00	0.01
1.50	122.25	1.08	0.88	1.00	0.01	1.51	120.85	1.05	0.97	1.00	0.01
1.52	119.94	1.03	1.04	1.00	0.01	1.53	120.22	1.03	1.03	1.00	0.01
1.54	119.92	1.03	1.06	1.00	0.01	1.55	120.49	1.03	1.04	1.00	0.01
1.56	122.46	1.06	0.92	1.00	0.01	1.57	129.54	1.21	0.60	1.00	0.01
1.58	135.57	1.36	0.40	1.00	0.00	1.59	136.71	1.39	0.37	1.00	0.00
1.60	133.99	1.31	0.46	1.00	0.00	1.61	147.08	1.77	0.10	1.00	0.00
1.62	128.13	1.16	0.69	1.00	0.01	1.63	142.96	1.59	0.21	1.00	0.00
1.64	122.20	1.04	1.01	1.00	0.01	1.65	121.68	1.03	1.05	1.00	0.01
1.66	105.37	0.81	3.04	1.00	0.03	1.67	120.63	1.00	1.14	1.00	0.01
1.68	128.14	1.14	0.72	1.00	0.01	1.69	131.49	1.22	0.58	1.00	0.01
1.70	135.79	1.33	0.44	1.00	0.00	1.71	135.91	1.33	0.44	1.00	0.00
1.72	135.34	1.31	0.46	1.00	0.00	1.73	134.45	1.28	0.49	1.00	0.00
1.74	133.71	1.26	0.52	1.00	0.01	1.75	133.10	1.24	0.55	1.00	0.01
1.76	133.07	1.24	0.55	1.00	0.01	1.77	132.92	1.23	0.56	1.00	0.01
1.78	128.82	1.13	0.74	1.00	0.01	1.79	121.45	0.99	1.18	1.00	0.01
1.80	109.80	0.83	2.92	1.00	0.03	1.81	109.29	0.82	2.93	1.00	0.03
1.82	111.49	0.85	2.87	1.00	0.03	1.83	112.89	0.86	2.48	1.00	0.02
1.84	114.49	0.88	2.13	1.00	0.02	1.85	113.24	0.86	2.44	1.00	0.02
1.86	123.95	1.02	1.05	1.00	0.01	1.87	107.63	0.79	2.98	1.00	0.03
1.88	173.65	2.00	0.00	1.00	0.00	1.89	201.99	2.00	0.00	1.00	0.00
1.90	249.85	2.00	0.00	1.00	0.00	1.91	249.69	2.00	0.00	1.00	0.00
1.92	249.54	2.00	0.00	1.00	0.00	1.93	278.00	2.00	0.00	1.00	0.00
1.94	297.20	2.00	0.00	1.00	0.00	1.95	333.36	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	344.68	2.00	0.00	1.00	0.00	1.97	351.96	2.00	0.00	1.00	0.00
1.98	366.97	2.00	0.00	1.00	0.00	1.99	378.79	2.00	0.00	1.00	0.00
2.00	403.34	2.00	0.00	1.00	0.00	2.01	399.48	2.00	0.00	1.00	0.00
2.02	391.90	2.00	0.00	1.00	0.00	2.03	383.47	2.00	0.00	1.00	0.00
2.04	382.76	2.00	0.00	1.00	0.00	2.05	380.34	2.00	0.00	1.00	0.00
2.06	375.08	2.00	0.00	1.00	0.00	2.07	366.27	2.00	0.00	1.00	0.00
2.08	360.46	2.00	0.00	1.00	0.00	2.09	354.38	2.00	0.00	1.00	0.00
2.10	342.22	2.00	0.00	1.00	0.00	2.11	338.16	2.00	0.00	1.00	0.00
2.12	332.70	2.00	0.00	1.00	0.00	2.13	327.81	2.00	0.00	1.00	0.00
2.14	322.80	2.00	0.00	1.00	0.00	2.15	314.97	2.00	0.00	1.00	0.00
2.16	311.11	2.00	0.00	1.00	0.00	2.17	307.55	2.00	0.00	1.00	0.00
2.18	303.15	2.00	0.00	1.00	0.00	2.19	295.11	2.00	0.00	1.00	0.00
2.20	291.29	2.00	0.00	1.00	0.00	2.21	287.63	2.00	0.00	1.00	0.00
2.22	281.59	2.00	0.00	1.00	0.00	2.23	278.79	2.00	0.00	1.00	0.00
2.24	272.78	2.00	0.00	1.00	0.00	2.25	269.72	2.00	0.00	1.00	0.00
2.26	266.52	2.00	0.00	1.00	0.00	2.27	263.47	2.00	0.00	1.00	0.00
2.28	259.45	2.00	0.00	1.00	0.00	2.29	258.09	2.00	0.00	1.00	0.00
2.30	254.37	2.00	0.00	1.00	0.00	2.31	252.08	2.00	0.00	1.00	0.00
2.32	249.25	2.00	0.00	1.00	0.00	2.33	244.91	2.00	0.00	1.00	0.00
2.34	239.23	2.00	0.00	1.00	0.00	2.35	236.66	2.00	0.00	1.00	0.00
2.36	234.26	2.00	0.00	1.00	0.00	2.37	233.36	2.00	0.00	1.00	0.00
2.38	232.66	2.00	0.00	1.00	0.00	2.39	232.18	2.00	0.00	1.00	0.00
2.40	231.07	2.00	0.00	1.00	0.00	2.41	229.86	2.00	0.00	1.00	0.00
2.42	225.91	2.00	0.00	1.00	0.00	2.43	223.31	2.00	0.00	1.00	0.00
2.44	221.24	2.00	0.00	1.00	0.00	2.45	218.18	2.00	0.00	1.00	0.00
2.46	212.77	2.00	0.00	1.00	0.00	2.47	210.84	2.00	0.00	1.00	0.00
2.48	208.47	2.00	0.00	1.00	0.00	2.49	206.87	2.00	0.00	1.00	0.00
2.50	205.49	2.00	0.00	1.00	0.00	2.51	204.22	2.00	0.00	1.00	0.00
2.52	202.62	2.00	0.00	1.00	0.00	2.53	202.35	2.00	0.00	1.00	0.00
2.54	201.53	2.00	0.00	1.00	0.00	2.55	200.70	2.00	0.00	1.00	0.00
2.56	199.32	2.00	0.00	1.00	0.00	2.57	196.81	2.00	0.00	1.00	0.00
2.58	195.53	2.00	0.00	1.00	0.00	2.59	194.59	2.00	0.00	1.00	0.00
2.60	192.06	2.00	0.00	1.00	0.00	2.61	190.33	2.00	0.00	1.00	0.00
2.62	188.70	2.00	0.00	1.00	0.00	2.63	185.69	2.00	0.00	1.00	0.00
2.64	183.71	2.00	0.00	1.00	0.00	2.65	182.18	2.00	0.00	1.00	0.00
2.66	179.49	2.00	0.00	1.00	0.00	2.67	178.42	2.00	0.00	1.00	0.00
2.68	177.81	2.00	0.00	1.00	0.00	2.69	176.51	2.00	0.00	1.00	0.00
2.70	175.32	2.00	0.00	1.00	0.00	2.71	175.06	2.00	0.00	1.00	0.00
2.72	173.52	2.00	0.00	1.00	0.00	2.73	173.03	2.00	0.00	1.00	0.00
2.74	171.72	2.00	0.00	1.00	0.00	2.75	171.34	2.00	0.00	1.00	0.00
2.76	170.27	2.00	0.00	1.00	0.00	2.77	167.70	2.00	0.00	1.00	0.00
2.78	166.52	2.00	0.00	1.00	0.00	2.79	165.45	2.00	0.00	1.00	0.00
2.80	163.33	2.00	0.00	1.00	0.00	2.81	162.03	2.00	0.00	1.00	0.00
2.82	160.37	2.00	0.00	1.00	0.00	2.83	159.29	2.00	0.00	1.00	0.00
2.84	156.91	1.98	0.01	1.00	0.00	2.85	155.84	1.91	0.04	1.00	0.00
2.86	154.99	1.86	0.06	1.00	0.00	2.87	153.55	1.78	0.10	1.00	0.00
2.88	151.51	1.68	0.15	1.00	0.00	2.89	150.31	1.62	0.19	1.00	0.00
2.90	149.10	1.57	0.22	1.00	0.00	2.91	148.97	1.56	0.23	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	148.85	1.56	0.23	1.00	0.00	2.93	141.45	1.29	0.47	1.00	0.00
2.94	141.95	1.31	0.46	1.00	0.00	2.95	141.34	1.29	0.48	1.00	0.00
2.96	140.62	1.26	0.51	1.00	0.01	2.97	139.77	1.24	0.54	1.00	0.01
2.98	138.05	1.19	0.61	1.00	0.01	2.99	137.20	1.17	0.65	1.00	0.01
3.00	136.10	1.14	0.70	1.00	0.01	3.01	133.39	1.07	0.84	1.00	0.01
3.02	132.15	1.05	0.92	1.00	0.01	3.03	131.17	1.03	0.98	1.00	0.01
3.04	129.18	0.99	1.12	1.00	0.01	3.05	128.07	0.97	1.21	1.00	0.01
3.06	126.95	0.95	1.30	1.00	0.01	3.07	124.82	0.91	1.52	1.00	0.02
3.08	123.57	0.89	1.68	1.00	0.02	3.09	122.19	0.87	1.88	1.00	0.02
3.10	120.05	0.84	2.30	1.00	0.02	3.11	118.79	0.82	2.62	1.00	0.03
3.12	117.53	0.80	2.71	1.00	0.03	3.13	116.27	0.79	2.75	1.00	0.03
3.14	114.78	0.77	2.78	1.00	0.03	3.15	114.01	0.76	2.80	1.00	0.03
3.16	113.25	0.75	2.82	1.00	0.03	3.17	111.82	0.73	2.86	1.00	0.03
3.18	111.19	0.73	2.88	1.00	0.03	3.19	110.43	0.72	2.90	1.00	0.03
3.20	109.80	0.71	2.92	1.00	0.03	3.21	108.51	0.70	2.95	1.00	0.03
3.22	107.75	0.69	2.98	1.00	0.03	3.23	107.25	0.69	2.99	1.00	0.03
3.24	105.95	0.68	3.03	1.00	0.03	3.25	105.45	0.67	3.04	1.00	0.03
3.26	104.81	0.66	3.06	1.00	0.03	3.27	103.91	0.66	3.09	1.00	0.03
3.28	103.41	0.65	3.10	1.00	0.03	3.29	102.55	0.64	3.13	1.00	0.03
3.30	102.34	0.64	3.14	1.00	0.03	3.31	101.50	0.64	3.16	1.00	0.03
3.32	101.42	0.63	3.17	1.00	0.03	3.33	101.08	0.63	3.18	1.00	0.03
3.34	100.62	0.63	3.19	1.00	0.03	3.35	100.54	0.63	3.20	1.00	0.03
3.36	100.33	0.63	3.20	1.00	0.03	3.37	100.25	0.62	3.20	1.00	0.03
3.38	99.91	0.62	3.22	1.00	0.03	3.39	99.58	0.62	3.23	1.00	0.03
3.40	98.99	0.61	3.25	1.00	0.03	3.41	98.03	0.61	3.28	1.00	0.03
3.42	97.56	0.60	3.29	1.00	0.03	3.43	97.10	0.60	3.31	1.00	0.03
3.44	96.13	0.59	3.34	1.00	0.03	3.45	95.48	0.59	3.37	1.00	0.03
3.46	94.87	0.58	3.39	1.00	0.03	3.47	94.54	0.58	3.40	1.00	0.03
3.48	93.94	0.58	3.42	1.00	0.03	3.49	93.88	0.58	3.43	1.00	0.03
3.50	93.69	0.57	3.43	1.00	0.03	3.51	93.26	0.57	3.45	1.00	0.03
3.52	92.98	0.57	3.46	1.00	0.03	3.53	92.72	0.57	3.47	1.00	0.03
3.54	92.37	0.56	3.48	1.00	0.03	3.55	91.79	0.56	3.50	1.00	0.04
3.56	91.47	0.56	3.52	1.00	0.04	3.57	91.21	0.55	3.53	1.00	0.04
3.58	90.97	0.55	3.53	1.00	0.04	3.59	90.34	0.55	3.56	1.00	0.04
3.60	90.04	0.55	3.57	1.00	0.04	3.61	89.64	0.54	3.59	1.00	0.04
3.62	89.54	0.54	3.59	1.00	0.04	3.63	88.65	0.54	3.63	1.00	0.04
3.64	88.90	0.54	3.62	1.00	0.04	3.65	89.48	0.54	3.59	1.00	0.04
3.66	89.22	0.54	3.60	1.00	0.04	3.67	90.60	0.55	3.55	1.00	0.04
3.68	91.90	0.55	3.50	1.00	0.03	3.69	95.34	0.58	3.37	1.00	0.03
3.70	95.33	0.58	3.37	1.00	0.03	3.71	98.50	0.60	3.26	1.00	0.03
3.72	99.25	0.60	3.24	1.00	0.03	3.73	93.35	0.56	3.44	1.00	0.03
3.74	91.16	0.55	3.53	1.00	0.04	3.75	87.78	0.53	3.66	1.00	0.04
3.76	22.35	2.00	0.00	1.00	0.00	3.77	19.97	2.00	0.00	1.00	0.00
3.78	18.22	2.00	0.00	1.00	0.00	3.79	16.94	2.00	0.00	1.00	0.00
3.80	15.82	2.00	0.00	1.00	0.00	3.81	13.92	2.00	0.00	1.00	0.00
3.82	12.79	2.00	0.00	1.00	0.00	3.83	12.14	2.00	0.00	1.00	0.00
3.84	11.97	2.00	0.00	1.00	0.00	3.85	12.12	2.00	0.00	1.00	0.00
3.86	11.31	2.00	0.00	1.00	0.00	3.87	10.98	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	11.28	2.00	0.00	1.00	0.00	3.89	12.23	2.00	0.00	1.00	0.00
3.90	13.48	2.00	0.00	1.00	0.00	3.91	13.48	2.00	0.00	1.00	0.00
3.92	13.51	2.00	0.00	1.00	0.00	3.93	82.86	0.50	3.88	1.00	0.04
3.94	84.34	0.50	3.81	1.00	0.04	3.95	84.89	0.50	3.78	1.00	0.04
3.96	92.05	0.55	3.49	1.00	0.03	3.97	85.25	0.51	3.77	1.00	0.04
3.98	71.46	0.44	4.46	1.00	0.04	3.99	83.29	0.50	3.86	1.00	0.04
4.00	92.25	0.55	3.49	1.00	0.03	4.01	108.79	0.67	2.95	1.00	0.03
4.02	120.36	0.80	2.65	1.00	0.03	4.03	124.89	0.86	1.83	1.00	0.02
4.04	130.46	0.96	1.21	1.00	0.01	4.05	131.92	0.98	1.10	1.00	0.01
4.06	133.38	1.01	1.00	1.00	0.01	4.07	134.25	1.03	0.95	1.00	0.01
4.08	135.58	1.06	0.87	1.00	0.01	4.09	135.85	1.06	0.85	1.00	0.01
4.10	136.00	1.07	0.85	1.00	0.01	4.11	135.79	1.06	0.86	1.00	0.01
4.12	135.11	1.05	0.90	1.00	0.01	4.13	134.32	1.03	0.95	1.00	0.01
4.14	132.10	0.98	1.10	1.00	0.01	4.15	130.82	0.96	1.20	1.00	0.01
4.16	129.54	0.93	1.31	1.00	0.01	4.17	128.26	0.91	1.44	1.00	0.01
4.18	127.93	0.91	1.47	1.00	0.01	4.19	127.72	0.90	1.50	1.00	0.01
4.20	127.04	0.89	1.58	1.00	0.02	4.21	125.87	0.87	1.72	1.00	0.02
4.22	124.71	0.85	1.90	1.00	0.02	4.23	121.74	0.81	2.50	1.00	0.02
4.24	119.96	0.79	2.66	1.00	0.03	4.25	118.36	0.77	2.69	1.00	0.03
4.26	113.47	0.71	2.82	1.00	0.03	4.27	110.54	0.68	2.90	1.00	0.03
4.28	107.46	0.65	2.98	1.00	0.03	4.29	104.22	0.62	3.08	1.00	0.03
4.30	98.65	0.58	3.26	1.00	0.03	4.31	98.67	0.58	3.26	1.00	0.03
4.32	100.26	0.59	3.20	1.00	0.03	4.33	99.20	0.58	3.24	1.00	0.03
4.34	101.53	0.60	3.16	1.00	0.03	4.35	101.99	0.60	3.15	1.00	0.03
4.36	102.78	0.61	3.12	1.00	0.03	4.37	100.92	0.59	3.18	1.00	0.03
4.38	101.09	0.59	3.18	1.00	0.03	4.39	100.32	0.59	3.20	1.00	0.03
4.40	98.57	0.58	3.26	1.00	0.03	4.41	97.54	0.57	3.30	1.00	0.03
4.42	94.28	0.55	3.41	1.00	0.03	4.43	88.46	0.51	3.63	1.00	0.04
4.44	88.53	0.51	3.63	1.00	0.04	4.45	87.90	0.51	3.66	1.00	0.04
4.46	89.99	0.52	3.57	1.00	0.04	4.47	92.30	0.53	3.48	1.00	0.03
4.48	93.25	0.54	3.45	1.00	0.03	4.49	92.93	0.54	3.46	1.00	0.03
4.50	91.97	0.53	3.50	1.00	0.03	4.51	88.33	0.51	3.64	1.00	0.04
4.52	85.96	0.50	3.74	1.00	0.04	4.53	83.96	0.49	3.83	1.00	0.04
4.54	81.96	0.48	3.92	1.00	0.04	4.55	78.78	0.46	4.07	1.00	0.04
4.56	77.12	0.45	4.15	1.00	0.04	4.57	76.20	0.45	4.20	1.00	0.04
4.58	76.41	0.45	4.19	1.00	0.04	4.59	80.48	0.47	3.99	1.00	0.04
4.60	82.99	0.48	3.87	1.00	0.04	4.61	84.70	0.49	3.79	1.00	0.04
4.62	85.94	0.49	3.74	1.00	0.04	4.63	86.62	0.50	3.71	1.00	0.04
4.64	85.24	0.49	3.77	1.00	0.04	4.65	85.35	0.49	3.76	1.00	0.04
4.66	83.42	0.48	3.85	1.00	0.04	4.67	82.54	0.48	3.89	1.00	0.04
4.68	83.91	0.48	3.83	1.00	0.04	4.69	83.23	0.48	3.86	1.00	0.04
4.70	83.35	0.48	3.85	1.00	0.04	4.71	81.34	0.47	3.95	1.00	0.04
4.72	79.60	0.46	4.03	1.00	0.04	4.73	77.72	0.45	4.12	1.00	0.04
4.74	74.73	0.44	4.28	1.00	0.04	4.75	73.64	0.43	4.34	1.00	0.04
4.76	72.53	0.43	4.40	1.00	0.04	4.77	71.48	0.43	4.46	1.00	0.04
4.78	71.36	0.43	4.47	1.00	0.04	4.79	71.23	0.42	4.48	1.00	0.04
4.80	71.58	0.43	4.46	1.00	0.04	4.81	72.13	0.43	4.42	1.00	0.04
4.82	74.46	0.44	4.29	1.00	0.04	4.83	76.98	0.45	4.16	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	81.19	0.47	3.95	1.00	0.04	4.85	81.64	0.47	3.93	1.00	0.04
4.86	84.22	0.48	3.81	1.00	0.04	4.87	84.86	0.48	3.79	1.00	0.04
4.88	86.00	0.49	3.74	1.00	0.04	4.89	85.10	0.48	3.78	1.00	0.04
4.90	85.34	0.49	3.77	1.00	0.04	4.91	85.74	0.49	3.75	1.00	0.04
4.92	83.96	0.48	3.83	1.00	0.04	4.93	80.42	0.46	3.99	1.00	0.04
4.94	78.59	0.45	4.08	1.00	0.04	4.95	79.33	0.46	4.04	1.00	0.04
4.96	78.81	0.45	4.07	1.00	0.04	4.97	80.79	0.46	3.97	1.00	0.04
4.98	80.26	0.46	4.00	1.00	0.04	4.99	80.85	0.46	3.97	1.00	0.04
5.00	78.16	0.45	4.10	1.00	0.04	5.01	82.77	0.47	3.88	1.00	0.04
5.02	79.04	0.45	4.06	1.00	0.04	5.03	83.93	0.48	3.83	1.00	0.04
5.04	86.60	0.49	3.71	1.00	0.04	5.05	88.66	0.50	3.63	1.00	0.04
5.06	90.09	0.51	3.57	1.00	0.04	5.07	90.28	0.51	3.56	1.00	0.04
5.08	89.23	0.50	3.60	1.00	0.04	5.09	85.56	0.48	3.76	1.00	0.04
5.10	84.38	0.48	3.81	1.00	0.04	5.11	82.94	0.47	3.87	1.00	0.04
5.12	81.51	0.46	3.94	1.00	0.04	5.13	79.06	0.45	4.06	1.00	0.04
5.14	77.86	0.45	4.11	1.00	0.04	5.15	77.18	0.44	4.15	1.00	0.04
5.16	76.74	0.44	4.17	1.00	0.04	5.17	76.36	0.44	4.19	1.00	0.04
5.18	77.04	0.44	4.16	1.00	0.04	5.19	77.92	0.45	4.11	1.00	0.04
5.20	78.84	0.45	4.07	1.00	0.04	5.21	79.58	0.45	4.03	1.00	0.04
5.22	80.11	0.45	4.00	1.00	0.04	5.23	81.59	0.46	3.93	1.00	0.04
5.24	81.88	0.46	3.92	1.00	0.04	5.25	83.63	0.47	3.84	1.00	0.04
5.26	84.40	0.47	3.81	1.00	0.04	5.27	85.27	0.48	3.77	1.00	0.04
5.28	85.35	0.48	3.76	1.00	0.04	5.29	85.91	0.48	3.74	1.00	0.04
5.30	85.84	0.48	3.74	1.00	0.04	5.31	85.58	0.48	3.75	1.00	0.04
5.32	84.57	0.47	3.80	1.00	0.04	5.33	83.17	0.47	3.86	1.00	0.04
5.34	78.70	0.45	4.07	1.00	0.04	5.35	78.80	0.45	4.07	1.00	0.04
5.36	79.28	0.45	4.04	1.00	0.04	5.37	82.75	0.47	3.88	1.00	0.04
5.38	89.59	0.50	3.59	1.00	0.04	5.39	92.46	0.52	3.48	1.00	0.03
5.40	94.34	0.53	3.41	1.00	0.03	5.41	95.13	0.53	3.38	1.00	0.03
5.42	93.74	0.52	3.43	1.00	0.03	5.43	91.74	0.51	3.51	1.00	0.04
5.44	89.61	0.50	3.59	1.00	0.04	5.45	85.27	0.48	3.77	1.00	0.04
5.46	83.50	0.47	3.85	1.00	0.04	5.47	81.84	0.46	3.92	1.00	0.04
5.48	80.18	0.45	4.00	1.00	0.04	5.49	78.11	0.44	4.10	1.00	0.04
5.50	78.25	0.44	4.10	1.00	0.04	5.51	78.54	0.44	4.08	1.00	0.04
5.52	79.49	0.45	4.03	1.00	0.04	5.53	81.14	0.46	3.95	1.00	0.04
5.54	82.26	0.46	3.90	1.00	0.04	5.55	83.12	0.46	3.86	1.00	0.04
5.56	83.68	0.47	3.84	1.00	0.04	5.57	85.94	0.48	3.74	1.00	0.04
5.58	86.08	0.48	3.73	1.00	0.04	5.59	85.75	0.48	3.75	1.00	0.04
5.60	84.31	0.47	3.81	1.00	0.04	5.61	83.21	0.46	3.86	1.00	0.04
5.62	81.89	0.46	3.92	1.00	0.04	5.63	78.63	0.44	4.08	1.00	0.04
5.64	76.85	0.44	4.17	1.00	0.04	5.65	75.57	0.43	4.23	1.00	0.04
5.66	74.93	0.43	4.27	1.00	0.04	5.67	73.81	0.42	4.33	1.00	0.04
5.68	72.79	0.42	4.39	1.00	0.04	5.69	71.90	0.42	4.44	1.00	0.04
5.70	72.43	0.42	4.41	1.00	0.04	5.71	72.85	0.42	4.38	1.00	0.04
5.72	76.05	0.43	4.21	1.00	0.04	5.73	77.39	0.44	4.14	1.00	0.04
5.74	78.48	0.44	4.08	1.00	0.04	5.75	78.55	0.44	4.08	1.00	0.04
5.76	78.40	0.44	4.09	1.00	0.04	5.77	77.50	0.44	4.13	1.00	0.04
5.78	76.53	0.43	4.18	1.00	0.04	5.79	74.84	0.43	4.27	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	75.30	0.43	4.25	1.00	0.04	5.81	74.85	0.43	4.27	1.00	0.04
5.82	74.95	0.43	4.27	1.00	0.04	5.83	75.57	0.43	4.23	1.00	0.04
5.84	78.70	0.44	4.07	1.00	0.04	5.85	80.22	0.45	4.00	1.00	0.04
5.86	81.14	0.45	3.95	1.00	0.04	5.87	81.45	0.45	3.94	1.00	0.04
5.88	80.92	0.45	3.97	1.00	0.04	5.89	80.38	0.45	3.99	1.00	0.04
5.90	79.72	0.45	4.02	1.00	0.04	5.91	79.67	0.44	4.02	1.00	0.04
5.92	79.62	0.44	4.03	1.00	0.04	5.93	75.80	0.43	4.22	1.00	0.04
5.94	76.24	0.43	4.20	1.00	0.04	5.95	74.12	0.42	4.31	1.00	0.04
5.96	72.60	0.42	4.40	1.00	0.04	5.97	71.09	0.41	4.48	1.00	0.04
5.98	69.71	0.40	4.57	1.00	0.05	5.99	68.26	0.40	4.66	1.00	0.05
6.00	69.20	0.40	4.60	1.00	0.05	6.01	70.93	0.41	4.49	1.00	0.04
6.02	73.29	0.42	4.36	1.00	0.04	6.03	75.84	0.43	4.22	1.00	0.04
6.04	78.01	0.44	4.11	1.00	0.04	6.05	81.25	0.45	3.95	1.00	0.04
6.06	83.91	0.46	3.83	1.00	0.04	6.07	85.86	0.47	3.74	1.00	0.04
6.08	88.05	0.48	3.65	1.00	0.04	6.09	87.04	0.48	3.69	1.00	0.04
6.10	88.37	0.48	3.64	1.00	0.04	6.11	88.28	0.48	3.64	1.00	0.04
6.12	89.52	0.49	3.59	1.00	0.04	6.13	83.32	0.46	3.85	1.00	0.04
6.14	82.16	0.45	3.91	1.00	0.04	6.15	80.31	0.45	3.99	1.00	0.04
6.16	77.92	0.44	4.11	1.00	0.04	6.17	77.25	0.43	4.15	1.00	0.04
6.18	20.53	2.00	0.00	1.00	0.00	6.19	20.11	2.00	0.00	1.00	0.00
6.20	19.31	2.00	0.00	1.00	0.00	6.21	18.76	2.00	0.00	1.00	0.00
6.22	17.05	2.00	0.00	1.00	0.00	6.23	15.47	2.00	0.00	1.00	0.00
6.24	13.09	2.00	0.00	1.00	0.00	6.25	12.03	2.00	0.00	1.00	0.00
6.26	10.43	2.00	0.00	1.00	0.00	6.27	9.23	2.00	0.00	1.00	0.00
6.28	10.15	2.00	0.00	1.00	0.00	6.29	16.32	2.00	0.00	1.00	0.00
6.30	20.73	2.00	0.00	1.00	0.00	6.31	82.77	0.46	3.88	1.00	0.04
6.32	90.71	0.49	3.54	1.00	0.04	6.33	91.58	0.50	3.51	1.00	0.04
6.34	93.47	0.51	3.44	1.00	0.03	6.35	94.35	0.52	3.41	1.00	0.03
6.36	98.00	0.54	3.28	1.00	0.03	6.37	97.41	0.53	3.30	1.00	0.03
6.38	96.54	0.53	3.33	1.00	0.03	6.39	93.09	0.51	3.45	1.00	0.03
6.40	86.00	0.47	3.74	1.00	0.04	6.41	79.68	0.44	4.02	1.00	0.04
6.42	79.67	0.44	4.02	1.00	0.04	6.43	79.05	0.44	4.06	1.00	0.04
6.44	81.15	0.45	3.95	1.00	0.04	6.45	80.84	0.45	3.97	1.00	0.04
6.46	79.76	0.44	4.02	1.00	0.04	6.47	79.39	0.44	4.04	1.00	0.04
6.48	75.46	0.42	4.24	1.00	0.04	6.49	18.06	2.00	0.00	1.00	0.00
6.50	17.39	2.00	0.00	1.00	0.00	6.51	18.01	2.00	0.00	1.00	0.00
6.52	18.63	2.00	0.00	1.00	0.00	6.53	20.39	2.00	0.00	1.00	0.00
6.54	21.65	2.00	0.00	1.00	0.00	6.55	21.13	2.00	0.00	1.00	0.00
6.56	20.10	2.00	0.00	1.00	0.00	6.57	23.28	2.00	0.00	1.00	0.00
6.58	99.14	0.54	3.24	1.00	0.03	6.59	108.25	0.61	2.96	1.00	0.03
6.60	112.90	0.65	2.83	1.00	0.03	6.61	114.56	0.67	2.79	1.00	0.03
6.62	111.57	0.64	2.87	1.00	0.03	6.63	111.78	0.64	2.86	1.00	0.03
6.64	111.56	0.64	2.87	1.00	0.03	6.65	106.69	0.60	3.01	1.00	0.03
6.66	105.38	0.59	3.04	1.00	0.03	6.67	103.58	0.57	3.10	1.00	0.03
6.68	101.20	0.56	3.17	1.00	0.03	6.69	98.39	0.54	3.27	1.00	0.03
6.70	93.84	0.51	3.43	1.00	0.03	6.71	92.00	0.50	3.50	1.00	0.03
6.72	90.70	0.49	3.55	1.00	0.04	6.73	91.33	0.50	3.52	1.00	0.04
6.74	92.23	0.50	3.49	1.00	0.03	6.75	96.06	0.52	3.35	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	98.79	0.54	3.25	1.00	0.03	6.77	102.25	0.56	3.14	1.00	0.03
6.78	103.16	0.57	3.11	1.00	0.03	6.79	101.48	0.56	3.17	1.00	0.03
6.80	100.97	0.55	3.18	1.00	0.03	6.81	99.21	0.54	3.24	1.00	0.03
6.82	97.57	0.53	3.29	1.00	0.03	6.83	96.17	0.52	3.34	1.00	0.03
6.84	94.68	0.51	3.40	1.00	0.03	6.85	91.06	0.49	3.53	1.00	0.04
6.86	93.00	0.50	3.46	1.00	0.03	6.87	97.78	0.53	3.29	1.00	0.03
6.88	119.91	0.73	2.66	1.00	0.03	6.89	124.30	0.79	2.56	1.00	0.03
6.90	128.71	0.85	1.77	1.00	0.02	6.91	125.97	0.81	2.24	1.00	0.02
6.92	119.44	0.72	2.67	1.00	0.03	6.93	116.50	0.69	2.74	1.00	0.03
6.94	107.84	0.61	2.97	1.00	0.03	6.95	112.38	0.65	2.85	1.00	0.03
6.96	109.34	0.62	2.93	1.00	0.03	6.97	110.64	0.63	2.89	1.00	0.03
6.98	109.04	0.62	2.94	1.00	0.03	6.99	107.99	0.61	2.97	1.00	0.03
7.00	103.57	0.57	3.10	1.00	0.03	7.01	100.02	0.55	3.21	1.00	0.03
7.02	99.18	0.54	3.24	1.00	0.03	7.03	95.31	0.52	3.37	1.00	0.03
7.04	93.76	0.51	3.43	1.00	0.03	7.05	92.32	0.50	3.48	1.00	0.03
7.06	90.58	0.49	3.55	1.00	0.04	7.07	89.92	0.49	3.58	1.00	0.04
7.08	90.79	0.49	3.54	1.00	0.04	7.09	90.03	0.49	3.57	1.00	0.04
7.10	89.23	0.48	3.60	1.00	0.04	7.11	24.35	2.00	0.00	1.00	0.00
7.12	21.89	2.00	0.00	1.00	0.00	7.13	20.04	2.00	0.00	1.00	0.00
7.14	18.68	2.00	0.00	1.00	0.00	7.15	16.95	2.00	0.00	1.00	0.00
7.16	16.82	2.00	0.00	1.00	0.00	7.17	20.84	2.00	0.00	1.00	0.00
7.18	25.32	2.00	0.00	1.00	0.00	7.19	87.03	0.47	3.69	1.00	0.04
7.20	87.67	0.48	3.67	1.00	0.04	7.21	84.55	0.46	3.80	1.00	0.04
7.22	22.98	2.00	0.00	1.00	0.00	7.23	19.93	2.00	0.00	1.00	0.00
7.24	16.26	2.00	0.00	1.00	0.00	7.25	15.02	2.00	0.00	1.00	0.00
7.26	14.14	2.00	0.00	1.00	0.00	7.27	13.15	2.00	0.00	1.00	0.00
7.28	15.84	2.00	0.00	1.00	0.00	7.29	20.09	2.00	0.00	1.00	0.00
7.30	24.79	2.00	0.00	1.00	0.00	7.31	85.80	0.47	3.75	1.00	0.04
7.32	87.37	0.47	3.68	1.00	0.04	7.33	86.00	0.47	3.74	1.00	0.04
7.34	84.58	0.46	3.80	1.00	0.04	7.35	83.28	0.45	3.86	1.00	0.04
7.36	20.86	2.00	0.00	1.00	0.00	7.37	18.18	2.00	0.00	1.00	0.00
7.38	15.62	2.00	0.00	1.00	0.00	7.39	14.41	2.00	0.00	1.00	0.00
7.40	25.60	2.00	0.00	1.00	0.00	7.41	90.03	0.49	3.57	1.00	0.04
7.42	94.29	0.51	3.41	1.00	0.03	7.43	95.24	0.52	3.38	1.00	0.03
7.44	96.48	0.52	3.33	1.00	0.03	7.45	96.31	0.52	3.34	1.00	0.03
7.46	96.16	0.52	3.34	1.00	0.03	7.47	95.55	0.52	3.36	1.00	0.03
7.48	95.92	0.52	3.35	1.00	0.03	7.49	95.75	0.52	3.36	1.00	0.03
7.50	95.42	0.52	3.37	1.00	0.03	7.51	93.63	0.51	3.43	1.00	0.03
7.52	94.32	0.51	3.41	1.00	0.03	7.53	94.76	0.51	3.39	1.00	0.03
7.54	96.11	0.52	3.35	1.00	0.03	7.55	100.02	0.55	3.21	1.00	0.03
7.56	100.35	0.55	3.20	1.00	0.03	7.57	97.28	0.53	3.30	1.00	0.03
7.58	96.16	0.52	3.34	1.00	0.03	7.59	94.02	0.51	3.42	1.00	0.03
7.60	95.84	0.52	3.35	1.00	0.03	7.61	96.49	0.52	3.33	1.00	0.03
7.62	95.33	0.52	3.37	1.00	0.03	7.63	91.88	0.50	3.50	1.00	0.03
7.64	88.95	0.48	3.61	1.00	0.04	7.65	84.66	0.46	3.79	1.00	0.04
7.66	82.11	0.45	3.91	1.00	0.04	7.67	81.71	0.45	3.93	1.00	0.04
7.68	82.23	0.45	3.90	1.00	0.04	7.69	83.86	0.46	3.83	1.00	0.04
7.70	83.37	0.45	3.85	1.00	0.04	7.71	82.65	0.45	3.88	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	81.16	0.44	3.95	1.00	0.04	7.73	78.05	0.43	4.11	1.00	0.04
7.74	79.60	0.44	4.03	1.00	0.04	7.75	79.41	0.44	4.04	1.00	0.04
7.76	82.80	0.45	3.88	1.00	0.04	7.77	82.54	0.45	3.89	1.00	0.04
7.78	83.78	0.46	3.83	1.00	0.04	7.79	81.83	0.45	3.92	1.00	0.04
7.80	83.29	0.45	3.86	1.00	0.04	7.81	83.26	0.45	3.86	1.00	0.04
7.82	82.75	0.45	3.88	1.00	0.04	7.83	82.88	0.45	3.87	1.00	0.04
7.84	80.22	0.44	4.00	1.00	0.04	7.85	80.46	0.44	3.99	1.00	0.04
7.86	79.76	0.44	4.02	1.00	0.04	7.87	78.61	0.43	4.08	1.00	0.04
7.88	20.59	2.00	0.00	1.00	0.00	7.89	18.93	2.00	0.00	1.00	0.00
7.90	17.86	2.00	0.00	1.00	0.00	7.91	17.84	2.00	0.00	1.00	0.00
7.92	17.83	2.00	0.00	1.00	0.00	7.93	18.06	2.00	0.00	1.00	0.00
7.94	16.75	2.00	0.00	1.00	0.00	7.95	15.92	2.00	0.00	1.00	0.00
7.96	15.67	2.00	0.00	1.00	0.00	7.97	15.54	2.00	0.00	1.00	0.00
7.98	15.77	2.00	0.00	1.00	0.00	7.99	16.23	2.00	0.00	1.00	0.00
8.00	16.21	2.00	0.00	1.00	0.00	8.01	14.80	2.00	0.00	1.00	0.00
8.02	14.20	2.00	0.00	1.00	0.00	8.03	13.49	2.00	0.00	1.00	0.00
8.04	12.78	2.00	0.00	1.00	0.00	8.05	12.65	2.00	0.00	1.00	0.00
8.06	12.53	2.00	0.00	1.00	0.00	8.07	12.52	2.00	0.00	1.00	0.00
8.08	12.39	2.00	0.00	1.00	0.00	8.09	12.39	2.00	0.00	1.00	0.00
8.10	12.73	2.00	0.00	1.00	0.00	8.11	12.73	2.00	0.00	1.00	0.00
8.12	12.72	2.00	0.00	1.00	0.00	8.13	12.71	2.00	0.00	1.00	0.00
8.14	12.94	2.00	0.00	1.00	0.00	8.15	13.05	2.00	0.00	1.00	0.00
8.16	13.04	2.00	0.00	1.00	0.00	8.17	13.03	2.00	0.00	1.00	0.00
8.18	12.79	2.00	0.00	1.00	0.00	8.19	12.67	2.00	0.00	1.00	0.00
8.20	12.55	2.00	0.00	1.00	0.00	8.21	12.54	2.00	0.00	1.00	0.00
8.22	12.41	2.00	0.00	1.00	0.00	8.23	12.52	2.00	0.00	1.00	0.00
8.24	12.52	2.00	0.00	1.00	0.00	8.25	12.51	2.00	0.00	1.00	0.00
8.26	12.39	2.00	0.00	1.00	0.00	8.27	12.38	2.00	0.00	1.00	0.00
8.28	12.49	2.00	0.00	1.00	0.00	8.29	12.48	2.00	0.00	1.00	0.00
8.30	12.47	2.00	0.00	1.00	0.00	8.31	12.70	2.00	0.00	1.00	0.00
8.32	12.80	2.00	0.00	1.00	0.00	8.33	13.03	2.00	0.00	1.00	0.00
8.34	13.14	2.00	0.00	1.00	0.00	8.35	13.24	2.00	0.00	1.00	0.00
8.36	13.47	2.00	0.00	1.00	0.00	8.37	13.92	2.00	0.00	1.00	0.00
8.38	14.14	2.00	0.00	1.00	0.00	8.39	14.25	2.00	0.00	1.00	0.00
8.40	14.47	2.00	0.00	1.00	0.00	8.41	14.69	2.00	0.00	1.00	0.00
8.42	14.80	2.00	0.00	1.00	0.00	8.43	14.90	2.00	0.00	1.00	0.00
8.44	15.24	2.00	0.00	1.00	0.00	8.45	15.46	2.00	0.00	1.00	0.00
8.46	15.68	2.00	0.00	1.00	0.00	8.47	15.90	2.00	0.00	1.00	0.00
8.48	16.35	2.00	0.00	1.00	0.00	8.49	16.57	2.00	0.00	1.00	0.00
8.50	16.56	2.00	0.00	1.00	0.00	8.51	16.66	2.00	0.00	1.00	0.00
8.52	16.65	2.00	0.00	1.00	0.00	8.53	16.75	2.00	0.00	1.00	0.00
8.54	16.85	2.00	0.00	1.00	0.00	8.55	16.73	2.00	0.00	1.00	0.00
8.56	16.83	2.00	0.00	1.00	0.00	8.57	16.71	2.00	0.00	1.00	0.00
8.58	16.70	2.00	0.00	1.00	0.00	8.59	16.58	2.00	0.00	1.00	0.00
8.60	16.45	2.00	0.00	1.00	0.00	8.61	16.33	2.00	0.00	1.00	0.00
8.62	15.98	2.00	0.00	1.00	0.00	8.63	15.52	2.00	0.00	1.00	0.00
8.64	15.28	2.00	0.00	1.00	0.00	8.65	14.82	2.00	0.00	1.00	0.00
8.66	14.58	2.00	0.00	1.00	0.00	8.67	14.35	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	14.23	2.00	0.00	1.00	0.00	8.69	14.22	2.00	0.00	1.00	0.00
8.70	14.32	2.00	0.00	1.00	0.00	8.71	14.31	2.00	0.00	1.00	0.00
8.72	14.31	2.00	0.00	1.00	0.00	8.73	14.07	2.00	0.00	1.00	0.00
8.74	13.72	2.00	0.00	1.00	0.00	8.75	13.60	2.00	0.00	1.00	0.00
8.76	13.26	2.00	0.00	1.00	0.00	8.77	13.25	2.00	0.00	1.00	0.00
8.78	12.90	2.00	0.00	1.00	0.00	8.79	12.56	2.00	0.00	1.00	0.00
8.80	12.10	2.00	0.00	1.00	0.00	8.81	11.86	2.00	0.00	1.00	0.00
8.82	11.74	2.00	0.00	1.00	0.00	8.83	11.74	2.00	0.00	1.00	0.00
8.84	11.73	2.00	0.00	1.00	0.00	8.85	11.72	2.00	0.00	1.00	0.00
8.86	11.72	2.00	0.00	1.00	0.00	8.87	11.60	2.00	0.00	1.00	0.00
8.88	11.48	2.00	0.00	1.00	0.00	8.89	11.47	2.00	0.00	1.00	0.00
8.90	11.35	2.00	0.00	1.00	0.00	8.91	11.35	2.00	0.00	1.00	0.00
8.92	11.34	2.00	0.00	1.00	0.00	8.93	11.33	2.00	0.00	1.00	0.00
8.94	11.33	2.00	0.00	1.00	0.00	8.95	11.10	2.00	0.00	1.00	0.00
8.96	10.98	2.00	0.00	1.00	0.00	8.97	10.97	2.00	0.00	1.00	0.00
8.98	10.85	2.00	0.00	1.00	0.00	8.99	10.74	2.00	0.00	1.00	0.00
9.00	10.62	2.00	0.00	1.00	0.00	9.01	10.61	2.00	0.00	1.00	0.00
9.02	10.61	2.00	0.00	1.00	0.00	9.03	10.60	2.00	0.00	1.00	0.00
9.04	10.71	2.00	0.00	1.00	0.00	9.05	10.81	2.00	0.00	1.00	0.00
9.06	10.69	2.00	0.00	1.00	0.00	9.07	10.80	2.00	0.00	1.00	0.00
9.08	10.79	2.00	0.00	1.00	0.00	9.09	10.68	2.00	0.00	1.00	0.00
9.10	10.45	2.00	0.00	1.00	0.00	9.11	10.33	2.00	0.00	1.00	0.00
9.12	10.10	2.00	0.00	1.00	0.00	9.13	10.10	2.00	0.00	1.00	0.00
9.14	10.09	2.00	0.00	1.00	0.00	9.15	9.86	2.00	0.00	1.00	0.00
9.16	9.75	2.00	0.00	1.00	0.00	9.17	9.63	2.00	0.00	1.00	0.00
9.18	9.52	2.00	0.00	1.00	0.00	9.19	9.40	2.00	0.00	1.00	0.00
9.20	9.39	2.00	0.00	1.00	0.00	9.21	9.72	2.00	0.00	1.00	0.00
9.22	10.05	2.00	0.00	1.00	0.00	9.23	10.38	2.00	0.00	1.00	0.00
9.24	11.14	2.00	0.00	1.00	0.00	9.25	11.47	2.00	0.00	1.00	0.00
9.26	11.79	2.00	0.00	1.00	0.00	9.27	11.79	2.00	0.00	1.00	0.00
9.28	11.89	2.00	0.00	1.00	0.00	9.29	12.00	2.00	0.00	1.00	0.00
9.30	11.88	2.00	0.00	1.00	0.00	9.31	11.76	2.00	0.00	1.00	0.00
9.32	11.43	2.00	0.00	1.00	0.00	9.33	11.31	2.00	0.00	1.00	0.00
9.34	11.19	2.00	0.00	1.00	0.00	9.35	10.75	2.00	0.00	1.00	0.00
9.36	10.52	2.00	0.00	1.00	0.00	9.37	10.52	2.00	0.00	1.00	0.00
9.38	10.40	2.00	0.00	1.00	0.00	9.39	10.29	2.00	0.00	1.00	0.00
9.40	10.28	2.00	0.00	1.00	0.00	9.41	10.17	2.00	0.00	1.00	0.00
9.42	10.05	2.00	0.00	1.00	0.00	9.43	9.50	2.00	0.00	1.00	0.00
9.44	9.27	2.00	0.00	1.00	0.00	9.45	9.16	2.00	0.00	1.00	0.00
9.46	8.83	2.00	0.00	1.00	0.00	9.47	8.71	2.00	0.00	1.00	0.00
9.48	8.49	2.00	0.00	1.00	0.00	9.49	8.59	2.00	0.00	1.00	0.00
9.50	8.48	2.00	0.00	1.00	0.00	9.51	8.36	2.00	0.00	1.00	0.00
9.52	8.36	2.00	0.00	1.00	0.00	9.53	8.36	2.00	0.00	1.00	0.00
9.54	8.46	2.00	0.00	1.00	0.00	9.55	8.57	2.00	0.00	1.00	0.00
9.56	8.67	2.00	0.00	1.00	0.00	9.57	8.56	2.00	0.00	1.00	0.00
9.58	8.55	2.00	0.00	1.00	0.00	9.59	8.55	2.00	0.00	1.00	0.00
9.60	8.76	2.00	0.00	1.00	0.00	9.61	8.87	2.00	0.00	1.00	0.00
9.62	8.97	2.00	0.00	1.00	0.00	9.63	8.97	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	9.07	2.00	0.00	1.00	0.00	9.65	9.28	2.00	0.00	1.00	0.00
9.66	9.39	2.00	0.00	1.00	0.00	9.67	9.49	2.00	0.00	1.00	0.00
9.68	9.60	2.00	0.00	1.00	0.00	9.69	9.70	2.00	0.00	1.00	0.00
9.70	10.13	2.00	0.00	1.00	0.00	9.71	10.34	2.00	0.00	1.00	0.00
9.72	10.55	2.00	0.00	1.00	0.00	9.73	10.76	2.00	0.00	1.00	0.00
9.74	11.19	2.00	0.00	1.00	0.00	9.75	11.29	2.00	0.00	1.00	0.00
9.76	11.82	2.00	0.00	1.00	0.00	9.77	12.25	2.00	0.00	1.00	0.00
9.78	12.46	2.00	0.00	1.00	0.00	9.79	12.67	2.00	0.00	1.00	0.00
9.80	12.87	2.00	0.00	1.00	0.00	9.81	12.98	2.00	0.00	1.00	0.00
9.82	12.97	2.00	0.00	1.00	0.00	9.83	12.96	2.00	0.00	1.00	0.00
9.84	13.06	2.00	0.00	1.00	0.00	9.85	12.95	2.00	0.00	1.00	0.00
9.86	12.94	2.00	0.00	1.00	0.00	9.87	12.83	2.00	0.00	1.00	0.00
9.88	12.72	2.00	0.00	1.00	0.00	9.89	12.60	2.00	0.00	1.00	0.00
9.90	12.60	2.00	0.00	1.00	0.00	9.91	12.59	2.00	0.00	1.00	0.00
9.92	12.69	2.00	0.00	1.00	0.00	9.93	13.00	2.00	0.00	1.00	0.00
9.94	13.32	2.00	0.00	1.00	0.00	9.95	13.42	2.00	0.00	1.00	0.00
9.96	13.30	2.00	0.00	1.00	0.00	9.97	13.19	2.00	0.00	1.00	0.00
9.98	13.08	2.00	0.00	1.00	0.00	9.99	12.86	2.00	0.00	1.00	0.00
10.00	12.74	2.00	0.00	1.00	0.00	10.01	12.52	2.00	0.00	1.00	0.00
10.02	12.41	2.00	0.00	1.00	0.00	10.03	12.40	2.00	0.00	1.00	0.00
10.04	12.29	2.00	0.00	1.00	0.00	10.05	12.07	2.00	0.00	1.00	0.00
10.06	11.85	2.00	0.00	1.00	0.00	10.07	11.64	2.00	0.00	1.00	0.00
10.08	11.52	2.00	0.00	1.00	0.00	10.09	11.52	2.00	0.00	1.00	0.00
10.10	11.62	2.00	0.00	1.00	0.00	10.11	11.61	2.00	0.00	1.00	0.00
10.12	11.39	2.00	0.00	1.00	0.00	10.13	11.49	2.00	0.00	1.00	0.00
10.14	11.38	2.00	0.00	1.00	0.00	10.15	11.27	2.00	0.00	1.00	0.00
10.16	10.95	2.00	0.00	1.00	0.00	10.17	10.94	2.00	0.00	1.00	0.00
10.18	11.04	2.00	0.00	1.00	0.00	10.19	11.25	2.00	0.00	1.00	0.00
10.20	11.35	2.00	0.00	1.00	0.00	10.21	11.45	2.00	0.00	1.00	0.00
10.22	11.44	2.00	0.00	1.00	0.00	10.23	11.54	2.00	0.00	1.00	0.00
10.24	11.64	2.00	0.00	1.00	0.00	10.25	11.74	2.00	0.00	1.00	0.00
10.26	11.95	2.00	0.00	1.00	0.00	10.27	11.94	2.00	0.00	1.00	0.00
10.28	11.83	2.00	0.00	1.00	0.00	10.29	11.82	2.00	0.00	1.00	0.00
10.30	11.61	2.00	0.00	1.00	0.00	10.31	11.60	2.00	0.00	1.00	0.00
10.32	11.49	2.00	0.00	1.00	0.00	10.33	11.49	2.00	0.00	1.00	0.00
10.34	11.48	2.00	0.00	1.00	0.00	10.35	11.27	2.00	0.00	1.00	0.00
10.36	11.05	2.00	0.00	1.00	0.00	10.37	10.73	2.00	0.00	1.00	0.00
10.38	10.62	2.00	0.00	1.00	0.00	10.39	10.62	2.00	0.00	1.00	0.00
10.40	10.51	2.00	0.00	1.00	0.00	10.41	10.50	2.00	0.00	1.00	0.00
10.42	10.39	2.00	0.00	1.00	0.00	10.43	10.39	2.00	0.00	1.00	0.00
10.44	10.17	2.00	0.00	1.00	0.00	10.45	9.85	2.00	0.00	1.00	0.00
10.46	9.64	2.00	0.00	1.00	0.00	10.47	9.43	2.00	0.00	1.00	0.00
10.48	9.11	2.00	0.00	1.00	0.00	10.49	9.00	2.00	0.00	1.00	0.00
10.50	9.00	2.00	0.00	1.00	0.00	10.51	8.89	2.00	0.00	1.00	0.00
10.52	8.78	2.00	0.00	1.00	0.00	10.53	8.67	2.00	0.00	1.00	0.00
10.54	8.67	2.00	0.00	1.00	0.00	10.55	8.56	2.00	0.00	1.00	0.00
10.56	8.56	2.00	0.00	1.00	0.00	10.57	8.65	2.00	0.00	1.00	0.00
10.58	8.86	2.00	0.00	1.00	0.00	10.59	8.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	8.95	2.00	0.00	1.00	0.00	10.61	9.05	2.00	0.00	1.00	0.00
10.62	9.67	2.00	0.00	1.00	0.00	10.63	9.98	2.00	0.00	1.00	0.00
10.64	10.39	2.00	0.00	1.00	0.00	10.65	11.31	2.00	0.00	1.00	0.00
10.66	11.62	2.00	0.00	1.00	0.00	10.67	11.72	2.00	0.00	1.00	0.00
10.68	11.81	2.00	0.00	1.00	0.00	10.69	11.81	2.00	0.00	1.00	0.00
10.70	11.91	2.00	0.00	1.00	0.00	10.71	12.00	2.00	0.00	1.00	0.00
10.72	12.00	2.00	0.00	1.00	0.00	10.73	12.10	2.00	0.00	1.00	0.00
10.74	11.99	2.00	0.00	1.00	0.00	10.75	11.98	2.00	0.00	1.00	0.00
10.76	11.98	2.00	0.00	1.00	0.00	10.77	12.28	2.00	0.00	1.00	0.00
10.78	12.27	2.00	0.00	1.00	0.00	10.79	12.16	2.00	0.00	1.00	0.00
10.80	12.16	2.00	0.00	1.00	0.00	10.81	11.74	2.00	0.00	1.00	0.00
10.82	11.63	2.00	0.00	1.00	0.00	10.83	11.42	2.00	0.00	1.00	0.00
10.84	11.42	2.00	0.00	1.00	0.00	10.85	11.21	2.00	0.00	1.00	0.00
10.86	11.00	2.00	0.00	1.00	0.00	10.87	10.89	2.00	0.00	1.00	0.00
10.88	10.47	2.00	0.00	1.00	0.00	10.89	10.26	2.00	0.00	1.00	0.00
10.90	9.95	2.00	0.00	1.00	0.00	10.91	9.95	2.00	0.00	1.00	0.00
10.92	9.94	2.00	0.00	1.00	0.00	10.93	9.12	2.00	0.00	1.00	0.00
10.94	9.01	2.00	0.00	1.00	0.00	10.95	8.81	2.00	0.00	1.00	0.00
10.96	8.29	2.00	0.00	1.00	0.00	10.97	8.08	2.00	0.00	1.00	0.00
10.98	7.77	2.00	0.00	1.00	0.00	10.99	7.46	2.00	0.00	1.00	0.00
11.00	7.36	2.00	0.00	1.00	0.00	11.01	7.15	2.00	0.00	1.00	0.00
11.02	6.84	2.00	0.00	1.00	0.00	11.03	6.84	2.00	0.00	1.00	0.00
11.04	6.83	2.00	0.00	1.00	0.00	11.05	7.03	2.00	0.00	1.00	0.00
11.06	7.03	2.00	0.00	1.00	0.00	11.07	7.13	2.00	0.00	1.00	0.00
11.08	7.02	2.00	0.00	1.00	0.00	11.09	7.12	2.00	0.00	1.00	0.00
11.10	7.12	2.00	0.00	1.00	0.00	11.11	7.22	2.00	0.00	1.00	0.00
11.12	7.32	2.00	0.00	1.00	0.00	11.13	7.42	2.00	0.00	1.00	0.00
11.14	7.41	2.00	0.00	1.00	0.00	11.15	7.61	2.00	0.00	1.00	0.00
11.16	7.61	2.00	0.00	1.00	0.00	11.17	7.81	2.00	0.00	1.00	0.00
11.18	8.11	2.00	0.00	1.00	0.00	11.19	8.31	2.00	0.00	1.00	0.00
11.20	8.41	2.00	0.00	1.00	0.00	11.21	8.61	2.00	0.00	1.00	0.00
11.22	8.81	2.00	0.00	1.00	0.00	11.23	8.90	2.00	0.00	1.00	0.00
11.24	9.40	2.00	0.00	1.00	0.00	11.25	9.70	2.00	0.00	1.00	0.00
11.26	10.00	2.00	0.00	1.00	0.00	11.27	10.20	2.00	0.00	1.00	0.00
11.28	10.10	2.00	0.00	1.00	0.00	11.29	9.99	2.00	0.00	1.00	0.00
11.30	9.78	2.00	0.00	1.00	0.00	11.31	9.68	2.00	0.00	1.00	0.00
11.32	9.68	2.00	0.00	1.00	0.00	11.33	9.67	2.00	0.00	1.00	0.00
11.34	9.97	2.00	0.00	1.00	0.00	11.35	10.07	2.00	0.00	1.00	0.00
11.36	10.06	2.00	0.00	1.00	0.00	11.37	10.06	2.00	0.00	1.00	0.00
11.38	10.05	2.00	0.00	1.00	0.00	11.39	10.05	2.00	0.00	1.00	0.00
11.40	10.05	2.00	0.00	1.00	0.00	11.41	10.24	2.00	0.00	1.00	0.00
11.42	10.14	2.00	0.00	1.00	0.00	11.43	9.93	2.00	0.00	1.00	0.00
11.44	9.73	2.00	0.00	1.00	0.00	11.45	9.82	2.00	0.00	1.00	0.00
11.46	9.82	2.00	0.00	1.00	0.00	11.47	10.02	2.00	0.00	1.00	0.00
11.48	9.91	2.00	0.00	1.00	0.00	11.49	10.01	2.00	0.00	1.00	0.00
11.50	10.30	2.00	0.00	1.00	0.00	11.51	10.30	2.00	0.00	1.00	0.00
11.52	10.29	2.00	0.00	1.00	0.00	11.53	10.09	2.00	0.00	1.00	0.00
11.54	10.19	2.00	0.00	1.00	0.00	11.55	10.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	10.28	2.00	0.00	1.00	0.00	11.57	10.37	2.00	0.00	1.00	0.00
11.58	10.57	2.00	0.00	1.00	0.00	11.59	10.86	2.00	0.00	1.00	0.00
11.60	10.86	2.00	0.00	1.00	0.00	11.61	10.85	2.00	0.00	1.00	0.00
11.62	10.75	2.00	0.00	1.00	0.00	11.63	10.54	2.00	0.00	1.00	0.00
11.64	10.44	2.00	0.00	1.00	0.00	11.65	10.24	2.00	0.00	1.00	0.00
11.66	10.03	2.00	0.00	1.00	0.00	11.67	9.93	2.00	0.00	1.00	0.00
11.68	9.73	2.00	0.00	1.00	0.00	11.69	9.62	2.00	0.00	1.00	0.00
11.70	9.42	2.00	0.00	1.00	0.00	11.71	9.32	2.00	0.00	1.00	0.00
11.72	9.41	2.00	0.00	1.00	0.00	11.73	9.51	2.00	0.00	1.00	0.00
11.74	9.50	2.00	0.00	1.00	0.00	11.75	9.50	2.00	0.00	1.00	0.00
11.76	9.79	2.00	0.00	1.00	0.00	11.77	9.89	2.00	0.00	1.00	0.00
11.78	9.59	2.00	0.00	1.00	0.00	11.79	9.48	2.00	0.00	1.00	0.00
11.80	9.48	2.00	0.00	1.00	0.00	11.81	9.38	2.00	0.00	1.00	0.00
11.82	9.37	2.00	0.00	1.00	0.00	11.83	9.47	2.00	0.00	1.00	0.00
11.84	9.66	2.00	0.00	1.00	0.00	11.85	9.46	2.00	0.00	1.00	0.00
11.86	9.26	2.00	0.00	1.00	0.00	11.87	9.16	2.00	0.00	1.00	0.00
11.88	9.25	2.00	0.00	1.00	0.00	11.89	9.35	2.00	0.00	1.00	0.00
11.90	9.44	2.00	0.00	1.00	0.00	11.91	9.44	2.00	0.00	1.00	0.00
11.92	9.43	2.00	0.00	1.00	0.00	11.93	9.82	2.00	0.00	1.00	0.00
11.94	9.82	2.00	0.00	1.00	0.00	11.95	9.81	2.00	0.00	1.00	0.00
11.96	9.81	2.00	0.00	1.00	0.00	11.97	9.81	2.00	0.00	1.00	0.00
11.98	9.80	2.00	0.00	1.00	0.00	11.99	9.80	2.00	0.00	1.00	0.00
12.00	9.99	2.00	0.00	1.00	0.00	12.01	9.99	2.00	0.00	1.00	0.00
12.02	10.08	2.00	0.00	1.00	0.00	12.03	10.08	2.00	0.00	1.00	0.00
12.04	10.07	2.00	0.00	1.00	0.00	12.05	10.07	2.00	0.00	1.00	0.00
12.06	10.16	2.00	0.00	1.00	0.00	12.07	10.25	2.00	0.00	1.00	0.00
12.08	10.15	2.00	0.00	1.00	0.00	12.09	10.05	2.00	0.00	1.00	0.00
12.10	10.14	2.00	0.00	1.00	0.00	12.11	10.34	2.00	0.00	1.00	0.00
12.12	10.43	2.00	0.00	1.00	0.00	12.13	10.42	2.00	0.00	1.00	0.00
12.14	10.52	2.00	0.00	1.00	0.00	12.15	10.51	2.00	0.00	1.00	0.00
12.16	10.31	2.00	0.00	1.00	0.00	12.17	10.12	2.00	0.00	1.00	0.00
12.18	10.11	2.00	0.00	1.00	0.00	12.19	10.11	2.00	0.00	1.00	0.00
12.20	10.10	2.00	0.00	1.00	0.00	12.21	10.10	2.00	0.00	1.00	0.00
12.22	10.19	2.00	0.00	1.00	0.00	12.23	10.48	2.00	0.00	1.00	0.00
12.24	10.57	2.00	0.00	1.00	0.00	12.25	10.95	2.00	0.00	1.00	0.00
12.26	11.14	2.00	0.00	1.00	0.00	12.27	11.23	2.00	0.00	1.00	0.00
12.28	11.23	2.00	0.00	1.00	0.00	12.29	11.32	2.00	0.00	1.00	0.00
12.30	11.51	2.00	0.00	1.00	0.00	12.31	11.80	2.00	0.00	1.00	0.00
12.32	11.98	2.00	0.00	1.00	0.00	12.33	12.27	2.00	0.00	1.00	0.00
12.34	12.36	2.00	0.00	1.00	0.00	12.35	12.36	2.00	0.00	1.00	0.00
12.36	12.35	2.00	0.00	1.00	0.00	12.37	12.34	2.00	0.00	1.00	0.00
12.38	12.24	2.00	0.00	1.00	0.00	12.39	12.04	2.00	0.00	1.00	0.00
12.40	11.94	2.00	0.00	1.00	0.00	12.41	11.94	2.00	0.00	1.00	0.00
12.42	11.93	2.00	0.00	1.00	0.00	12.43	11.83	2.00	0.00	1.00	0.00
12.44	11.73	2.00	0.00	1.00	0.00	12.45	11.72	2.00	0.00	1.00	0.00
12.46	11.72	2.00	0.00	1.00	0.00	12.47	11.81	2.00	0.00	1.00	0.00
12.48	12.09	2.00	0.00	1.00	0.00	12.49	12.09	2.00	0.00	1.00	0.00
12.50	12.18	2.00	0.00	1.00	0.00	12.51	12.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	12.26	2.00	0.00	1.00	0.00	12.53	12.26	2.00	0.00	1.00	0.00
12.54	12.06	2.00	0.00	1.00	0.00	12.55	12.06	2.00	0.00	1.00	0.00
12.56	11.96	2.00	0.00	1.00	0.00	12.57	11.76	2.00	0.00	1.00	0.00
12.58	11.66	2.00	0.00	1.00	0.00	12.59	11.56	2.00	0.00	1.00	0.00
12.60	11.55	2.00	0.00	1.00	0.00	12.61	11.74	2.00	0.00	1.00	0.00
12.62	11.54	2.00	0.00	1.00	0.00	12.63	11.44	2.00	0.00	1.00	0.00
12.64	11.34	2.00	0.00	1.00	0.00	12.65	11.05	2.00	0.00	1.00	0.00
12.66	10.95	2.00	0.00	1.00	0.00	12.67	10.85	2.00	0.00	1.00	0.00
12.68	10.56	2.00	0.00	1.00	0.00	12.69	10.74	2.00	0.00	1.00	0.00
12.70	10.74	2.00	0.00	1.00	0.00	12.71	10.54	2.00	0.00	1.00	0.00
12.72	10.44	2.00	0.00	1.00	0.00	12.73	10.63	2.00	0.00	1.00	0.00
12.74	10.53	2.00	0.00	1.00	0.00	12.75	10.34	2.00	0.00	1.00	0.00
12.76	10.43	2.00	0.00	1.00	0.00	12.77	10.42	2.00	0.00	1.00	0.00
12.78	10.42	2.00	0.00	1.00	0.00	12.79	10.51	2.00	0.00	1.00	0.00
12.80	10.50	2.00	0.00	1.00	0.00	12.81	10.50	2.00	0.00	1.00	0.00
12.82	10.49	2.00	0.00	1.00	0.00	12.83	10.58	2.00	0.00	1.00	0.00
12.84	10.77	2.00	0.00	1.00	0.00	12.85	10.95	2.00	0.00	1.00	0.00
12.86	11.04	2.00	0.00	1.00	0.00	12.87	11.32	2.00	0.00	1.00	0.00
12.88	11.32	2.00	0.00	1.00	0.00	12.89	11.32	2.00	0.00	1.00	0.00
12.90	11.40	2.00	0.00	1.00	0.00	12.91	11.40	2.00	0.00	1.00	0.00
12.92	11.40	2.00	0.00	1.00	0.00	12.93	11.58	2.00	0.00	1.00	0.00
12.94	11.67	2.00	0.00	1.00	0.00	12.95	11.76	2.00	0.00	1.00	0.00
12.96	11.94	2.00	0.00	1.00	0.00	12.97	12.22	2.00	0.00	1.00	0.00
12.98	12.50	2.00	0.00	1.00	0.00	12.99	12.31	2.00	0.00	1.00	0.00
13.00	12.11	2.00	0.00	1.00	0.00	13.01	12.48	2.00	0.00	1.00	0.00
13.02	12.48	2.00	0.00	1.00	0.00	13.03	12.85	2.00	0.00	1.00	0.00
13.04	13.13	2.00	0.00	1.00	0.00	13.05	13.22	2.00	0.00	1.00	0.00
13.06	13.68	2.00	0.00	1.00	0.00	13.07	13.96	2.00	0.00	1.00	0.00
13.08	14.24	2.00	0.00	1.00	0.00	13.09	14.42	2.00	0.00	1.00	0.00
13.10	14.60	2.00	0.00	1.00	0.00	13.11	14.78	2.00	0.00	1.00	0.00
13.12	14.78	2.00	0.00	1.00	0.00	13.13	14.68	2.00	0.00	1.00	0.00
13.14	14.48	2.00	0.00	1.00	0.00	13.15	14.38	2.00	0.00	1.00	0.00
13.16	14.28	2.00	0.00	1.00	0.00	13.17	14.00	2.00	0.00	1.00	0.00
13.18	14.08	2.00	0.00	1.00	0.00	13.19	14.27	2.00	0.00	1.00	0.00
13.20	14.17	2.00	0.00	1.00	0.00	13.21	14.25	2.00	0.00	1.00	0.00
13.22	13.87	2.00	0.00	1.00	0.00	13.23	13.96	2.00	0.00	1.00	0.00
13.24	13.86	2.00	0.00	1.00	0.00	13.25	13.48	2.00	0.00	1.00	0.00
13.26	13.66	2.00	0.00	1.00	0.00	13.27	13.75	2.00	0.00	1.00	0.00
13.28	13.84	2.00	0.00	1.00	0.00	13.29	13.74	2.00	0.00	1.00	0.00
13.30	13.73	2.00	0.00	1.00	0.00	13.31	13.63	2.00	0.00	1.00	0.00
13.32	13.63	2.00	0.00	1.00	0.00	13.33	13.81	2.00	0.00	1.00	0.00
13.34	13.80	2.00	0.00	1.00	0.00	13.35	13.80	2.00	0.00	1.00	0.00
13.36	14.07	2.00	0.00	1.00	0.00	13.37	13.97	2.00	0.00	1.00	0.00
13.38	13.78	2.00	0.00	1.00	0.00	13.39	13.77	2.00	0.00	1.00	0.00
13.40	13.77	2.00	0.00	1.00	0.00	13.41	13.58	2.00	0.00	1.00	0.00
13.42	13.76	2.00	0.00	1.00	0.00	13.43	13.75	2.00	0.00	1.00	0.00
13.44	13.28	2.00	0.00	1.00	0.00	13.45	13.28	2.00	0.00	1.00	0.00
13.46	13.36	2.00	0.00	1.00	0.00	13.47	13.36	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	13.54	2.00	0.00	1.00	0.00	13.49	13.53	2.00	0.00	1.00	0.00
13.50	13.52	2.00	0.00	1.00	0.00	13.51	13.43	2.00	0.00	1.00	0.00
13.52	13.33	2.00	0.00	1.00	0.00	13.53	13.23	2.00	0.00	1.00	0.00
13.54	13.13	2.00	0.00	1.00	0.00	13.55	13.22	2.00	0.00	1.00	0.00
13.56	13.40	2.00	0.00	1.00	0.00	13.57	13.39	2.00	0.00	1.00	0.00
13.58	13.39	2.00	0.00	1.00	0.00	13.59	13.38	2.00	0.00	1.00	0.00
13.60	13.28	2.00	0.00	1.00	0.00	13.61	13.37	2.00	0.00	1.00	0.00
13.62	13.46	2.00	0.00	1.00	0.00	13.63	13.73	2.00	0.00	1.00	0.00
13.64	14.00	2.00	0.00	1.00	0.00	13.65	14.45	2.00	0.00	1.00	0.00
13.66	14.72	2.00	0.00	1.00	0.00	13.67	14.81	2.00	0.00	1.00	0.00
13.68	14.34	2.00	0.00	1.00	0.00	13.69	14.25	2.00	0.00	1.00	0.00
13.70	14.24	2.00	0.00	1.00	0.00	13.71	14.23	2.00	0.00	1.00	0.00
13.72	14.23	2.00	0.00	1.00	0.00	13.73	14.50	2.00	0.00	1.00	0.00
13.74	14.58	2.00	0.00	1.00	0.00	13.75	14.94	2.00	0.00	1.00	0.00
13.76	14.94	2.00	0.00	1.00	0.00	13.77	14.75	2.00	0.00	1.00	0.00
13.78	14.47	2.00	0.00	1.00	0.00	13.79	14.46	2.00	0.00	1.00	0.00
13.80	14.55	2.00	0.00	1.00	0.00	13.81	14.54	2.00	0.00	1.00	0.00
13.82	14.35	2.00	0.00	1.00	0.00	13.83	13.80	2.00	0.00	1.00	0.00
13.84	13.43	2.00	0.00	1.00	0.00	13.85	13.05	2.00	0.00	1.00	0.00
13.86	12.14	2.00	0.00	1.00	0.00	13.87	11.68	2.00	0.00	1.00	0.00
13.88	11.22	2.00	0.00	1.00	0.00	13.89	10.67	2.00	0.00	1.00	0.00
13.90	10.39	2.00	0.00	1.00	0.00	13.91	10.38	2.00	0.00	1.00	0.00
13.92	10.38	2.00	0.00	1.00	0.00	13.93	4.49	2.00	0.00	1.00	0.00
13.94	10.55	2.00	0.00	1.00	0.00	13.95	10.55	2.00	0.00	1.00	0.00
13.96	9.73	2.00	0.00	1.00	0.00	13.97	9.63	2.00	0.00	1.00	0.00
13.98	9.45	2.00	0.00	1.00	0.00	13.99	9.36	2.00	0.00	1.00	0.00
14.00	9.35	2.00	0.00	1.00	0.00	14.01	9.17	2.00	0.00	1.00	0.00
14.02	9.07	2.00	0.00	1.00	0.00	14.03	8.98	2.00	0.00	1.00	0.00
14.04	8.98	2.00	0.00	1.00	0.00	14.05	8.97	2.00	0.00	1.00	0.00
14.06	8.97	2.00	0.00	1.00	0.00	14.07	8.88	2.00	0.00	1.00	0.00
14.08	8.78	2.00	0.00	1.00	0.00	14.09	8.78	2.00	0.00	1.00	0.00
14.10	8.69	2.00	0.00	1.00	0.00	14.11	8.59	2.00	0.00	1.00	0.00
14.12	8.59	2.00	0.00	1.00	0.00	14.13	8.41	2.00	0.00	1.00	0.00
14.14	8.31	2.00	0.00	1.00	0.00	14.15	8.31	2.00	0.00	1.00	0.00
14.16	8.31	2.00	0.00	1.00	0.00	14.17	8.39	2.00	0.00	1.00	0.00
14.18	8.39	2.00	0.00	1.00	0.00	14.19	8.39	2.00	0.00	1.00	0.00
14.20	8.29	2.00	0.00	1.00	0.00	14.21	8.20	2.00	0.00	1.00	0.00
14.22	8.20	2.00	0.00	1.00	0.00	14.23	8.29	2.00	0.00	1.00	0.00
14.24	8.37	2.00	0.00	1.00	0.00	14.25	8.37	2.00	0.00	1.00	0.00
14.26	8.46	2.00	0.00	1.00	0.00	14.27	8.45	2.00	0.00	1.00	0.00
14.28	8.36	2.00	0.00	1.00	0.00	14.29	8.27	2.00	0.00	1.00	0.00
14.30	8.17	2.00	0.00	1.00	0.00	14.31	8.17	2.00	0.00	1.00	0.00
14.32	8.08	2.00	0.00	1.00	0.00	14.33	8.08	2.00	0.00	1.00	0.00
14.34	7.98	2.00	0.00	1.00	0.00	14.35	8.07	2.00	0.00	1.00	0.00
14.36	8.16	2.00	0.00	1.00	0.00	14.37	8.33	2.00	0.00	1.00	0.00
14.38	8.33	2.00	0.00	1.00	0.00	14.39	8.42	2.00	0.00	1.00	0.00
14.40	8.41	2.00	0.00	1.00	0.00	14.41	8.41	2.00	0.00	1.00	0.00
14.42	8.50	2.00	0.00	1.00	0.00	14.43	8.49	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

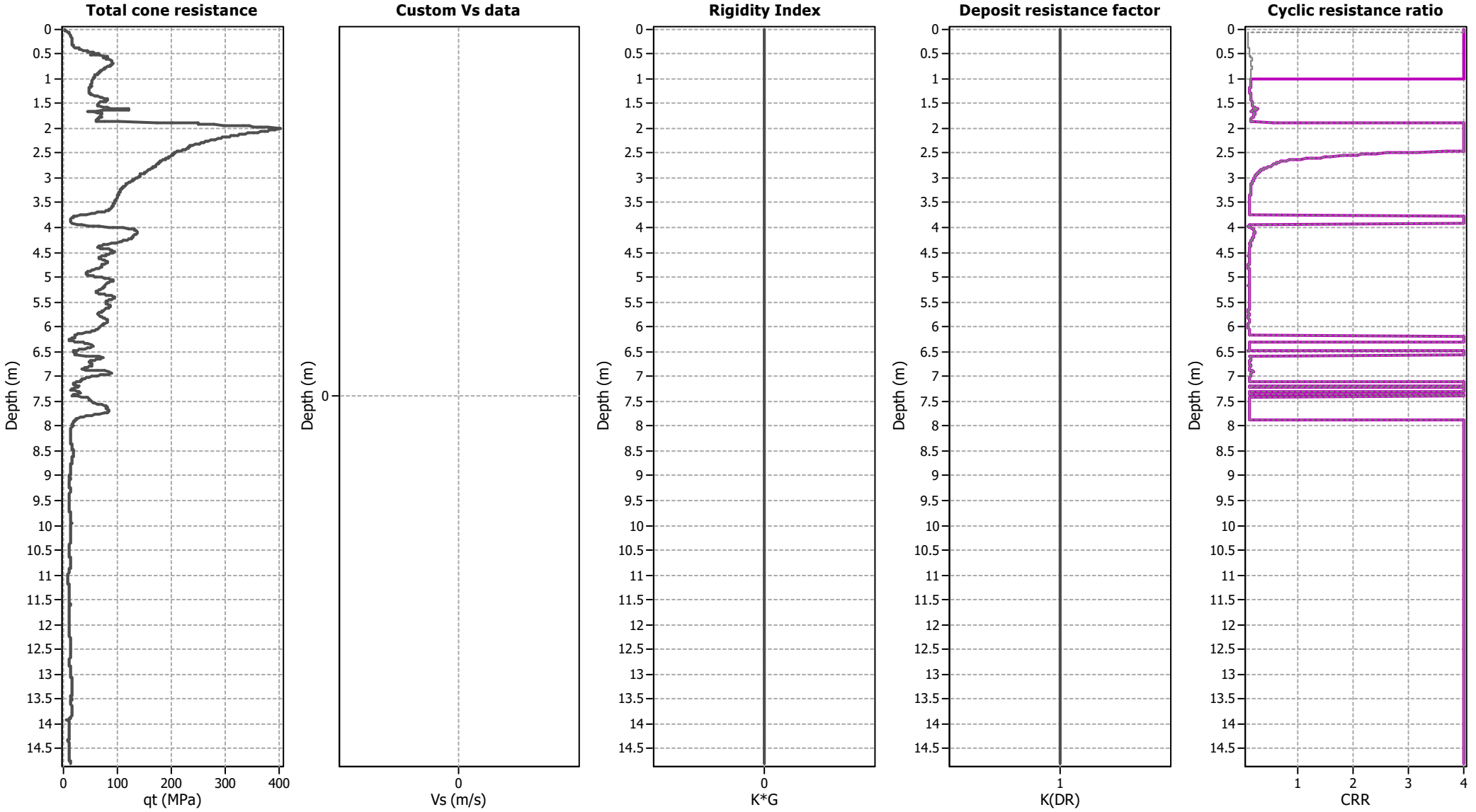
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	8.58	2.00	0.00	1.00	0.00	14.45	8.66	2.00	0.00	1.00	0.00
14.46	8.84	2.00	0.00	1.00	0.00	14.47	9.01	2.00	0.00	1.00	0.00
14.48	9.01	2.00	0.00	1.00	0.00	14.49	9.01	2.00	0.00	1.00	0.00
14.50	9.00	2.00	0.00	1.00	0.00	14.51	9.09	2.00	0.00	1.00	0.00
14.52	9.17	2.00	0.00	1.00	0.00	14.53	9.35	2.00	0.00	1.00	0.00
14.54	9.35	2.00	0.00	1.00	0.00	14.55	9.34	2.00	0.00	1.00	0.00
14.56	9.34	2.00	0.00	1.00	0.00	14.57	9.34	2.00	0.00	1.00	0.00
14.58	9.33	2.00	0.00	1.00	0.00	14.59	9.42	2.00	0.00	1.00	0.00
14.60	9.59	2.00	0.00	1.00	0.00	14.61	9.85	2.00	0.00	1.00	0.00
14.62	9.94	2.00	0.00	1.00	0.00	14.63	10.02	2.00	0.00	1.00	0.00
14.64	10.02	2.00	0.00	1.00	0.00	14.65	10.02	2.00	0.00	1.00	0.00
14.66	10.01	2.00	0.00	1.00	0.00	14.67	10.01	2.00	0.00	1.00	0.00
14.68	10.18	2.00	0.00	1.00	0.00	14.69	10.27	2.00	0.00	1.00	0.00
14.70	10.26	2.00	0.00	1.00	0.00	14.71	10.17	2.00	0.00	1.00	0.00
14.72	10.17	2.00	0.00	1.00	0.00	14.73	10.69	2.00	0.00	1.00	0.00
14.74	10.78	2.00	0.00	1.00	0.00	14.75	10.77	2.00	0.00	1.00	0.00
14.76	10.77	2.00	0.00	1.00	0.00	14.77	10.77	2.00	0.00	1.00	0.00
14.78	10.85	2.00	0.00	1.00	0.00	14.79	10.85	2.00	0.00	1.00	0.00
14.80	10.93	2.00	0.00	1.00	0.00						

Total estimated settlement: 16.37

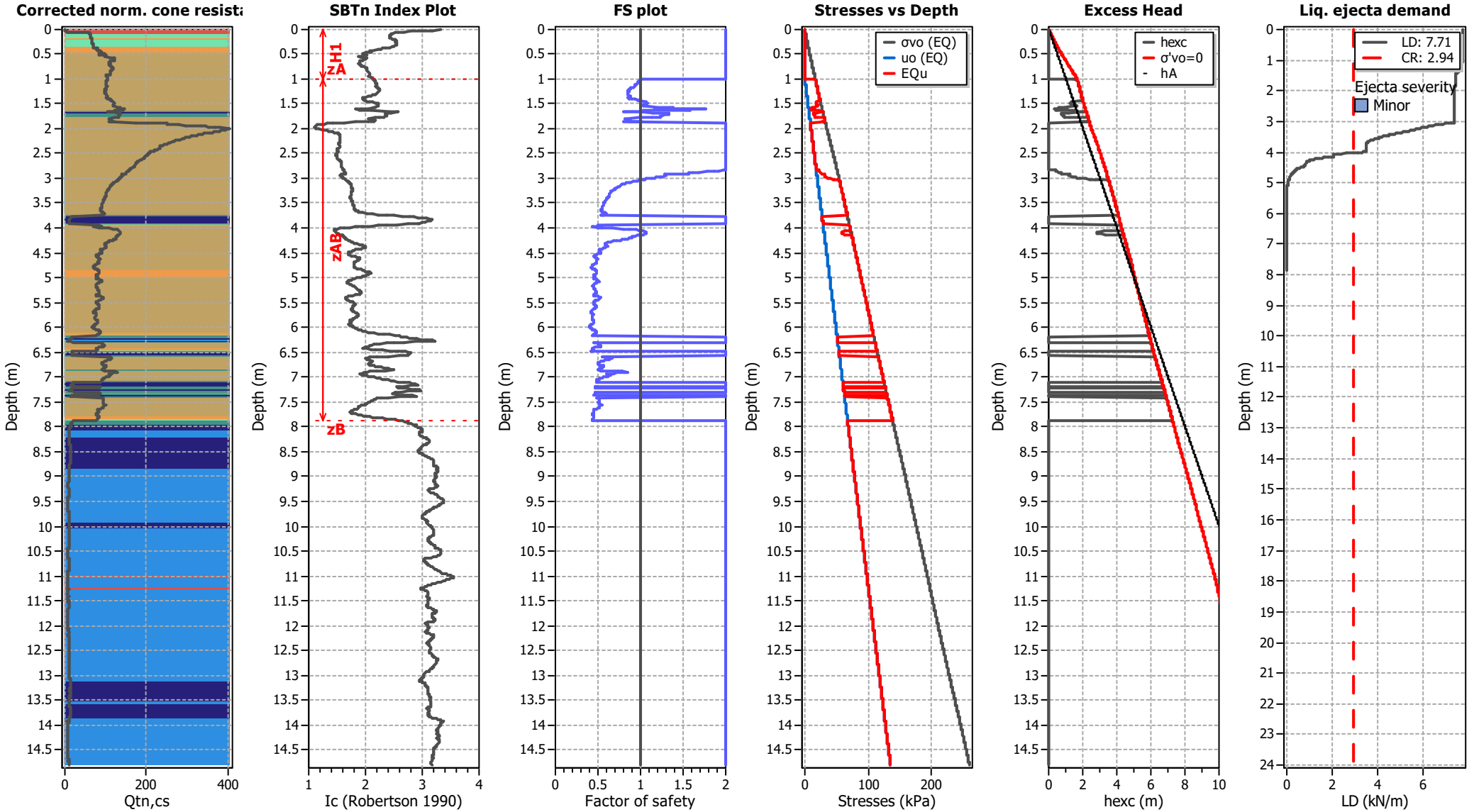
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



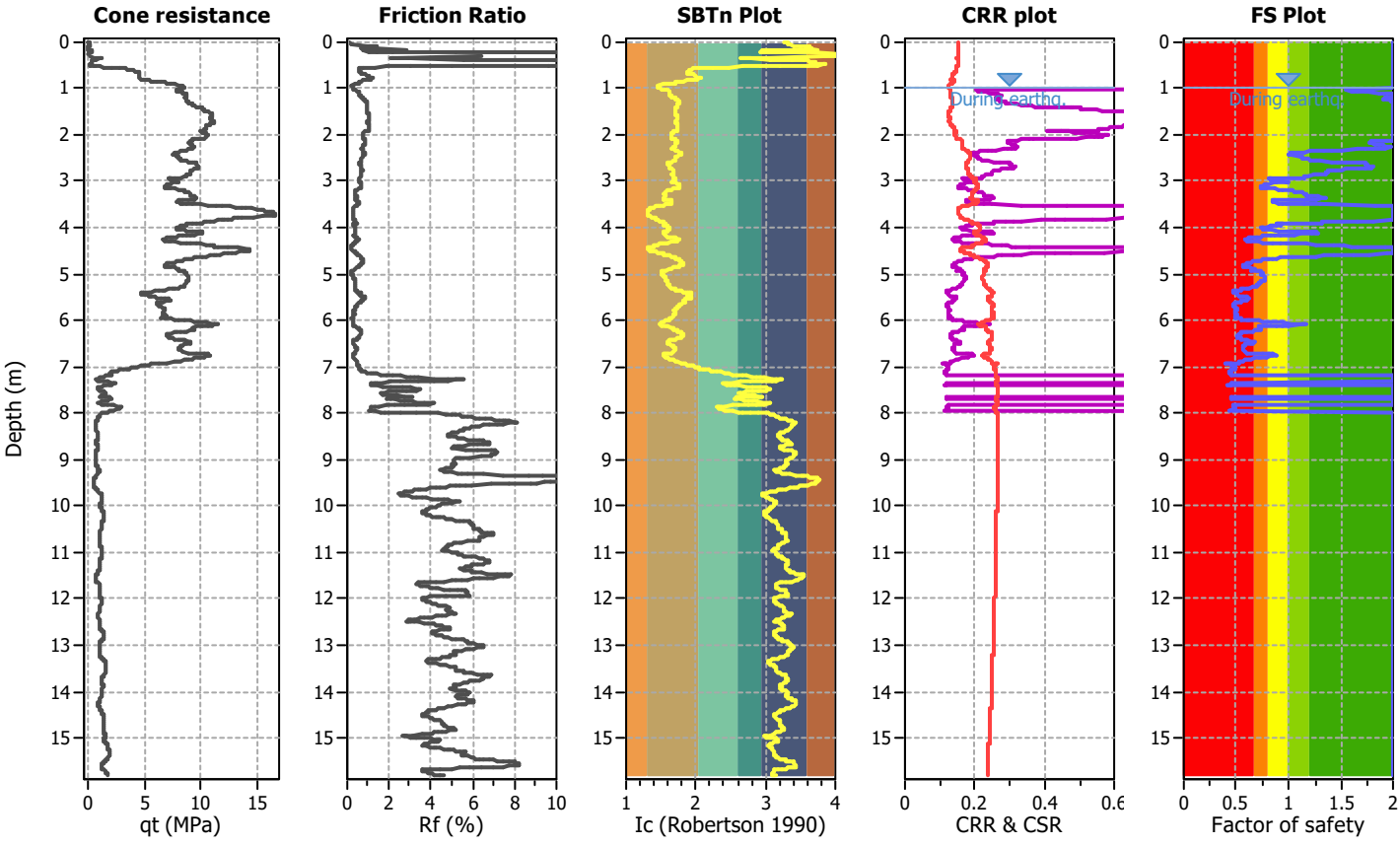
LIQUEFACTION ANALYSIS REPORT

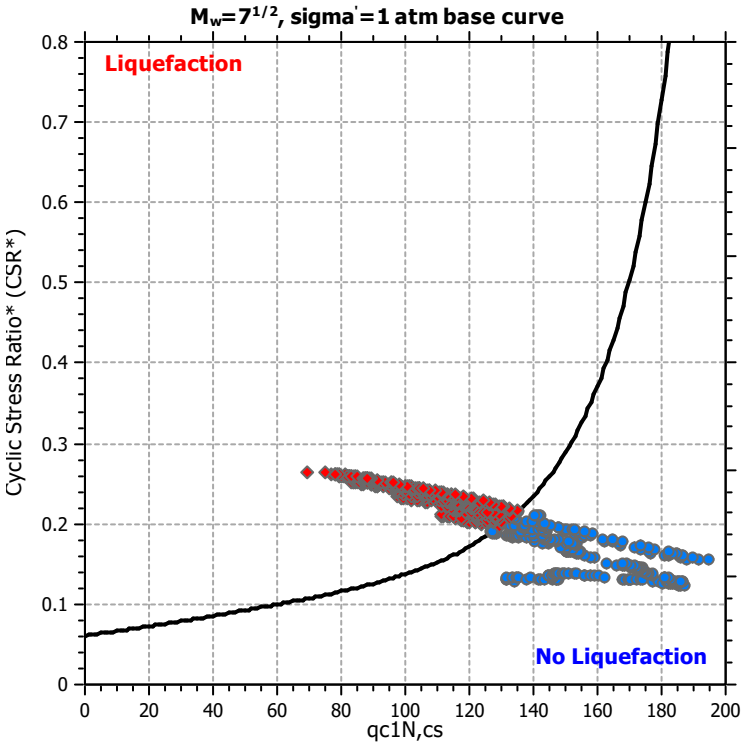
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

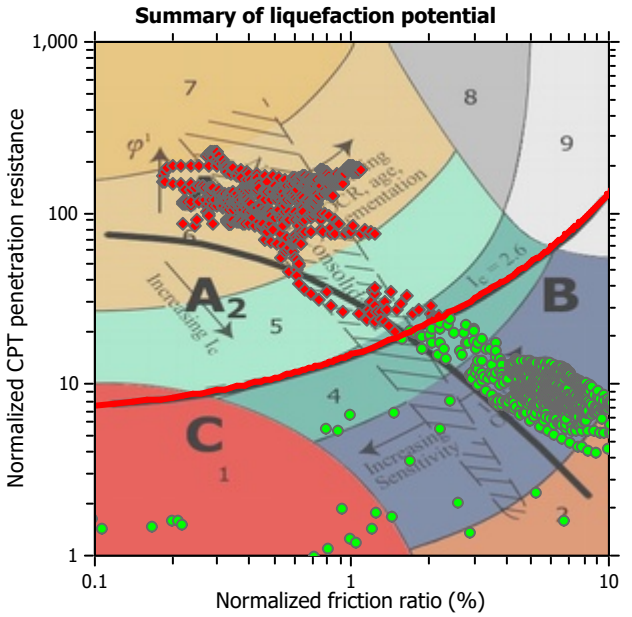
CPT file : 040008P1020CPTU1021

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

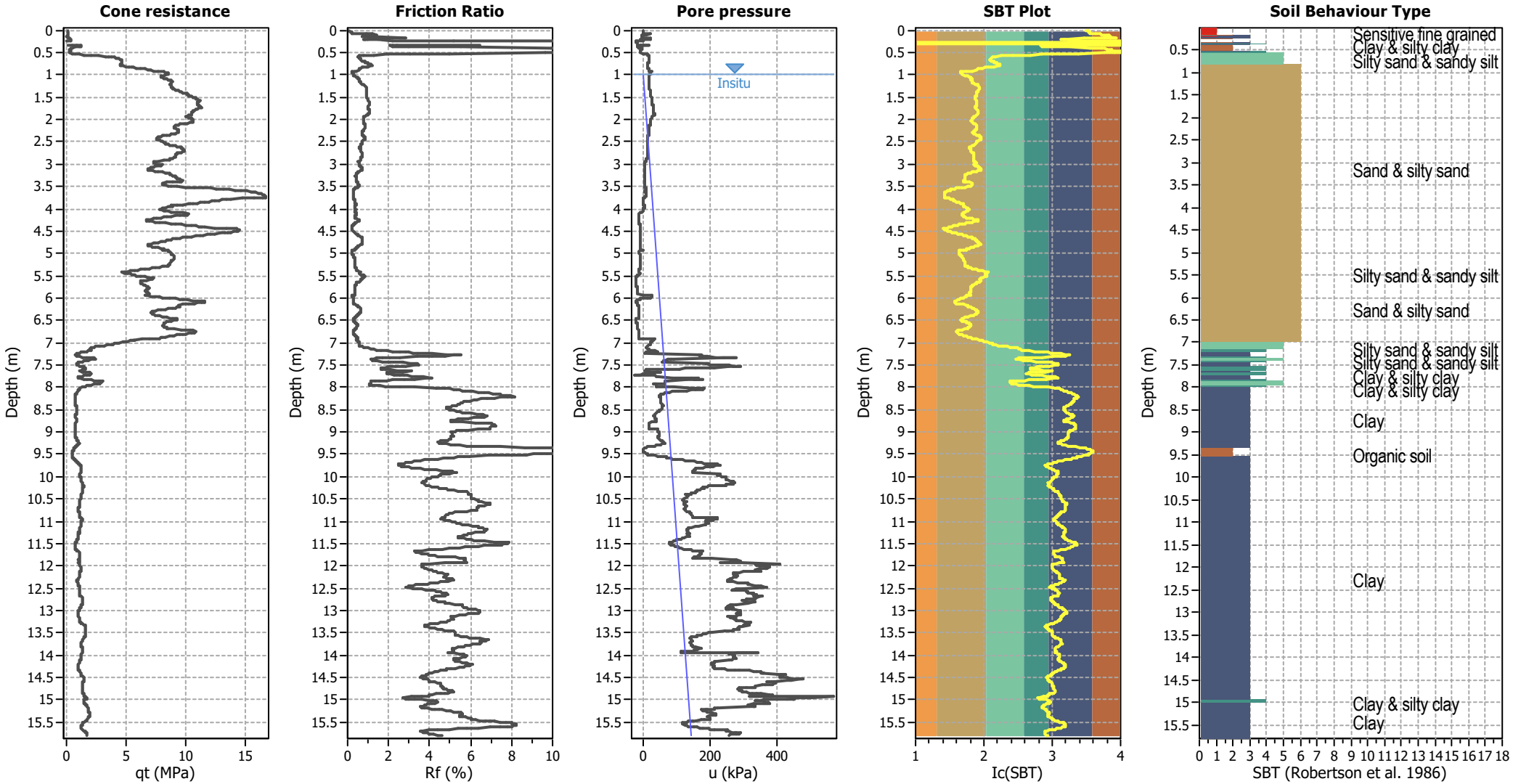






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



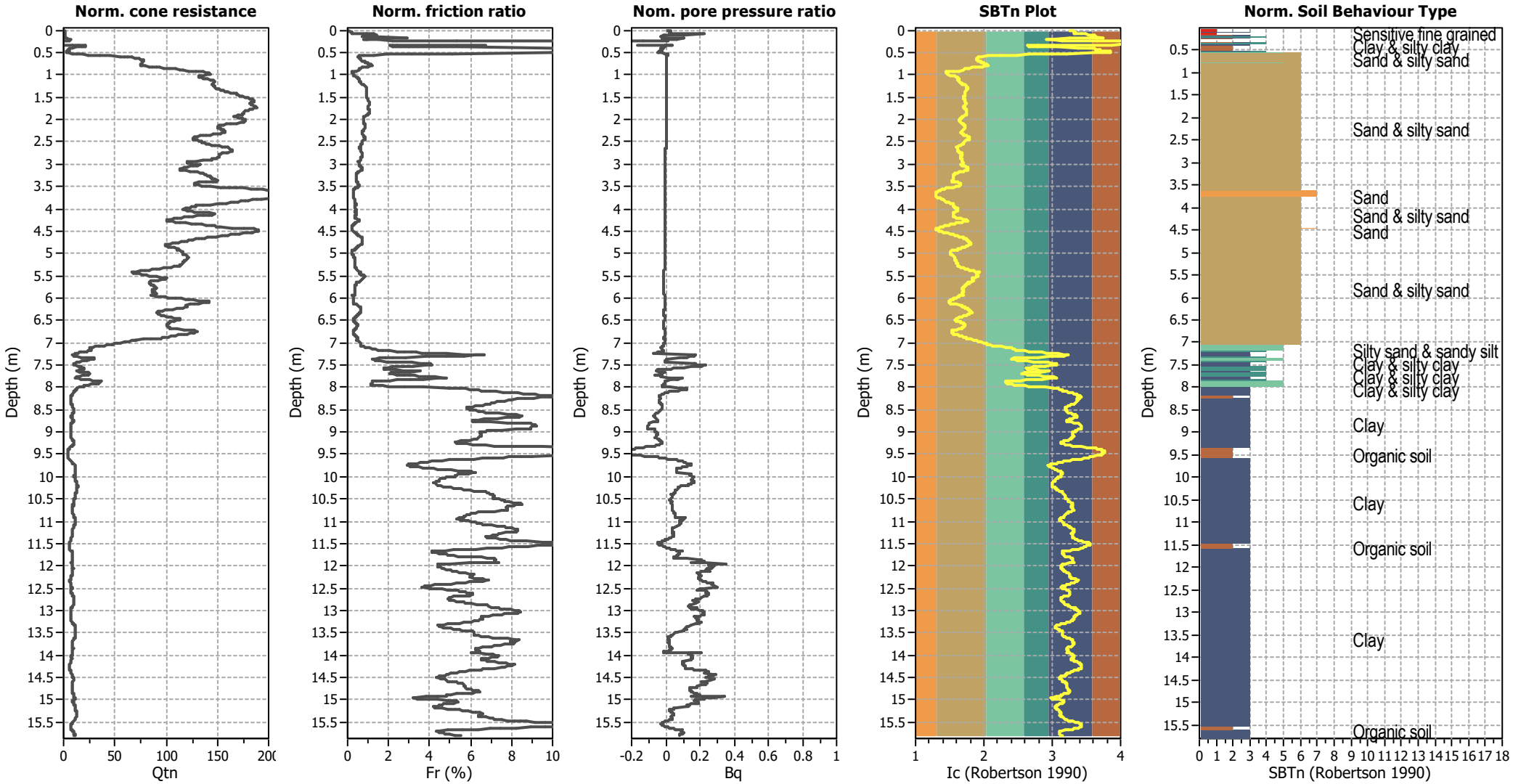
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



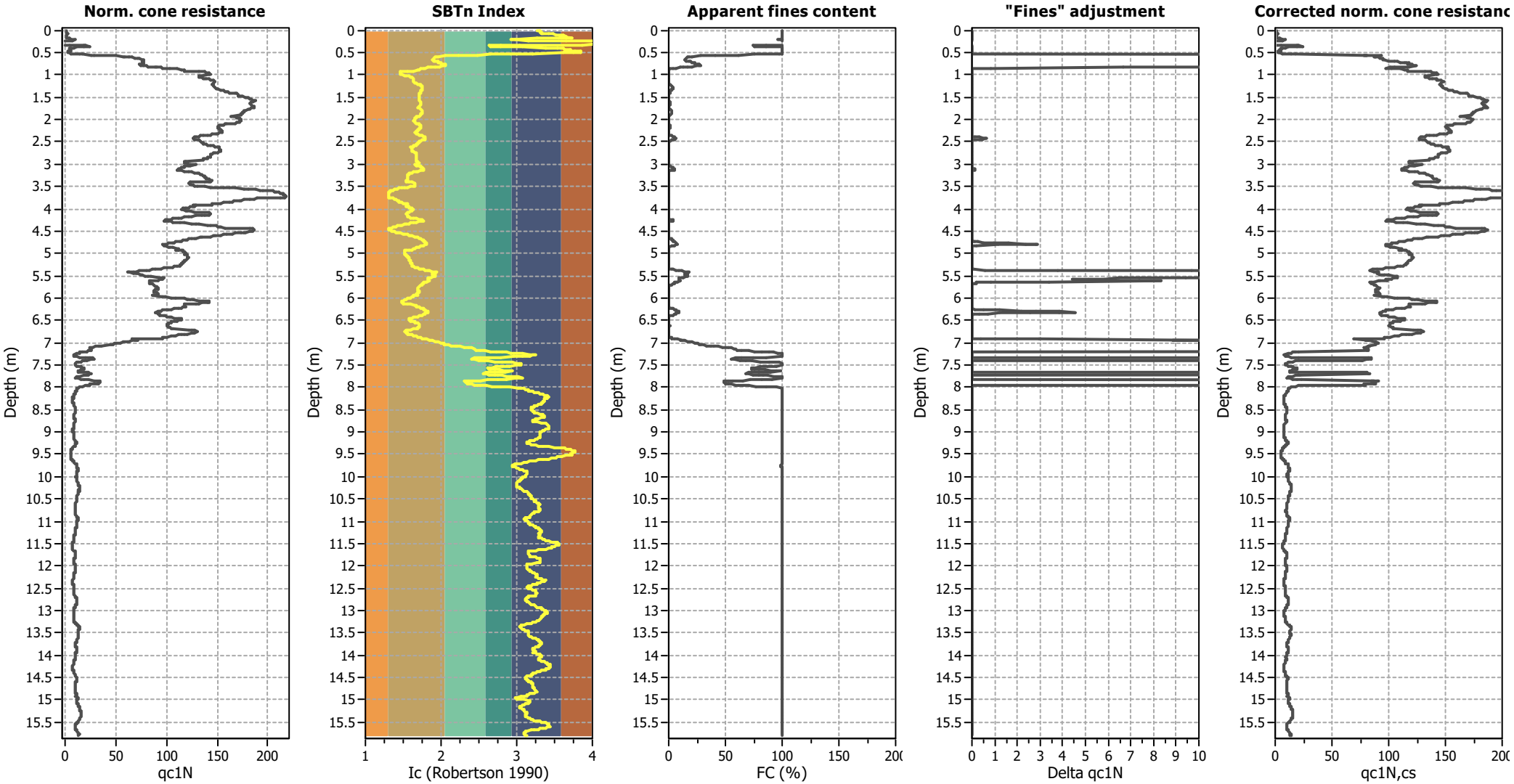
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

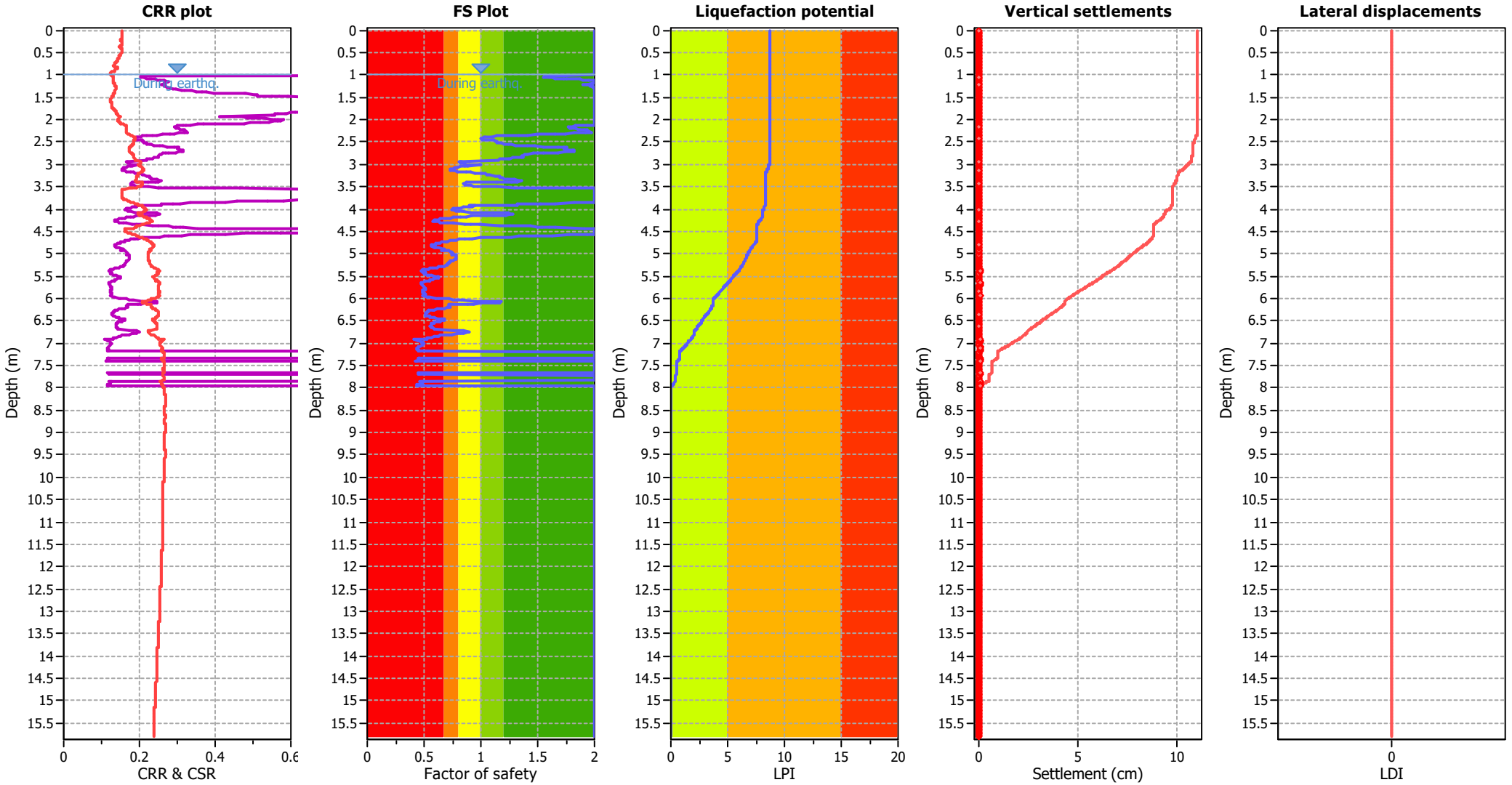
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

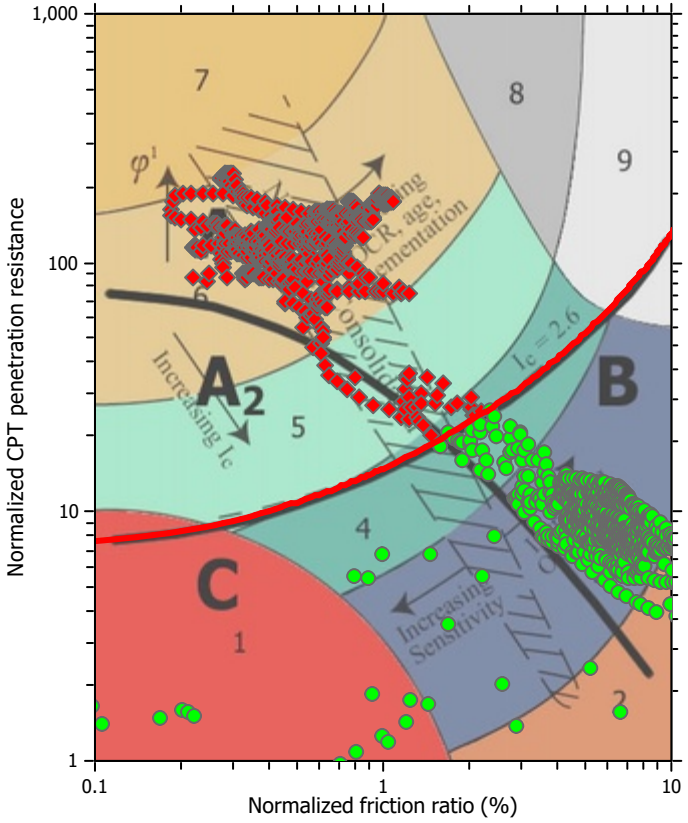
F.S. color scheme

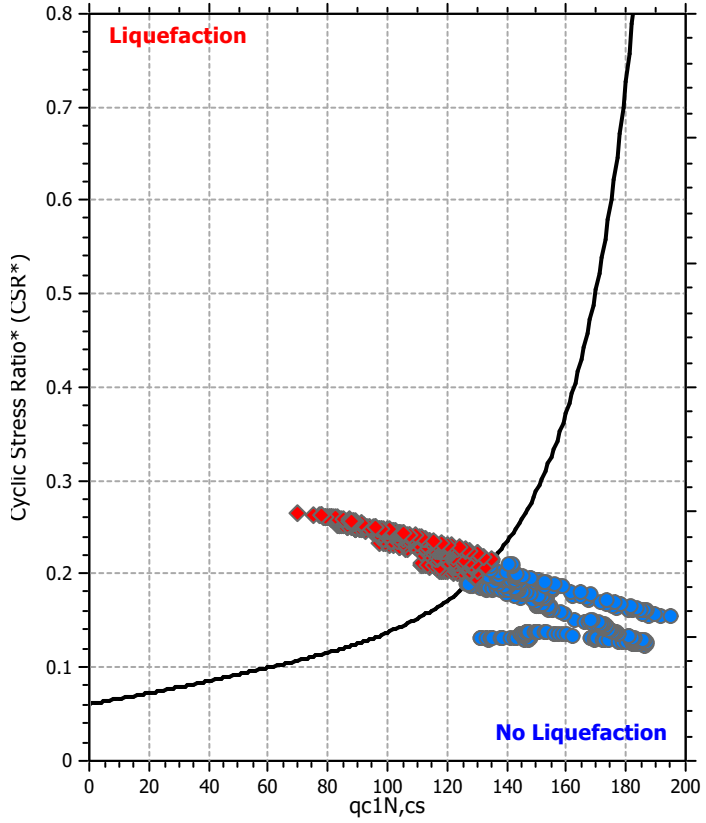
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

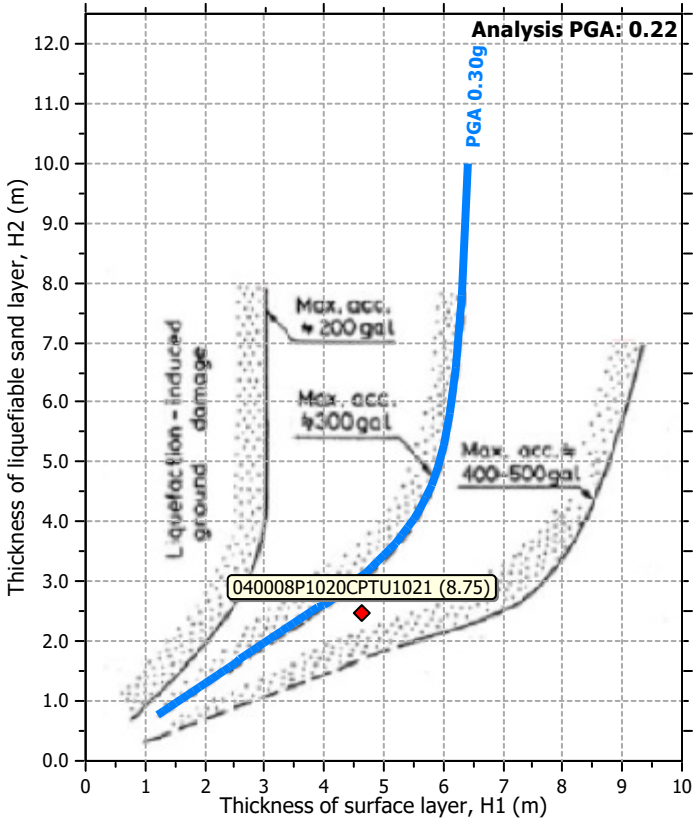
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



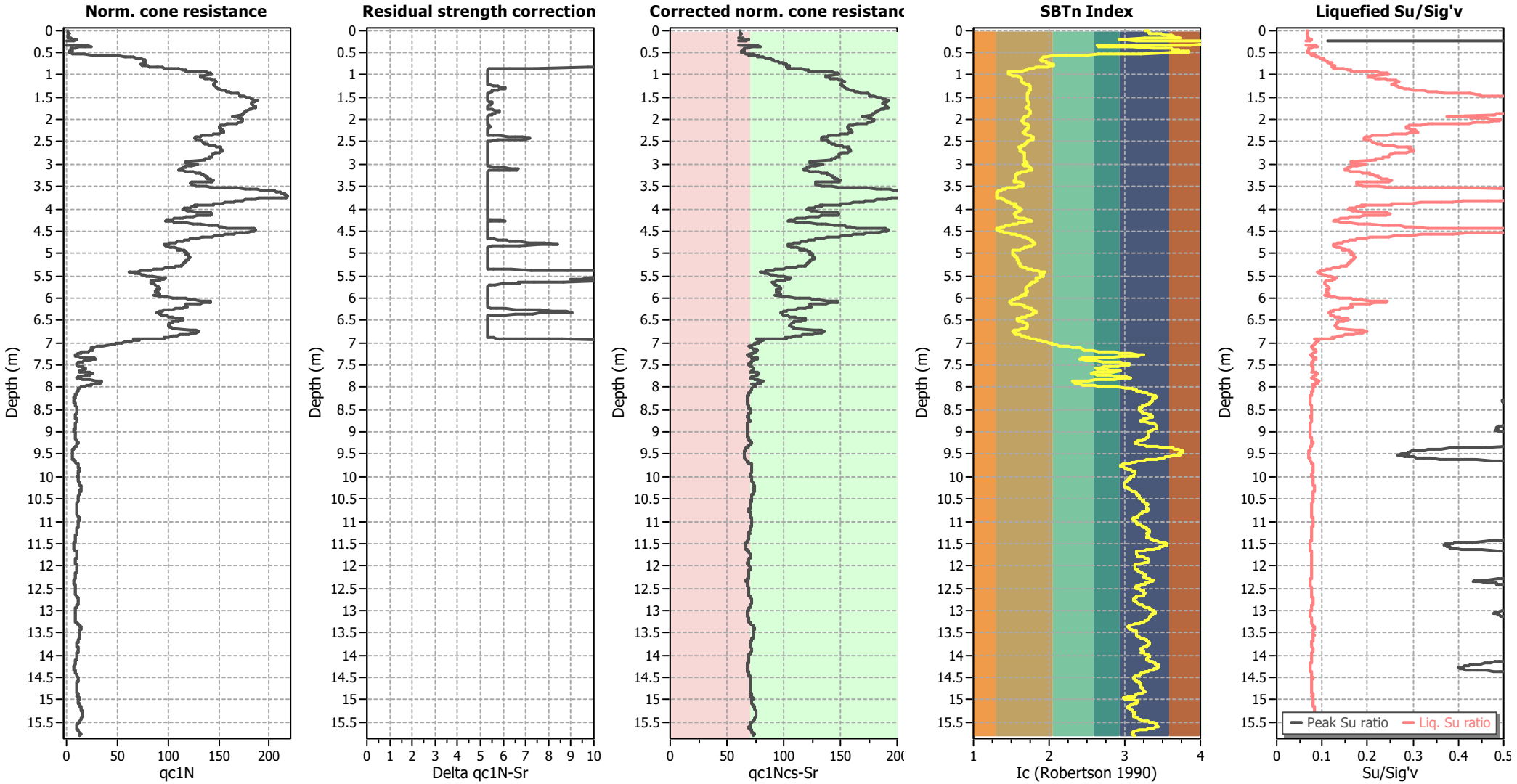




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	1.67	0.00	0.00	0.01	0.00	1.02	1.57	0.00	0.00	0.01	0.00
1.03	1.56	0.00	0.00	0.01	0.00	1.04	1.55	0.00	0.00	0.01	0.00
1.05	1.61	0.00	0.00	0.01	0.00	1.06	1.63	0.00	0.00	0.01	0.00
1.07	1.66	0.00	0.00	0.01	0.00	1.08	1.73	0.00	0.00	0.01	0.00
1.09	1.76	0.00	0.00	0.01	0.00	1.10	1.87	0.00	0.00	0.01	0.00
1.11	1.90	0.00	0.00	0.01	0.00	1.12	1.95	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	2.00	0.00	0.00	0.01	0.00	1.16	2.00	0.00	0.00	0.01	0.00
1.17	2.00	0.00	0.00	0.01	0.00	1.18	2.00	0.00	0.00	0.01	0.00
1.19	1.99	0.00	0.00	0.01	0.00	1.20	1.93	0.00	0.00	0.01	0.00
1.21	1.93	0.00	0.00	0.01	0.00	1.22	1.90	0.00	0.00	0.01	0.00
1.23	1.95	0.00	0.00	0.01	0.00	1.24	1.96	0.00	0.00	0.01	0.00
1.25	1.99	0.00	0.00	0.01	0.00	1.26	1.97	0.00	0.00	0.01	0.00
1.27	1.99	0.00	0.00	0.01	0.00	1.28	2.00	0.00	0.00	0.01	0.00
1.29	2.00	0.00	0.00	0.01	0.00	1.30	2.00	0.00	0.00	0.01	0.00
1.31	2.00	0.00	0.00	0.01	0.00	1.32	2.00	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	2.00	0.00	0.00	0.01	0.00
1.37	2.00	0.00	0.00	0.01	0.00	1.38	2.00	0.00	0.00	0.01	0.00
1.39	2.00	0.00	0.00	0.01	0.00	1.40	2.00	0.00	0.00	0.01	0.00
1.41	2.00	0.00	0.00	0.01	0.00	1.42	2.00	0.00	0.00	0.01	0.00
1.43	2.00	0.00	0.00	0.01	0.00	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	2.00	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	2.00	0.00	0.00	0.01	0.00
1.57	2.00	0.00	0.00	0.01	0.00	1.58	2.00	0.00	0.00	0.01	0.00
1.59	2.00	0.00	0.00	0.01	0.00	1.60	2.00	0.00	0.00	0.01	0.00
1.61	2.00	0.00	0.00	0.01	0.00	1.62	2.00	0.00	0.00	0.01	0.00
1.63	2.00	0.00	0.00	0.01	0.00	1.64	2.00	0.00	0.00	0.01	0.00
1.65	2.00	0.00	0.00	0.01	0.00	1.66	2.00	0.00	0.00	0.01	0.00
1.67	2.00	0.00	0.00	0.01	0.00	1.68	2.00	0.00	0.00	0.01	0.00
1.69	2.00	0.00	0.00	0.01	0.00	1.70	2.00	0.00	0.00	0.01	0.00
1.71	2.00	0.00	0.00	0.01	0.00	1.72	2.00	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	2.00	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	2.00	0.00	0.00	0.01	0.00	1.80	2.00	0.00	0.00	0.01	0.00
1.81	2.00	0.00	0.00	0.01	0.00	1.82	2.00	0.00	0.00	0.01	0.00
1.83	2.00	0.00	0.00	0.01	0.00	1.84	2.00	0.00	0.00	0.01	0.00
1.85	2.00	0.00	0.00	0.01	0.00	1.86	2.00	0.00	0.00	0.01	0.00
1.87	2.00	0.00	0.00	0.01	0.00	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	2.00	0.00	0.00	0.01	0.00	1.94	2.00	0.00	0.00	0.01	0.00
1.95	2.00	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	2.00	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	1.94	0.00	0.00	0.01	0.00	2.14	1.84	0.00	0.00	0.01	0.00
2.15	1.80	0.00	0.00	0.01	0.00	2.16	1.77	0.00	0.00	0.01	0.00
2.17	1.77	0.00	0.00	0.01	0.00	2.18	1.78	0.00	0.00	0.01	0.00
2.19	1.80	0.00	0.00	0.01	0.00	2.20	1.84	0.00	0.00	0.01	0.00
2.21	1.86	0.00	0.00	0.01	0.00	2.22	1.87	0.00	0.00	0.01	0.00
2.23	1.91	0.00	0.00	0.01	0.00	2.24	1.93	0.00	0.00	0.01	0.00
2.25	1.94	0.00	0.00	0.01	0.00	2.26	1.93	0.00	0.00	0.01	0.00
2.27	1.95	0.00	0.00	0.01	0.00	2.28	1.97	0.00	0.00	0.01	0.00
2.29	1.93	0.00	0.00	0.01	0.00	2.30	1.82	0.00	0.00	0.01	0.00
2.31	1.74	0.00	0.00	0.01	0.00	2.32	1.66	0.00	0.00	0.01	0.00
2.33	1.50	0.00	0.00	0.01	0.00	2.34	1.41	0.00	0.00	0.01	0.00
2.35	1.33	0.00	0.00	0.01	0.00	2.36	1.20	0.00	0.00	0.01	0.00
2.37	1.15	0.00	0.00	0.01	0.00	2.38	1.10	0.00	0.00	0.01	0.00
2.39	1.04	0.00	0.00	0.01	0.00	2.40	1.03	0.00	0.00	0.01	0.00
2.41	1.01	0.00	0.00	0.01	0.00	2.42	1.01	0.00	0.00	0.01	0.00
2.43	1.01	0.00	0.00	0.01	0.00	2.44	1.01	0.00	0.00	0.01	0.00
2.45	1.01	0.00	0.00	0.01	0.00	2.46	1.11	0.00	0.00	0.01	0.00
2.47	1.12	0.00	0.00	0.01	0.00	2.48	1.13	0.00	0.00	0.01	0.00
2.49	1.13	0.00	0.00	0.01	0.00	2.50	1.14	0.00	0.00	0.01	0.00
2.51	1.15	0.00	0.00	0.01	0.00	2.52	1.17	0.00	0.00	0.01	0.00
2.53	1.18	0.00	0.00	0.01	0.00	2.54	1.20	0.00	0.00	0.01	0.00
2.55	1.25	0.00	0.00	0.01	0.00	2.56	1.27	0.00	0.00	0.01	0.00
2.57	1.31	0.00	0.00	0.01	0.00	2.58	1.41	0.00	0.00	0.01	0.00
2.59	1.47	0.00	0.00	0.01	0.00	2.60	1.55	0.00	0.00	0.01	0.00
2.61	1.68	0.00	0.00	0.01	0.00	2.62	1.73	0.00	0.00	0.01	0.00
2.63	1.76	0.00	0.00	0.01	0.00	2.64	1.75	0.00	0.00	0.01	0.00
2.65	1.73	0.00	0.00	0.01	0.00	2.66	1.74	0.00	0.00	0.01	0.00
2.67	1.76	0.00	0.00	0.01	0.00	2.68	1.81	0.00	0.00	0.01	0.00
2.69	1.82	0.00	0.00	0.01	0.00	2.70	1.82	0.00	0.00	0.01	0.00
2.71	1.79	0.00	0.00	0.01	0.00	2.72	1.74	0.00	0.00	0.01	0.00
2.73	1.68	0.00	0.00	0.01	0.00	2.74	1.55	0.00	0.00	0.01	0.00
2.75	1.50	0.00	0.00	0.01	0.00	2.76	1.46	0.00	0.00	0.01	0.00
2.77	1.41	0.00	0.00	0.01	0.00	2.78	1.39	0.00	0.00	0.01	0.00
2.79	1.38	0.00	0.00	0.01	0.00	2.80	1.37	0.00	0.00	0.01	0.00
2.81	1.37	0.00	0.00	0.01	0.00	2.82	1.37	0.00	0.00	0.01	0.00
2.83	1.37	0.00	0.00	0.01	0.00	2.84	1.36	0.00	0.00	0.01	0.00
2.85	1.28	0.00	0.00	0.01	0.00	2.86	1.26	0.00	0.00	0.01	0.00
2.87	1.25	0.00	0.00	0.01	0.00	2.88	1.20	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	1.16	0.00	0.00	0.01	0.00	2.90	1.16	0.00	0.00	0.01	0.00
2.91	1.15	0.00	0.00	0.01	0.00	2.92	1.15	0.00	0.00	0.01	0.00
2.93	0.81	0.00	0.00	0.01	0.02	2.94	0.84	0.00	0.00	0.01	0.01
2.95	0.83	0.00	0.00	0.01	0.01	2.96	0.82	0.00	0.00	0.01	0.02
2.97	0.82	0.00	0.00	0.01	0.01	2.98	0.85	0.00	0.00	0.01	0.01
2.99	0.87	0.00	0.00	0.01	0.01	3.00	0.90	0.00	0.00	0.01	0.01
3.01	0.99	0.00	0.00	0.01	0.00	3.02	1.00	0.00	0.00	0.01	0.00
3.03	0.89	0.00	0.00	0.01	0.01	3.04	0.86	0.00	0.00	0.01	0.01
3.05	0.82	0.00	0.00	0.01	0.02	3.06	0.80	0.00	0.00	0.01	0.02
3.07	0.79	0.00	0.00	0.01	0.02	3.08	0.76	0.00	0.00	0.01	0.02
3.09	0.75	0.00	0.00	0.01	0.02	3.10	0.74	0.00	0.00	0.01	0.02
3.11	0.73	0.00	0.00	0.01	0.02	3.12	0.73	0.00	0.00	0.01	0.02
3.13	0.73	0.00	0.00	0.01	0.02	3.14	0.76	0.00	0.00	0.01	0.02
3.15	0.77	0.00	0.00	0.01	0.02	3.16	0.80	0.00	0.00	0.01	0.02
3.17	0.87	0.00	0.00	0.01	0.01	3.18	0.91	0.00	0.00	0.01	0.01
3.19	0.95	0.00	0.00	0.01	0.00	3.20	1.02	0.00	0.00	0.01	0.00
3.21	1.04	0.00	0.00	0.01	0.00	3.22	1.05	0.00	0.00	0.01	0.00
3.23	1.06	0.00	0.00	0.01	0.00	3.24	1.08	0.00	0.00	0.01	0.00
3.25	1.13	0.00	0.00	0.01	0.00	3.26	1.15	0.00	0.00	0.01	0.00
3.27	1.16	0.00	0.00	0.01	0.00	3.28	1.17	0.00	0.00	0.01	0.00
3.29	1.17	0.00	0.00	0.01	0.00	3.30	1.18	0.00	0.00	0.01	0.00
3.31	1.19	0.00	0.00	0.01	0.00	3.32	1.20	0.00	0.00	0.01	0.00
3.33	1.22	0.00	0.00	0.01	0.00	3.34	1.29	0.00	0.00	0.01	0.00
3.35	1.33	0.00	0.00	0.01	0.00	3.36	1.36	0.00	0.00	0.01	0.00
3.37	1.36	0.00	0.00	0.01	0.00	3.38	1.32	0.00	0.00	0.01	0.00
3.39	1.27	0.00	0.00	0.01	0.00	3.40	1.15	0.00	0.00	0.01	0.00
3.41	0.87	0.00	0.00	0.01	0.01	3.42	0.86	0.00	0.00	0.01	0.01
3.43	0.85	0.00	0.00	0.01	0.01	3.44	0.86	0.00	0.00	0.01	0.01
3.45	0.86	0.00	0.00	0.01	0.01	3.46	0.87	0.00	0.00	0.01	0.01
3.47	0.90	0.00	0.00	0.01	0.01	3.48	0.94	0.00	0.00	0.01	0.01
3.49	0.98	0.00	0.00	0.01	0.00	3.50	1.14	0.00	0.00	0.01	0.00
3.51	1.30	0.00	0.00	0.01	0.00	3.52	1.83	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	2.00	0.00	0.00	0.01	0.00	3.62	2.00	0.00	0.00	0.01	0.00
3.63	2.00	0.00	0.00	0.01	0.00	3.64	2.00	0.00	0.00	0.01	0.00
3.65	2.00	0.00	0.00	0.01	0.00	3.66	2.00	0.00	0.00	0.01	0.00
3.67	2.00	0.00	0.00	0.01	0.00	3.68	2.00	0.00	0.00	0.01	0.00
3.69	2.00	0.00	0.00	0.01	0.00	3.70	2.00	0.00	0.00	0.01	0.00
3.71	2.00	0.00	0.00	0.01	0.00	3.72	2.00	0.00	0.00	0.01	0.00
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	1.82	0.00	0.00	0.01	0.00
3.87	1.66	0.00	0.00	0.01	0.00	3.88	1.52	0.00	0.00	0.01	0.00
3.89	1.33	0.00	0.00	0.01	0.00	3.90	1.32	0.00	0.00	0.01	0.00
3.91	1.32	0.00	0.00	0.01	0.00	3.92	0.90	0.00	0.00	0.01	0.01
3.93	0.94	0.00	0.00	0.01	0.00	3.94	0.92	0.00	0.00	0.01	0.01
3.95	0.90	0.00	0.00	0.01	0.01	3.96	0.85	0.00	0.00	0.01	0.01
3.97	0.83	0.00	0.00	0.01	0.01	3.98	0.80	0.00	0.00	0.01	0.02
3.99	0.76	0.00	0.00	0.01	0.02	4.00	0.75	0.00	0.00	0.01	0.02
4.01	0.74	0.00	0.00	0.01	0.02	4.02	0.75	0.00	0.00	0.01	0.02
4.03	0.75	0.00	0.00	0.01	0.02	4.04	0.78	0.00	0.00	0.01	0.02
4.05	0.80	0.00	0.00	0.01	0.02	4.06	0.84	0.00	0.00	0.01	0.01
4.07	0.91	0.00	0.00	0.01	0.01	4.08	0.91	0.00	0.00	0.01	0.01
4.09	1.24	0.00	0.00	0.01	0.00	4.10	1.26	0.00	0.00	0.01	0.00
4.11	1.28	0.00	0.00	0.01	0.00	4.12	1.26	0.00	0.00	0.01	0.00
4.13	1.22	0.00	0.00	0.01	0.00	4.14	1.12	0.00	0.00	0.01	0.00
4.15	1.05	0.00	0.00	0.01	0.00	4.16	0.92	0.00	0.00	0.01	0.01
4.17	0.87	0.00	0.00	0.01	0.01	4.18	0.83	0.00	0.00	0.01	0.01
4.19	0.76	0.00	0.00	0.01	0.02	4.20	0.73	0.00	0.00	0.01	0.02
4.21	0.70	0.30	0.90	0.01	0.02	4.22	0.65	0.35	0.74	0.01	0.03
4.23	0.63	0.37	0.69	0.01	0.03	4.24	0.60	0.40	0.63	0.01	0.03
4.25	0.59	0.41	0.60	0.01	0.03	4.26	0.58	0.42	0.59	0.01	0.03
4.27	0.59	0.41	0.61	0.01	0.03	4.28	0.61	0.39	0.65	0.01	0.03
4.29	0.62	0.38	0.68	0.01	0.03	4.30	0.65	0.35	0.74	0.01	0.03
4.31	0.71	0.29	0.96	0.01	0.02	4.32	0.75	0.00	0.00	0.01	0.02
4.33	0.85	0.00	0.00	0.01	0.01	4.34	0.92	0.00	0.00	0.01	0.01
4.35	0.99	0.00	0.00	0.01	0.00	4.36	1.17	0.00	0.00	0.01	0.00
4.37	1.26	0.00	0.00	0.01	0.00	4.38	1.44	0.00	0.00	0.01	0.00
4.39	1.50	0.00	0.00	0.01	0.00	4.40	1.53	0.00	0.00	0.01	0.00
4.41	1.60	0.00	0.00	0.01	0.00	4.42	1.66	0.00	0.00	0.01	0.00
4.43	1.92	0.00	0.00	0.01	0.00	4.44	2.00	0.00	0.00	0.01	0.00
4.45	2.00	0.00	0.00	0.01	0.00	4.46	2.00	0.00	0.00	0.01	0.00
4.47	2.00	0.00	0.00	0.01	0.00	4.48	2.00	0.00	0.00	0.01	0.00
4.49	2.00	0.00	0.00	0.01	0.00	4.50	2.00	0.00	0.00	0.01	0.00
4.51	2.00	0.00	0.00	0.01	0.00	4.52	2.00	0.00	0.00	0.01	0.00
4.53	2.00	0.00	0.00	0.01	0.00	4.54	2.00	0.00	0.00	0.01	0.00
4.55	2.00	0.00	0.00	0.01	0.00	4.56	2.00	0.00	0.00	0.01	0.00
4.57	1.94	0.00	0.00	0.01	0.00	4.58	1.78	0.00	0.00	0.01	0.00
4.59	1.63	0.00	0.00	0.01	0.00	4.60	1.43	0.00	0.00	0.01	0.00
4.61	1.34	0.00	0.00	0.01	0.00	4.62	1.26	0.00	0.00	0.01	0.00
4.63	1.03	0.00	0.00	0.01	0.00	4.64	1.00	0.00	0.00	0.01	0.00
4.65	0.92	0.00	0.00	0.01	0.01	4.66	0.89	0.00	0.00	0.01	0.01
4.67	0.86	0.00	0.00	0.01	0.01	4.68	0.81	0.00	0.00	0.01	0.01
4.69	0.79	0.00	0.00	0.01	0.02	4.70	0.76	0.00	0.00	0.01	0.02
4.71	0.73	0.00	0.00	0.01	0.02	4.72	0.71	0.29	0.97	0.01	0.02
4.73	0.70	0.30	0.90	0.01	0.02	4.74	0.66	0.34	0.78	0.01	0.03
4.75	0.65	0.35	0.74	0.01	0.03	4.76	0.63	0.37	0.70	0.01	0.03
4.77	0.61	0.39	0.64	0.01	0.03	4.78	0.60	0.40	0.62	0.01	0.03
4.79	0.59	0.41	0.61	0.01	0.03	4.80	0.57	0.43	0.58	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.56	0.44	0.56	0.01	0.03	4.82	0.56	0.44	0.56	0.01	0.03
4.83	0.56	0.44	0.57	0.01	0.03	4.84	0.57	0.43	0.58	0.01	0.03
4.85	0.59	0.41	0.61	0.01	0.03	4.86	0.61	0.39	0.64	0.01	0.03
4.87	0.62	0.38	0.68	0.01	0.03	4.88	0.66	0.34	0.79	0.01	0.03
4.89	0.68	0.32	0.85	0.01	0.02	4.90	0.68	0.32	0.85	0.01	0.02
4.91	0.68	0.32	0.84	0.01	0.02	4.92	0.65	0.35	0.74	0.01	0.03
4.93	0.70	0.30	0.93	0.01	0.02	4.94	0.72	0.28	1.00	0.01	0.02
4.95	0.73	0.00	0.00	0.01	0.02	4.96	0.74	0.00	0.00	0.01	0.02
4.97	0.74	0.00	0.00	0.01	0.02	4.98	0.75	0.00	0.00	0.01	0.02
4.99	0.75	0.00	0.00	0.01	0.02	5.00	0.75	0.00	0.00	0.01	0.02
5.01	0.74	0.00	0.00	0.01	0.02	5.02	0.75	0.00	0.00	0.01	0.02
5.03	0.75	0.00	0.00	0.01	0.02	5.04	0.78	0.00	0.00	0.01	0.02
5.05	0.78	0.00	0.00	0.01	0.02	5.06	0.78	0.00	0.00	0.01	0.02
5.07	0.78	0.00	0.00	0.01	0.02	5.08	0.78	0.00	0.00	0.01	0.02
5.09	0.78	0.00	0.00	0.01	0.02	5.10	0.78	0.00	0.00	0.01	0.02
5.11	0.78	0.00	0.00	0.01	0.02	5.12	0.77	0.00	0.00	0.01	0.02
5.13	0.77	0.00	0.00	0.01	0.02	5.14	0.76	0.00	0.00	0.01	0.02
5.15	0.75	0.00	0.00	0.01	0.02	5.16	0.74	0.00	0.00	0.01	0.02
5.17	0.73	0.00	0.00	0.01	0.02	5.18	0.73	0.00	0.00	0.01	0.02
5.19	0.73	0.00	0.00	0.01	0.02	5.20	0.72	0.28	1.02	0.01	0.02
5.21	0.72	0.28	0.99	0.01	0.02	5.22	0.72	0.28	0.99	0.01	0.02
5.23	0.71	0.29	0.95	0.01	0.02	5.24	0.70	0.30	0.93	0.01	0.02
5.25	0.70	0.30	0.92	0.01	0.02	5.26	0.69	0.31	0.88	0.01	0.02
5.27	0.68	0.32	0.86	0.01	0.02	5.28	0.68	0.32	0.84	0.01	0.02
5.29	0.65	0.35	0.75	0.01	0.03	5.30	0.63	0.37	0.70	0.01	0.03
5.31	0.61	0.39	0.66	0.01	0.03	5.32	0.57	0.43	0.58	0.01	0.03
5.33	0.55	0.45	0.55	0.01	0.03	5.34	0.54	0.46	0.53	0.01	0.03
5.35	0.50	0.50	0.48	0.01	0.04	5.36	0.49	0.51	0.47	0.01	0.04
5.37	0.48	0.52	0.45	0.01	0.04	5.38	0.47	0.53	0.45	0.01	0.04
5.39	0.47	0.53	0.45	0.01	0.04	5.40	0.49	0.51	0.47	0.01	0.04
5.41	0.51	0.49	0.49	0.01	0.04	5.42	0.50	0.50	0.48	0.01	0.04
5.43	0.51	0.49	0.49	0.01	0.04	5.44	0.51	0.49	0.49	0.01	0.04
5.45	0.50	0.50	0.48	0.01	0.04	5.46	0.50	0.50	0.48	0.01	0.04
5.47	0.52	0.48	0.51	0.01	0.03	5.48	0.54	0.46	0.53	0.01	0.03
5.49	0.57	0.43	0.57	0.01	0.03	5.50	0.61	0.39	0.64	0.01	0.03
5.51	0.63	0.37	0.69	0.01	0.03	5.52	0.62	0.38	0.67	0.01	0.03
5.53	0.63	0.37	0.69	0.01	0.03	5.54	0.60	0.40	0.64	0.01	0.03
5.55	0.60	0.40	0.63	0.01	0.03	5.56	0.59	0.41	0.62	0.01	0.03
5.57	0.58	0.42	0.60	0.01	0.03	5.58	0.57	0.43	0.57	0.01	0.03
5.59	0.55	0.45	0.54	0.01	0.03	5.60	0.56	0.44	0.55	0.01	0.03
5.61	0.51	0.49	0.50	0.01	0.03	5.62	0.51	0.49	0.49	0.01	0.04
5.63	0.49	0.51	0.46	0.01	0.04	5.64	0.48	0.52	0.45	0.01	0.04
5.65	0.47	0.53	0.45	0.01	0.04	5.66	0.47	0.53	0.45	0.01	0.04
5.67	0.48	0.52	0.45	0.01	0.04	5.68	0.48	0.52	0.45	0.01	0.04
5.69	0.48	0.52	0.46	0.01	0.04	5.70	0.49	0.51	0.46	0.01	0.04
5.71	0.49	0.51	0.47	0.01	0.04	5.72	0.49	0.51	0.47	0.01	0.04
5.73	0.50	0.50	0.48	0.01	0.04	5.74	0.50	0.50	0.48	0.01	0.04
5.75	0.50	0.50	0.48	0.01	0.04	5.76	0.51	0.49	0.49	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.51	0.49	0.49	0.01	0.03	5.78	0.51	0.49	0.49	0.01	0.03
5.79	0.51	0.49	0.49	0.01	0.03	5.80	0.50	0.50	0.48	0.01	0.04
5.81	0.49	0.51	0.47	0.01	0.04	5.82	0.49	0.51	0.47	0.01	0.04
5.83	0.49	0.51	0.47	0.01	0.04	5.84	0.49	0.51	0.47	0.01	0.04
5.85	0.49	0.51	0.47	0.01	0.04	5.86	0.49	0.51	0.47	0.01	0.04
5.87	0.50	0.50	0.48	0.01	0.04	5.88	0.50	0.50	0.48	0.01	0.04
5.89	0.51	0.49	0.49	0.01	0.03	5.90	0.51	0.49	0.49	0.01	0.03
5.91	0.51	0.49	0.49	0.01	0.03	5.92	0.51	0.49	0.49	0.01	0.03
5.93	0.48	0.52	0.46	0.01	0.04	5.94	0.48	0.52	0.46	0.01	0.04
5.95	0.48	0.52	0.46	0.01	0.04	5.96	0.53	0.47	0.51	0.01	0.03
5.97	0.54	0.46	0.53	0.01	0.03	5.98	0.55	0.45	0.55	0.01	0.03
5.99	0.60	0.40	0.63	0.01	0.03	6.00	0.63	0.37	0.69	0.01	0.03
6.01	0.72	0.28	1.01	0.01	0.02	6.02	0.75	0.00	0.00	0.01	0.02
6.03	0.79	0.00	0.00	0.01	0.01	6.04	0.83	0.00	0.00	0.01	0.01
6.05	0.94	0.00	0.00	0.01	0.00	6.06	1.01	0.00	0.00	0.01	0.00
6.07	1.15	0.00	0.00	0.01	0.00	6.08	1.18	0.00	0.00	0.01	0.00
6.09	1.17	0.00	0.00	0.01	0.00	6.10	1.13	0.00	0.00	0.01	0.00
6.11	1.00	0.00	0.00	0.01	0.00	6.12	0.94	0.00	0.00	0.01	0.00
6.13	0.89	0.00	0.00	0.01	0.01	6.14	0.72	0.28	1.03	0.01	0.02
6.15	0.72	0.28	1.01	0.01	0.02	6.16	0.72	0.28	1.01	0.01	0.02
6.17	0.72	0.28	1.03	0.01	0.02	6.18	0.73	0.00	0.00	0.01	0.02
6.19	0.73	0.00	0.00	0.01	0.02	6.20	0.72	0.28	1.02	0.01	0.02
6.21	0.70	0.30	0.92	0.01	0.02	6.22	0.68	0.32	0.85	0.01	0.02
6.23	0.66	0.34	0.76	0.01	0.02	6.24	0.61	0.39	0.66	0.01	0.03
6.25	0.59	0.41	0.61	0.01	0.03	6.26	0.57	0.43	0.58	0.01	0.03
6.27	0.54	0.46	0.54	0.01	0.03	6.28	0.54	0.46	0.53	0.01	0.03
6.29	0.53	0.47	0.51	0.01	0.03	6.30	0.53	0.47	0.51	0.01	0.03
6.31	0.52	0.48	0.50	0.01	0.03	6.32	0.51	0.49	0.50	0.01	0.03
6.33	0.51	0.49	0.50	0.01	0.03	6.34	0.51	0.49	0.49	0.01	0.03
6.35	0.51	0.49	0.49	0.01	0.03	6.36	0.51	0.49	0.49	0.01	0.03
6.37	0.51	0.49	0.49	0.01	0.03	6.38	0.52	0.48	0.50	0.01	0.03
6.39	0.54	0.46	0.53	0.01	0.03	6.40	0.55	0.45	0.54	0.01	0.03
6.41	0.56	0.44	0.55	0.01	0.03	6.42	0.58	0.42	0.60	0.01	0.03
6.43	0.60	0.40	0.62	0.01	0.03	6.44	0.61	0.39	0.66	0.01	0.03
6.45	0.65	0.35	0.75	0.01	0.02	6.46	0.66	0.34	0.79	0.01	0.02
6.47	0.68	0.32	0.84	0.01	0.02	6.48	0.68	0.32	0.83	0.01	0.02
6.49	0.66	0.34	0.79	0.01	0.02	6.50	0.65	0.35	0.76	0.01	0.02
6.51	0.64	0.36	0.73	0.01	0.02	6.52	0.59	0.41	0.61	0.01	0.03
6.53	0.59	0.41	0.61	0.01	0.03	6.54	0.59	0.41	0.60	0.01	0.03
6.55	0.58	0.42	0.59	0.01	0.03	6.56	0.57	0.43	0.58	0.01	0.03
6.57	0.57	0.43	0.57	0.01	0.03	6.58	0.57	0.43	0.57	0.01	0.03
6.59	0.56	0.44	0.57	0.01	0.03	6.60	0.56	0.44	0.57	0.01	0.03
6.61	0.56	0.44	0.56	0.01	0.03	6.62	0.56	0.44	0.55	0.01	0.03
6.63	0.56	0.44	0.56	0.01	0.03	6.64	0.57	0.43	0.58	0.01	0.03
6.65	0.58	0.42	0.58	0.01	0.03	6.66	0.58	0.42	0.60	0.01	0.03
6.67	0.59	0.41	0.60	0.01	0.03	6.68	0.59	0.41	0.60	0.01	0.03
6.69	0.59	0.41	0.61	0.01	0.03	6.70	0.60	0.40	0.62	0.01	0.03
6.71	0.76	0.00	0.00	0.01	0.02	6.72	0.81	0.00	0.00	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.85	0.00	0.00	0.01	0.01	6.74	0.89	0.00	0.00	0.01	0.01
6.75	0.89	0.00	0.00	0.01	0.01	6.76	0.89	0.00	0.00	0.01	0.01
6.77	0.85	0.00	0.00	0.01	0.01	6.78	0.82	0.00	0.00	0.01	0.01
6.79	0.80	0.00	0.00	0.01	0.01	6.80	0.74	0.00	0.00	0.01	0.02
6.81	0.71	0.29	0.98	0.01	0.02	6.82	0.69	0.31	0.86	0.01	0.02
6.83	0.65	0.35	0.74	0.01	0.02	6.84	0.63	0.37	0.69	0.01	0.02
6.85	0.61	0.39	0.65	0.01	0.03	6.86	0.59	0.41	0.62	0.01	0.03
6.87	0.56	0.44	0.56	0.01	0.03	6.88	0.54	0.46	0.53	0.01	0.03
6.89	0.53	0.47	0.51	0.01	0.03	6.90	0.53	0.47	0.51	0.01	0.03
6.91	0.53	0.47	0.51	0.01	0.03	6.92	0.40	0.60	0.39	0.01	0.04
6.93	0.45	0.55	0.43	0.01	0.04	6.94	0.44	0.56	0.42	0.01	0.04
6.95	0.46	0.54	0.43	0.01	0.04	6.96	0.46	0.54	0.44	0.01	0.04
6.97	0.48	0.52	0.45	0.01	0.03	6.98	0.49	0.51	0.47	0.01	0.03
6.99	0.49	0.51	0.47	0.01	0.03	7.00	0.50	0.50	0.48	0.01	0.03
7.01	0.49	0.51	0.46	0.01	0.03	7.02	0.49	0.51	0.47	0.01	0.03
7.03	0.49	0.51	0.46	0.01	0.03	7.04	0.48	0.52	0.46	0.01	0.03
7.05	0.49	0.51	0.46	0.01	0.03	7.06	0.46	0.54	0.43	0.01	0.04
7.07	0.46	0.54	0.44	0.01	0.03	7.08	0.46	0.54	0.43	0.01	0.04
7.09	0.46	0.54	0.43	0.01	0.04	7.10	0.44	0.56	0.42	0.01	0.04
7.11	0.44	0.56	0.42	0.01	0.04	7.12	0.44	0.56	0.42	0.01	0.04
7.13	0.44	0.56	0.42	0.01	0.04	7.14	0.45	0.55	0.43	0.01	0.04
7.15	0.45	0.55	0.43	0.01	0.04	7.16	0.46	0.54	0.43	0.01	0.03
7.17	0.45	0.55	0.43	0.01	0.04	7.18	0.45	0.55	0.42	0.01	0.04
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	2.00	0.00	0.00	0.01	0.00
7.29	2.00	0.00	0.00	0.01	0.00	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	0.45	0.55	0.43	0.01	0.03
7.35	0.46	0.54	0.44	0.01	0.03	7.36	0.46	0.54	0.44	0.01	0.03
7.37	0.46	0.54	0.43	0.01	0.03	7.38	0.45	0.55	0.43	0.01	0.03
7.39	0.43	0.57	0.41	0.01	0.04	7.40	0.42	0.58	0.40	0.01	0.04
7.41	2.00	0.00	0.00	0.01	0.00	7.42	2.00	0.00	0.00	0.01	0.00
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	0.45	0.55	0.43	0.01	0.03	7.68	0.45	0.55	0.43	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.46	0.54	0.43	0.01	0.03	7.70	0.46	0.54	0.43	0.01	0.03
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	0.48	0.52	0.45	0.01	0.03
7.85	0.47	0.53	0.44	0.01	0.03	7.86	0.50	0.50	0.48	0.01	0.03
7.87	0.49	0.51	0.46	0.01	0.03	7.88	0.48	0.52	0.46	0.01	0.03
7.89	0.48	0.52	0.45	0.01	0.03	7.90	0.48	0.52	0.45	0.01	0.03
7.91	0.48	0.52	0.45	0.01	0.03	7.92	0.48	0.52	0.46	0.01	0.03
7.93	0.44	0.56	0.41	0.01	0.03	7.94	0.44	0.56	0.42	0.01	0.03
7.95	0.44	0.56	0.41	0.01	0.03	7.96	0.43	0.57	0.41	0.01	0.03
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00

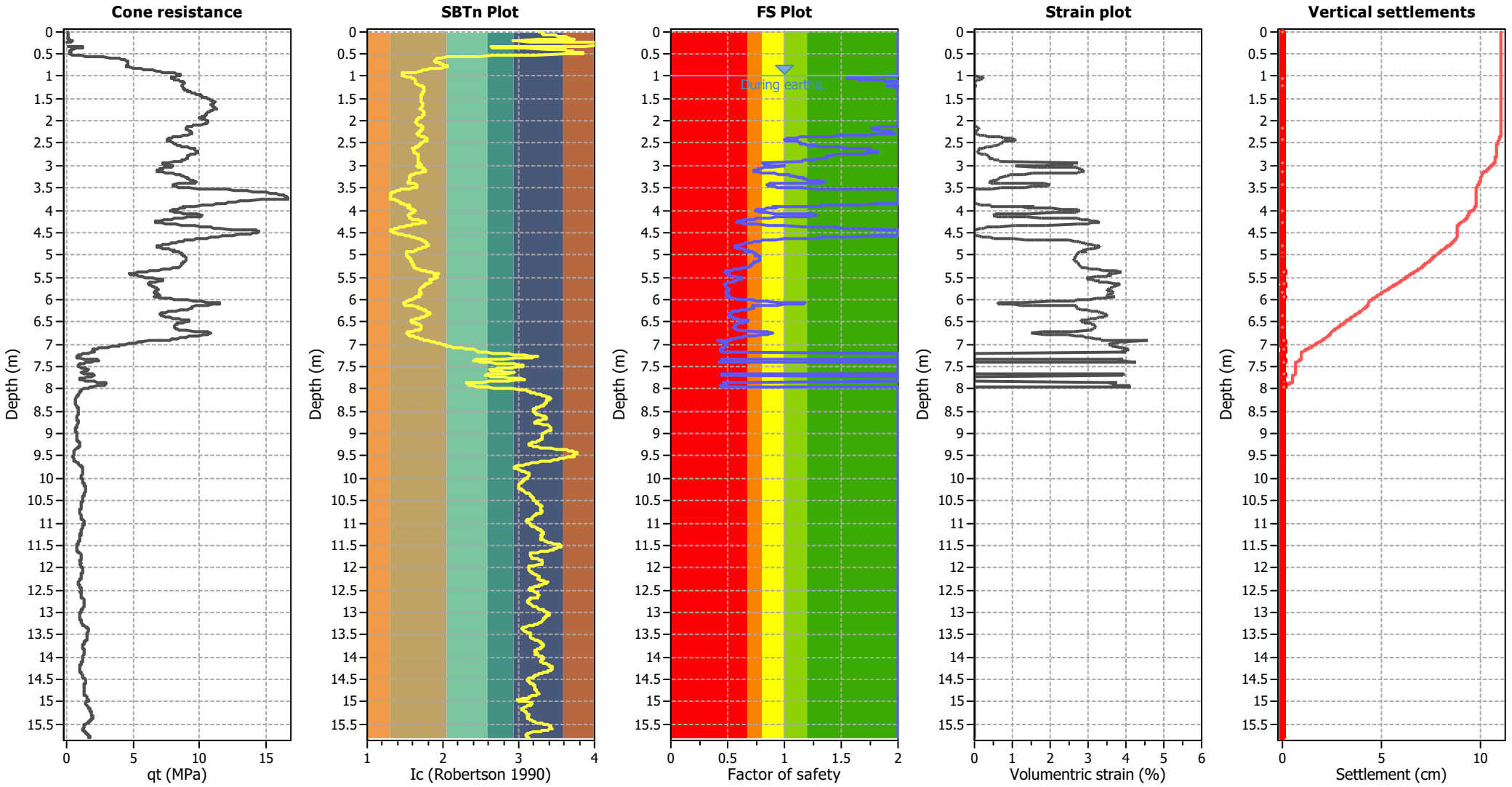
Overall liquefaction potential: 8.75

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	142.27	2.00	0.00	1.00	0.00	1.01	134.56	1.67	0.16	1.00	0.00
1.02	132.04	1.57	0.21	1.00	0.00	1.03	131.87	1.56	0.22	1.00	0.00
1.04	131.87	1.55	0.23	1.00	0.00	1.05	133.89	1.61	0.19	1.00	0.00
1.06	134.72	1.63	0.18	1.00	0.00	1.07	135.90	1.66	0.16	1.00	0.00
1.08	138.08	1.73	0.12	1.00	0.00	1.09	139.09	1.76	0.11	1.00	0.00
1.10	141.94	1.87	0.05	1.00	0.00	1.11	142.78	1.90	0.04	1.00	0.00
1.12	143.95	1.95	0.02	1.00	0.00	1.13	146.47	2.00	0.00	1.00	0.00
1.14	147.48	2.00	0.00	1.00	0.00	1.15	148.15	2.00	0.00	1.00	0.00
1.16	147.81	2.00	0.00	1.00	0.00	1.17	145.97	2.00	0.00	1.00	0.00
1.18	146.47	2.00	0.00	1.00	0.00	1.19	146.13	1.99	0.00	1.00	0.00
1.20	145.13	1.93	0.03	1.00	0.00	1.21	145.29	1.93	0.03	1.00	0.00
1.22	144.79	1.90	0.04	1.00	0.00	1.23	145.97	1.95	0.02	1.00	0.00
1.24	146.30	1.96	0.02	1.00	0.00	1.25	146.97	1.99	0.01	1.00	0.00
1.26	146.81	1.97	0.01	1.00	0.00	1.27	147.31	1.99	0.00	1.00	0.00
1.28	147.65	2.00	0.00	1.00	0.00	1.29	147.82	2.00	0.00	1.00	0.00
1.30	149.67	2.00	0.00	1.00	0.00	1.31	150.16	2.00	0.00	1.00	0.00
1.32	151.17	2.00	0.00	1.00	0.00	1.33	153.01	2.00	0.00	1.00	0.00
1.34	154.02	2.00	0.00	1.00	0.00	1.35	156.20	2.00	0.00	1.00	0.00
1.36	156.54	2.00	0.00	1.00	0.00	1.37	157.88	2.00	0.00	1.00	0.00
1.38	159.22	2.00	0.00	1.00	0.00	1.39	160.39	2.00	0.00	1.00	0.00
1.40	162.41	2.00	0.00	1.00	0.00	1.41	168.28	2.00	0.00	1.00	0.00
1.42	168.62	2.00	0.00	1.00	0.00	1.43	169.96	2.00	0.00	1.00	0.00
1.44	170.13	2.00	0.00	1.00	0.00	1.45	170.46	2.00	0.00	1.00	0.00
1.46	170.46	2.00	0.00	1.00	0.00	1.47	172.64	2.00	0.00	1.00	0.00
1.48	173.48	2.00	0.00	1.00	0.00	1.49	174.66	2.00	0.00	1.00	0.00
1.50	177.68	2.00	0.00	1.00	0.00	1.51	179.19	2.00	0.00	1.00	0.00
1.52	180.53	2.00	0.00	1.00	0.00	1.53	182.37	2.00	0.00	1.00	0.00
1.54	183.04	2.00	0.00	1.00	0.00	1.55	183.88	2.00	0.00	1.00	0.00
1.56	185.39	2.00	0.00	1.00	0.00	1.57	186.40	2.00	0.00	1.00	0.00
1.58	187.24	2.00	0.00	1.00	0.00	1.59	185.39	2.00	0.00	1.00	0.00
1.60	184.22	2.00	0.00	1.00	0.00	1.61	183.55	2.00	0.00	1.00	0.00
1.62	183.21	2.00	0.00	1.00	0.00	1.63	182.54	2.00	0.00	1.00	0.00
1.64	182.04	2.00	0.00	1.00	0.00	1.65	182.37	2.00	0.00	1.00	0.00
1.66	183.72	2.00	0.00	1.00	0.00	1.67	183.71	2.00	0.00	1.00	0.00
1.68	184.18	2.00	0.00	1.00	0.00	1.69	184.91	2.00	0.00	1.00	0.00
1.70	185.37	2.00	0.00	1.00	0.00	1.71	185.84	2.00	0.00	1.00	0.00
1.72	186.94	2.00	0.00	1.00	0.00	1.73	186.90	2.00	0.00	1.00	0.00
1.74	185.98	2.00	0.00	1.00	0.00	1.75	183.40	2.00	0.00	1.00	0.00
1.76	182.47	2.00	0.00	1.00	0.00	1.77	181.17	2.00	0.00	1.00	0.00
1.78	181.00	2.00	0.00	1.00	0.00	1.79	177.52	2.00	0.00	1.00	0.00
1.80	177.23	2.00	0.00	1.00	0.00	1.81	176.30	2.00	0.00	1.00	0.00
1.82	175.89	2.00	0.00	1.00	0.00	1.83	175.47	2.00	0.00	1.00	0.00
1.84	174.93	2.00	0.00	1.00	0.00	1.85	174.38	2.00	0.00	1.00	0.00
1.86	174.22	2.00	0.00	1.00	0.00	1.87	173.43	2.00	0.00	1.00	0.00
1.88	173.01	2.00	0.00	1.00	0.00	1.89	172.86	2.00	0.00	1.00	0.00
1.90	172.70	2.00	0.00	1.00	0.00	1.91	172.55	2.00	0.00	1.00	0.00
1.92	163.41	2.00	0.00	1.00	0.00	1.93	166.46	2.00	0.00	1.00	0.00
1.94	167.99	2.00	0.00	1.00	0.00	1.95	168.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	170.77	2.00	0.00	1.00	0.00	1.97	171.51	2.00	0.00	1.00	0.00
1.98	172.64	2.00	0.00	1.00	0.00	1.99	173.00	2.00	0.00	1.00	0.00
2.00	173.35	2.00	0.00	1.00	0.00	2.01	174.09	2.00	0.00	1.00	0.00
2.02	173.69	2.00	0.00	1.00	0.00	2.03	173.28	2.00	0.00	1.00	0.00
2.04	172.75	2.00	0.00	1.00	0.00	2.05	172.10	2.00	0.00	1.00	0.00
2.06	170.94	2.00	0.00	1.00	0.00	2.07	169.39	2.00	0.00	1.00	0.00
2.08	168.23	2.00	0.00	1.00	0.00	2.09	159.61	2.00	0.00	1.00	0.00
2.10	158.31	2.00	0.00	1.00	0.00	2.11	155.96	2.00	0.00	1.00	0.00
2.12	154.65	2.00	0.00	1.00	0.00	2.13	153.60	1.94	0.03	1.00	0.00
2.14	151.84	1.84	0.07	1.00	0.00	2.15	151.17	1.80	0.09	1.00	0.00
2.16	150.66	1.77	0.10	1.00	0.00	2.17	150.57	1.77	0.10	1.00	0.00
2.18	150.83	1.78	0.10	1.00	0.00	2.19	151.34	1.80	0.09	1.00	0.00
2.20	152.12	1.84	0.07	1.00	0.00	2.21	152.64	1.86	0.06	1.00	0.00
2.22	152.89	1.87	0.05	1.00	0.00	2.23	153.66	1.91	0.04	1.00	0.00
2.24	154.04	1.93	0.03	1.00	0.00	2.25	154.17	1.94	0.03	1.00	0.00
2.26	154.16	1.93	0.03	1.00	0.00	2.27	154.54	1.95	0.02	1.00	0.00
2.28	154.93	1.97	0.01	1.00	0.00	2.29	154.15	1.93	0.03	1.00	0.00
2.30	152.21	1.82	0.08	1.00	0.00	2.31	150.66	1.74	0.12	1.00	0.00
2.32	148.97	1.66	0.17	1.00	0.00	2.33	145.19	1.50	0.27	1.00	0.00
2.34	142.83	1.41	0.35	1.00	0.00	2.35	140.34	1.33	0.43	1.00	0.00
2.36	135.90	1.20	0.60	1.00	0.01	2.37	133.55	1.15	0.70	1.00	0.01
2.38	131.73	1.10	0.79	1.00	0.01	2.39	128.96	1.04	0.94	1.00	0.01
2.40	128.16	1.03	1.00	1.00	0.01	2.41	127.34	1.01	1.06	1.00	0.01
2.42	127.12	1.01	1.07	1.00	0.01	2.43	127.25	1.01	1.07	1.00	0.01
2.44	127.44	1.01	1.06	1.00	0.01	2.45	127.55	1.01	1.06	1.00	0.01
2.46	132.54	1.11	0.77	1.00	0.01	2.47	133.19	1.12	0.74	1.00	0.01
2.48	133.33	1.13	0.73	1.00	0.01	2.49	133.75	1.13	0.72	1.00	0.01
2.50	133.89	1.14	0.71	1.00	0.01	2.51	134.30	1.15	0.70	1.00	0.01
2.52	135.24	1.17	0.66	1.00	0.01	2.53	135.78	1.18	0.64	1.00	0.01
2.54	136.72	1.20	0.60	1.00	0.01	2.55	138.43	1.25	0.53	1.00	0.01
2.56	139.36	1.27	0.50	1.00	0.00	2.57	140.67	1.31	0.45	1.00	0.00
2.58	143.83	1.41	0.35	1.00	0.00	2.59	145.56	1.47	0.30	1.00	0.00
2.60	147.52	1.55	0.24	1.00	0.00	2.61	150.68	1.68	0.15	1.00	0.00
2.62	151.64	1.73	0.13	1.00	0.00	2.63	152.24	1.76	0.11	1.00	0.00
2.64	152.23	1.75	0.11	1.00	0.00	2.65	151.73	1.73	0.13	1.00	0.00
2.66	152.08	1.74	0.12	1.00	0.00	2.67	152.43	1.76	0.11	1.00	0.00
2.68	153.38	1.81	0.09	1.00	0.00	2.69	153.61	1.82	0.08	1.00	0.00
2.70	153.72	1.82	0.08	1.00	0.00	2.71	153.23	1.79	0.09	1.00	0.00
2.72	152.25	1.74	0.12	1.00	0.00	2.73	151.03	1.68	0.15	1.00	0.00
2.74	147.99	1.55	0.24	1.00	0.00	2.75	146.89	1.50	0.27	1.00	0.00
2.76	145.79	1.46	0.31	1.00	0.00	2.77	144.56	1.41	0.35	1.00	0.00
2.78	144.06	1.39	0.36	1.00	0.00	2.79	143.69	1.38	0.38	1.00	0.00
2.80	143.56	1.37	0.38	1.00	0.00	2.81	143.31	1.37	0.39	1.00	0.00
2.82	143.43	1.37	0.39	1.00	0.00	2.83	143.43	1.37	0.39	1.00	0.00
2.84	143.18	1.36	0.40	1.00	0.00	2.85	140.61	1.28	0.49	1.00	0.00
2.86	140.11	1.26	0.51	1.00	0.01	2.87	139.75	1.25	0.53	1.00	0.01
2.88	137.90	1.20	0.60	1.00	0.01	2.89	136.54	1.16	0.66	1.00	0.01
2.90	136.42	1.16	0.67	1.00	0.01	2.91	136.30	1.15	0.68	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	136.18	1.15	0.68	1.00	0.01	2.93	117.38	0.81	2.72	1.00	0.03
2.94	119.41	0.84	2.31	1.00	0.02	2.95	118.52	0.83	2.54	1.00	0.03
2.96	118.28	0.82	2.61	1.00	0.03	2.97	118.45	0.82	2.58	1.00	0.03
2.98	120.25	0.85	2.16	1.00	0.02	2.99	121.94	0.87	1.86	1.00	0.02
3.00	124.00	0.90	1.58	1.00	0.02	3.01	129.07	0.99	1.11	1.00	0.01
3.02	129.46	1.00	1.09	1.00	0.01	3.03	123.42	0.89	1.67	1.00	0.02
3.04	121.66	0.86	1.94	1.00	0.02	3.05	118.22	0.82	2.70	1.00	0.03
3.06	116.95	0.80	2.73	1.00	0.03	3.07	115.81	0.79	2.76	1.00	0.03
3.08	114.05	0.76	2.80	1.00	0.03	3.09	113.04	0.75	2.83	1.00	0.03
3.10	112.19	0.74	2.85	1.00	0.03	3.11	111.32	0.73	2.88	1.00	0.03
3.12	111.22	0.73	2.88	1.00	0.03	3.13	111.28	0.73	2.88	1.00	0.03
3.14	113.54	0.76	2.82	1.00	0.03	3.15	115.13	0.77	2.77	1.00	0.03
3.16	117.47	0.80	2.72	1.00	0.03	3.17	122.58	0.87	1.85	1.00	0.02
3.18	125.00	0.91	1.53	1.00	0.02	3.19	127.40	0.95	1.29	1.00	0.01
3.20	131.15	1.02	1.01	1.00	0.01	3.21	132.53	1.04	0.92	1.00	0.01
3.22	132.92	1.05	0.90	1.00	0.01	3.23	133.31	1.06	0.88	1.00	0.01
3.24	134.19	1.08	0.83	1.00	0.01	3.25	136.65	1.13	0.71	1.00	0.01
3.26	137.40	1.15	0.68	1.00	0.01	3.27	137.90	1.16	0.66	1.00	0.01
3.28	138.04	1.17	0.65	1.00	0.01	3.29	138.18	1.17	0.65	1.00	0.01
3.30	138.44	1.18	0.63	1.00	0.01	3.31	139.06	1.19	0.61	1.00	0.01
3.32	139.44	1.20	0.59	1.00	0.01	3.33	140.30	1.22	0.56	1.00	0.01
3.34	142.59	1.29	0.47	1.00	0.00	3.35	143.80	1.33	0.43	1.00	0.00
3.36	144.65	1.36	0.40	1.00	0.00	3.37	144.66	1.36	0.40	1.00	0.00
3.38	143.61	1.32	0.44	1.00	0.00	3.39	141.84	1.27	0.50	1.00	0.01
3.40	137.53	1.15	0.69	1.00	0.01	3.41	123.22	0.87	1.85	1.00	0.02
3.42	122.50	0.86	1.98	1.00	0.02	3.43	122.28	0.85	2.02	1.00	0.02
3.44	122.68	0.86	1.95	1.00	0.02	3.45	122.96	0.86	1.91	1.00	0.02
3.46	123.48	0.87	1.83	1.00	0.02	3.47	125.86	0.90	1.52	1.00	0.02
3.48	127.73	0.94	1.33	1.00	0.01	3.49	130.08	0.98	1.14	1.00	0.01
3.50	137.60	1.14	0.69	1.00	0.01	3.51	143.11	1.30	0.47	1.00	0.00
3.52	155.88	1.83	0.07	1.00	0.00	3.53	162.20	2.00	0.00	1.00	0.00
3.54	167.65	2.00	0.00	1.00	0.00	3.55	177.06	2.00	0.00	1.00	0.00
3.56	180.97	2.00	0.00	1.00	0.00	3.57	187.83	2.00	0.00	1.00	0.00
3.58	191.66	2.00	0.00	1.00	0.00	3.59	195.04	2.00	0.00	1.00	0.00
3.60	204.43	2.00	0.00	1.00	0.00	3.61	206.03	2.00	0.00	1.00	0.00
3.62	206.76	2.00	0.00	1.00	0.00	3.63	207.61	2.00	0.00	1.00	0.00
3.64	210.26	2.00	0.00	1.00	0.00	3.65	211.73	2.00	0.00	1.00	0.00
3.66	214.26	2.00	0.00	1.00	0.00	3.67	214.87	2.00	0.00	1.00	0.00
3.68	215.39	2.00	0.00	1.00	0.00	3.69	216.42	2.00	0.00	1.00	0.00
3.70	216.93	2.00	0.00	1.00	0.00	3.71	217.65	2.00	0.00	1.00	0.00
3.72	217.96	2.00	0.00	1.00	0.00	3.73	217.84	2.00	0.00	1.00	0.00
3.74	217.10	2.00	0.00	1.00	0.00	3.75	216.46	2.00	0.00	1.00	0.00
3.76	212.88	2.00	0.00	1.00	0.00	3.77	189.82	2.00	0.00	1.00	0.00
3.78	185.99	2.00	0.00	1.00	0.00	3.79	182.25	2.00	0.00	1.00	0.00
3.80	176.15	2.00	0.00	1.00	0.00	3.81	174.06	2.00	0.00	1.00	0.00
3.82	171.85	2.00	0.00	1.00	0.00	3.83	166.95	2.00	0.00	1.00	0.00
3.84	164.82	2.00	0.00	1.00	0.00	3.85	161.91	2.00	0.00	1.00	0.00
3.86	156.02	1.82	0.08	1.00	0.00	3.87	152.94	1.66	0.17	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	149.97	1.52	0.26	1.00	0.00	3.89	144.66	1.33	0.43	1.00	0.00
3.90	144.56	1.32	0.44	1.00	0.00	3.91	144.46	1.32	0.44	1.00	0.00
3.92	126.38	0.90	1.56	1.00	0.02	3.93	129.18	0.94	1.28	1.00	0.01
3.94	128.13	0.92	1.38	1.00	0.01	3.95	126.49	0.90	1.56	1.00	0.02
3.96	123.26	0.85	2.02	1.00	0.02	3.97	121.84	0.83	2.31	1.00	0.02
3.98	119.69	0.80	2.66	1.00	0.03	3.99	116.86	0.76	2.73	1.00	0.03
4.00	115.78	0.75	2.76	1.00	0.03	4.01	114.95	0.74	2.78	1.00	0.03
4.02	115.73	0.75	2.76	1.00	0.03	4.03	116.39	0.75	2.74	1.00	0.03
4.04	118.65	0.78	2.69	1.00	0.03	4.05	120.32	0.80	2.65	1.00	0.03
4.06	122.90	0.84	2.12	1.00	0.02	4.07	127.49	0.91	1.47	1.00	0.01
4.08	127.40	0.91	1.48	1.00	0.01	4.09	142.26	1.24	0.54	1.00	0.01
4.10	142.98	1.26	0.51	1.00	0.01	4.11	143.69	1.28	0.48	1.00	0.00
4.12	142.90	1.26	0.51	1.00	0.01	4.13	141.77	1.22	0.56	1.00	0.01
4.14	137.84	1.12	0.74	1.00	0.01	4.15	135.06	1.05	0.89	1.00	0.01
4.16	128.36	0.92	1.39	1.00	0.01	4.17	125.06	0.87	1.79	1.00	0.02
4.18	122.35	0.83	2.27	1.00	0.02	4.19	116.99	0.76	2.73	1.00	0.03
4.20	114.33	0.73	2.80	1.00	0.03	4.21	111.53	0.70	2.87	1.00	0.03
4.22	106.36	0.65	3.02	1.00	0.03	4.23	104.15	0.63	3.08	1.00	0.03
4.24	100.50	0.60	3.20	1.00	0.03	4.25	98.97	0.59	3.25	1.00	0.03
4.26	97.56	0.58	3.29	1.00	0.03	4.27	99.19	0.59	3.24	1.00	0.03
4.28	102.14	0.61	3.14	1.00	0.03	4.29	104.06	0.62	3.08	1.00	0.03
4.30	106.73	0.65	3.00	1.00	0.03	4.31	113.19	0.71	2.83	1.00	0.03
4.32	116.90	0.75	2.73	1.00	0.03	4.33	124.58	0.85	1.90	1.00	0.02
4.34	128.40	0.92	1.41	1.00	0.01	4.35	132.31	0.99	1.08	1.00	0.01
4.36	140.12	1.17	0.64	1.00	0.01	4.37	143.15	1.26	0.52	1.00	0.01
4.38	148.43	1.44	0.33	1.00	0.00	4.39	150.05	1.50	0.27	1.00	0.00
4.40	150.87	1.53	0.25	1.00	0.00	4.41	152.48	1.60	0.20	1.00	0.00
4.42	153.64	1.66	0.17	1.00	0.00	4.43	158.37	1.92	0.03	1.00	0.00
4.44	182.63	2.00	0.00	1.00	0.00	4.45	184.69	2.00	0.00	1.00	0.00
4.46	185.89	2.00	0.00	1.00	0.00	4.47	186.98	2.00	0.00	1.00	0.00
4.48	186.78	2.00	0.00	1.00	0.00	4.49	185.18	2.00	0.00	1.00	0.00
4.50	183.80	2.00	0.00	1.00	0.00	4.51	182.20	2.00	0.00	1.00	0.00
4.52	178.32	2.00	0.00	1.00	0.00	4.53	176.28	2.00	0.00	1.00	0.00
4.54	173.68	2.00	0.00	1.00	0.00	4.55	168.23	2.00	0.00	1.00	0.00
4.56	164.83	2.00	0.00	1.00	0.00	4.57	158.87	1.94	0.02	1.00	0.00
4.58	156.10	1.78	0.10	1.00	0.00	4.59	153.21	1.63	0.18	1.00	0.00
4.60	148.40	1.43	0.33	1.00	0.00	4.61	145.93	1.34	0.42	1.00	0.00
4.62	143.68	1.26	0.50	1.00	0.01	4.63	134.67	1.03	0.94	1.00	0.01
4.64	133.08	1.00	1.05	1.00	0.01	4.65	129.28	0.92	1.36	1.00	0.01
4.66	127.45	0.89	1.56	1.00	0.02	4.67	125.37	0.86	1.85	1.00	0.02
4.68	122.16	0.81	2.50	1.00	0.02	4.69	120.65	0.79	2.64	1.00	0.03
4.70	118.78	0.76	2.68	1.00	0.03	4.71	116.08	0.73	2.75	1.00	0.03
4.72	114.47	0.71	2.79	1.00	0.03	4.73	113.01	0.70	2.83	1.00	0.03
4.74	109.45	0.66	2.93	1.00	0.03	4.75	108.02	0.65	2.97	1.00	0.03
4.76	106.36	0.63	3.02	1.00	0.03	4.77	103.19	0.61	3.11	1.00	0.03
4.78	102.12	0.60	3.14	1.00	0.03	4.79	101.12	0.59	3.18	1.00	0.03
4.80	99.07	0.57	3.24	1.00	0.03	4.81	97.11	0.56	3.31	1.00	0.03
4.82	97.27	0.56	3.30	1.00	0.03	4.83	97.77	0.56	3.29	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	98.65	0.57	3.26	1.00	0.03	4.85	101.42	0.59	3.17	1.00	0.03
4.86	103.49	0.61	3.10	1.00	0.03	4.87	105.59	0.62	3.04	1.00	0.03
4.88	110.33	0.66	2.90	1.00	0.03	4.89	112.16	0.68	2.85	1.00	0.03
4.90	112.09	0.68	2.85	1.00	0.03	4.91	112.02	0.68	2.86	1.00	0.03
4.92	108.61	0.65	2.95	1.00	0.03	4.93	114.26	0.70	2.80	1.00	0.03
4.94	115.61	0.72	2.76	1.00	0.03	4.95	116.49	0.73	2.74	1.00	0.03
4.96	117.24	0.74	2.72	1.00	0.03	4.97	117.65	0.74	2.71	1.00	0.03
4.98	118.40	0.75	2.69	1.00	0.03	4.99	118.68	0.75	2.69	1.00	0.03
5.00	118.50	0.75	2.69	1.00	0.03	5.01	117.84	0.74	2.71	1.00	0.03
5.02	118.12	0.75	2.70	1.00	0.03	5.03	118.29	0.75	2.70	1.00	0.03
5.04	120.56	0.78	2.64	1.00	0.03	5.05	120.72	0.78	2.64	1.00	0.03
5.06	120.65	0.78	2.64	1.00	0.03	5.07	120.81	0.78	2.64	1.00	0.03
5.08	120.85	0.78	2.64	1.00	0.03	5.09	121.13	0.78	2.63	1.00	0.03
5.10	121.17	0.78	2.63	1.00	0.03	5.11	120.98	0.78	2.63	1.00	0.03
5.12	120.32	0.77	2.65	1.00	0.03	5.13	120.01	0.77	2.65	1.00	0.03
5.14	119.59	0.76	2.66	1.00	0.03	5.15	118.59	0.75	2.69	1.00	0.03
5.16	118.05	0.74	2.70	1.00	0.03	5.17	117.51	0.73	2.72	1.00	0.03
5.18	117.20	0.73	2.72	1.00	0.03	5.19	116.90	0.73	2.73	1.00	0.03
5.20	116.59	0.72	2.74	1.00	0.03	5.21	116.05	0.72	2.75	1.00	0.03
5.22	115.98	0.72	2.75	1.00	0.03	5.23	115.21	0.71	2.77	1.00	0.03
5.24	114.90	0.70	2.78	1.00	0.03	5.25	114.60	0.70	2.79	1.00	0.03
5.26	113.83	0.69	2.81	1.00	0.03	5.27	113.29	0.68	2.82	1.00	0.03
5.28	112.64	0.68	2.84	1.00	0.03	5.29	109.87	0.65	2.92	1.00	0.03
5.30	107.80	0.63	2.97	1.00	0.03	5.31	105.49	0.61	3.04	1.00	0.03
5.32	100.18	0.57	3.21	1.00	0.03	5.33	97.78	0.55	3.29	1.00	0.03
5.34	95.17	0.54	3.38	1.00	0.03	5.35	89.44	0.50	3.60	1.00	0.04
5.36	86.49	0.49	3.72	1.00	0.04	5.37	83.87	0.48	3.83	1.00	0.04
5.38	83.70	0.47	3.84	1.00	0.04	5.39	82.98	0.47	3.87	1.00	0.04
5.40	86.63	0.49	3.71	1.00	0.04	5.41	90.56	0.51	3.55	1.00	0.04
5.42	89.37	0.50	3.60	1.00	0.04	5.43	91.04	0.51	3.53	1.00	0.04
5.44	91.09	0.51	3.53	1.00	0.04	5.45	89.22	0.50	3.60	1.00	0.04
5.46	89.33	0.50	3.60	1.00	0.04	5.47	92.88	0.52	3.46	1.00	0.03
5.48	95.96	0.54	3.35	1.00	0.03	5.49	99.69	0.57	3.22	1.00	0.03
5.50	105.23	0.61	3.05	1.00	0.03	5.51	107.84	0.63	2.97	1.00	0.03
5.52	106.42	0.62	3.01	1.00	0.03	5.53	107.79	0.63	2.97	1.00	0.03
5.54	104.91	0.60	3.06	1.00	0.03	5.55	104.32	0.60	3.08	1.00	0.03
5.56	103.58	0.59	3.10	1.00	0.03	5.57	102.08	0.58	3.15	1.00	0.03
5.58	100.22	0.57	3.21	1.00	0.03	5.59	96.95	0.55	3.32	1.00	0.03
5.60	98.46	0.56	3.26	1.00	0.03	5.61	91.78	0.51	3.50	1.00	0.04
5.62	91.51	0.51	3.51	1.00	0.04	5.63	86.82	0.49	3.70	1.00	0.04
5.64	84.44	0.48	3.80	1.00	0.04	5.65	83.81	0.47	3.83	1.00	0.04
5.66	84.02	0.47	3.82	1.00	0.04	5.67	84.64	0.48	3.80	1.00	0.04
5.68	85.11	0.48	3.77	1.00	0.04	5.69	85.37	0.48	3.76	1.00	0.04
5.70	87.00	0.49	3.69	1.00	0.04	5.71	87.54	0.49	3.67	1.00	0.04
5.72	88.08	0.49	3.65	1.00	0.04	5.73	89.22	0.50	3.60	1.00	0.04
5.74	89.76	0.50	3.58	1.00	0.04	5.75	90.30	0.50	3.56	1.00	0.04
5.76	91.19	0.51	3.53	1.00	0.04	5.77	91.73	0.51	3.51	1.00	0.04
5.78	91.55	0.51	3.51	1.00	0.04	5.79	91.62	0.51	3.51	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	89.31	0.50	3.60	1.00	0.04	5.81	88.66	0.49	3.63	1.00	0.04
5.82	88.25	0.49	3.64	1.00	0.04	5.83	88.08	0.49	3.65	1.00	0.04
5.84	87.91	0.49	3.66	1.00	0.04	5.85	87.85	0.49	3.66	1.00	0.04
5.86	88.04	0.49	3.65	1.00	0.04	5.87	89.41	0.50	3.60	1.00	0.04
5.88	90.53	0.50	3.55	1.00	0.04	5.89	91.89	0.51	3.50	1.00	0.03
5.90	91.84	0.51	3.50	1.00	0.04	5.91	91.78	0.51	3.50	1.00	0.04
5.92	91.73	0.51	3.51	1.00	0.04	5.93	86.84	0.48	3.70	1.00	0.04
5.94	86.79	0.48	3.70	1.00	0.04	5.95	86.74	0.48	3.71	1.00	0.04
5.96	94.92	0.53	3.39	1.00	0.03	5.97	96.77	0.54	3.32	1.00	0.03
5.98	98.89	0.55	3.25	1.00	0.03	5.99	105.06	0.60	3.05	1.00	0.03
6.00	108.33	0.63	2.96	1.00	0.03	6.01	117.71	0.72	2.71	1.00	0.03
6.02	120.35	0.75	2.65	1.00	0.03	6.03	123.20	0.79	2.58	1.00	0.03
6.04	126.05	0.83	2.03	1.00	0.02	6.05	132.54	0.94	1.23	1.00	0.01
6.06	135.80	1.01	0.98	1.00	0.01	6.07	141.32	1.15	0.67	1.00	0.01
6.08	142.34	1.18	0.62	1.00	0.01	6.09	142.16	1.17	0.63	1.00	0.01
6.10	140.67	1.13	0.70	1.00	0.01	6.11	135.12	1.00	1.03	1.00	0.01
6.12	132.49	0.94	1.24	1.00	0.01	6.13	129.66	0.89	1.52	1.00	0.02
6.14	118.20	0.72	2.70	1.00	0.03	6.15	117.80	0.72	2.71	1.00	0.03
6.16	117.84	0.72	2.71	1.00	0.03	6.17	118.22	0.72	2.70	1.00	0.03
6.18	118.60	0.73	2.69	1.00	0.03	6.19	118.64	0.73	2.69	1.00	0.03
6.20	118.01	0.72	2.70	1.00	0.03	6.21	116.26	0.70	2.75	1.00	0.03
6.22	114.39	0.68	2.79	1.00	0.03	6.23	111.84	0.66	2.86	1.00	0.03
6.24	107.03	0.61	3.00	1.00	0.03	6.25	104.21	0.59	3.08	1.00	0.03
6.26	101.98	0.57	3.15	1.00	0.03	6.27	97.87	0.54	3.28	1.00	0.03
6.28	96.99	0.54	3.31	1.00	0.03	6.29	95.44	0.53	3.37	1.00	0.03
6.30	94.98	0.53	3.39	1.00	0.03	6.31	93.98	0.52	3.42	1.00	0.03
6.32	92.90	0.51	3.46	1.00	0.03	6.33	92.97	0.51	3.46	1.00	0.03
6.34	92.06	0.51	3.49	1.00	0.03	6.35	92.00	0.51	3.50	1.00	0.03
6.36	91.93	0.51	3.50	1.00	0.03	6.37	92.71	0.51	3.47	1.00	0.03
6.38	93.84	0.52	3.43	1.00	0.03	6.39	97.13	0.54	3.31	1.00	0.03
6.40	98.54	0.55	3.26	1.00	0.03	6.41	99.83	0.56	3.22	1.00	0.03
6.42	103.41	0.58	3.10	1.00	0.03	6.43	105.17	0.60	3.05	1.00	0.03
6.44	107.25	0.61	2.99	1.00	0.03	6.45	111.46	0.65	2.87	1.00	0.03
6.46	113.08	0.66	2.83	1.00	0.03	6.47	114.36	0.68	2.79	1.00	0.03
6.48	114.30	0.68	2.80	1.00	0.03	6.49	113.01	0.66	2.83	1.00	0.03
6.50	111.83	0.65	2.86	1.00	0.03	6.51	110.65	0.64	2.89	1.00	0.03
6.52	104.19	0.59	3.08	1.00	0.03	6.53	104.25	0.59	3.08	1.00	0.03
6.54	103.96	0.59	3.09	1.00	0.03	6.55	102.85	0.58	3.12	1.00	0.03
6.56	102.23	0.57	3.14	1.00	0.03	6.57	101.84	0.57	3.15	1.00	0.03
6.58	101.56	0.57	3.16	1.00	0.03	6.59	101.06	0.56	3.18	1.00	0.03
6.60	101.11	0.56	3.18	1.00	0.03	6.61	100.27	0.56	3.20	1.00	0.03
6.62	100.10	0.56	3.21	1.00	0.03	6.63	100.38	0.56	3.20	1.00	0.03
6.64	101.99	0.57	3.15	1.00	0.03	6.65	102.71	0.58	3.13	1.00	0.03
6.66	103.60	0.58	3.10	1.00	0.03	6.67	104.10	0.59	3.08	1.00	0.03
6.68	104.15	0.59	3.08	1.00	0.03	6.69	104.65	0.59	3.07	1.00	0.03
6.70	105.49	0.60	3.04	1.00	0.03	6.71	121.49	0.76	2.62	1.00	0.03
6.72	125.04	0.81	2.32	1.00	0.02	6.73	127.82	0.85	1.81	1.00	0.02
6.74	130.37	0.89	1.49	1.00	0.01	6.75	130.41	0.89	1.48	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	130.02	0.89	1.53	1.00	0.02	6.77	127.67	0.85	1.84	1.00	0.02
6.78	126.08	0.82	2.11	1.00	0.02	6.79	124.49	0.80	2.45	1.00	0.02
6.80	120.38	0.74	2.65	1.00	0.03	6.81	117.91	0.71	2.71	1.00	0.03
6.82	115.43	0.69	2.77	1.00	0.03	6.83	111.51	0.65	2.87	1.00	0.03
6.84	109.45	0.63	2.93	1.00	0.03	6.85	107.40	0.61	2.99	1.00	0.03
6.86	105.34	0.59	3.05	1.00	0.03	6.87	100.92	0.56	3.18	1.00	0.03
6.88	98.21	0.54	3.27	1.00	0.03	6.89	95.71	0.53	3.36	1.00	0.03
6.90	95.66	0.53	3.36	1.00	0.03	6.91	95.96	0.53	3.35	1.00	0.03
6.92	69.53	0.40	4.58	1.00	0.05	6.93	81.58	0.45	3.93	1.00	0.04
6.94	79.58	0.44	4.03	1.00	0.04	6.95	82.30	0.46	3.90	1.00	0.04
6.96	83.67	0.46	3.84	1.00	0.04	6.97	86.60	0.48	3.71	1.00	0.04
6.98	88.89	0.49	3.62	1.00	0.04	6.99	88.81	0.49	3.62	1.00	0.04
7.00	91.03	0.50	3.53	1.00	0.04	7.01	88.39	0.49	3.64	1.00	0.04
7.02	89.23	0.49	3.60	1.00	0.04	7.03	88.69	0.49	3.63	1.00	0.04
7.04	88.26	0.48	3.64	1.00	0.04	7.05	88.35	0.49	3.64	1.00	0.04
7.06	82.28	0.46	3.90	1.00	0.04	7.07	82.92	0.46	3.87	1.00	0.04
7.08	82.51	0.46	3.89	1.00	0.04	7.09	82.15	0.46	3.91	1.00	0.04
7.10	79.58	0.44	4.03	1.00	0.04	7.11	79.04	0.44	4.06	1.00	0.04
7.12	78.60	0.44	4.08	1.00	0.04	7.13	79.19	0.44	4.05	1.00	0.04
7.14	80.61	0.45	3.98	1.00	0.04	7.15	81.66	0.45	3.93	1.00	0.04
7.16	82.62	0.46	3.89	1.00	0.04	7.17	81.16	0.45	3.95	1.00	0.04
7.18	80.22	0.45	4.00	1.00	0.04	7.19	21.00	2.00	0.00	1.00	0.00
7.20	17.86	2.00	0.00	1.00	0.00	7.21	16.51	2.00	0.00	1.00	0.00
7.22	15.05	2.00	0.00	1.00	0.00	7.23	13.70	2.00	0.00	1.00	0.00
7.24	11.99	2.00	0.00	1.00	0.00	7.25	11.99	2.00	0.00	1.00	0.00
7.26	8.08	2.00	0.00	1.00	0.00	7.27	8.44	2.00	0.00	1.00	0.00
7.28	8.68	2.00	0.00	1.00	0.00	7.29	9.28	2.00	0.00	1.00	0.00
7.30	9.64	2.00	0.00	1.00	0.00	7.31	11.46	2.00	0.00	1.00	0.00
7.32	14.25	2.00	0.00	1.00	0.00	7.33	20.72	2.00	0.00	1.00	0.00
7.34	81.44	0.45	3.94	1.00	0.04	7.35	84.13	0.46	3.82	1.00	0.04
7.36	84.30	0.46	3.81	1.00	0.04	7.37	82.63	0.46	3.89	1.00	0.04
7.38	81.23	0.45	3.95	1.00	0.04	7.39	76.92	0.43	4.16	1.00	0.04
7.40	75.16	0.42	4.25	1.00	0.04	7.41	17.43	2.00	0.00	1.00	0.00
7.42	15.85	2.00	0.00	1.00	0.00	7.43	12.72	2.00	0.00	1.00	0.00
7.44	11.62	2.00	0.00	1.00	0.00	7.45	9.92	2.00	0.00	1.00	0.00
7.46	10.04	2.00	0.00	1.00	0.00	7.47	9.91	2.00	0.00	1.00	0.00
7.48	9.54	2.00	0.00	1.00	0.00	7.49	9.54	2.00	0.00	1.00	0.00
7.50	9.77	2.00	0.00	1.00	0.00	7.51	10.37	2.00	0.00	1.00	0.00
7.52	11.45	2.00	0.00	1.00	0.00	7.53	14.31	2.00	0.00	1.00	0.00
7.54	15.74	2.00	0.00	1.00	0.00	7.55	17.05	2.00	0.00	1.00	0.00
7.56	18.11	2.00	0.00	1.00	0.00	7.57	18.81	2.00	0.00	1.00	0.00
7.58	18.68	2.00	0.00	1.00	0.00	7.59	17.96	2.00	0.00	1.00	0.00
7.60	16.99	2.00	0.00	1.00	0.00	7.61	15.32	2.00	0.00	1.00	0.00
7.62	14.48	2.00	0.00	1.00	0.00	7.63	13.40	2.00	0.00	1.00	0.00
7.64	12.43	2.00	0.00	1.00	0.00	7.65	12.32	2.00	0.00	1.00	0.00
7.66	21.03	2.00	0.00	1.00	0.00	7.67	81.19	0.45	3.95	1.00	0.04
7.68	81.95	0.45	3.92	1.00	0.04	7.69	82.89	0.46	3.87	1.00	0.04
7.70	82.88	0.46	3.87	1.00	0.04	7.71	22.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	21.08	2.00	0.00	1.00	0.00	7.73	19.66	2.00	0.00	1.00	0.00
7.74	18.13	2.00	0.00	1.00	0.00	7.75	14.95	2.00	0.00	1.00	0.00
7.76	13.17	2.00	0.00	1.00	0.00	7.77	11.98	2.00	0.00	1.00	0.00
7.78	10.68	2.00	0.00	1.00	0.00	7.79	10.43	2.00	0.00	1.00	0.00
7.80	12.90	2.00	0.00	1.00	0.00	7.81	15.60	2.00	0.00	1.00	0.00
7.82	19.10	2.00	0.00	1.00	0.00	7.83	23.16	2.00	0.00	1.00	0.00
7.84	87.23	0.48	3.68	1.00	0.04	7.85	85.18	0.47	3.77	1.00	0.04
7.86	91.33	0.50	3.52	1.00	0.04	7.87	89.43	0.49	3.60	1.00	0.04
7.88	88.86	0.48	3.62	1.00	0.04	7.89	87.08	0.48	3.69	1.00	0.04
7.90	87.33	0.48	3.68	1.00	0.04	7.91	87.35	0.48	3.68	1.00	0.04
7.92	88.18	0.48	3.65	1.00	0.04	7.93	78.14	0.44	4.10	1.00	0.04
7.94	79.15	0.44	4.05	1.00	0.04	7.95	78.17	0.44	4.10	1.00	0.04
7.96	77.98	0.43	4.11	1.00	0.04	7.97	20.24	2.00	0.00	1.00	0.00
7.98	17.91	2.00	0.00	1.00	0.00	7.99	17.88	2.00	0.00	1.00	0.00
8.00	13.81	2.00	0.00	1.00	0.00	8.01	12.40	2.00	0.00	1.00	0.00
8.02	12.16	2.00	0.00	1.00	0.00	8.03	11.92	2.00	0.00	1.00	0.00
8.04	11.45	2.00	0.00	1.00	0.00	8.05	11.21	2.00	0.00	1.00	0.00
8.06	11.20	2.00	0.00	1.00	0.00	8.07	11.08	2.00	0.00	1.00	0.00
8.08	10.95	2.00	0.00	1.00	0.00	8.09	10.72	2.00	0.00	1.00	0.00
8.10	10.59	2.00	0.00	1.00	0.00	8.11	10.35	2.00	0.00	1.00	0.00
8.12	9.88	2.00	0.00	1.00	0.00	8.13	9.64	2.00	0.00	1.00	0.00
8.14	9.41	2.00	0.00	1.00	0.00	8.15	9.17	2.00	0.00	1.00	0.00
8.16	8.70	2.00	0.00	1.00	0.00	8.17	8.69	2.00	0.00	1.00	0.00
8.18	8.57	2.00	0.00	1.00	0.00	8.19	8.10	2.00	0.00	1.00	0.00
8.20	7.98	2.00	0.00	1.00	0.00	8.21	7.86	2.00	0.00	1.00	0.00
8.22	7.85	2.00	0.00	1.00	0.00	8.23	7.85	2.00	0.00	1.00	0.00
8.24	7.84	2.00	0.00	1.00	0.00	8.25	7.96	2.00	0.00	1.00	0.00
8.26	8.07	2.00	0.00	1.00	0.00	8.27	7.83	2.00	0.00	1.00	0.00
8.28	7.71	2.00	0.00	1.00	0.00	8.29	7.59	2.00	0.00	1.00	0.00
8.30	7.70	2.00	0.00	1.00	0.00	8.31	7.70	2.00	0.00	1.00	0.00
8.32	7.69	2.00	0.00	1.00	0.00	8.33	7.69	2.00	0.00	1.00	0.00
8.34	7.80	2.00	0.00	1.00	0.00	8.35	7.80	2.00	0.00	1.00	0.00
8.36	7.91	2.00	0.00	1.00	0.00	8.37	8.02	2.00	0.00	1.00	0.00
8.38	8.13	2.00	0.00	1.00	0.00	8.39	8.35	2.00	0.00	1.00	0.00
8.40	9.04	2.00	0.00	1.00	0.00	8.41	9.15	2.00	0.00	1.00	0.00
8.42	9.26	2.00	0.00	1.00	0.00	8.43	9.37	2.00	0.00	1.00	0.00
8.44	9.59	2.00	0.00	1.00	0.00	8.45	9.70	2.00	0.00	1.00	0.00
8.46	9.81	2.00	0.00	1.00	0.00	8.47	9.80	2.00	0.00	1.00	0.00
8.48	10.03	2.00	0.00	1.00	0.00	8.49	10.02	2.00	0.00	1.00	0.00
8.50	10.01	2.00	0.00	1.00	0.00	8.51	10.01	2.00	0.00	1.00	0.00
8.52	10.00	2.00	0.00	1.00	0.00	8.53	10.00	2.00	0.00	1.00	0.00
8.54	9.99	2.00	0.00	1.00	0.00	8.55	9.99	2.00	0.00	1.00	0.00
8.56	9.98	2.00	0.00	1.00	0.00	8.57	9.86	2.00	0.00	1.00	0.00
8.58	9.74	2.00	0.00	1.00	0.00	8.59	8.83	2.00	0.00	1.00	0.00
8.60	8.82	2.00	0.00	1.00	0.00	8.61	8.93	2.00	0.00	1.00	0.00
8.62	8.81	2.00	0.00	1.00	0.00	8.63	8.70	2.00	0.00	1.00	0.00
8.64	8.58	2.00	0.00	1.00	0.00	8.65	8.46	2.00	0.00	1.00	0.00
8.66	8.45	2.00	0.00	1.00	0.00	8.67	8.56	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	8.67	2.00	0.00	1.00	0.00	8.69	9.12	2.00	0.00	1.00	0.00
8.70	9.23	2.00	0.00	1.00	0.00	8.71	9.45	2.00	0.00	1.00	0.00
8.72	9.56	2.00	0.00	1.00	0.00	8.73	9.78	2.00	0.00	1.00	0.00
8.74	9.88	2.00	0.00	1.00	0.00	8.75	9.99	2.00	0.00	1.00	0.00
8.76	9.98	2.00	0.00	1.00	0.00	8.77	9.87	2.00	0.00	1.00	0.00
8.78	9.64	2.00	0.00	1.00	0.00	8.79	8.51	2.00	0.00	1.00	0.00
8.80	8.39	2.00	0.00	1.00	0.00	8.81	8.38	2.00	0.00	1.00	0.00
8.82	8.27	2.00	0.00	1.00	0.00	8.83	8.26	2.00	0.00	1.00	0.00
8.84	8.15	2.00	0.00	1.00	0.00	8.85	8.03	2.00	0.00	1.00	0.00
8.86	7.91	2.00	0.00	1.00	0.00	8.87	7.91	2.00	0.00	1.00	0.00
8.88	7.90	2.00	0.00	1.00	0.00	8.89	7.90	2.00	0.00	1.00	0.00
8.90	7.90	2.00	0.00	1.00	0.00	8.91	7.89	2.00	0.00	1.00	0.00
8.92	7.89	2.00	0.00	1.00	0.00	8.93	7.88	2.00	0.00	1.00	0.00
8.94	7.88	2.00	0.00	1.00	0.00	8.95	7.76	2.00	0.00	1.00	0.00
8.96	7.76	2.00	0.00	1.00	0.00	8.97	7.75	2.00	0.00	1.00	0.00
8.98	7.86	2.00	0.00	1.00	0.00	8.99	7.97	2.00	0.00	1.00	0.00
9.00	8.08	2.00	0.00	1.00	0.00	9.01	8.18	2.00	0.00	1.00	0.00
9.02	8.29	2.00	0.00	1.00	0.00	9.03	8.29	2.00	0.00	1.00	0.00
9.04	8.28	2.00	0.00	1.00	0.00	9.05	8.28	2.00	0.00	1.00	0.00
9.06	8.27	2.00	0.00	1.00	0.00	9.07	8.27	2.00	0.00	1.00	0.00
9.08	8.27	2.00	0.00	1.00	0.00	9.09	8.15	2.00	0.00	1.00	0.00
9.10	8.26	2.00	0.00	1.00	0.00	9.11	8.25	2.00	0.00	1.00	0.00
9.12	8.25	2.00	0.00	1.00	0.00	9.13	8.24	2.00	0.00	1.00	0.00
9.14	8.68	2.00	0.00	1.00	0.00	9.15	8.90	2.00	0.00	1.00	0.00
9.16	9.11	2.00	0.00	1.00	0.00	9.17	9.22	2.00	0.00	1.00	0.00
9.18	9.44	2.00	0.00	1.00	0.00	9.19	9.98	2.00	0.00	1.00	0.00
9.20	10.42	2.00	0.00	1.00	0.00	9.21	10.63	2.00	0.00	1.00	0.00
9.22	10.95	2.00	0.00	1.00	0.00	9.23	11.17	2.00	0.00	1.00	0.00
9.24	11.16	2.00	0.00	1.00	0.00	9.25	11.16	2.00	0.00	1.00	0.00
9.26	10.93	2.00	0.00	1.00	0.00	9.27	10.60	2.00	0.00	1.00	0.00
9.28	10.26	2.00	0.00	1.00	0.00	9.29	10.04	2.00	0.00	1.00	0.00
9.30	9.49	2.00	0.00	1.00	0.00	9.31	9.37	2.00	0.00	1.00	0.00
9.32	9.04	2.00	0.00	1.00	0.00	9.33	8.05	2.00	0.00	1.00	0.00
9.34	7.71	2.00	0.00	1.00	0.00	9.35	7.16	2.00	0.00	1.00	0.00
9.36	6.94	2.00	0.00	1.00	0.00	9.37	6.72	2.00	0.00	1.00	0.00
9.38	6.60	2.00	0.00	1.00	0.00	9.39	6.27	2.00	0.00	1.00	0.00
9.40	6.16	2.00	0.00	1.00	0.00	9.41	6.05	2.00	0.00	1.00	0.00
9.42	5.82	2.00	0.00	1.00	0.00	9.43	5.71	2.00	0.00	1.00	0.00
9.44	5.60	2.00	0.00	1.00	0.00	9.45	5.60	2.00	0.00	1.00	0.00
9.46	5.59	2.00	0.00	1.00	0.00	9.47	5.59	2.00	0.00	1.00	0.00
9.48	5.59	2.00	0.00	1.00	0.00	9.49	5.58	2.00	0.00	1.00	0.00
9.50	5.36	2.00	0.00	1.00	0.00	9.51	5.25	2.00	0.00	1.00	0.00
9.52	5.14	2.00	0.00	1.00	0.00	9.53	5.25	2.00	0.00	1.00	0.00
9.54	5.24	2.00	0.00	1.00	0.00	9.55	5.46	2.00	0.00	1.00	0.00
9.56	5.46	2.00	0.00	1.00	0.00	9.57	5.56	2.00	0.00	1.00	0.00
9.58	5.67	2.00	0.00	1.00	0.00	9.59	5.99	2.00	0.00	1.00	0.00
9.60	6.10	2.00	0.00	1.00	0.00	9.61	6.31	2.00	0.00	1.00	0.00
9.62	6.52	2.00	0.00	1.00	0.00	9.63	7.17	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	7.49	2.00	0.00	1.00	0.00	9.65	7.81	2.00	0.00	1.00	0.00
9.66	8.35	2.00	0.00	1.00	0.00	9.67	8.56	2.00	0.00	1.00	0.00
9.68	8.77	2.00	0.00	1.00	0.00	9.69	9.09	2.00	0.00	1.00	0.00
9.70	9.51	2.00	0.00	1.00	0.00	9.71	9.83	2.00	0.00	1.00	0.00
9.72	11.22	2.00	0.00	1.00	0.00	9.73	11.32	2.00	0.00	1.00	0.00
9.74	11.32	2.00	0.00	1.00	0.00	9.75	11.64	2.00	0.00	1.00	0.00
9.76	11.74	2.00	0.00	1.00	0.00	9.77	11.84	2.00	0.00	1.00	0.00
9.78	11.83	2.00	0.00	1.00	0.00	9.79	11.83	2.00	0.00	1.00	0.00
9.80	11.93	2.00	0.00	1.00	0.00	9.81	12.03	2.00	0.00	1.00	0.00
9.82	12.24	2.00	0.00	1.00	0.00	9.83	12.23	2.00	0.00	1.00	0.00
9.84	12.33	2.00	0.00	1.00	0.00	9.85	12.32	2.00	0.00	1.00	0.00
9.86	12.32	2.00	0.00	1.00	0.00	9.87	12.20	2.00	0.00	1.00	0.00
9.88	12.20	2.00	0.00	1.00	0.00	9.89	12.09	2.00	0.00	1.00	0.00
9.90	12.08	2.00	0.00	1.00	0.00	9.91	12.07	2.00	0.00	1.00	0.00
9.92	12.07	2.00	0.00	1.00	0.00	9.93	10.89	2.00	0.00	1.00	0.00
9.94	10.89	2.00	0.00	1.00	0.00	9.95	10.99	2.00	0.00	1.00	0.00
9.96	10.98	2.00	0.00	1.00	0.00	9.97	10.98	2.00	0.00	1.00	0.00
9.98	10.87	2.00	0.00	1.00	0.00	9.99	10.75	2.00	0.00	1.00	0.00
10.00	10.75	2.00	0.00	1.00	0.00	10.01	11.06	2.00	0.00	1.00	0.00
10.02	11.16	2.00	0.00	1.00	0.00	10.03	11.37	2.00	0.00	1.00	0.00
10.04	11.47	2.00	0.00	1.00	0.00	10.05	11.78	2.00	0.00	1.00	0.00
10.06	11.88	2.00	0.00	1.00	0.00	10.07	11.77	2.00	0.00	1.00	0.00
10.08	11.76	2.00	0.00	1.00	0.00	10.09	11.86	2.00	0.00	1.00	0.00
10.10	12.07	2.00	0.00	1.00	0.00	10.11	12.06	2.00	0.00	1.00	0.00
10.12	12.58	2.00	0.00	1.00	0.00	10.13	12.89	2.00	0.00	1.00	0.00
10.14	13.09	2.00	0.00	1.00	0.00	10.15	13.09	2.00	0.00	1.00	0.00
10.16	13.08	2.00	0.00	1.00	0.00	10.17	13.18	2.00	0.00	1.00	0.00
10.18	13.49	2.00	0.00	1.00	0.00	10.19	13.48	2.00	0.00	1.00	0.00
10.20	13.89	2.00	0.00	1.00	0.00	10.21	13.99	2.00	0.00	1.00	0.00
10.22	13.98	2.00	0.00	1.00	0.00	10.23	13.87	2.00	0.00	1.00	0.00
10.24	13.76	2.00	0.00	1.00	0.00	10.25	13.75	2.00	0.00	1.00	0.00
10.26	13.74	2.00	0.00	1.00	0.00	10.27	13.63	2.00	0.00	1.00	0.00
10.28	13.63	2.00	0.00	1.00	0.00	10.29	13.62	2.00	0.00	1.00	0.00
10.30	13.72	2.00	0.00	1.00	0.00	10.31	13.71	2.00	0.00	1.00	0.00
10.32	13.70	2.00	0.00	1.00	0.00	10.33	13.18	2.00	0.00	1.00	0.00
10.34	12.96	2.00	0.00	1.00	0.00	10.35	12.85	2.00	0.00	1.00	0.00
10.36	12.84	2.00	0.00	1.00	0.00	10.37	12.84	2.00	0.00	1.00	0.00
10.38	12.73	2.00	0.00	1.00	0.00	10.39	12.41	2.00	0.00	1.00	0.00
10.40	12.40	2.00	0.00	1.00	0.00	10.41	12.29	2.00	0.00	1.00	0.00
10.42	12.18	2.00	0.00	1.00	0.00	10.43	12.18	2.00	0.00	1.00	0.00
10.44	12.07	2.00	0.00	1.00	0.00	10.45	12.06	2.00	0.00	1.00	0.00
10.46	11.95	2.00	0.00	1.00	0.00	10.47	12.05	2.00	0.00	1.00	0.00
10.48	11.94	2.00	0.00	1.00	0.00	10.49	11.83	2.00	0.00	1.00	0.00
10.50	11.62	2.00	0.00	1.00	0.00	10.51	11.40	2.00	0.00	1.00	0.00
10.52	11.19	2.00	0.00	1.00	0.00	10.53	11.19	2.00	0.00	1.00	0.00
10.54	11.08	2.00	0.00	1.00	0.00	10.55	11.18	2.00	0.00	1.00	0.00
10.56	11.17	2.00	0.00	1.00	0.00	10.57	11.16	2.00	0.00	1.00	0.00
10.58	10.64	2.00	0.00	1.00	0.00	10.59	10.54	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	10.43	2.00	0.00	1.00	0.00	10.61	10.32	2.00	0.00	1.00	0.00
10.62	10.31	2.00	0.00	1.00	0.00	10.63	10.31	2.00	0.00	1.00	0.00
10.64	10.41	2.00	0.00	1.00	0.00	10.65	10.30	2.00	0.00	1.00	0.00
10.66	10.29	2.00	0.00	1.00	0.00	10.67	10.29	2.00	0.00	1.00	0.00
10.68	10.18	2.00	0.00	1.00	0.00	10.69	10.18	2.00	0.00	1.00	0.00
10.70	9.97	2.00	0.00	1.00	0.00	10.71	9.86	2.00	0.00	1.00	0.00
10.72	9.85	2.00	0.00	1.00	0.00	10.73	9.64	2.00	0.00	1.00	0.00
10.74	9.54	2.00	0.00	1.00	0.00	10.75	9.43	2.00	0.00	1.00	0.00
10.76	9.43	2.00	0.00	1.00	0.00	10.77	9.52	2.00	0.00	1.00	0.00
10.78	9.72	2.00	0.00	1.00	0.00	10.79	9.82	2.00	0.00	1.00	0.00
10.80	9.92	2.00	0.00	1.00	0.00	10.81	10.22	2.00	0.00	1.00	0.00
10.82	10.21	2.00	0.00	1.00	0.00	10.83	10.31	2.00	0.00	1.00	0.00
10.84	10.41	2.00	0.00	1.00	0.00	10.85	10.51	2.00	0.00	1.00	0.00
10.86	10.60	2.00	0.00	1.00	0.00	10.87	10.80	2.00	0.00	1.00	0.00
10.88	10.90	2.00	0.00	1.00	0.00	10.89	10.99	2.00	0.00	1.00	0.00
10.90	10.99	2.00	0.00	1.00	0.00	10.91	10.98	2.00	0.00	1.00	0.00
10.92	10.98	2.00	0.00	1.00	0.00	10.93	12.19	2.00	0.00	1.00	0.00
10.94	12.28	2.00	0.00	1.00	0.00	10.95	12.38	2.00	0.00	1.00	0.00
10.96	12.37	2.00	0.00	1.00	0.00	10.97	12.37	2.00	0.00	1.00	0.00
10.98	12.06	2.00	0.00	1.00	0.00	10.99	12.05	2.00	0.00	1.00	0.00
11.00	11.95	2.00	0.00	1.00	0.00	11.01	11.84	2.00	0.00	1.00	0.00
11.02	11.93	2.00	0.00	1.00	0.00	11.03	11.93	2.00	0.00	1.00	0.00
11.04	11.92	2.00	0.00	1.00	0.00	11.05	11.92	2.00	0.00	1.00	0.00
11.06	11.81	2.00	0.00	1.00	0.00	11.07	11.81	2.00	0.00	1.00	0.00
11.08	11.70	2.00	0.00	1.00	0.00	11.09	11.59	2.00	0.00	1.00	0.00
11.10	11.18	2.00	0.00	1.00	0.00	11.11	11.08	2.00	0.00	1.00	0.00
11.12	10.97	2.00	0.00	1.00	0.00	11.13	10.87	2.00	0.00	1.00	0.00
11.14	10.86	2.00	0.00	1.00	0.00	11.15	10.66	2.00	0.00	1.00	0.00
11.16	10.55	2.00	0.00	1.00	0.00	11.17	10.45	2.00	0.00	1.00	0.00
11.18	10.24	2.00	0.00	1.00	0.00	11.19	10.13	2.00	0.00	1.00	0.00
11.20	10.13	2.00	0.00	1.00	0.00	11.21	10.02	2.00	0.00	1.00	0.00
11.22	9.92	2.00	0.00	1.00	0.00	11.23	9.72	2.00	0.00	1.00	0.00
11.24	9.71	2.00	0.00	1.00	0.00	11.25	9.81	2.00	0.00	1.00	0.00
11.26	10.00	2.00	0.00	1.00	0.00	11.27	10.00	2.00	0.00	1.00	0.00
11.28	9.89	2.00	0.00	1.00	0.00	11.29	9.49	2.00	0.00	1.00	0.00
11.30	9.38	2.00	0.00	1.00	0.00	11.31	9.28	2.00	0.00	1.00	0.00
11.32	9.28	2.00	0.00	1.00	0.00	11.33	9.27	2.00	0.00	1.00	0.00
11.34	9.27	2.00	0.00	1.00	0.00	11.35	9.26	2.00	0.00	1.00	0.00
11.36	9.26	2.00	0.00	1.00	0.00	11.37	9.06	2.00	0.00	1.00	0.00
11.38	8.95	2.00	0.00	1.00	0.00	11.39	8.85	2.00	0.00	1.00	0.00
11.40	8.75	2.00	0.00	1.00	0.00	11.41	8.64	2.00	0.00	1.00	0.00
11.42	8.64	2.00	0.00	1.00	0.00	11.43	8.54	2.00	0.00	1.00	0.00
11.44	8.33	2.00	0.00	1.00	0.00	11.45	8.13	2.00	0.00	1.00	0.00
11.46	8.03	2.00	0.00	1.00	0.00	11.47	7.23	2.00	0.00	1.00	0.00
11.48	7.13	2.00	0.00	1.00	0.00	11.49	7.13	2.00	0.00	1.00	0.00
11.50	7.02	2.00	0.00	1.00	0.00	11.51	6.82	2.00	0.00	1.00	0.00
11.52	6.82	2.00	0.00	1.00	0.00	11.53	6.82	2.00	0.00	1.00	0.00
11.54	6.81	2.00	0.00	1.00	0.00	11.55	6.81	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	6.91	2.00	0.00	1.00	0.00	11.57	6.90	2.00	0.00	1.00	0.00
11.58	7.00	2.00	0.00	1.00	0.00	11.59	6.90	2.00	0.00	1.00	0.00
11.60	6.89	2.00	0.00	1.00	0.00	11.61	6.99	2.00	0.00	1.00	0.00
11.62	7.09	2.00	0.00	1.00	0.00	11.63	7.57	2.00	0.00	1.00	0.00
11.64	7.77	2.00	0.00	1.00	0.00	11.65	7.96	2.00	0.00	1.00	0.00
11.66	8.94	2.00	0.00	1.00	0.00	11.67	9.13	2.00	0.00	1.00	0.00
11.68	9.33	2.00	0.00	1.00	0.00	11.69	9.52	2.00	0.00	1.00	0.00
11.70	9.71	2.00	0.00	1.00	0.00	11.71	9.81	2.00	0.00	1.00	0.00
11.72	9.90	2.00	0.00	1.00	0.00	11.73	9.99	2.00	0.00	1.00	0.00
11.74	10.19	2.00	0.00	1.00	0.00	11.75	10.28	2.00	0.00	1.00	0.00
11.76	10.27	2.00	0.00	1.00	0.00	11.77	10.47	2.00	0.00	1.00	0.00
11.78	10.46	2.00	0.00	1.00	0.00	11.79	10.46	2.00	0.00	1.00	0.00
11.80	10.26	2.00	0.00	1.00	0.00	11.81	10.06	2.00	0.00	1.00	0.00
11.82	9.86	2.00	0.00	1.00	0.00	11.83	9.75	2.00	0.00	1.00	0.00
11.84	9.07	2.00	0.00	1.00	0.00	11.85	8.97	2.00	0.00	1.00	0.00
11.86	9.06	2.00	0.00	1.00	0.00	11.87	8.96	2.00	0.00	1.00	0.00
11.88	8.95	2.00	0.00	1.00	0.00	11.89	8.95	2.00	0.00	1.00	0.00
11.90	8.95	2.00	0.00	1.00	0.00	11.91	8.94	2.00	0.00	1.00	0.00
11.92	8.94	2.00	0.00	1.00	0.00	11.93	8.93	2.00	0.00	1.00	0.00
11.94	8.54	2.00	0.00	1.00	0.00	11.95	8.54	2.00	0.00	1.00	0.00
11.96	9.50	2.00	0.00	1.00	0.00	11.97	9.60	2.00	0.00	1.00	0.00
11.98	9.69	2.00	0.00	1.00	0.00	11.99	9.49	2.00	0.00	1.00	0.00
12.00	9.59	2.00	0.00	1.00	0.00	12.01	9.87	2.00	0.00	1.00	0.00
12.02	9.87	2.00	0.00	1.00	0.00	12.03	9.86	2.00	0.00	1.00	0.00
12.04	9.86	2.00	0.00	1.00	0.00	12.05	9.95	2.00	0.00	1.00	0.00
12.06	10.05	2.00	0.00	1.00	0.00	12.07	10.04	2.00	0.00	1.00	0.00
12.08	9.94	2.00	0.00	1.00	0.00	12.09	9.94	2.00	0.00	1.00	0.00
12.10	9.83	2.00	0.00	1.00	0.00	12.11	9.73	2.00	0.00	1.00	0.00
12.12	9.63	2.00	0.00	1.00	0.00	12.13	9.53	2.00	0.00	1.00	0.00
12.14	9.34	2.00	0.00	1.00	0.00	12.15	9.33	2.00	0.00	1.00	0.00
12.16	9.23	2.00	0.00	1.00	0.00	12.17	9.13	2.00	0.00	1.00	0.00
12.18	9.03	2.00	0.00	1.00	0.00	12.19	9.03	2.00	0.00	1.00	0.00
12.20	9.02	2.00	0.00	1.00	0.00	12.21	9.02	2.00	0.00	1.00	0.00
12.22	8.92	2.00	0.00	1.00	0.00	12.23	8.92	2.00	0.00	1.00	0.00
12.24	8.91	2.00	0.00	1.00	0.00	12.25	8.91	2.00	0.00	1.00	0.00
12.26	8.81	2.00	0.00	1.00	0.00	12.27	8.71	2.00	0.00	1.00	0.00
12.28	8.61	2.00	0.00	1.00	0.00	12.29	8.32	2.00	0.00	1.00	0.00
12.30	8.22	2.00	0.00	1.00	0.00	12.31	7.55	2.00	0.00	1.00	0.00
12.32	7.45	2.00	0.00	1.00	0.00	12.33	7.25	2.00	0.00	1.00	0.00
12.34	7.25	2.00	0.00	1.00	0.00	12.35	7.34	2.00	0.00	1.00	0.00
12.36	7.44	2.00	0.00	1.00	0.00	12.37	7.53	2.00	0.00	1.00	0.00
12.38	7.72	2.00	0.00	1.00	0.00	12.39	7.81	2.00	0.00	1.00	0.00
12.40	7.80	2.00	0.00	1.00	0.00	12.41	7.80	2.00	0.00	1.00	0.00
12.42	7.80	2.00	0.00	1.00	0.00	12.43	7.99	2.00	0.00	1.00	0.00
12.44	8.27	2.00	0.00	1.00	0.00	12.45	8.36	2.00	0.00	1.00	0.00
12.46	8.45	2.00	0.00	1.00	0.00	12.47	8.64	2.00	0.00	1.00	0.00
12.48	8.73	2.00	0.00	1.00	0.00	12.49	8.82	2.00	0.00	1.00	0.00
12.50	9.01	2.00	0.00	1.00	0.00	12.51	8.91	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	8.81	2.00	0.00	1.00	0.00	12.53	8.81	2.00	0.00	1.00	0.00
12.54	8.81	2.00	0.00	1.00	0.00	12.55	8.71	2.00	0.00	1.00	0.00
12.56	8.70	2.00	0.00	1.00	0.00	12.57	8.70	2.00	0.00	1.00	0.00
12.58	8.70	2.00	0.00	1.00	0.00	12.59	8.69	2.00	0.00	1.00	0.00
12.60	8.78	2.00	0.00	1.00	0.00	12.61	8.87	2.00	0.00	1.00	0.00
12.62	8.97	2.00	0.00	1.00	0.00	12.63	8.96	2.00	0.00	1.00	0.00
12.64	9.15	2.00	0.00	1.00	0.00	12.65	9.24	2.00	0.00	1.00	0.00
12.66	9.33	2.00	0.00	1.00	0.00	12.67	9.42	2.00	0.00	1.00	0.00
12.68	10.17	2.00	0.00	1.00	0.00	12.69	10.36	2.00	0.00	1.00	0.00
12.70	10.73	2.00	0.00	1.00	0.00	12.71	10.91	2.00	0.00	1.00	0.00
12.72	11.10	2.00	0.00	1.00	0.00	12.73	11.19	2.00	0.00	1.00	0.00
12.74	11.28	2.00	0.00	1.00	0.00	12.75	11.27	2.00	0.00	1.00	0.00
12.76	11.46	2.00	0.00	1.00	0.00	12.77	11.45	2.00	0.00	1.00	0.00
12.78	11.45	2.00	0.00	1.00	0.00	12.79	11.35	2.00	0.00	1.00	0.00
12.80	11.34	2.00	0.00	1.00	0.00	12.81	11.24	2.00	0.00	1.00	0.00
12.82	11.24	2.00	0.00	1.00	0.00	12.83	11.33	2.00	0.00	1.00	0.00
12.84	11.32	2.00	0.00	1.00	0.00	12.85	11.41	2.00	0.00	1.00	0.00
12.86	11.13	2.00	0.00	1.00	0.00	12.87	10.84	2.00	0.00	1.00	0.00
12.88	10.74	2.00	0.00	1.00	0.00	12.89	10.64	2.00	0.00	1.00	0.00
12.90	10.64	2.00	0.00	1.00	0.00	12.91	10.63	2.00	0.00	1.00	0.00
12.92	10.63	2.00	0.00	1.00	0.00	12.93	8.66	2.00	0.00	1.00	0.00
12.94	8.66	2.00	0.00	1.00	0.00	12.95	9.31	2.00	0.00	1.00	0.00
12.96	9.21	2.00	0.00	1.00	0.00	12.97	9.11	2.00	0.00	1.00	0.00
12.98	8.83	2.00	0.00	1.00	0.00	12.99	8.64	2.00	0.00	1.00	0.00
13.00	8.45	2.00	0.00	1.00	0.00	13.01	8.26	2.00	0.00	1.00	0.00
13.02	8.16	2.00	0.00	1.00	0.00	13.03	8.07	2.00	0.00	1.00	0.00
13.04	8.06	2.00	0.00	1.00	0.00	13.05	7.97	2.00	0.00	1.00	0.00
13.06	7.96	2.00	0.00	1.00	0.00	13.07	8.15	2.00	0.00	1.00	0.00
13.08	8.14	2.00	0.00	1.00	0.00	13.09	8.14	2.00	0.00	1.00	0.00
13.10	8.14	2.00	0.00	1.00	0.00	13.11	8.23	2.00	0.00	1.00	0.00
13.12	8.32	2.00	0.00	1.00	0.00	13.13	8.50	2.00	0.00	1.00	0.00
13.14	8.49	2.00	0.00	1.00	0.00	13.15	8.58	2.00	0.00	1.00	0.00
13.16	8.58	2.00	0.00	1.00	0.00	13.17	8.58	2.00	0.00	1.00	0.00
13.18	8.67	2.00	0.00	1.00	0.00	13.19	8.66	2.00	0.00	1.00	0.00
13.20	8.75	2.00	0.00	1.00	0.00	13.21	8.84	2.00	0.00	1.00	0.00
13.22	8.93	2.00	0.00	1.00	0.00	13.23	9.11	2.00	0.00	1.00	0.00
13.24	9.20	2.00	0.00	1.00	0.00	13.25	9.29	2.00	0.00	1.00	0.00
13.26	9.74	2.00	0.00	1.00	0.00	13.27	9.93	2.00	0.00	1.00	0.00
13.28	10.20	2.00	0.00	1.00	0.00	13.29	10.66	2.00	0.00	1.00	0.00
13.30	10.84	2.00	0.00	1.00	0.00	13.31	12.12	2.00	0.00	1.00	0.00
13.32	12.58	2.00	0.00	1.00	0.00	13.33	12.67	2.00	0.00	1.00	0.00
13.34	12.85	2.00	0.00	1.00	0.00	13.35	13.21	2.00	0.00	1.00	0.00
13.36	13.39	2.00	0.00	1.00	0.00	13.37	13.66	2.00	0.00	1.00	0.00
13.38	13.66	2.00	0.00	1.00	0.00	13.39	13.74	2.00	0.00	1.00	0.00
13.40	13.74	2.00	0.00	1.00	0.00	13.41	13.73	2.00	0.00	1.00	0.00
13.42	13.54	2.00	0.00	1.00	0.00	13.43	13.54	2.00	0.00	1.00	0.00
13.44	13.35	2.00	0.00	1.00	0.00	13.45	13.07	2.00	0.00	1.00	0.00
13.46	12.97	2.00	0.00	1.00	0.00	13.47	12.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	13.33	2.00	0.00	1.00	0.00	13.49	13.41	2.00	0.00	1.00	0.00
13.50	13.41	2.00	0.00	1.00	0.00	13.51	13.40	2.00	0.00	1.00	0.00
13.52	13.40	2.00	0.00	1.00	0.00	13.53	13.48	2.00	0.00	1.00	0.00
13.54	13.57	2.00	0.00	1.00	0.00	13.55	13.56	2.00	0.00	1.00	0.00
13.56	13.56	2.00	0.00	1.00	0.00	13.57	13.46	2.00	0.00	1.00	0.00
13.58	13.36	2.00	0.00	1.00	0.00	13.59	13.36	2.00	0.00	1.00	0.00
13.60	13.17	2.00	0.00	1.00	0.00	13.61	12.98	2.00	0.00	1.00	0.00
13.62	12.79	2.00	0.00	1.00	0.00	13.63	12.24	2.00	0.00	1.00	0.00
13.64	11.96	2.00	0.00	1.00	0.00	13.65	11.77	2.00	0.00	1.00	0.00
13.66	11.59	2.00	0.00	1.00	0.00	13.67	11.13	2.00	0.00	1.00	0.00
13.68	11.21	2.00	0.00	1.00	0.00	13.69	11.12	2.00	0.00	1.00	0.00
13.70	11.02	2.00	0.00	1.00	0.00	13.71	10.93	2.00	0.00	1.00	0.00
13.72	10.65	2.00	0.00	1.00	0.00	13.73	10.46	2.00	0.00	1.00	0.00
13.74	10.28	2.00	0.00	1.00	0.00	13.75	10.27	2.00	0.00	1.00	0.00
13.76	10.27	2.00	0.00	1.00	0.00	13.77	10.36	2.00	0.00	1.00	0.00
13.78	10.35	2.00	0.00	1.00	0.00	13.79	10.44	2.00	0.00	1.00	0.00
13.80	10.52	2.00	0.00	1.00	0.00	13.81	10.70	2.00	0.00	1.00	0.00
13.82	10.79	2.00	0.00	1.00	0.00	13.83	10.96	2.00	0.00	1.00	0.00
13.84	11.59	2.00	0.00	1.00	0.00	13.85	11.68	2.00	0.00	1.00	0.00
13.86	11.49	2.00	0.00	1.00	0.00	13.87	11.40	2.00	0.00	1.00	0.00
13.88	11.39	2.00	0.00	1.00	0.00	13.89	11.30	2.00	0.00	1.00	0.00
13.90	11.29	2.00	0.00	1.00	0.00	13.91	11.29	2.00	0.00	1.00	0.00
13.92	11.28	2.00	0.00	1.00	0.00	13.93	10.56	2.00	0.00	1.00	0.00
13.94	10.56	2.00	0.00	1.00	0.00	13.95	10.91	2.00	0.00	1.00	0.00
13.96	10.28	2.00	0.00	1.00	0.00	13.97	10.00	2.00	0.00	1.00	0.00
13.98	9.91	2.00	0.00	1.00	0.00	13.99	9.82	2.00	0.00	1.00	0.00
14.00	9.63	2.00	0.00	1.00	0.00	14.01	9.63	2.00	0.00	1.00	0.00
14.02	9.62	2.00	0.00	1.00	0.00	14.03	9.35	2.00	0.00	1.00	0.00
14.04	9.53	2.00	0.00	1.00	0.00	14.05	9.52	2.00	0.00	1.00	0.00
14.06	9.70	2.00	0.00	1.00	0.00	14.07	9.70	2.00	0.00	1.00	0.00
14.08	9.78	2.00	0.00	1.00	0.00	14.09	9.69	2.00	0.00	1.00	0.00
14.10	9.68	2.00	0.00	1.00	0.00	14.11	9.41	2.00	0.00	1.00	0.00
14.12	9.32	2.00	0.00	1.00	0.00	14.13	8.96	2.00	0.00	1.00	0.00
14.14	8.87	2.00	0.00	1.00	0.00	14.15	8.59	2.00	0.00	1.00	0.00
14.16	8.59	2.00	0.00	1.00	0.00	14.17	8.41	2.00	0.00	1.00	0.00
14.18	8.41	2.00	0.00	1.00	0.00	14.19	8.31	2.00	0.00	1.00	0.00
14.20	8.04	2.00	0.00	1.00	0.00	14.21	7.95	2.00	0.00	1.00	0.00
14.22	7.95	2.00	0.00	1.00	0.00	14.23	7.86	2.00	0.00	1.00	0.00
14.24	7.77	2.00	0.00	1.00	0.00	14.25	7.67	2.00	0.00	1.00	0.00
14.26	7.67	2.00	0.00	1.00	0.00	14.27	7.58	2.00	0.00	1.00	0.00
14.28	7.49	2.00	0.00	1.00	0.00	14.29	7.49	2.00	0.00	1.00	0.00
14.30	7.57	2.00	0.00	1.00	0.00	14.31	7.57	2.00	0.00	1.00	0.00
14.32	7.57	2.00	0.00	1.00	0.00	14.33	7.65	2.00	0.00	1.00	0.00
14.34	7.83	2.00	0.00	1.00	0.00	14.35	8.18	2.00	0.00	1.00	0.00
14.36	8.26	2.00	0.00	1.00	0.00	14.37	8.44	2.00	0.00	1.00	0.00
14.38	8.70	2.00	0.00	1.00	0.00	14.39	8.78	2.00	0.00	1.00	0.00
14.40	9.13	2.00	0.00	1.00	0.00	14.41	9.22	2.00	0.00	1.00	0.00
14.42	9.39	2.00	0.00	1.00	0.00	14.43	9.39	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.39	2.00	0.00	1.00	0.00	14.45	9.56	2.00	0.00	1.00	0.00
14.46	9.64	2.00	0.00	1.00	0.00	14.47	9.82	2.00	0.00	1.00	0.00
14.48	10.52	2.00	0.00	1.00	0.00	14.49	10.87	2.00	0.00	1.00	0.00
14.50	10.95	2.00	0.00	1.00	0.00	14.51	11.13	2.00	0.00	1.00	0.00
14.52	11.12	2.00	0.00	1.00	0.00	14.53	10.94	2.00	0.00	1.00	0.00
14.54	10.94	2.00	0.00	1.00	0.00	14.55	10.85	2.00	0.00	1.00	0.00
14.56	10.84	2.00	0.00	1.00	0.00	14.57	10.84	2.00	0.00	1.00	0.00
14.58	10.83	2.00	0.00	1.00	0.00	14.59	10.74	2.00	0.00	1.00	0.00
14.60	10.56	2.00	0.00	1.00	0.00	14.61	10.47	2.00	0.00	1.00	0.00
14.62	10.38	2.00	0.00	1.00	0.00	14.63	10.20	2.00	0.00	1.00	0.00
14.64	10.19	2.00	0.00	1.00	0.00	14.65	10.19	2.00	0.00	1.00	0.00
14.66	10.19	2.00	0.00	1.00	0.00	14.67	10.27	2.00	0.00	1.00	0.00
14.68	10.35	2.00	0.00	1.00	0.00	14.69	10.35	2.00	0.00	1.00	0.00
14.70	10.35	2.00	0.00	1.00	0.00	14.71	10.43	2.00	0.00	1.00	0.00
14.72	10.43	2.00	0.00	1.00	0.00	14.73	10.51	2.00	0.00	1.00	0.00
14.74	10.51	2.00	0.00	1.00	0.00	14.75	10.50	2.00	0.00	1.00	0.00
14.76	10.41	2.00	0.00	1.00	0.00	14.77	10.41	2.00	0.00	1.00	0.00
14.78	10.40	2.00	0.00	1.00	0.00	14.79	10.40	2.00	0.00	1.00	0.00
14.80	10.31	2.00	0.00	1.00	0.00	14.81	10.30	2.00	0.00	1.00	0.00
14.82	10.30	2.00	0.00	1.00	0.00	14.83	10.38	2.00	0.00	1.00	0.00
14.84	10.47	2.00	0.00	1.00	0.00	14.85	10.64	2.00	0.00	1.00	0.00
14.86	10.98	2.00	0.00	1.00	0.00	14.87	11.24	2.00	0.00	1.00	0.00
14.88	11.50	2.00	0.00	1.00	0.00	14.89	11.67	2.00	0.00	1.00	0.00
14.90	11.66	2.00	0.00	1.00	0.00	14.91	11.66	2.00	0.00	1.00	0.00
14.92	11.66	2.00	0.00	1.00	0.00	14.93	10.43	2.00	0.00	1.00	0.00
14.94	12.26	2.00	0.00	1.00	0.00	14.95	12.78	2.00	0.00	1.00	0.00
14.96	12.69	2.00	0.00	1.00	0.00	14.97	12.51	2.00	0.00	1.00	0.00
14.98	12.50	2.00	0.00	1.00	0.00	14.99	12.15	2.00	0.00	1.00	0.00
15.00	11.54	2.00	0.00	1.00	0.00	15.01	11.36	2.00	0.00	1.00	0.00
15.02	11.18	2.00	0.00	1.00	0.00	15.03	11.18	2.00	0.00	1.00	0.00
15.04	11.17	2.00	0.00	1.00	0.00	15.05	11.17	2.00	0.00	1.00	0.00
15.06	11.34	2.00	0.00	1.00	0.00	15.07	11.51	2.00	0.00	1.00	0.00
15.08	11.85	2.00	0.00	1.00	0.00	15.09	12.11	2.00	0.00	1.00	0.00
15.10	12.27	2.00	0.00	1.00	0.00	15.11	12.70	2.00	0.00	1.00	0.00
15.12	12.87	2.00	0.00	1.00	0.00	15.13	13.04	2.00	0.00	1.00	0.00
15.14	13.21	2.00	0.00	1.00	0.00	15.15	13.55	2.00	0.00	1.00	0.00
15.16	13.81	2.00	0.00	1.00	0.00	15.17	14.50	2.00	0.00	1.00	0.00
15.18	14.58	2.00	0.00	1.00	0.00	15.19	14.49	2.00	0.00	1.00	0.00
15.20	14.57	2.00	0.00	1.00	0.00	15.21	14.65	2.00	0.00	1.00	0.00
15.22	14.73	2.00	0.00	1.00	0.00	15.23	14.90	2.00	0.00	1.00	0.00
15.24	14.98	2.00	0.00	1.00	0.00	15.25	15.24	2.00	0.00	1.00	0.00
15.26	15.32	2.00	0.00	1.00	0.00	15.27	15.40	2.00	0.00	1.00	0.00
15.28	15.39	2.00	0.00	1.00	0.00	15.29	15.30	2.00	0.00	1.00	0.00
15.30	15.47	2.00	0.00	1.00	0.00	15.31	15.64	2.00	0.00	1.00	0.00
15.32	15.72	2.00	0.00	1.00	0.00	15.33	15.62	2.00	0.00	1.00	0.00
15.34	15.53	2.00	0.00	1.00	0.00	15.35	15.79	2.00	0.00	1.00	0.00
15.36	15.78	2.00	0.00	1.00	0.00	15.37	15.77	2.00	0.00	1.00	0.00
15.38	15.77	2.00	0.00	1.00	0.00	15.39	15.42	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

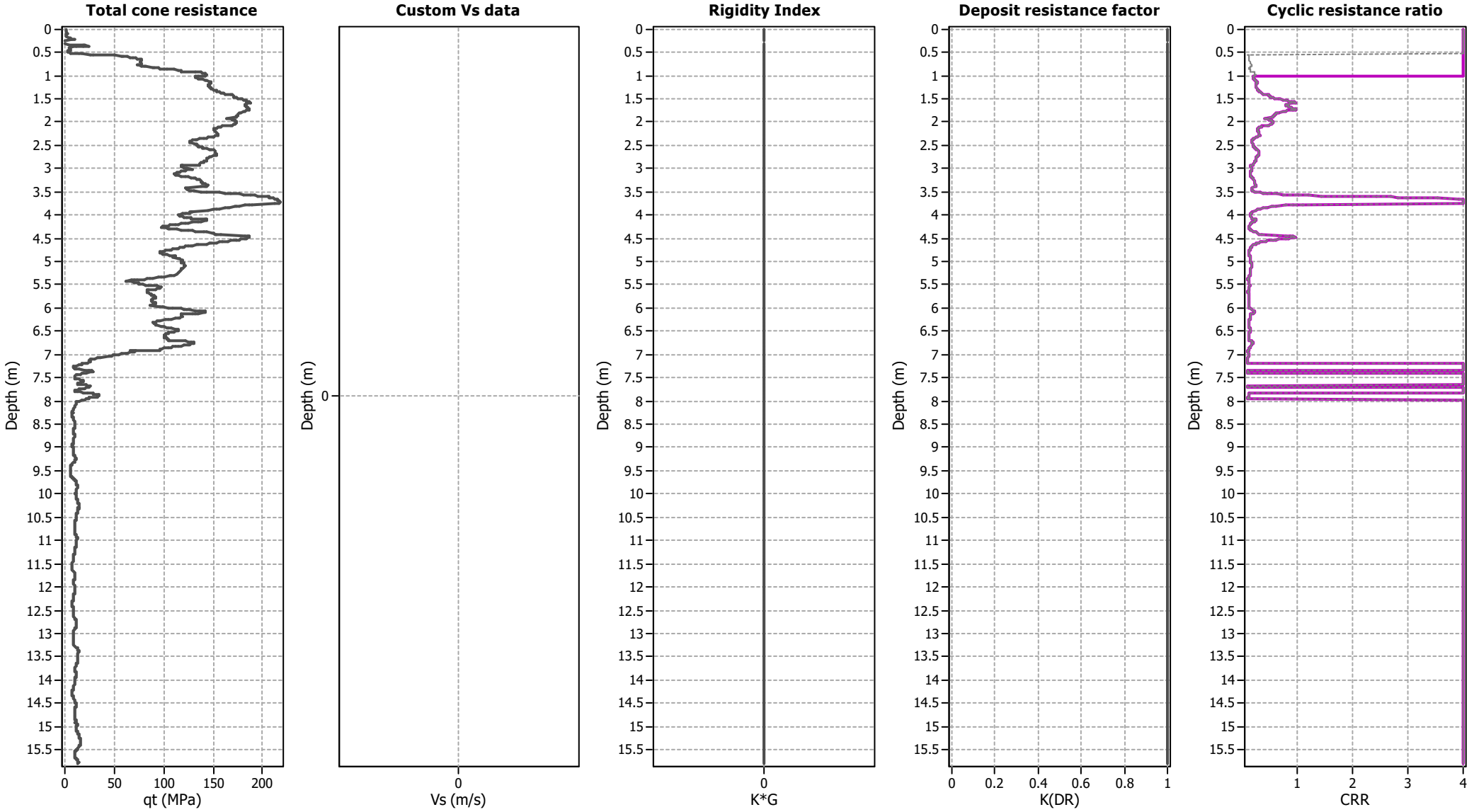
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	14.81	2.00	0.00	1.00	0.00	15.41	14.54	2.00	0.00	1.00	0.00
15.42	14.36	2.00	0.00	1.00	0.00	15.43	14.27	2.00	0.00	1.00	0.00
15.44	13.92	2.00	0.00	1.00	0.00	15.45	13.74	2.00	0.00	1.00	0.00
15.46	13.31	2.00	0.00	1.00	0.00	15.47	13.05	2.00	0.00	1.00	0.00
15.48	12.61	2.00	0.00	1.00	0.00	15.49	12.52	2.00	0.00	1.00	0.00
15.50	12.35	2.00	0.00	1.00	0.00	15.51	11.06	2.00	0.00	1.00	0.00
15.52	10.97	2.00	0.00	1.00	0.00	15.53	10.79	2.00	0.00	1.00	0.00
15.54	10.62	2.00	0.00	1.00	0.00	15.55	10.62	2.00	0.00	1.00	0.00
15.56	10.53	2.00	0.00	1.00	0.00	15.57	10.52	2.00	0.00	1.00	0.00
15.58	10.18	2.00	0.00	1.00	0.00	15.59	10.00	2.00	0.00	1.00	0.00
15.60	9.75	2.00	0.00	1.00	0.00	15.61	9.66	2.00	0.00	1.00	0.00
15.62	9.65	2.00	0.00	1.00	0.00	15.63	9.82	2.00	0.00	1.00	0.00
15.64	9.90	2.00	0.00	1.00	0.00	15.65	10.07	2.00	0.00	1.00	0.00
15.66	10.06	2.00	0.00	1.00	0.00	15.67	10.14	2.00	0.00	1.00	0.00
15.68	11.16	2.00	0.00	1.00	0.00	15.69	11.33	2.00	0.00	1.00	0.00
15.70	11.92	2.00	0.00	1.00	0.00	15.71	12.00	2.00	0.00	1.00	0.00
15.72	12.25	2.00	0.00	1.00	0.00	15.73	12.33	2.00	0.00	1.00	0.00
15.74	12.75	2.00	0.00	1.00	0.00	15.75	12.91	2.00	0.00	1.00	0.00
15.76	13.25	2.00	0.00	1.00	0.00	15.77	13.50	2.00	0.00	1.00	0.00
15.78	13.75	2.00	0.00	1.00	0.00	15.79	13.58	2.00	0.00	1.00	0.00
15.80	13.15	2.00	0.00	1.00	0.00						

Total estimated settlement: 10.99

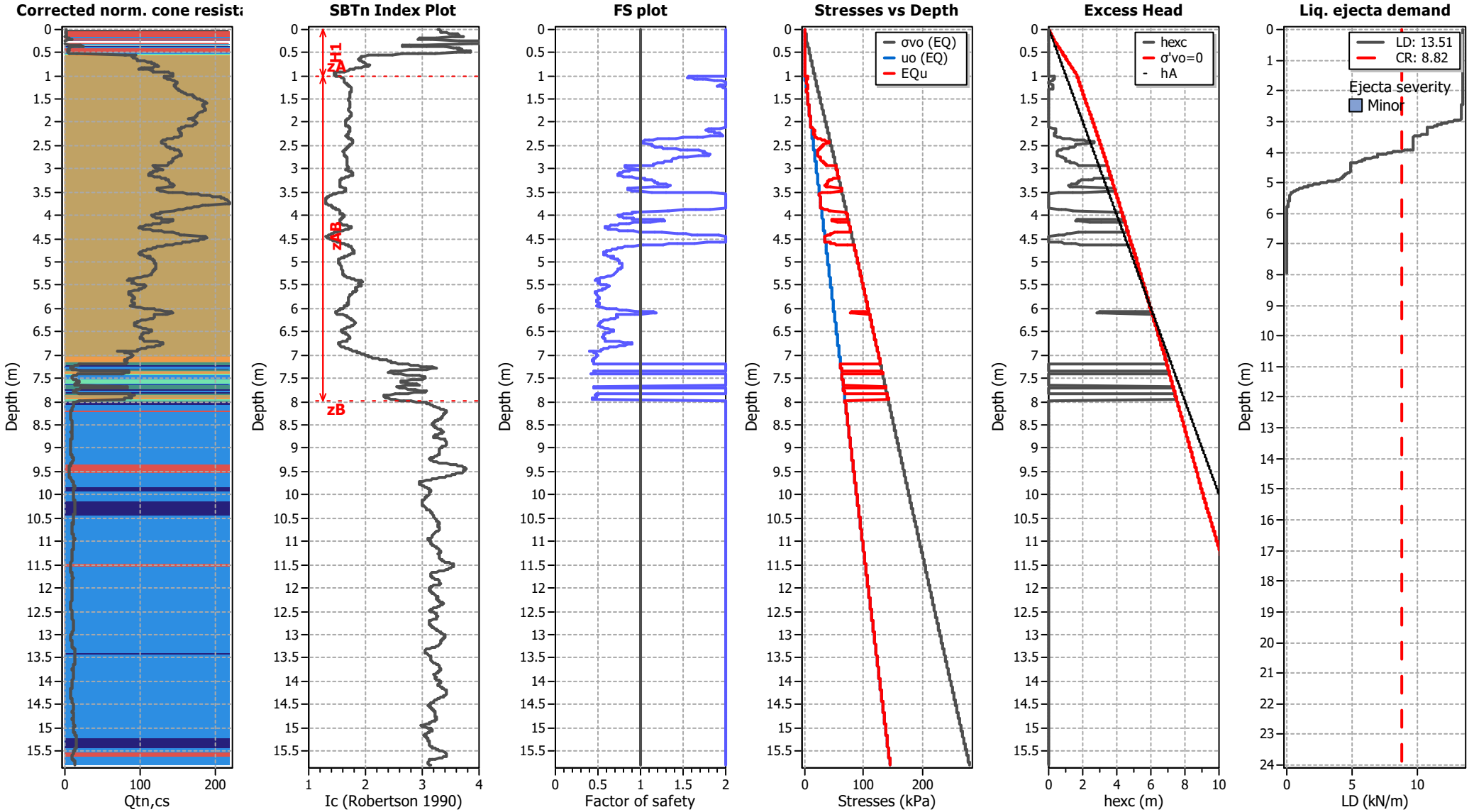
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



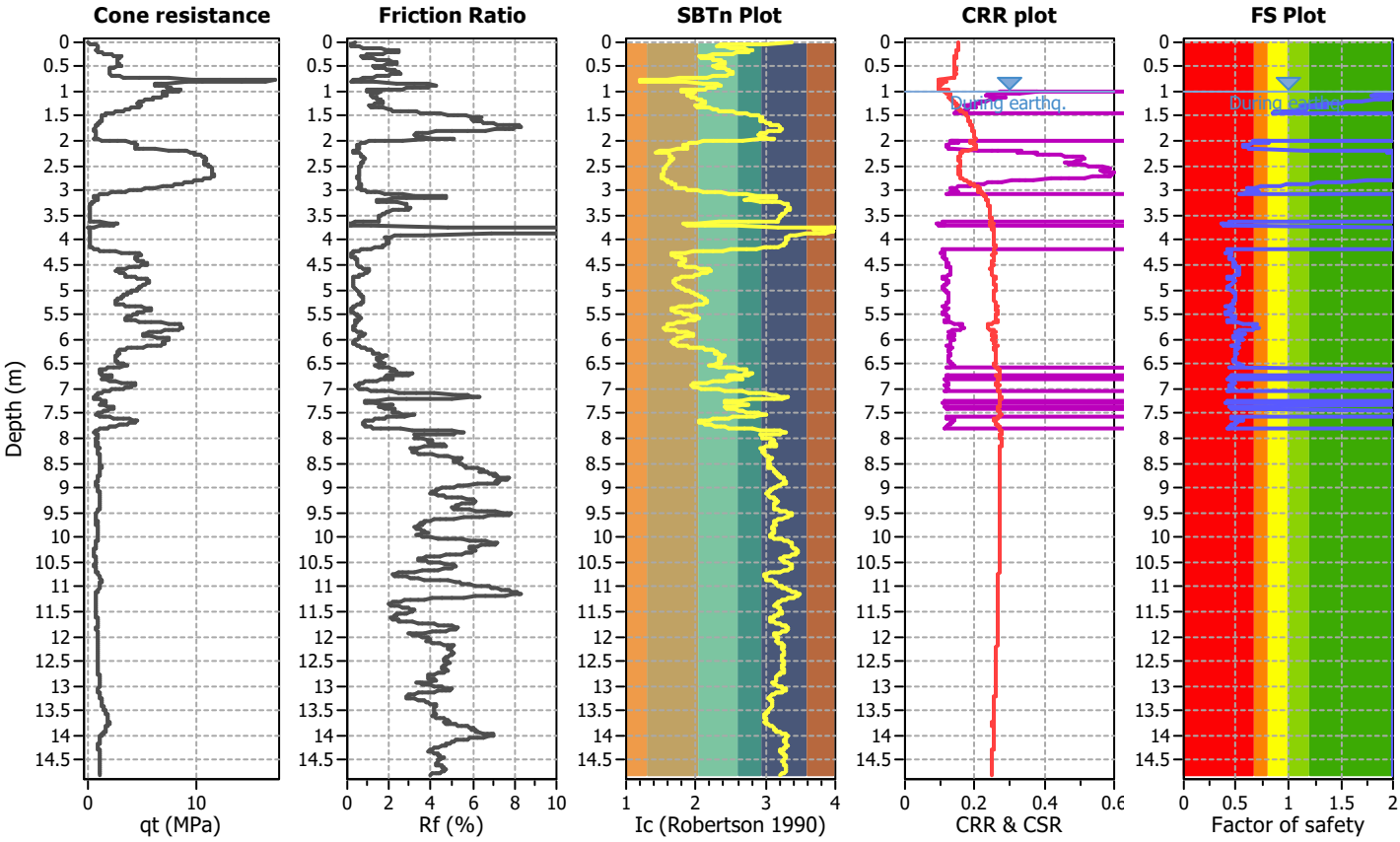
LIQUEFACTION ANALYSIS REPORT

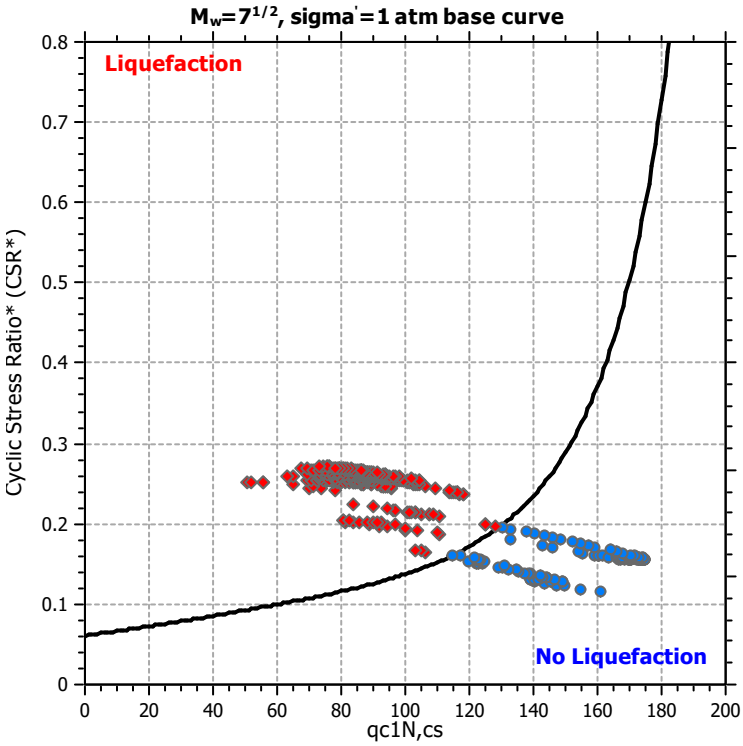
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

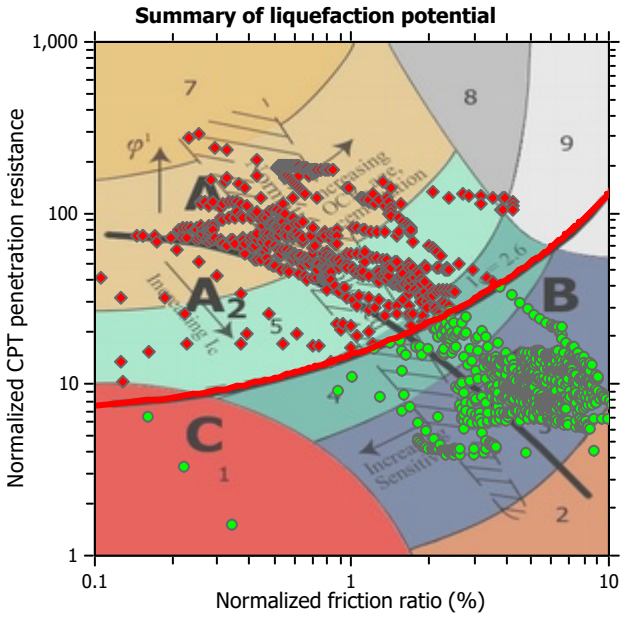
CPT file : 040008P1021CPTU1022

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

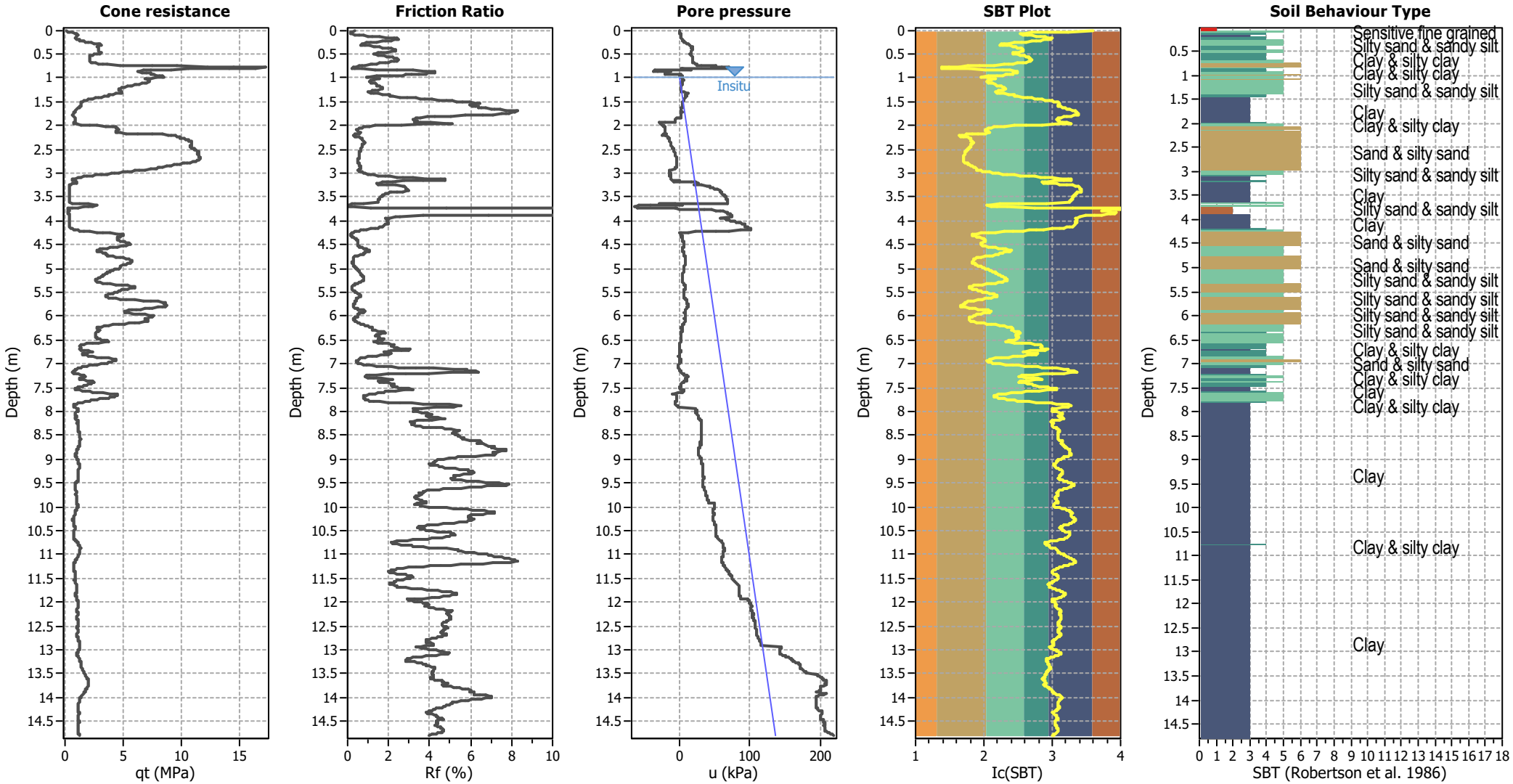






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



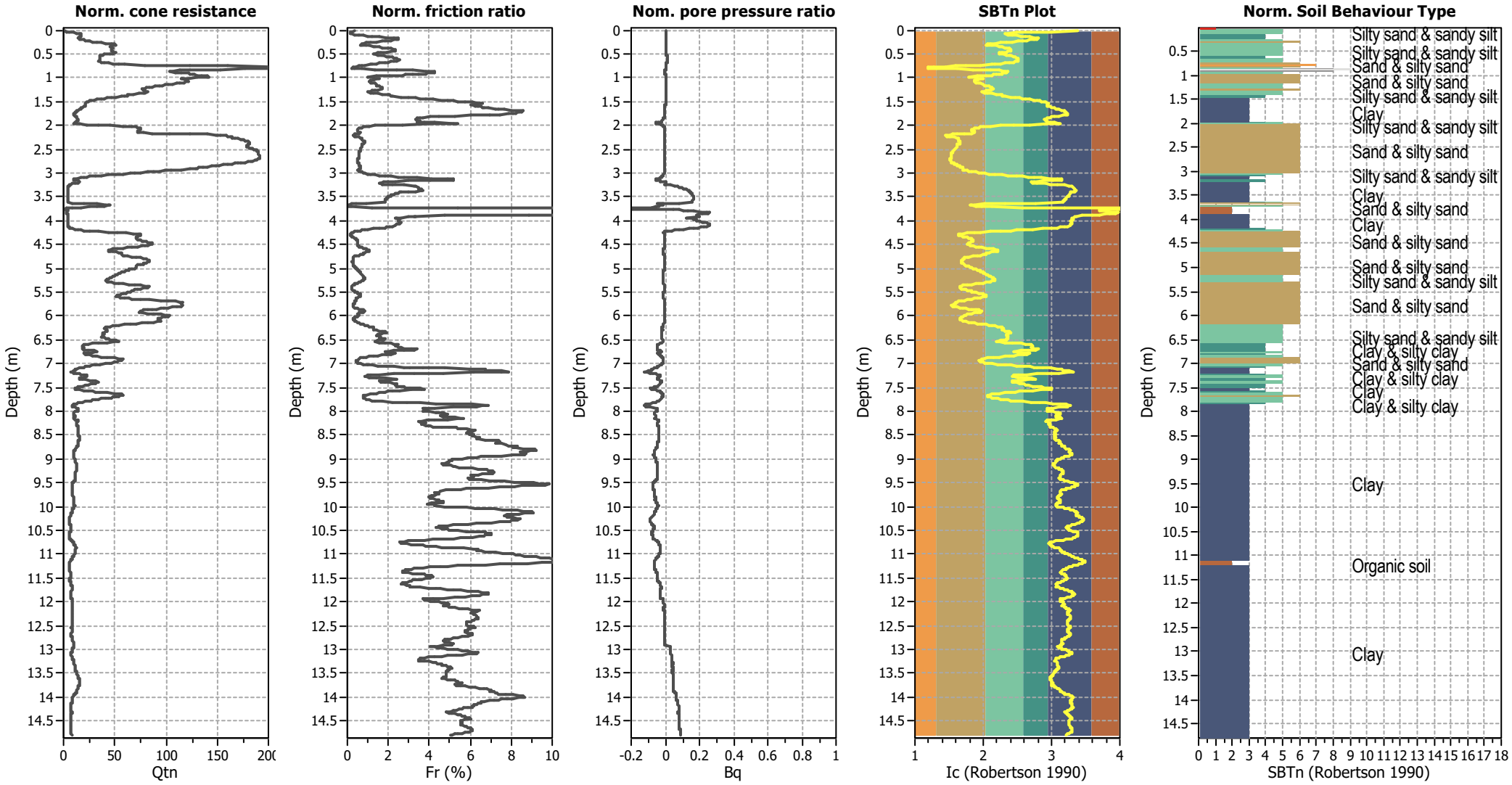
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



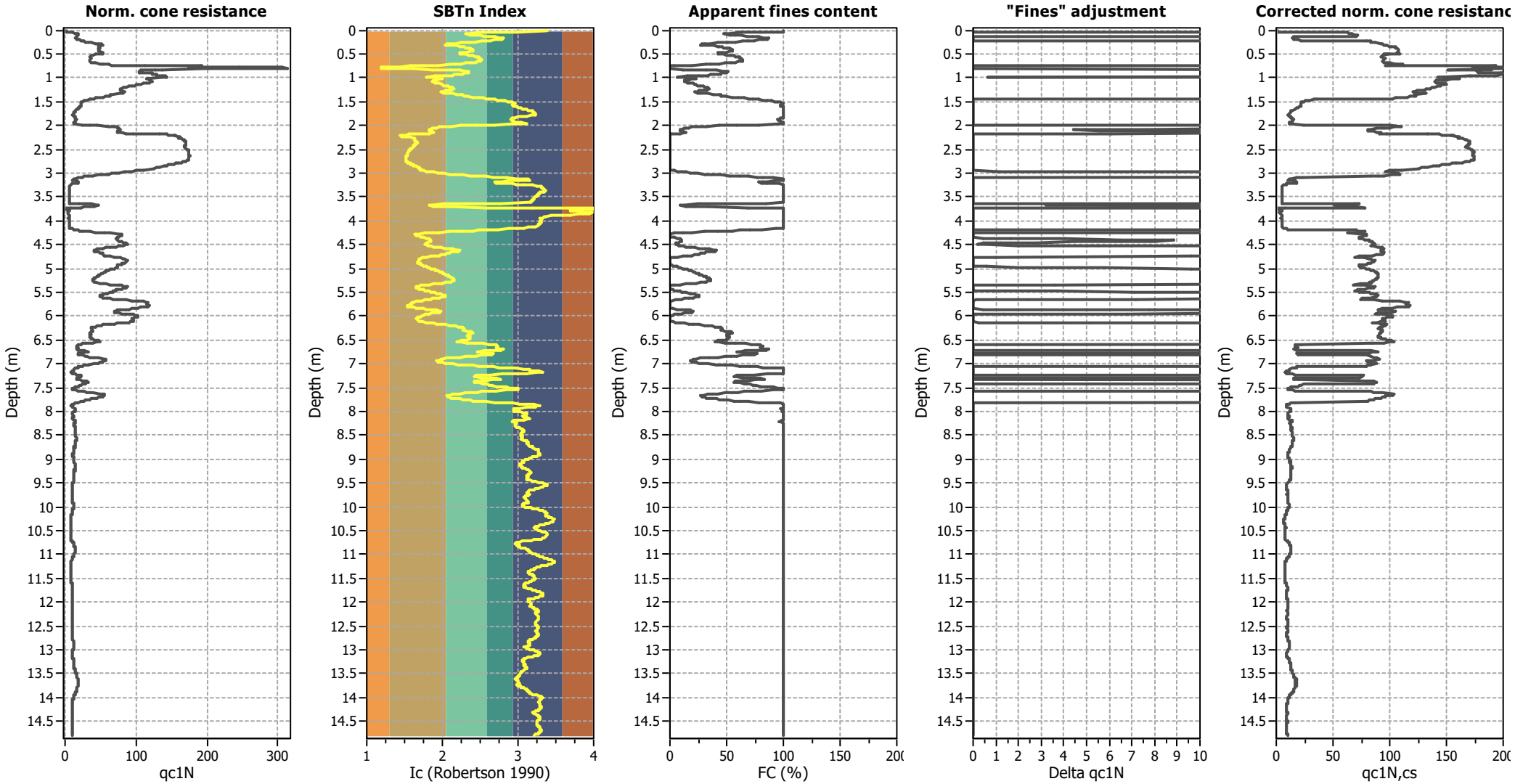
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

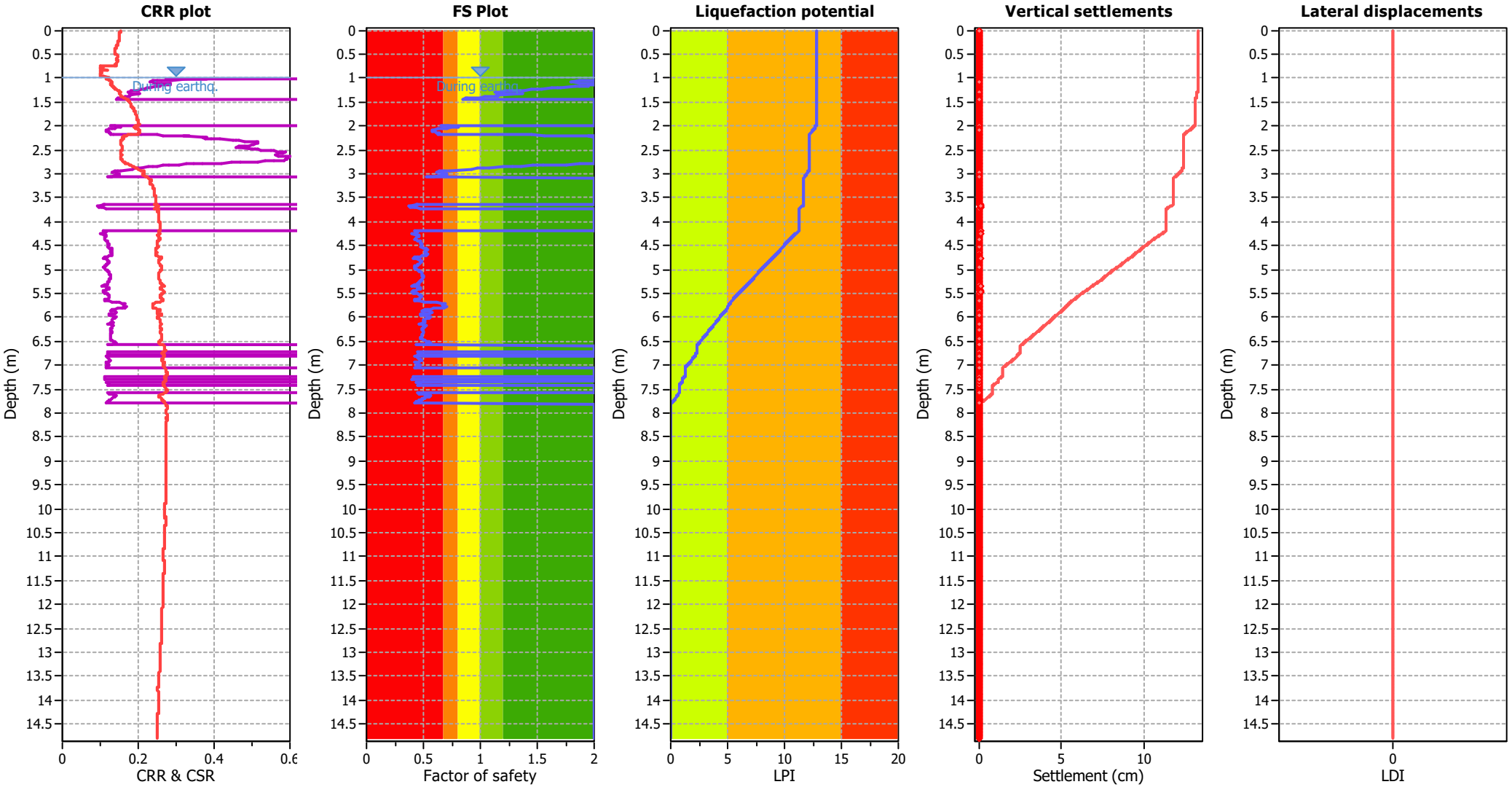
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

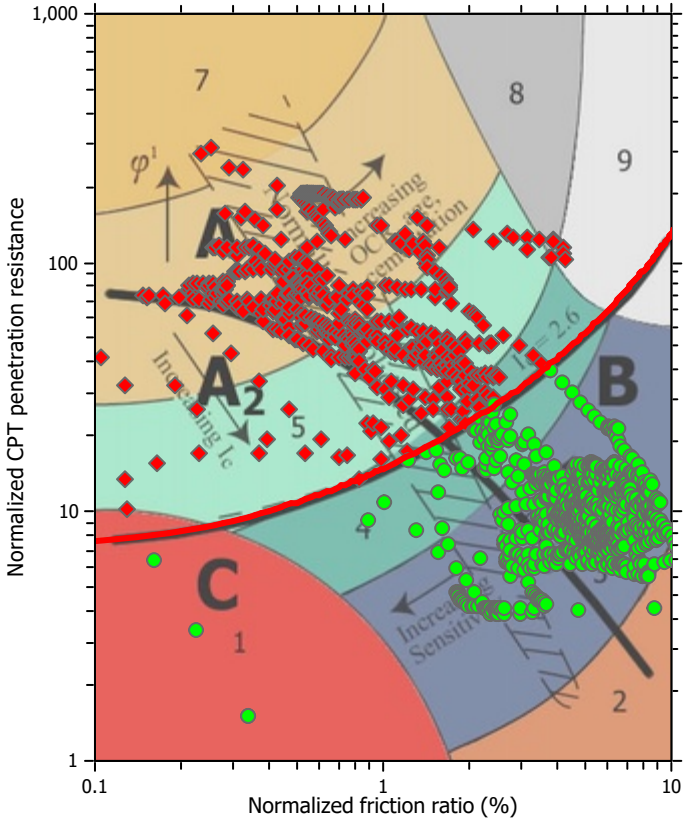
F.S. color scheme

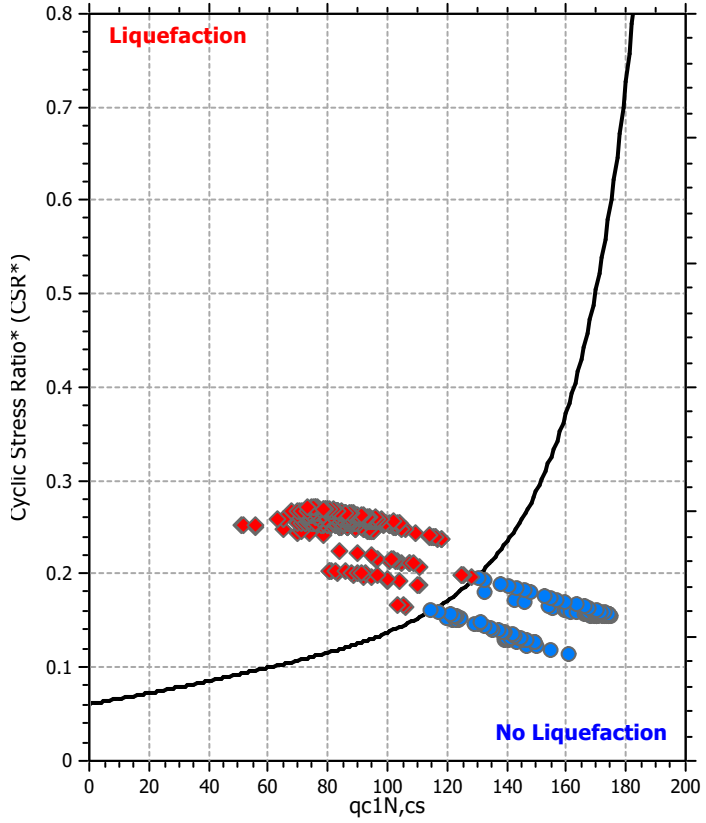
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

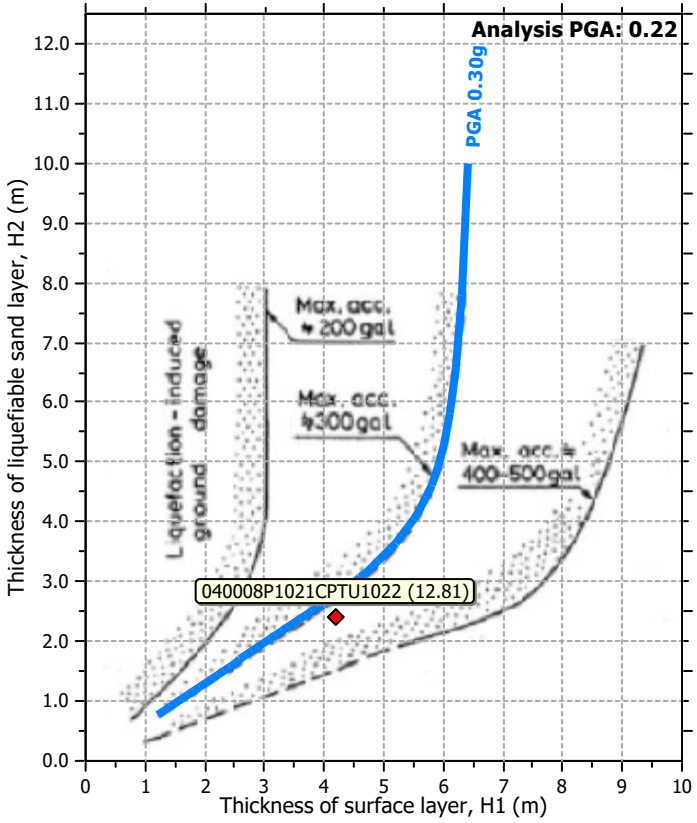
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



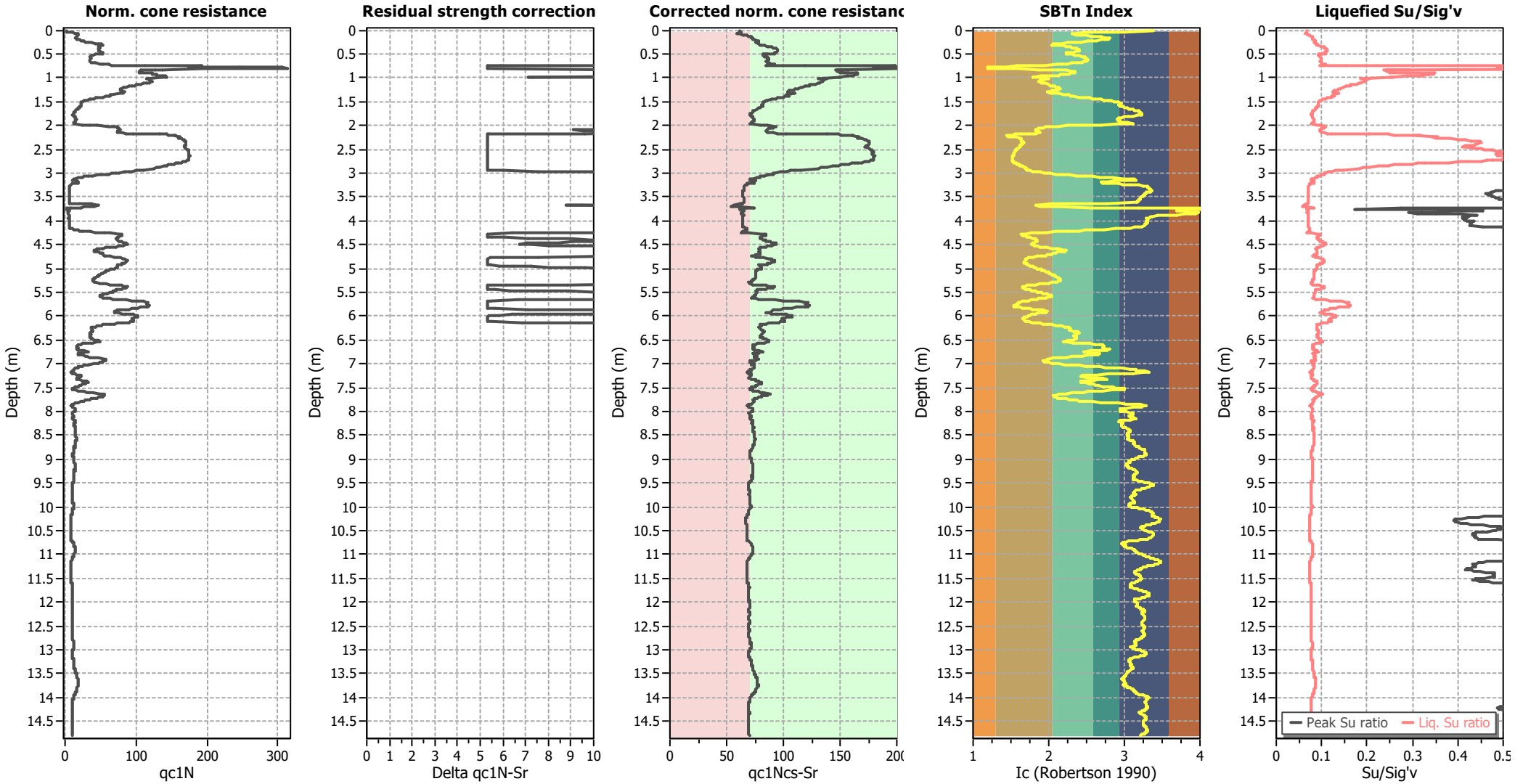




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	1.87	0.00	0.00	0.01	0.00
1.07	1.80	0.00	0.00	0.01	0.00	1.08	1.79	0.00	0.00	0.01	0.00
1.09	1.82	0.00	0.00	0.01	0.00	1.10	1.87	0.00	0.00	0.01	0.00
1.11	2.00	0.00	0.00	0.01	0.00	1.12	2.00	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	1.95	0.00	0.00	0.01	0.00	1.16	1.96	0.00	0.00	0.01	0.00
1.17	1.87	0.00	0.00	0.01	0.00	1.18	1.83	0.00	0.00	0.01	0.00
1.19	1.70	0.00	0.00	0.01	0.00	1.20	1.68	0.00	0.00	0.01	0.00
1.21	1.63	0.00	0.00	0.01	0.00	1.22	1.54	0.00	0.00	0.01	0.00
1.23	1.51	0.00	0.00	0.01	0.00	1.24	1.44	0.00	0.00	0.01	0.00
1.25	1.38	0.00	0.00	0.01	0.00	1.26	1.35	0.00	0.00	0.01	0.00
1.27	1.22	0.00	0.00	0.01	0.00	1.28	1.17	0.00	0.00	0.01	0.00
1.29	1.19	0.00	0.00	0.01	0.00	1.30	1.12	0.00	0.00	0.01	0.00
1.31	1.20	0.00	0.00	0.01	0.00	1.32	1.21	0.00	0.00	0.01	0.00
1.33	1.37	0.00	0.00	0.01	0.00	1.34	1.15	0.00	0.00	0.01	0.00
1.35	1.17	0.00	0.00	0.01	0.00	1.36	1.14	0.00	0.00	0.01	0.00
1.37	1.15	0.00	0.00	0.01	0.00	1.38	1.12	0.00	0.00	0.01	0.00
1.39	1.04	0.00	0.00	0.01	0.00	1.40	1.00	0.00	0.00	0.01	0.00
1.41	0.89	0.00	0.00	0.01	0.01	1.42	0.87	0.00	0.00	0.01	0.01
1.43	0.85	0.00	0.00	0.01	0.01	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	2.00	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	2.00	0.00	0.00	0.01	0.00
1.57	2.00	0.00	0.00	0.01	0.00	1.58	2.00	0.00	0.00	0.01	0.00
1.59	2.00	0.00	0.00	0.01	0.00	1.60	2.00	0.00	0.00	0.01	0.00
1.61	2.00	0.00	0.00	0.01	0.00	1.62	2.00	0.00	0.00	0.01	0.00
1.63	2.00	0.00	0.00	0.01	0.00	1.64	2.00	0.00	0.00	0.01	0.00
1.65	2.00	0.00	0.00	0.01	0.00	1.66	2.00	0.00	0.00	0.01	0.00
1.67	2.00	0.00	0.00	0.01	0.00	1.68	2.00	0.00	0.00	0.01	0.00
1.69	2.00	0.00	0.00	0.01	0.00	1.70	2.00	0.00	0.00	0.01	0.00
1.71	2.00	0.00	0.00	0.01	0.00	1.72	2.00	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	2.00	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	2.00	0.00	0.00	0.01	0.00	1.80	2.00	0.00	0.00	0.01	0.00
1.81	2.00	0.00	0.00	0.01	0.00	1.82	2.00	0.00	0.00	0.01	0.00
1.83	2.00	0.00	0.00	0.01	0.00	1.84	2.00	0.00	0.00	0.01	0.00
1.85	2.00	0.00	0.00	0.01	0.00	1.86	2.00	0.00	0.00	0.01	0.00
1.87	2.00	0.00	0.00	0.01	0.00	1.88	2.00	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	2.00	0.00	0.00	0.01	0.00	1.94	2.00	0.00	0.00	0.01	0.00
1.95	2.00	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	0.65	0.00	0.00	0.01	0.03	2.00	0.71	0.00	0.00	0.01	0.03
2.01	0.81	0.00	0.00	0.01	0.02	2.02	0.81	0.00	0.00	0.01	0.02
2.03	0.74	0.00	0.00	0.01	0.02	2.04	0.71	0.00	0.00	0.01	0.03
2.05	0.66	0.00	0.00	0.01	0.03	2.06	0.62	0.00	0.00	0.01	0.03
2.07	0.59	0.00	0.00	0.01	0.04	2.08	0.58	0.00	0.00	0.01	0.04
2.09	0.57	0.00	0.00	0.01	0.04	2.10	0.57	0.00	0.00	0.01	0.04
2.11	0.58	0.00	0.00	0.01	0.04	2.12	0.60	0.00	0.00	0.01	0.04
2.13	0.61	0.00	0.00	0.01	0.03	2.14	0.62	0.00	0.00	0.01	0.03
2.15	0.64	0.00	0.00	0.01	0.03	2.16	0.63	0.00	0.00	0.01	0.03
2.17	0.67	0.00	0.00	0.01	0.03	2.18	1.16	0.00	0.00	0.01	0.00
2.19	1.45	0.00	0.00	0.01	0.00	2.20	1.56	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	1.95	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	2.00	0.00	0.00	0.01	0.00
2.33	2.00	0.00	0.00	0.01	0.00	2.34	2.00	0.00	0.00	0.01	0.00
2.35	2.00	0.00	0.00	0.01	0.00	2.36	2.00	0.00	0.00	0.01	0.00
2.37	2.00	0.00	0.00	0.01	0.00	2.38	2.00	0.00	0.00	0.01	0.00
2.39	2.00	0.00	0.00	0.01	0.00	2.40	2.00	0.00	0.00	0.01	0.00
2.41	2.00	0.00	0.00	0.01	0.00	2.42	2.00	0.00	0.00	0.01	0.00
2.43	2.00	0.00	0.00	0.01	0.00	2.44	2.00	0.00	0.00	0.01	0.00
2.45	2.00	0.00	0.00	0.01	0.00	2.46	2.00	0.00	0.00	0.01	0.00
2.47	2.00	0.00	0.00	0.01	0.00	2.48	2.00	0.00	0.00	0.01	0.00
2.49	2.00	0.00	0.00	0.01	0.00	2.50	2.00	0.00	0.00	0.01	0.00
2.51	2.00	0.00	0.00	0.01	0.00	2.52	2.00	0.00	0.00	0.01	0.00
2.53	2.00	0.00	0.00	0.01	0.00	2.54	2.00	0.00	0.00	0.01	0.00
2.55	2.00	0.00	0.00	0.01	0.00	2.56	2.00	0.00	0.00	0.01	0.00
2.57	2.00	0.00	0.00	0.01	0.00	2.58	2.00	0.00	0.00	0.01	0.00
2.59	2.00	0.00	0.00	0.01	0.00	2.60	2.00	0.00	0.00	0.01	0.00
2.61	2.00	0.00	0.00	0.01	0.00	2.62	2.00	0.00	0.00	0.01	0.00
2.63	2.00	0.00	0.00	0.01	0.00	2.64	2.00	0.00	0.00	0.01	0.00
2.65	2.00	0.00	0.00	0.01	0.00	2.66	2.00	0.00	0.00	0.01	0.00
2.67	2.00	0.00	0.00	0.01	0.00	2.68	2.00	0.00	0.00	0.01	0.00
2.69	2.00	0.00	0.00	0.01	0.00	2.70	2.00	0.00	0.00	0.01	0.00
2.71	2.00	0.00	0.00	0.01	0.00	2.72	2.00	0.00	0.00	0.01	0.00
2.73	2.00	0.00	0.00	0.01	0.00	2.74	2.00	0.00	0.00	0.01	0.00
2.75	2.00	0.00	0.00	0.01	0.00	2.76	2.00	0.00	0.00	0.01	0.00
2.77	2.00	0.00	0.00	0.01	0.00	2.78	2.00	0.00	0.00	0.01	0.00
2.79	2.00	0.00	0.00	0.01	0.00	2.80	1.88	0.00	0.00	0.01	0.00
2.81	1.75	0.00	0.00	0.01	0.00	2.82	1.55	0.00	0.00	0.01	0.00
2.83	1.46	0.00	0.00	0.01	0.00	2.84	1.37	0.00	0.00	0.01	0.00
2.85	1.28	0.00	0.00	0.01	0.00	2.86	1.20	0.00	0.00	0.01	0.00
2.87	1.08	0.00	0.00	0.01	0.00	2.88	1.03	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.98	0.00	0.00	0.01	0.00	2.90	0.93	0.00	0.00	0.01	0.01
2.91	0.93	0.00	0.00	0.01	0.01	2.92	0.92	0.00	0.00	0.01	0.01
2.93	0.74	0.00	0.00	0.01	0.02	2.94	0.68	0.00	0.00	0.01	0.03
2.95	0.64	0.00	0.00	0.01	0.03	2.96	0.61	0.00	0.00	0.01	0.03
2.97	0.62	0.00	0.00	0.01	0.03	2.98	0.66	0.00	0.00	0.01	0.03
2.99	0.66	0.00	0.00	0.01	0.03	3.00	0.70	0.00	0.00	0.01	0.03
3.01	0.70	0.00	0.00	0.01	0.03	3.02	0.71	0.00	0.00	0.01	0.02
3.03	0.65	0.00	0.00	0.01	0.03	3.04	0.65	0.00	0.00	0.01	0.03
3.05	0.59	0.00	0.00	0.01	0.03	3.06	0.57	0.00	0.00	0.01	0.04
3.07	0.53	0.00	0.00	0.01	0.04	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	2.00	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	2.00	0.00	0.00	0.01	0.00
3.61	2.00	0.00	0.00	0.01	0.00	3.62	2.00	0.00	0.00	0.01	0.00
3.63	2.00	0.00	0.00	0.01	0.00	3.64	0.44	0.00	0.00	0.01	0.05
3.65	0.45	0.00	0.00	0.01	0.04	3.66	0.38	0.00	0.00	0.01	0.05
3.67	0.37	0.00	0.00	0.01	0.05	3.68	0.37	0.00	0.00	0.01	0.05
3.69	0.38	0.00	0.00	0.01	0.05	3.70	0.42	0.00	0.00	0.01	0.05
3.71	0.44	0.00	0.00	0.01	0.05	3.72	0.47	0.00	0.00	0.01	0.04
3.73	2.00	0.00	0.00	0.01	0.00	3.74	2.00	0.00	0.00	0.01	0.00
3.75	2.00	0.00	0.00	0.01	0.00	3.76	2.00	0.00	0.00	0.01	0.00
3.77	2.00	0.00	0.00	0.01	0.00	3.78	2.00	0.00	0.00	0.01	0.00
3.79	2.00	0.00	0.00	0.01	0.00	3.80	2.00	0.00	0.00	0.01	0.00
3.81	2.00	0.00	0.00	0.01	0.00	3.82	2.00	0.00	0.00	0.01	0.00
3.83	2.00	0.00	0.00	0.01	0.00	3.84	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	2.00	0.00	0.00	0.01	0.00	3.86	2.00	0.00	0.00	0.01	0.00
3.87	2.00	0.00	0.00	0.01	0.00	3.88	2.00	0.00	0.00	0.01	0.00
3.89	2.00	0.00	0.00	0.01	0.00	3.90	2.00	0.00	0.00	0.01	0.00
3.91	2.00	0.00	0.00	0.01	0.00	3.92	2.00	0.00	0.00	0.01	0.00
3.93	2.00	0.00	0.00	0.01	0.00	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	2.00	0.00	0.00	0.01	0.00
3.99	2.00	0.00	0.00	0.01	0.00	4.00	2.00	0.00	0.00	0.01	0.00
4.01	2.00	0.00	0.00	0.01	0.00	4.02	2.00	0.00	0.00	0.01	0.00
4.03	2.00	0.00	0.00	0.01	0.00	4.04	2.00	0.00	0.00	0.01	0.00
4.05	2.00	0.00	0.00	0.01	0.00	4.06	2.00	0.00	0.00	0.01	0.00
4.07	2.00	0.00	0.00	0.01	0.00	4.08	2.00	0.00	0.00	0.01	0.00
4.09	2.00	0.00	0.00	0.01	0.00	4.10	2.00	0.00	0.00	0.01	0.00
4.11	2.00	0.00	0.00	0.01	0.00	4.12	2.00	0.00	0.00	0.01	0.00
4.13	2.00	0.00	0.00	0.01	0.00	4.14	2.00	0.00	0.00	0.01	0.00
4.15	2.00	0.00	0.00	0.01	0.00	4.16	2.00	0.00	0.00	0.01	0.00
4.17	2.00	0.00	0.00	0.01	0.00	4.18	2.00	0.00	0.00	0.01	0.00
4.19	0.42	0.58	0.40	0.01	0.05	4.20	0.42	0.58	0.40	0.01	0.05
4.21	0.43	0.57	0.41	0.01	0.04	4.22	0.43	0.57	0.41	0.01	0.04
4.23	0.45	0.55	0.43	0.01	0.04	4.24	0.43	0.57	0.41	0.01	0.05
4.25	0.40	0.60	0.39	0.01	0.05	4.26	0.39	0.61	0.38	0.01	0.05
4.27	0.44	0.56	0.42	0.01	0.04	4.28	0.45	0.55	0.43	0.01	0.04
4.29	0.46	0.54	0.44	0.01	0.04	4.30	0.46	0.54	0.44	0.01	0.04
4.31	0.45	0.55	0.43	0.01	0.04	4.32	0.44	0.56	0.42	0.01	0.04
4.33	0.44	0.56	0.42	0.01	0.04	4.34	0.44	0.56	0.41	0.01	0.04
4.35	0.43	0.57	0.41	0.01	0.04	4.36	0.43	0.57	0.41	0.01	0.04
4.37	0.43	0.57	0.41	0.01	0.04	4.38	0.44	0.56	0.42	0.01	0.04
4.39	0.45	0.55	0.43	0.01	0.04	4.40	0.46	0.54	0.44	0.01	0.04
4.41	0.47	0.53	0.45	0.01	0.04	4.42	0.47	0.53	0.45	0.01	0.04
4.43	0.48	0.52	0.45	0.01	0.04	4.44	0.48	0.52	0.45	0.01	0.04
4.45	0.48	0.52	0.45	0.01	0.04	4.46	0.48	0.52	0.45	0.01	0.04
4.47	0.49	0.51	0.47	0.01	0.04	4.48	0.49	0.51	0.47	0.01	0.04
4.49	0.49	0.51	0.47	0.01	0.04	4.50	0.49	0.51	0.46	0.01	0.04
4.51	0.47	0.53	0.45	0.01	0.04	4.52	0.47	0.53	0.45	0.01	0.04
4.53	0.48	0.52	0.46	0.01	0.04	4.54	0.50	0.50	0.48	0.01	0.04
4.55	0.50	0.50	0.48	0.01	0.04	4.56	0.52	0.48	0.51	0.01	0.04
4.57	0.53	0.47	0.52	0.01	0.04	4.58	0.54	0.46	0.53	0.01	0.04
4.59	0.52	0.48	0.50	0.01	0.04	4.60	0.52	0.48	0.51	0.01	0.04
4.61	0.52	0.48	0.50	0.01	0.04	4.62	0.52	0.48	0.50	0.01	0.04
4.63	0.52	0.48	0.50	0.01	0.04	4.64	0.52	0.48	0.51	0.01	0.04
4.65	0.53	0.47	0.51	0.01	0.04	4.66	0.53	0.47	0.52	0.01	0.04
4.67	0.53	0.47	0.52	0.01	0.04	4.68	0.53	0.47	0.52	0.01	0.04
4.69	0.53	0.47	0.52	0.01	0.04	4.70	0.52	0.48	0.51	0.01	0.04
4.71	0.51	0.49	0.49	0.01	0.04	4.72	0.49	0.51	0.47	0.01	0.04
4.73	0.47	0.53	0.45	0.01	0.04	4.74	0.44	0.56	0.42	0.01	0.04
4.75	0.42	0.58	0.40	0.01	0.04	4.76	0.41	0.59	0.39	0.01	0.05
4.77	0.42	0.58	0.40	0.01	0.04	4.78	0.44	0.56	0.42	0.01	0.04
4.79	0.46	0.54	0.44	0.01	0.04	4.80	0.46	0.54	0.44	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.47	0.53	0.44	0.01	0.04	4.82	0.47	0.53	0.45	0.01	0.04
4.83	0.48	0.52	0.45	0.01	0.04	4.84	0.48	0.52	0.46	0.01	0.04
4.85	0.48	0.52	0.46	0.01	0.04	4.86	0.48	0.52	0.45	0.01	0.04
4.87	0.47	0.53	0.45	0.01	0.04	4.88	0.47	0.53	0.44	0.01	0.04
4.89	0.46	0.54	0.44	0.01	0.04	4.90	0.45	0.55	0.43	0.01	0.04
4.91	0.45	0.55	0.43	0.01	0.04	4.92	0.45	0.55	0.43	0.01	0.04
4.93	0.42	0.58	0.40	0.01	0.04	4.94	0.42	0.58	0.40	0.01	0.04
4.95	0.42	0.58	0.40	0.01	0.04	4.96	0.42	0.58	0.40	0.01	0.04
4.97	0.42	0.58	0.40	0.01	0.04	4.98	0.43	0.57	0.41	0.01	0.04
4.99	0.43	0.57	0.41	0.01	0.04	5.00	0.44	0.56	0.42	0.01	0.04
5.01	0.44	0.56	0.42	0.01	0.04	5.02	0.46	0.54	0.43	0.01	0.04
5.03	0.46	0.54	0.44	0.01	0.04	5.04	0.47	0.53	0.45	0.01	0.04
5.05	0.47	0.53	0.45	0.01	0.04	5.06	0.48	0.52	0.46	0.01	0.04
5.07	0.48	0.52	0.46	0.01	0.04	5.08	0.49	0.51	0.47	0.01	0.04
5.09	0.49	0.51	0.46	0.01	0.04	5.10	0.49	0.51	0.47	0.01	0.04
5.11	0.49	0.51	0.47	0.01	0.04	5.12	0.49	0.51	0.47	0.01	0.04
5.13	0.49	0.51	0.47	0.01	0.04	5.14	0.49	0.51	0.47	0.01	0.04
5.15	0.50	0.50	0.47	0.01	0.04	5.16	0.49	0.51	0.47	0.01	0.04
5.17	0.50	0.50	0.47	0.01	0.04	5.18	0.49	0.51	0.47	0.01	0.04
5.19	0.49	0.51	0.47	0.01	0.04	5.20	0.49	0.51	0.46	0.01	0.04
5.21	0.48	0.52	0.46	0.01	0.04	5.22	0.48	0.52	0.45	0.01	0.04
5.23	0.48	0.52	0.45	0.01	0.04	5.24	0.47	0.53	0.45	0.01	0.04
5.25	0.47	0.53	0.45	0.01	0.04	5.26	0.47	0.53	0.44	0.01	0.04
5.27	0.47	0.53	0.44	0.01	0.04	5.28	0.46	0.54	0.44	0.01	0.04
5.29	0.46	0.54	0.44	0.01	0.04	5.30	0.45	0.55	0.43	0.01	0.04
5.31	0.46	0.54	0.43	0.01	0.04	5.32	0.44	0.56	0.41	0.01	0.04
5.33	0.42	0.58	0.40	0.01	0.04	5.34	0.39	0.61	0.38	0.01	0.04
5.35	0.42	0.58	0.40	0.01	0.04	5.36	0.44	0.56	0.41	0.01	0.04
5.37	0.45	0.55	0.43	0.01	0.04	5.38	0.47	0.53	0.44	0.01	0.04
5.39	0.47	0.53	0.45	0.01	0.04	5.40	0.47	0.53	0.45	0.01	0.04
5.41	0.46	0.54	0.43	0.01	0.04	5.42	0.45	0.55	0.42	0.01	0.04
5.43	0.44	0.56	0.41	0.01	0.04	5.44	0.42	0.58	0.40	0.01	0.04
5.45	0.41	0.59	0.39	0.01	0.04	5.46	0.40	0.60	0.39	0.01	0.04
5.47	0.40	0.60	0.38	0.01	0.04	5.48	0.41	0.59	0.39	0.01	0.04
5.49	0.41	0.59	0.40	0.01	0.04	5.50	0.43	0.57	0.41	0.01	0.04
5.51	0.45	0.55	0.42	0.01	0.04	5.52	0.46	0.54	0.43	0.01	0.04
5.53	0.47	0.53	0.45	0.01	0.04	5.54	0.48	0.52	0.46	0.01	0.04
5.55	0.48	0.52	0.46	0.01	0.04	5.56	0.48	0.52	0.46	0.01	0.04
5.57	0.48	0.52	0.46	0.01	0.04	5.58	0.48	0.52	0.46	0.01	0.04
5.59	0.48	0.52	0.45	0.01	0.04	5.60	0.47	0.53	0.45	0.01	0.04
5.61	0.45	0.55	0.43	0.01	0.04	5.62	0.44	0.56	0.42	0.01	0.04
5.63	0.42	0.58	0.40	0.01	0.04	5.64	0.42	0.58	0.40	0.01	0.04
5.65	0.42	0.58	0.40	0.01	0.04	5.66	0.47	0.53	0.44	0.01	0.04
5.67	0.51	0.49	0.49	0.01	0.04	5.68	0.57	0.43	0.57	0.01	0.03
5.69	0.62	0.38	0.67	0.01	0.03	5.70	0.66	0.00	0.00	0.01	0.02
5.71	0.69	0.00	0.00	0.01	0.02	5.72	0.68	0.00	0.00	0.01	0.02
5.73	0.68	0.00	0.00	0.01	0.02	5.74	0.67	0.00	0.00	0.01	0.02
5.75	0.68	0.00	0.00	0.01	0.02	5.76	0.68	0.00	0.00	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.71	0.00	0.00	0.01	0.02	5.78	0.70	0.00	0.00	0.01	0.02
5.79	0.69	0.00	0.00	0.01	0.02	5.80	0.66	0.00	0.00	0.01	0.02
5.81	0.59	0.41	0.61	0.01	0.03	5.82	0.56	0.44	0.56	0.01	0.03
5.83	0.53	0.47	0.52	0.01	0.03	5.84	0.51	0.49	0.49	0.01	0.03
5.85	0.49	0.51	0.46	0.01	0.04	5.86	0.50	0.50	0.48	0.01	0.04
5.87	0.52	0.48	0.50	0.01	0.03	5.88	0.55	0.45	0.55	0.01	0.03
5.89	0.56	0.44	0.57	0.01	0.03	5.90	0.57	0.43	0.58	0.01	0.03
5.91	0.58	0.42	0.59	0.01	0.03	5.92	0.55	0.45	0.55	0.01	0.03
5.93	0.50	0.50	0.48	0.01	0.04	5.94	0.48	0.52	0.46	0.01	0.04
5.95	0.47	0.53	0.45	0.01	0.04	5.96	0.47	0.53	0.45	0.01	0.04
5.97	0.52	0.48	0.50	0.01	0.03	5.98	0.54	0.46	0.52	0.01	0.03
5.99	0.55	0.45	0.54	0.01	0.03	6.00	0.56	0.44	0.56	0.01	0.03
6.01	0.56	0.44	0.56	0.01	0.03	6.02	0.54	0.46	0.53	0.01	0.03
6.03	0.53	0.47	0.51	0.01	0.03	6.04	0.52	0.48	0.50	0.01	0.03
6.05	0.51	0.49	0.49	0.01	0.03	6.06	0.50	0.50	0.48	0.01	0.03
6.07	0.50	0.50	0.48	0.01	0.03	6.08	0.51	0.49	0.49	0.01	0.03
6.09	0.51	0.49	0.49	0.01	0.03	6.10	0.52	0.48	0.50	0.01	0.03
6.11	0.51	0.49	0.49	0.01	0.03	6.12	0.50	0.50	0.47	0.01	0.04
6.13	0.48	0.52	0.45	0.01	0.04	6.14	0.46	0.54	0.43	0.01	0.04
6.15	0.48	0.52	0.46	0.01	0.04	6.16	0.50	0.50	0.48	0.01	0.03
6.17	0.52	0.48	0.51	0.01	0.03	6.18	0.51	0.49	0.49	0.01	0.03
6.19	0.52	0.48	0.50	0.01	0.03	6.20	0.51	0.49	0.49	0.01	0.03
6.21	0.50	0.50	0.48	0.01	0.03	6.22	0.50	0.50	0.48	0.01	0.03
6.23	0.49	0.51	0.46	0.01	0.04	6.24	0.49	0.51	0.46	0.01	0.04
6.25	0.48	0.52	0.46	0.01	0.04	6.26	0.48	0.52	0.46	0.01	0.04
6.27	0.49	0.51	0.46	0.01	0.04	6.28	0.49	0.51	0.47	0.01	0.03
6.29	0.50	0.50	0.48	0.01	0.03	6.30	0.50	0.50	0.48	0.01	0.03
6.31	0.50	0.50	0.48	0.01	0.03	6.32	0.50	0.50	0.48	0.01	0.03
6.33	0.50	0.50	0.48	0.01	0.03	6.34	0.49	0.51	0.47	0.01	0.03
6.35	0.49	0.51	0.47	0.01	0.03	6.36	0.49	0.51	0.46	0.01	0.03
6.37	0.49	0.51	0.46	0.01	0.03	6.38	0.48	0.52	0.46	0.01	0.04
6.39	0.49	0.51	0.46	0.01	0.04	6.40	0.48	0.52	0.46	0.01	0.04
6.41	0.48	0.52	0.46	0.01	0.04	6.42	0.48	0.52	0.45	0.01	0.04
6.43	0.48	0.52	0.45	0.01	0.04	6.44	0.48	0.52	0.46	0.01	0.04
6.45	0.49	0.51	0.47	0.01	0.03	6.46	0.49	0.51	0.47	0.01	0.03
6.47	0.50	0.50	0.48	0.01	0.03	6.48	0.51	0.49	0.48	0.01	0.03
6.49	0.51	0.49	0.49	0.01	0.03	6.50	0.52	0.48	0.51	0.01	0.03
6.51	0.54	0.46	0.53	0.01	0.03	6.52	0.55	0.45	0.54	0.01	0.03
6.53	0.56	0.44	0.56	0.01	0.03	6.54	0.56	0.44	0.55	0.01	0.03
6.55	0.54	0.46	0.53	0.01	0.03	6.56	0.51	0.49	0.49	0.01	0.03
6.57	0.46	0.54	0.43	0.01	0.04	6.58	0.44	0.56	0.42	0.01	0.04
6.59	2.00	0.00	0.00	0.01	0.00	6.60	2.00	0.00	0.00	0.01	0.00
6.61	2.00	0.00	0.00	0.01	0.00	6.62	2.00	0.00	0.00	0.01	0.00
6.63	2.00	0.00	0.00	0.01	0.00	6.64	2.00	0.00	0.00	0.01	0.00
6.65	2.00	0.00	0.00	0.01	0.00	6.66	2.00	0.00	0.00	0.01	0.00
6.67	2.00	0.00	0.00	0.01	0.00	6.68	2.00	0.00	0.00	0.01	0.00
6.69	2.00	0.00	0.00	0.01	0.00	6.70	2.00	0.00	0.00	0.01	0.00
6.71	2.00	0.00	0.00	0.01	0.00	6.72	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.45	0.55	0.43	0.01	0.04	6.74	0.48	0.52	0.45	0.01	0.03
6.75	0.47	0.53	0.44	0.01	0.04	6.76	0.46	0.54	0.43	0.01	0.04
6.77	0.44	0.56	0.42	0.01	0.04	6.78	2.00	0.00	0.00	0.01	0.00
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	0.42	0.58	0.40	0.01	0.04	6.82	0.43	0.57	0.41	0.01	0.04
6.83	0.45	0.55	0.42	0.01	0.04	6.84	0.45	0.55	0.42	0.01	0.04
6.85	0.45	0.55	0.43	0.01	0.04	6.86	0.46	0.54	0.43	0.01	0.04
6.87	0.47	0.53	0.45	0.01	0.03	6.88	0.47	0.53	0.45	0.01	0.03
6.89	0.49	0.51	0.46	0.01	0.03	6.90	0.48	0.52	0.45	0.01	0.03
6.91	0.48	0.52	0.45	0.01	0.03	6.92	0.46	0.54	0.44	0.01	0.04
6.93	0.44	0.56	0.42	0.01	0.04	6.94	0.43	0.57	0.41	0.01	0.04
6.95	0.44	0.56	0.41	0.01	0.04	6.96	0.45	0.55	0.42	0.01	0.04
6.97	0.45	0.55	0.42	0.01	0.04	6.98	0.45	0.55	0.43	0.01	0.04
6.99	0.46	0.54	0.43	0.01	0.04	7.00	0.47	0.53	0.44	0.01	0.03
7.01	0.44	0.56	0.42	0.01	0.04	7.02	0.44	0.56	0.42	0.01	0.04
7.03	0.44	0.56	0.42	0.01	0.04	7.04	0.43	0.57	0.41	0.01	0.04
7.05	0.42	0.58	0.40	0.01	0.04	7.06	2.00	0.00	0.00	0.01	0.00
7.07	2.00	0.00	0.00	0.01	0.00	7.08	2.00	0.00	0.00	0.01	0.00
7.09	2.00	0.00	0.00	0.01	0.00	7.10	2.00	0.00	0.00	0.01	0.00
7.11	2.00	0.00	0.00	0.01	0.00	7.12	2.00	0.00	0.00	0.01	0.00
7.13	2.00	0.00	0.00	0.01	0.00	7.14	2.00	0.00	0.00	0.01	0.00
7.15	2.00	0.00	0.00	0.01	0.00	7.16	2.00	0.00	0.00	0.01	0.00
7.17	2.00	0.00	0.00	0.01	0.00	7.18	2.00	0.00	0.00	0.01	0.00
7.19	2.00	0.00	0.00	0.01	0.00	7.20	2.00	0.00	0.00	0.01	0.00
7.21	2.00	0.00	0.00	0.01	0.00	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	0.41	0.59	0.39	0.01	0.04
7.25	0.42	0.58	0.40	0.01	0.04	7.26	0.41	0.59	0.40	0.01	0.04
7.27	0.41	0.59	0.40	0.01	0.04	7.28	0.41	0.59	0.39	0.01	0.04
7.29	0.40	0.60	0.39	0.01	0.04	7.30	2.00	0.00	0.00	0.01	0.00
7.31	2.00	0.00	0.00	0.01	0.00	7.32	2.00	0.00	0.00	0.01	0.00
7.33	2.00	0.00	0.00	0.01	0.00	7.34	2.00	0.00	0.00	0.01	0.00
7.35	0.43	0.57	0.41	0.01	0.04	7.36	0.44	0.56	0.42	0.01	0.04
7.37	0.46	0.54	0.43	0.01	0.03	7.38	0.47	0.53	0.44	0.01	0.03
7.39	0.47	0.53	0.45	0.01	0.03	7.40	0.46	0.54	0.44	0.01	0.03
7.41	0.46	0.54	0.43	0.01	0.03	7.42	0.45	0.55	0.43	0.01	0.03
7.43	2.00	0.00	0.00	0.01	0.00	7.44	2.00	0.00	0.00	0.01	0.00
7.45	2.00	0.00	0.00	0.01	0.00	7.46	2.00	0.00	0.00	0.01	0.00
7.47	2.00	0.00	0.00	0.01	0.00	7.48	2.00	0.00	0.00	0.01	0.00
7.49	2.00	0.00	0.00	0.01	0.00	7.50	2.00	0.00	0.00	0.01	0.00
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	0.45	0.55	0.42	0.01	0.03
7.59	0.46	0.54	0.43	0.01	0.03	7.60	0.48	0.52	0.45	0.01	0.03
7.61	0.50	0.50	0.48	0.01	0.03	7.62	0.56	0.44	0.56	0.01	0.03
7.63	0.56	0.44	0.56	0.01	0.03	7.64	0.56	0.44	0.56	0.01	0.03
7.65	0.55	0.45	0.54	0.01	0.03	7.66	0.52	0.48	0.51	0.01	0.03
7.67	0.51	0.49	0.50	0.01	0.03	7.68	0.51	0.49	0.49	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.50	0.50	0.47	0.01	0.03	7.70	0.49	0.51	0.47	0.01	0.03
7.71	0.49	0.51	0.46	0.01	0.03	7.72	0.48	0.52	0.46	0.01	0.03
7.73	0.47	0.53	0.44	0.01	0.03	7.74	0.46	0.54	0.44	0.01	0.03
7.75	0.46	0.54	0.43	0.01	0.03	7.76	0.44	0.56	0.42	0.01	0.03
7.77	0.44	0.56	0.42	0.01	0.03	7.78	0.43	0.57	0.41	0.01	0.03
7.79	0.43	0.57	0.41	0.01	0.03	7.80	0.42	0.58	0.40	0.01	0.04
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	2.00	0.00	0.00	0.01	0.00
7.95	2.00	0.00	0.00	0.01	0.00	7.96	2.00	0.00	0.00	0.01	0.00
7.97	2.00	0.00	0.00	0.01	0.00	7.98	2.00	0.00	0.00	0.01	0.00
7.99	2.00	0.00	0.00	0.01	0.00	8.00	2.00	0.00	0.00	0.01	0.00
8.01	2.00	0.00	0.00	0.01	0.00	8.02	2.00	0.00	0.00	0.01	0.00
8.03	2.00	0.00	0.00	0.01	0.00	8.04	2.00	0.00	0.00	0.01	0.00
8.05	2.00	0.00	0.00	0.01	0.00	8.06	2.00	0.00	0.00	0.01	0.00
8.07	2.00	0.00	0.00	0.01	0.00	8.08	2.00	0.00	0.00	0.01	0.00
8.09	2.00	0.00	0.00	0.01	0.00	8.10	2.00	0.00	0.00	0.01	0.00
8.11	2.00	0.00	0.00	0.01	0.00	8.12	2.00	0.00	0.00	0.01	0.00
8.13	2.00	0.00	0.00	0.01	0.00	8.14	2.00	0.00	0.00	0.01	0.00
8.15	2.00	0.00	0.00	0.01	0.00	8.16	2.00	0.00	0.00	0.01	0.00
8.17	2.00	0.00	0.00	0.01	0.00	8.18	2.00	0.00	0.00	0.01	0.00
8.19	2.00	0.00	0.00	0.01	0.00	8.20	2.00	0.00	0.00	0.01	0.00
8.21	2.00	0.00	0.00	0.01	0.00	8.22	2.00	0.00	0.00	0.01	0.00
8.23	2.00	0.00	0.00	0.01	0.00	8.24	2.00	0.00	0.00	0.01	0.00
8.25	2.00	0.00	0.00	0.01	0.00	8.26	2.00	0.00	0.00	0.01	0.00
8.27	2.00	0.00	0.00	0.01	0.00	8.28	2.00	0.00	0.00	0.01	0.00
8.29	2.00	0.00	0.00	0.01	0.00	8.30	2.00	0.00	0.00	0.01	0.00
8.31	2.00	0.00	0.00	0.01	0.00	8.32	2.00	0.00	0.00	0.01	0.00
8.33	2.00	0.00	0.00	0.01	0.00	8.34	2.00	0.00	0.00	0.01	0.00
8.35	2.00	0.00	0.00	0.01	0.00	8.36	2.00	0.00	0.00	0.01	0.00
8.37	2.00	0.00	0.00	0.01	0.00	8.38	2.00	0.00	0.00	0.01	0.00
8.39	2.00	0.00	0.00	0.01	0.00	8.40	2.00	0.00	0.00	0.01	0.00
8.41	2.00	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	2.00	0.00	0.00	0.01	0.00
8.45	2.00	0.00	0.00	0.01	0.00	8.46	2.00	0.00	0.00	0.01	0.00
8.47	2.00	0.00	0.00	0.01	0.00	8.48	2.00	0.00	0.00	0.01	0.00
8.49	2.00	0.00	0.00	0.01	0.00	8.50	2.00	0.00	0.00	0.01	0.00
8.51	2.00	0.00	0.00	0.01	0.00	8.52	2.00	0.00	0.00	0.01	0.00
8.53	2.00	0.00	0.00	0.01	0.00	8.54	2.00	0.00	0.00	0.01	0.00
8.55	2.00	0.00	0.00	0.01	0.00	8.56	2.00	0.00	0.00	0.01	0.00
8.57	2.00	0.00	0.00	0.01	0.00	8.58	2.00	0.00	0.00	0.01	0.00
8.59	2.00	0.00	0.00	0.01	0.00	8.60	2.00	0.00	0.00	0.01	0.00
8.61	2.00	0.00	0.00	0.01	0.00	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00

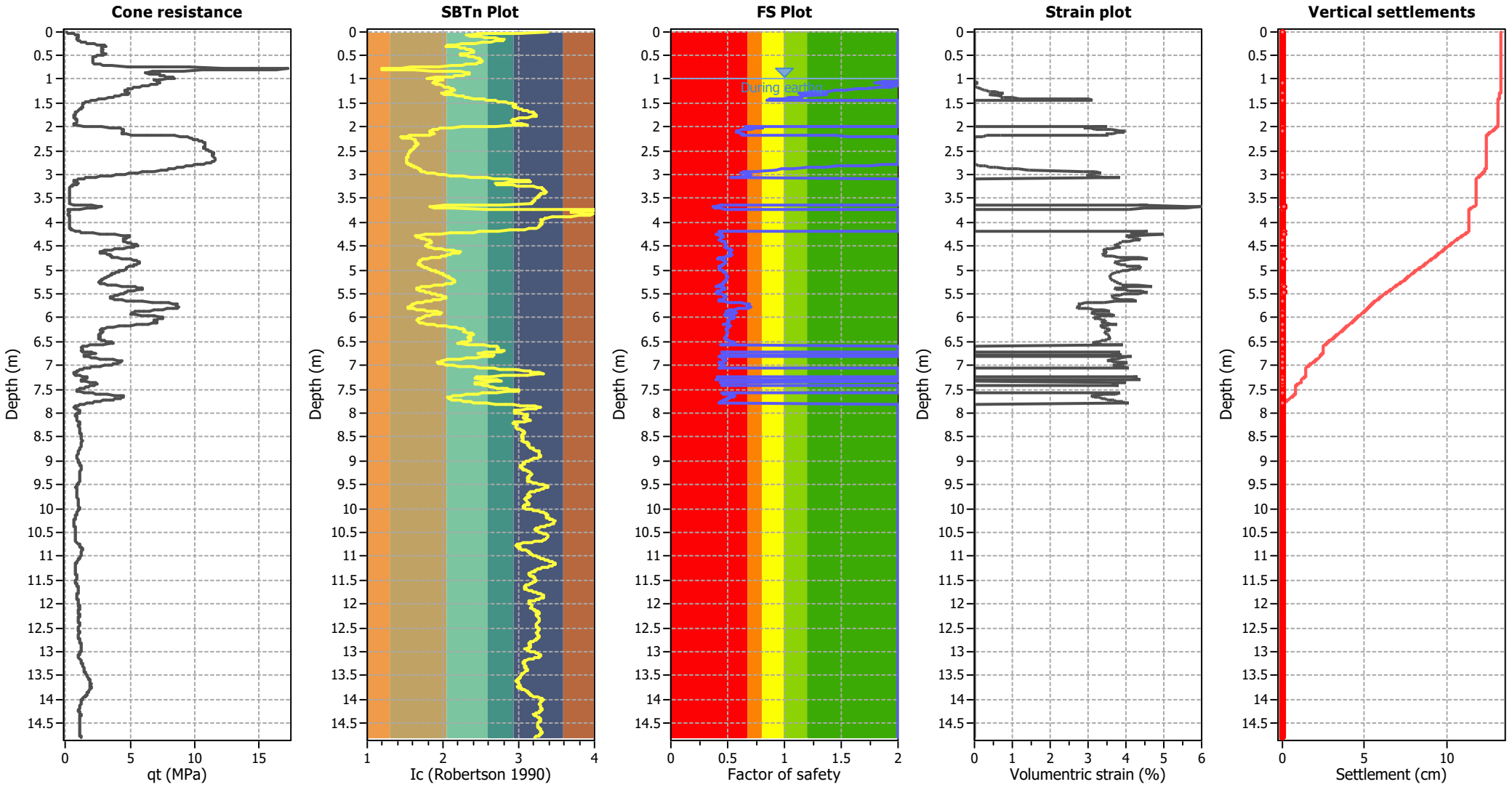
Overall liquefaction potential: 12.81

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	156.93	2.00	0.00	1.00	0.00	1.01	147.22	2.00	0.00	1.00	0.00
1.02	160.94	2.00	0.00	1.00	0.00	1.03	155.09	2.00	0.00	1.00	0.00
1.04	150.09	2.00	0.00	1.00	0.00	1.05	143.61	2.00	0.00	1.00	0.00
1.06	140.82	1.87	0.06	1.00	0.00	1.07	139.46	1.80	0.09	1.00	0.00
1.08	139.51	1.79	0.09	1.00	0.00	1.09	140.46	1.82	0.07	1.00	0.00
1.10	141.63	1.87	0.06	1.00	0.00	1.11	145.80	2.00	0.00	1.00	0.00
1.12	149.35	2.00	0.00	1.00	0.00	1.13	149.55	2.00	0.00	1.00	0.00
1.14	146.93	2.00	0.00	1.00	0.00	1.15	144.31	1.95	0.02	1.00	0.00
1.16	144.66	1.96	0.02	1.00	0.00	1.17	143.00	1.87	0.05	1.00	0.00
1.18	142.35	1.83	0.07	1.00	0.00	1.19	139.40	1.70	0.14	1.00	0.00
1.20	138.86	1.68	0.15	1.00	0.00	1.21	137.73	1.63	0.18	1.00	0.00
1.22	135.47	1.54	0.24	1.00	0.00	1.23	134.75	1.51	0.26	1.00	0.00
1.24	132.64	1.44	0.32	1.00	0.00	1.25	130.59	1.38	0.38	1.00	0.00
1.26	129.64	1.35	0.41	1.00	0.00	1.27	124.32	1.22	0.58	1.00	0.01
1.28	122.27	1.17	0.66	1.00	0.01	1.29	123.17	1.19	0.64	1.00	0.01
1.30	119.95	1.12	0.78	1.00	0.01	1.31	124.05	1.20	0.62	1.00	0.01
1.32	124.89	1.21	0.60	1.00	0.01	1.33	131.50	1.37	0.39	1.00	0.00
1.34	122.30	1.15	0.71	1.00	0.01	1.35	123.58	1.17	0.67	1.00	0.01
1.36	122.26	1.14	0.73	1.00	0.01	1.37	123.09	1.15	0.70	1.00	0.01
1.38	121.59	1.12	0.78	1.00	0.01	1.39	117.34	1.04	1.01	1.00	0.01
1.40	114.85	1.00	1.21	1.00	0.01	1.41	106.28	0.89	2.60	1.00	0.03
1.42	105.19	0.87	3.05	1.00	0.03	1.43	103.11	0.85	3.11	1.00	0.03
1.44	35.74	2.00	0.00	1.00	0.00	1.45	33.89	2.00	0.00	1.00	0.00
1.46	29.36	2.00	0.00	1.00	0.00	1.47	27.18	2.00	0.00	1.00	0.00
1.48	26.01	2.00	0.00	1.00	0.00	1.49	24.16	2.00	0.00	1.00	0.00
1.50	22.82	2.00	0.00	1.00	0.00	1.51	22.31	2.00	0.00	1.00	0.00
1.52	22.15	2.00	0.00	1.00	0.00	1.53	21.81	2.00	0.00	1.00	0.00
1.54	21.64	2.00	0.00	1.00	0.00	1.55	21.64	2.00	0.00	1.00	0.00
1.56	21.64	2.00	0.00	1.00	0.00	1.57	21.81	2.00	0.00	1.00	0.00
1.58	22.15	2.00	0.00	1.00	0.00	1.59	22.15	2.00	0.00	1.00	0.00
1.60	21.48	2.00	0.00	1.00	0.00	1.61	20.13	2.00	0.00	1.00	0.00
1.62	19.63	2.00	0.00	1.00	0.00	1.63	18.79	2.00	0.00	1.00	0.00
1.64	17.78	2.00	0.00	1.00	0.00	1.65	16.95	2.00	0.00	1.00	0.00
1.66	16.44	2.00	0.00	1.00	0.00	1.67	16.61	2.00	0.00	1.00	0.00
1.68	14.26	2.00	0.00	1.00	0.00	1.69	13.76	2.00	0.00	1.00	0.00
1.70	13.25	2.00	0.00	1.00	0.00	1.71	13.09	2.00	0.00	1.00	0.00
1.72	12.92	2.00	0.00	1.00	0.00	1.73	12.42	2.00	0.00	1.00	0.00
1.74	11.91	2.00	0.00	1.00	0.00	1.75	11.58	2.00	0.00	1.00	0.00
1.76	10.91	2.00	0.00	1.00	0.00	1.77	10.57	2.00	0.00	1.00	0.00
1.78	10.74	2.00	0.00	1.00	0.00	1.79	10.74	2.00	0.00	1.00	0.00
1.80	11.24	2.00	0.00	1.00	0.00	1.81	12.08	2.00	0.00	1.00	0.00
1.82	12.92	2.00	0.00	1.00	0.00	1.83	13.09	2.00	0.00	1.00	0.00
1.84	13.59	2.00	0.00	1.00	0.00	1.85	13.93	2.00	0.00	1.00	0.00
1.86	14.43	2.00	0.00	1.00	0.00	1.87	14.76	2.00	0.00	1.00	0.00
1.88	14.76	2.00	0.00	1.00	0.00	1.89	14.26	2.00	0.00	1.00	0.00
1.90	13.93	2.00	0.00	1.00	0.00	1.91	13.93	2.00	0.00	1.00	0.00
1.92	13.93	2.00	0.00	1.00	0.00	1.93	12.75	2.00	0.00	1.00	0.00
1.94	11.74	2.00	0.00	1.00	0.00	1.95	11.41	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	10.91	2.00	0.00	1.00	0.00	1.97	12.25	2.00	0.00	1.00	0.00
1.98	24.16	2.00	0.00	1.00	0.00	1.99	91.78	0.65	3.50	1.00	0.04
2.00	100.15	0.71	3.21	1.00	0.03	2.01	110.41	0.81	2.90	1.00	0.03
2.02	110.15	0.81	2.91	1.00	0.03	2.03	103.97	0.74	3.09	1.00	0.03
2.04	100.19	0.71	3.21	1.00	0.03	2.05	94.45	0.66	3.40	1.00	0.03
2.06	88.66	0.62	3.63	1.00	0.04	2.07	83.47	0.59	3.85	1.00	0.04
2.08	81.10	0.58	3.96	1.00	0.04	2.09	80.75	0.57	3.97	1.00	0.04
2.10	80.77	0.57	3.97	1.00	0.04	2.11	82.80	0.58	3.88	1.00	0.04
2.12	85.61	0.60	3.75	1.00	0.04	2.13	88.21	0.61	3.64	1.00	0.04
2.14	90.25	0.62	3.56	1.00	0.04	2.15	92.74	0.64	3.47	1.00	0.03
2.16	91.16	0.63	3.53	1.00	0.04	2.17	96.81	0.67	3.32	1.00	0.03
2.18	132.88	1.16	0.68	1.00	0.01	2.19	143.28	1.45	0.31	1.00	0.00
2.20	146.13	1.56	0.23	1.00	0.00	2.21	155.90	2.00	0.00	1.00	0.00
2.22	154.36	1.95	0.02	1.00	0.00	2.23	160.42	2.00	0.00	1.00	0.00
2.24	160.93	2.00	0.00	1.00	0.00	2.25	159.64	2.00	0.00	1.00	0.00
2.26	160.49	2.00	0.00	1.00	0.00	2.27	162.02	2.00	0.00	1.00	0.00
2.28	163.91	2.00	0.00	1.00	0.00	2.29	166.39	2.00	0.00	1.00	0.00
2.30	167.06	2.00	0.00	1.00	0.00	2.31	167.62	2.00	0.00	1.00	0.00
2.32	168.65	2.00	0.00	1.00	0.00	2.33	170.38	2.00	0.00	1.00	0.00
2.34	170.57	2.00	0.00	1.00	0.00	2.35	170.77	2.00	0.00	1.00	0.00
2.36	170.61	2.00	0.00	1.00	0.00	2.37	170.45	2.00	0.00	1.00	0.00
2.38	169.95	2.00	0.00	1.00	0.00	2.39	169.79	2.00	0.00	1.00	0.00
2.40	169.76	2.00	0.00	1.00	0.00	2.41	169.25	2.00	0.00	1.00	0.00
2.42	168.63	2.00	0.00	1.00	0.00	2.43	167.66	2.00	0.00	1.00	0.00
2.44	166.92	2.00	0.00	1.00	0.00	2.45	167.60	2.00	0.00	1.00	0.00
2.46	167.92	2.00	0.00	1.00	0.00	2.47	169.77	2.00	0.00	1.00	0.00
2.48	170.32	2.00	0.00	1.00	0.00	2.49	170.64	2.00	0.00	1.00	0.00
2.50	171.19	2.00	0.00	1.00	0.00	2.51	172.56	2.00	0.00	1.00	0.00
2.52	172.88	2.00	0.00	1.00	0.00	2.53	173.31	2.00	0.00	1.00	0.00
2.54	174.44	2.00	0.00	1.00	0.00	2.55	174.41	2.00	0.00	1.00	0.00
2.56	174.15	2.00	0.00	1.00	0.00	2.57	174.01	2.00	0.00	1.00	0.00
2.58	173.52	2.00	0.00	1.00	0.00	2.59	173.38	2.00	0.00	1.00	0.00
2.60	173.35	2.00	0.00	1.00	0.00	2.61	173.21	2.00	0.00	1.00	0.00
2.62	173.53	2.00	0.00	1.00	0.00	2.63	174.49	2.00	0.00	1.00	0.00
2.64	174.93	2.00	0.00	1.00	0.00	2.65	174.79	2.00	0.00	1.00	0.00
2.66	174.77	2.00	0.00	1.00	0.00	2.67	174.63	2.00	0.00	1.00	0.00
2.68	174.49	2.00	0.00	1.00	0.00	2.69	174.70	2.00	0.00	1.00	0.00
2.70	174.45	2.00	0.00	1.00	0.00	2.71	174.20	2.00	0.00	1.00	0.00
2.72	172.89	2.00	0.00	1.00	0.00	2.73	171.82	2.00	0.00	1.00	0.00
2.74	170.75	2.00	0.00	1.00	0.00	2.75	167.83	2.00	0.00	1.00	0.00
2.76	166.30	2.00	0.00	1.00	0.00	2.77	164.07	2.00	0.00	1.00	0.00
2.78	159.59	2.00	0.00	1.00	0.00	2.79	157.22	2.00	0.00	1.00	0.00
2.80	155.07	1.88	0.05	1.00	0.00	2.81	152.79	1.75	0.11	1.00	0.00
2.82	148.45	1.55	0.23	1.00	0.00	2.83	146.02	1.46	0.31	1.00	0.00
2.84	143.46	1.37	0.39	1.00	0.00	2.85	140.88	1.28	0.48	1.00	0.00
2.86	138.17	1.20	0.59	1.00	0.01	2.87	133.07	1.08	0.83	1.00	0.01
2.88	130.56	1.03	0.98	1.00	0.01	2.89	128.17	0.98	1.15	1.00	0.01
2.90	125.26	0.93	1.41	1.00	0.01	2.91	125.14	0.93	1.43	1.00	0.01

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	125.03	0.92	1.44	1.00	0.01	2.93	110.68	0.74	2.89	1.00	0.03
2.94	105.03	0.68	3.06	1.00	0.03	2.95	100.34	0.64	3.20	1.00	0.03
2.96	95.96	0.61	3.35	1.00	0.03	2.97	96.81	0.62	3.32	1.00	0.03
2.98	103.24	0.66	3.11	1.00	0.03	2.99	102.98	0.66	3.12	1.00	0.03
3.00	107.53	0.70	2.98	1.00	0.03	3.01	107.35	0.70	2.99	1.00	0.03
3.02	108.74	0.71	2.95	1.00	0.03	3.03	101.76	0.65	3.16	1.00	0.03
3.04	101.56	0.65	3.16	1.00	0.03	3.05	94.30	0.59	3.41	1.00	0.03
3.06	90.12	0.57	3.57	1.00	0.04	3.07	83.59	0.53	3.84	1.00	0.04
3.08	23.49	2.00	0.00	1.00	0.00	3.09	20.97	2.00	0.00	1.00	0.00
3.10	18.12	2.00	0.00	1.00	0.00	3.11	13.25	2.00	0.00	1.00	0.00
3.12	11.91	2.00	0.00	1.00	0.00	3.13	10.91	2.00	0.00	1.00	0.00
3.14	10.07	2.00	0.00	1.00	0.00	3.15	10.57	2.00	0.00	1.00	0.00
3.16	16.27	2.00	0.00	1.00	0.00	3.17	17.11	2.00	0.00	1.00	0.00
3.18	15.27	2.00	0.00	1.00	0.00	3.19	17.62	2.00	0.00	1.00	0.00
3.20	18.29	2.00	0.00	1.00	0.00	3.21	10.07	2.00	0.00	1.00	0.00
3.22	9.40	2.00	0.00	1.00	0.00	3.23	8.39	2.00	0.00	1.00	0.00
3.24	6.54	2.00	0.00	1.00	0.00	3.25	6.71	2.00	0.00	1.00	0.00
3.26	5.37	2.00	0.00	1.00	0.00	3.27	5.54	2.00	0.00	1.00	0.00
3.28	5.20	2.00	0.00	1.00	0.00	3.29	5.20	2.00	0.00	1.00	0.00
3.30	5.20	2.00	0.00	1.00	0.00	3.31	5.03	2.00	0.00	1.00	0.00
3.32	5.03	2.00	0.00	1.00	0.00	3.33	5.03	2.00	0.00	1.00	0.00
3.34	5.03	2.00	0.00	1.00	0.00	3.35	4.87	2.00	0.00	1.00	0.00
3.36	4.87	2.00	0.00	1.00	0.00	3.37	4.70	2.00	0.00	1.00	0.00
3.38	4.70	2.00	0.00	1.00	0.00	3.39	4.70	2.00	0.00	1.00	0.00
3.40	4.70	2.00	0.00	1.00	0.00	3.41	4.70	2.00	0.00	1.00	0.00
3.42	4.70	2.00	0.00	1.00	0.00	3.43	4.53	2.00	0.00	1.00	0.00
3.44	4.53	2.00	0.00	1.00	0.00	3.45	4.70	2.00	0.00	1.00	0.00
3.46	4.70	2.00	0.00	1.00	0.00	3.47	4.70	2.00	0.00	1.00	0.00
3.48	4.70	2.00	0.00	1.00	0.00	3.49	4.70	2.00	0.00	1.00	0.00
3.50	4.70	2.00	0.00	1.00	0.00	3.51	4.87	2.00	0.00	1.00	0.00
3.52	4.87	2.00	0.00	1.00	0.00	3.53	4.87	2.00	0.00	1.00	0.00
3.54	4.87	2.00	0.00	1.00	0.00	3.55	4.87	2.00	0.00	1.00	0.00
3.56	5.03	2.00	0.00	1.00	0.00	3.57	5.03	2.00	0.00	1.00	0.00
3.58	5.03	2.00	0.00	1.00	0.00	3.59	5.20	2.00	0.00	1.00	0.00
3.60	5.20	2.00	0.00	1.00	0.00	3.61	5.20	2.00	0.00	1.00	0.00
3.62	5.37	2.00	0.00	1.00	0.00	3.63	5.37	2.00	0.00	1.00	0.00
3.64	69.84	0.44	4.56	1.00	0.05	3.65	73.65	0.45	4.34	1.00	0.04
3.66	55.41	0.38	5.62	1.00	0.06	3.67	50.71	0.37	6.06	1.00	0.06
3.68	51.87	0.37	5.95	1.00	0.06	3.69	55.71	0.38	5.59	1.00	0.06
3.70	65.23	0.42	4.85	1.00	0.05	3.71	71.14	0.44	4.48	1.00	0.04
3.72	78.27	0.47	4.09	1.00	0.04	3.73	7.72	2.00	0.00	1.00	0.00
3.74	1.34	2.00	0.00	1.00	0.00	3.75	1.68	2.00	0.00	1.00	0.00
3.76	4.70	2.00	0.00	1.00	0.00	3.77	5.03	2.00	0.00	1.00	0.00
3.78	5.03	2.00	0.00	1.00	0.00	3.79	4.53	2.00	0.00	1.00	0.00
3.80	4.36	2.00	0.00	1.00	0.00	3.81	3.69	2.00	0.00	1.00	0.00
3.82	3.36	2.00	0.00	1.00	0.00	3.83	3.19	2.00	0.00	1.00	0.00
3.84	3.36	2.00	0.00	1.00	0.00	3.85	3.86	2.00	0.00	1.00	0.00
3.86	4.36	2.00	0.00	1.00	0.00	3.87	4.87	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	4.70	2.00	0.00	1.00	0.00	3.89	4.53	2.00	0.00	1.00	0.00
3.90	4.53	2.00	0.00	1.00	0.00	3.91	4.53	2.00	0.00	1.00	0.00
3.92	4.53	2.00	0.00	1.00	0.00	3.93	4.36	2.00	0.00	1.00	0.00
3.94	4.70	2.00	0.00	1.00	0.00	3.95	4.53	2.00	0.00	1.00	0.00
3.96	4.53	2.00	0.00	1.00	0.00	3.97	4.53	2.00	0.00	1.00	0.00
3.98	4.53	2.00	0.00	1.00	0.00	3.99	4.53	2.00	0.00	1.00	0.00
4.00	4.70	2.00	0.00	1.00	0.00	4.01	4.70	2.00	0.00	1.00	0.00
4.02	4.70	2.00	0.00	1.00	0.00	4.03	4.70	2.00	0.00	1.00	0.00
4.04	4.53	2.00	0.00	1.00	0.00	4.05	4.53	2.00	0.00	1.00	0.00
4.06	4.70	2.00	0.00	1.00	0.00	4.07	4.53	2.00	0.00	1.00	0.00
4.08	4.53	2.00	0.00	1.00	0.00	4.09	4.70	2.00	0.00	1.00	0.00
4.10	4.53	2.00	0.00	1.00	0.00	4.11	4.53	2.00	0.00	1.00	0.00
4.12	4.70	2.00	0.00	1.00	0.00	4.13	5.37	2.00	0.00	1.00	0.00
4.14	5.70	2.00	0.00	1.00	0.00	4.15	6.38	2.00	0.00	1.00	0.00
4.16	7.05	2.00	0.00	1.00	0.00	4.17	8.72	2.00	0.00	1.00	0.00
4.18	10.74	2.00	0.00	1.00	0.00	4.19	69.47	0.42	4.58	1.00	0.05
4.20	70.87	0.42	4.50	1.00	0.04	4.21	72.42	0.43	4.41	1.00	0.04
4.22	72.61	0.43	4.40	1.00	0.04	4.23	77.67	0.45	4.12	1.00	0.04
4.24	72.20	0.43	4.42	1.00	0.04	4.25	65.10	0.40	4.86	1.00	0.05
4.26	62.96	0.39	5.01	1.00	0.05	4.27	75.35	0.44	4.25	1.00	0.04
4.28	78.44	0.45	4.09	1.00	0.04	4.29	79.88	0.46	4.01	1.00	0.04
4.30	79.69	0.46	4.02	1.00	0.04	4.31	77.74	0.45	4.12	1.00	0.04
4.32	76.59	0.44	4.18	1.00	0.04	4.33	75.44	0.44	4.24	1.00	0.04
4.34	74.56	0.44	4.29	1.00	0.04	4.35	73.28	0.43	4.36	1.00	0.04
4.36	73.03	0.43	4.37	1.00	0.04	4.37	74.04	0.43	4.32	1.00	0.04
4.38	75.95	0.44	4.21	1.00	0.04	4.39	78.70	0.45	4.07	1.00	0.04
4.40	80.94	0.46	3.96	1.00	0.04	4.41	82.30	0.47	3.90	1.00	0.04
4.42	82.59	0.47	3.89	1.00	0.04	4.43	84.18	0.48	3.82	1.00	0.04
4.44	84.02	0.48	3.82	1.00	0.04	4.45	84.14	0.48	3.82	1.00	0.04
4.46	84.44	0.48	3.80	1.00	0.04	4.47	86.51	0.49	3.72	1.00	0.04
4.48	86.88	0.49	3.70	1.00	0.04	4.49	86.83	0.49	3.70	1.00	0.04
4.50	86.32	0.49	3.72	1.00	0.04	4.51	83.46	0.47	3.85	1.00	0.04
4.52	83.87	0.47	3.83	1.00	0.04	4.53	84.99	0.48	3.78	1.00	0.04
4.54	89.28	0.50	3.60	1.00	0.04	4.55	89.60	0.50	3.59	1.00	0.04
4.56	93.08	0.52	3.45	1.00	0.03	4.57	94.16	0.53	3.41	1.00	0.03
4.58	95.42	0.54	3.37	1.00	0.03	4.59	92.86	0.52	3.46	1.00	0.03
4.60	93.17	0.52	3.45	1.00	0.03	4.61	92.82	0.52	3.46	1.00	0.03
4.62	92.47	0.52	3.48	1.00	0.03	4.63	91.98	0.52	3.50	1.00	0.03
4.64	93.59	0.52	3.44	1.00	0.03	4.65	94.05	0.53	3.42	1.00	0.03
4.66	94.65	0.53	3.40	1.00	0.03	4.67	94.87	0.53	3.39	1.00	0.03
4.68	94.57	0.53	3.40	1.00	0.03	4.69	95.32	0.53	3.37	1.00	0.03
4.70	93.84	0.52	3.43	1.00	0.03	4.71	91.29	0.51	3.52	1.00	0.04
4.72	88.24	0.49	3.64	1.00	0.04	4.73	84.40	0.47	3.81	1.00	0.04
4.74	77.90	0.44	4.11	1.00	0.04	4.75	73.10	0.42	4.37	1.00	0.04
4.76	69.51	0.41	4.58	1.00	0.05	4.77	72.93	0.42	4.38	1.00	0.04
4.78	77.01	0.44	4.16	1.00	0.04	4.79	81.73	0.46	3.93	1.00	0.04
4.80	82.85	0.46	3.88	1.00	0.04	4.81	83.83	0.47	3.83	1.00	0.04
4.82	84.56	0.47	3.80	1.00	0.04	4.83	85.54	0.48	3.76	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	86.64	0.48	3.71	1.00	0.04	4.85	86.45	0.48	3.72	1.00	0.04
4.86	85.88	0.48	3.74	1.00	0.04	4.87	85.17	0.47	3.77	1.00	0.04
4.88	83.55	0.47	3.84	1.00	0.04	4.89	82.06	0.46	3.91	1.00	0.04
4.90	80.18	0.45	4.00	1.00	0.04	4.91	80.12	0.45	4.00	1.00	0.04
4.92	80.07	0.45	4.01	1.00	0.04	4.93	73.13	0.42	4.37	1.00	0.04
4.94	73.08	0.42	4.37	1.00	0.04	4.95	72.70	0.42	4.39	1.00	0.04
4.96	73.10	0.42	4.37	1.00	0.04	4.97	74.22	0.42	4.31	1.00	0.04
4.98	75.54	0.43	4.23	1.00	0.04	4.99	76.84	0.43	4.17	1.00	0.04
5.00	79.32	0.44	4.04	1.00	0.04	5.01	79.40	0.44	4.04	1.00	0.04
5.02	82.45	0.46	3.89	1.00	0.04	5.03	83.67	0.46	3.84	1.00	0.04
5.04	85.60	0.47	3.75	1.00	0.04	5.05	85.94	0.47	3.74	1.00	0.04
5.06	87.46	0.48	3.68	1.00	0.04	5.07	87.96	0.48	3.65	1.00	0.04
5.08	88.93	0.49	3.62	1.00	0.04	5.09	88.59	0.49	3.63	1.00	0.04
5.10	89.29	0.49	3.60	1.00	0.04	5.11	89.49	0.49	3.59	1.00	0.04
5.12	90.01	0.49	3.57	1.00	0.04	5.13	89.77	0.49	3.58	1.00	0.04
5.14	90.08	0.49	3.57	1.00	0.04	5.15	90.24	0.50	3.56	1.00	0.04
5.16	90.11	0.49	3.57	1.00	0.04	5.17	90.36	0.50	3.56	1.00	0.04
5.18	89.35	0.49	3.60	1.00	0.04	5.19	89.20	0.49	3.60	1.00	0.04
5.20	88.89	0.49	3.62	1.00	0.04	5.21	88.39	0.48	3.64	1.00	0.04
5.22	87.13	0.48	3.69	1.00	0.04	5.23	86.70	0.48	3.71	1.00	0.04
5.24	86.14	0.47	3.73	1.00	0.04	5.25	85.95	0.47	3.74	1.00	0.04
5.26	85.18	0.47	3.77	1.00	0.04	5.27	85.13	0.47	3.77	1.00	0.04
5.28	84.73	0.46	3.79	1.00	0.04	5.29	84.50	0.46	3.80	1.00	0.04
5.30	82.60	0.45	3.89	1.00	0.04	5.31	82.88	0.46	3.87	1.00	0.04
5.32	78.57	0.44	4.08	1.00	0.04	5.33	74.14	0.42	4.31	1.00	0.04
5.34	67.56	0.39	4.70	1.00	0.05	5.35	74.43	0.42	4.29	1.00	0.04
5.36	78.66	0.44	4.07	1.00	0.04	5.37	82.30	0.45	3.90	1.00	0.04
5.38	85.16	0.47	3.77	1.00	0.04	5.39	86.87	0.47	3.70	1.00	0.04
5.40	85.93	0.47	3.74	1.00	0.04	5.41	83.74	0.46	3.84	1.00	0.04
5.42	81.15	0.45	3.95	1.00	0.04	5.43	78.68	0.44	4.07	1.00	0.04
5.44	73.84	0.42	4.33	1.00	0.04	5.45	71.86	0.41	4.44	1.00	0.04
5.46	70.68	0.40	4.51	1.00	0.05	5.47	69.68	0.40	4.57	1.00	0.05
5.48	71.33	0.41	4.47	1.00	0.04	5.49	73.43	0.41	4.35	1.00	0.04
5.50	76.62	0.43	4.18	1.00	0.04	5.51	81.52	0.45	3.94	1.00	0.04
5.52	83.74	0.46	3.84	1.00	0.04	5.53	87.13	0.47	3.69	1.00	0.04
5.54	88.36	0.48	3.64	1.00	0.04	5.55	88.81	0.48	3.62	1.00	0.04
5.56	89.32	0.48	3.60	1.00	0.04	5.57	88.28	0.48	3.64	1.00	0.04
5.58	88.27	0.48	3.64	1.00	0.04	5.59	87.75	0.48	3.66	1.00	0.04
5.60	86.79	0.47	3.70	1.00	0.04	5.61	83.21	0.45	3.86	1.00	0.04
5.62	80.91	0.44	3.97	1.00	0.04	5.63	76.04	0.42	4.21	1.00	0.04
5.64	74.89	0.42	4.27	1.00	0.04	5.65	74.98	0.42	4.26	1.00	0.04
5.66	85.87	0.47	3.74	1.00	0.04	5.67	93.93	0.51	3.42	1.00	0.03
5.68	102.85	0.57	3.12	1.00	0.03	5.69	109.34	0.62	2.93	1.00	0.03
5.70	113.89	0.66	2.81	1.00	0.03	5.71	116.87	0.69	2.73	1.00	0.03
5.72	116.10	0.68	2.75	1.00	0.03	5.73	115.32	0.68	2.77	1.00	0.03
5.74	114.54	0.67	2.79	1.00	0.03	5.75	115.29	0.68	2.77	1.00	0.03
5.76	116.05	0.68	2.75	1.00	0.03	5.77	118.32	0.71	2.70	1.00	0.03
5.78	117.90	0.70	2.71	1.00	0.03	5.79	116.31	0.69	2.75	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	113.78	0.66	2.81	1.00	0.03	5.81	106.15	0.59	3.02	1.00	0.03
5.82	102.07	0.56	3.15	1.00	0.03	5.83	98.39	0.53	3.27	1.00	0.03
5.84	94.08	0.51	3.42	1.00	0.03	5.85	90.30	0.49	3.56	1.00	0.04
5.86	92.74	0.50	3.47	1.00	0.03	5.87	95.57	0.52	3.36	1.00	0.03
5.88	101.00	0.55	3.18	1.00	0.03	5.89	102.77	0.56	3.12	1.00	0.03
5.90	103.72	0.57	3.09	1.00	0.03	5.91	104.59	0.58	3.07	1.00	0.03
5.92	101.14	0.55	3.18	1.00	0.03	5.93	92.39	0.50	3.48	1.00	0.03
5.94	89.17	0.48	3.61	1.00	0.04	5.95	86.98	0.47	3.70	1.00	0.04
5.96	87.44	0.47	3.68	1.00	0.04	5.97	96.02	0.52	3.35	1.00	0.03
5.98	98.83	0.54	3.25	1.00	0.03	5.99	100.86	0.55	3.19	1.00	0.03
6.00	102.42	0.56	3.14	1.00	0.03	6.01	102.01	0.56	3.15	1.00	0.03
6.02	99.39	0.54	3.23	1.00	0.03	6.03	97.70	0.53	3.29	1.00	0.03
6.04	96.00	0.52	3.35	1.00	0.03	6.05	94.20	0.51	3.41	1.00	0.03
6.06	93.30	0.50	3.45	1.00	0.03	6.07	93.12	0.50	3.45	1.00	0.03
6.08	94.02	0.51	3.42	1.00	0.03	6.09	95.04	0.51	3.38	1.00	0.03
6.10	96.35	0.52	3.34	1.00	0.03	6.11	94.80	0.51	3.39	1.00	0.03
6.12	92.35	0.50	3.48	1.00	0.03	6.13	89.03	0.48	3.61	1.00	0.04
6.14	85.07	0.46	3.78	1.00	0.04	6.15	89.94	0.48	3.58	1.00	0.04
6.16	92.91	0.50	3.46	1.00	0.03	6.17	96.90	0.52	3.32	1.00	0.03
6.18	94.41	0.51	3.41	1.00	0.03	6.19	95.89	0.52	3.35	1.00	0.03
6.20	95.11	0.51	3.38	1.00	0.03	6.21	94.10	0.50	3.42	1.00	0.03
6.22	93.42	0.50	3.44	1.00	0.03	6.23	90.88	0.49	3.54	1.00	0.04
6.24	90.70	0.49	3.55	1.00	0.04	6.25	90.26	0.48	3.56	1.00	0.04
6.26	90.30	0.48	3.56	1.00	0.04	6.27	90.63	0.49	3.55	1.00	0.04
6.28	92.36	0.49	3.48	1.00	0.03	6.29	93.05	0.50	3.46	1.00	0.03
6.30	93.68	0.50	3.43	1.00	0.03	6.31	93.06	0.50	3.46	1.00	0.03
6.32	93.19	0.50	3.45	1.00	0.03	6.33	92.84	0.50	3.46	1.00	0.03
6.34	91.94	0.49	3.50	1.00	0.03	6.35	91.35	0.49	3.52	1.00	0.04
6.36	91.11	0.49	3.53	1.00	0.04	6.37	91.17	0.49	3.53	1.00	0.04
6.38	90.68	0.48	3.55	1.00	0.04	6.39	90.74	0.49	3.54	1.00	0.04
6.40	90.35	0.48	3.56	1.00	0.04	6.41	89.99	0.48	3.57	1.00	0.04
6.42	89.46	0.48	3.59	1.00	0.04	6.43	89.43	0.48	3.60	1.00	0.04
6.44	89.76	0.48	3.58	1.00	0.04	6.45	91.79	0.49	3.50	1.00	0.04
6.46	92.52	0.49	3.48	1.00	0.03	6.47	93.30	0.50	3.45	1.00	0.03
6.48	94.43	0.51	3.41	1.00	0.03	6.49	95.60	0.51	3.36	1.00	0.03
6.50	97.67	0.52	3.29	1.00	0.03	6.51	99.66	0.54	3.22	1.00	0.03
6.52	100.87	0.55	3.18	1.00	0.03	6.53	103.23	0.56	3.11	1.00	0.03
6.54	102.45	0.56	3.13	1.00	0.03	6.55	99.56	0.54	3.23	1.00	0.03
6.56	95.12	0.51	3.38	1.00	0.03	6.57	85.25	0.46	3.77	1.00	0.04
6.58	81.91	0.44	3.92	1.00	0.04	6.59	21.77	2.00	0.00	1.00	0.00
6.60	19.29	2.00	0.00	1.00	0.00	6.61	17.06	2.00	0.00	1.00	0.00
6.62	16.66	2.00	0.00	1.00	0.00	6.63	16.39	2.00	0.00	1.00	0.00
6.64	16.50	2.00	0.00	1.00	0.00	6.65	16.50	2.00	0.00	1.00	0.00
6.66	18.43	2.00	0.00	1.00	0.00	6.67	18.67	2.00	0.00	1.00	0.00
6.68	18.14	2.00	0.00	1.00	0.00	6.69	16.82	2.00	0.00	1.00	0.00
6.70	15.38	2.00	0.00	1.00	0.00	6.71	17.71	2.00	0.00	1.00	0.00
6.72	21.44	2.00	0.00	1.00	0.00	6.73	83.80	0.45	3.83	1.00	0.04
6.74	89.25	0.48	3.60	1.00	0.04	6.75	87.65	0.47	3.67	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	85.21	0.46	3.77	1.00	0.04	6.77	82.38	0.44	3.90	1.00	0.04
6.78	19.19	2.00	0.00	1.00	0.00	6.79	17.89	2.00	0.00	1.00	0.00
6.80	18.78	2.00	0.00	1.00	0.00	6.81	77.42	0.42	4.14	1.00	0.04
6.82	79.41	0.43	4.04	1.00	0.04	6.83	83.07	0.45	3.87	1.00	0.04
6.84	83.41	0.45	3.85	1.00	0.04	6.85	83.60	0.45	3.84	1.00	0.04
6.86	85.61	0.46	3.75	1.00	0.04	6.87	88.48	0.47	3.63	1.00	0.04
6.88	88.00	0.47	3.65	1.00	0.04	6.89	91.51	0.49	3.51	1.00	0.04
6.90	89.40	0.48	3.60	1.00	0.04	6.91	89.29	0.48	3.60	1.00	0.04
6.92	86.97	0.46	3.70	1.00	0.04	6.93	81.36	0.44	3.94	1.00	0.04
6.94	79.05	0.43	4.06	1.00	0.04	6.95	80.83	0.44	3.97	1.00	0.04
6.96	83.30	0.45	3.86	1.00	0.04	6.97	83.52	0.45	3.85	1.00	0.04
6.98	84.86	0.45	3.79	1.00	0.04	6.99	85.48	0.46	3.76	1.00	0.04
7.00	88.03	0.47	3.65	1.00	0.04	7.01	82.68	0.44	3.88	1.00	0.04
7.02	82.82	0.44	3.88	1.00	0.04	7.03	81.36	0.44	3.94	1.00	0.04
7.04	79.58	0.43	4.03	1.00	0.04	7.05	78.24	0.42	4.10	1.00	0.04
7.06	18.47	2.00	0.00	1.00	0.00	7.07	17.56	2.00	0.00	1.00	0.00
7.08	16.78	2.00	0.00	1.00	0.00	7.09	16.00	2.00	0.00	1.00	0.00
7.10	13.82	2.00	0.00	1.00	0.00	7.11	11.89	2.00	0.00	1.00	0.00
7.12	11.25	2.00	0.00	1.00	0.00	7.13	11.11	2.00	0.00	1.00	0.00
7.14	11.23	2.00	0.00	1.00	0.00	7.15	10.58	2.00	0.00	1.00	0.00
7.16	9.16	2.00	0.00	1.00	0.00	7.17	8.00	2.00	0.00	1.00	0.00
7.18	7.74	2.00	0.00	1.00	0.00	7.19	7.99	2.00	0.00	1.00	0.00
7.20	9.53	2.00	0.00	1.00	0.00	7.21	11.44	2.00	0.00	1.00	0.00
7.22	14.11	2.00	0.00	1.00	0.00	7.23	16.66	2.00	0.00	1.00	0.00
7.24	74.29	0.41	4.30	1.00	0.04	7.25	76.40	0.42	4.19	1.00	0.04
7.26	76.11	0.41	4.20	1.00	0.04	7.27	75.51	0.41	4.24	1.00	0.04
7.28	75.35	0.41	4.25	1.00	0.04	7.29	72.89	0.40	4.38	1.00	0.04
7.30	16.22	2.00	0.00	1.00	0.00	7.31	14.94	2.00	0.00	1.00	0.00
7.32	15.04	2.00	0.00	1.00	0.00	7.33	15.54	2.00	0.00	1.00	0.00
7.34	20.27	2.00	0.00	1.00	0.00	7.35	80.12	0.43	4.00	1.00	0.04
7.36	83.15	0.44	3.86	1.00	0.04	7.37	86.14	0.46	3.73	1.00	0.04
7.38	88.31	0.47	3.64	1.00	0.04	7.39	88.67	0.47	3.63	1.00	0.04
7.40	87.65	0.46	3.67	1.00	0.04	7.41	86.06	0.46	3.73	1.00	0.04
7.42	84.29	0.45	3.81	1.00	0.04	7.43	24.81	2.00	0.00	1.00	0.00
7.44	22.35	2.00	0.00	1.00	0.00	7.45	21.23	2.00	0.00	1.00	0.00
7.46	20.11	2.00	0.00	1.00	0.00	7.47	18.73	2.00	0.00	1.00	0.00
7.48	14.63	2.00	0.00	1.00	0.00	7.49	13.25	2.00	0.00	1.00	0.00
7.50	12.61	2.00	0.00	1.00	0.00	7.51	11.47	2.00	0.00	1.00	0.00
7.52	10.46	2.00	0.00	1.00	0.00	7.53	10.58	2.00	0.00	1.00	0.00
7.54	12.20	2.00	0.00	1.00	0.00	7.55	14.44	2.00	0.00	1.00	0.00
7.56	17.04	2.00	0.00	1.00	0.00	7.57	23.04	2.00	0.00	1.00	0.00
7.58	83.45	0.45	3.85	1.00	0.04	7.59	86.08	0.46	3.73	1.00	0.04
7.60	90.04	0.48	3.57	1.00	0.04	7.61	93.84	0.50	3.43	1.00	0.03
7.62	103.42	0.56	3.10	1.00	0.03	7.63	104.16	0.56	3.08	1.00	0.03
7.64	104.08	0.56	3.08	1.00	0.03	7.65	102.07	0.55	3.15	1.00	0.03
7.66	98.31	0.52	3.27	1.00	0.03	7.67	96.79	0.51	3.32	1.00	0.03
7.68	96.04	0.51	3.35	1.00	0.03	7.69	93.73	0.50	3.43	1.00	0.03
7.70	93.11	0.49	3.45	1.00	0.03	7.71	91.89	0.49	3.50	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	91.35	0.48	3.52	1.00	0.04	7.73	87.80	0.47	3.66	1.00	0.04
7.74	86.96	0.46	3.70	1.00	0.04	7.75	85.94	0.46	3.74	1.00	0.04
7.76	82.90	0.44	3.87	1.00	0.04	7.77	82.04	0.44	3.91	1.00	0.04
7.78	80.81	0.43	3.97	1.00	0.04	7.79	79.52	0.43	4.03	1.00	0.04
7.80	78.41	0.42	4.09	1.00	0.04	7.81	17.14	2.00	0.00	1.00	0.00
7.82	15.17	2.00	0.00	1.00	0.00	7.83	13.44	2.00	0.00	1.00	0.00
7.84	11.72	2.00	0.00	1.00	0.00	7.85	10.61	2.00	0.00	1.00	0.00
7.86	9.50	2.00	0.00	1.00	0.00	7.87	8.51	2.00	0.00	1.00	0.00
7.88	8.62	2.00	0.00	1.00	0.00	7.89	8.99	2.00	0.00	1.00	0.00
7.90	9.48	2.00	0.00	1.00	0.00	7.91	9.47	2.00	0.00	1.00	0.00
7.92	9.46	2.00	0.00	1.00	0.00	7.93	13.24	2.00	0.00	1.00	0.00
7.94	13.23	2.00	0.00	1.00	0.00	7.95	12.98	2.00	0.00	1.00	0.00
7.96	12.97	2.00	0.00	1.00	0.00	7.97	13.09	2.00	0.00	1.00	0.00
7.98	13.20	2.00	0.00	1.00	0.00	7.99	13.19	2.00	0.00	1.00	0.00
8.00	12.70	2.00	0.00	1.00	0.00	8.01	11.48	2.00	0.00	1.00	0.00
8.02	9.89	2.00	0.00	1.00	0.00	8.03	9.89	2.00	0.00	1.00	0.00
8.04	9.76	2.00	0.00	1.00	0.00	8.05	9.88	2.00	0.00	1.00	0.00
8.06	10.23	2.00	0.00	1.00	0.00	8.07	10.35	2.00	0.00	1.00	0.00
8.08	10.59	2.00	0.00	1.00	0.00	8.09	10.94	2.00	0.00	1.00	0.00
8.10	11.30	2.00	0.00	1.00	0.00	8.11	11.17	2.00	0.00	1.00	0.00
8.12	10.92	2.00	0.00	1.00	0.00	8.13	10.55	2.00	0.00	1.00	0.00
8.14	10.43	2.00	0.00	1.00	0.00	8.15	10.06	2.00	0.00	1.00	0.00
8.16	10.29	2.00	0.00	1.00	0.00	8.17	11.37	2.00	0.00	1.00	0.00
8.18	12.57	2.00	0.00	1.00	0.00	8.19	13.76	2.00	0.00	1.00	0.00
8.20	14.11	2.00	0.00	1.00	0.00	8.21	13.15	2.00	0.00	1.00	0.00
8.22	12.90	2.00	0.00	1.00	0.00	8.23	12.65	2.00	0.00	1.00	0.00
8.24	12.28	2.00	0.00	1.00	0.00	8.25	12.04	2.00	0.00	1.00	0.00
8.26	12.51	2.00	0.00	1.00	0.00	8.27	12.50	2.00	0.00	1.00	0.00
8.28	12.49	2.00	0.00	1.00	0.00	8.29	12.49	2.00	0.00	1.00	0.00
8.30	12.84	2.00	0.00	1.00	0.00	8.31	13.19	2.00	0.00	1.00	0.00
8.32	13.42	2.00	0.00	1.00	0.00	8.33	13.53	2.00	0.00	1.00	0.00
8.34	13.64	2.00	0.00	1.00	0.00	8.35	13.75	2.00	0.00	1.00	0.00
8.36	13.62	2.00	0.00	1.00	0.00	8.37	13.61	2.00	0.00	1.00	0.00
8.38	13.37	2.00	0.00	1.00	0.00	8.39	13.36	2.00	0.00	1.00	0.00
8.40	13.23	2.00	0.00	1.00	0.00	8.41	13.34	2.00	0.00	1.00	0.00
8.42	13.57	2.00	0.00	1.00	0.00	8.43	13.80	2.00	0.00	1.00	0.00
8.44	14.02	2.00	0.00	1.00	0.00	8.45	14.13	2.00	0.00	1.00	0.00
8.46	14.24	2.00	0.00	1.00	0.00	8.47	14.23	2.00	0.00	1.00	0.00
8.48	14.34	2.00	0.00	1.00	0.00	8.49	14.22	2.00	0.00	1.00	0.00
8.50	14.32	2.00	0.00	1.00	0.00	8.51	14.32	2.00	0.00	1.00	0.00
8.52	14.54	2.00	0.00	1.00	0.00	8.53	14.65	2.00	0.00	1.00	0.00
8.54	14.87	2.00	0.00	1.00	0.00	8.55	14.86	2.00	0.00	1.00	0.00
8.56	14.85	2.00	0.00	1.00	0.00	8.57	15.08	2.00	0.00	1.00	0.00
8.58	15.30	2.00	0.00	1.00	0.00	8.59	15.18	2.00	0.00	1.00	0.00
8.60	14.93	2.00	0.00	1.00	0.00	8.61	14.11	2.00	0.00	1.00	0.00
8.62	14.10	2.00	0.00	1.00	0.00	8.63	13.98	2.00	0.00	1.00	0.00
8.64	13.73	2.00	0.00	1.00	0.00	8.65	13.84	2.00	0.00	1.00	0.00
8.66	14.07	2.00	0.00	1.00	0.00	8.67	14.06	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	13.82	2.00	0.00	1.00	0.00	8.69	13.69	2.00	0.00	1.00	0.00
8.70	13.80	2.00	0.00	1.00	0.00	8.71	13.79	2.00	0.00	1.00	0.00
8.72	13.55	2.00	0.00	1.00	0.00	8.73	13.19	2.00	0.00	1.00	0.00
8.74	12.49	2.00	0.00	1.00	0.00	8.75	12.60	2.00	0.00	1.00	0.00
8.76	12.70	2.00	0.00	1.00	0.00	8.77	12.58	2.00	0.00	1.00	0.00
8.78	11.88	2.00	0.00	1.00	0.00	8.79	11.64	2.00	0.00	1.00	0.00
8.80	11.28	2.00	0.00	1.00	0.00	8.81	11.16	2.00	0.00	1.00	0.00
8.82	11.04	2.00	0.00	1.00	0.00	8.83	11.03	2.00	0.00	1.00	0.00
8.84	10.91	2.00	0.00	1.00	0.00	8.85	10.90	2.00	0.00	1.00	0.00
8.86	10.89	2.00	0.00	1.00	0.00	8.87	10.66	2.00	0.00	1.00	0.00
8.88	10.42	2.00	0.00	1.00	0.00	8.89	10.30	2.00	0.00	1.00	0.00
8.90	10.18	2.00	0.00	1.00	0.00	8.91	10.17	2.00	0.00	1.00	0.00
8.92	10.16	2.00	0.00	1.00	0.00	8.93	10.16	2.00	0.00	1.00	0.00
8.94	10.38	2.00	0.00	1.00	0.00	8.95	10.49	2.00	0.00	1.00	0.00
8.96	10.60	2.00	0.00	1.00	0.00	8.97	10.82	2.00	0.00	1.00	0.00
8.98	10.93	2.00	0.00	1.00	0.00	8.99	11.16	2.00	0.00	1.00	0.00
9.00	11.15	2.00	0.00	1.00	0.00	9.01	11.72	2.00	0.00	1.00	0.00
9.02	11.83	2.00	0.00	1.00	0.00	9.03	11.93	2.00	0.00	1.00	0.00
9.04	12.04	2.00	0.00	1.00	0.00	9.05	12.26	2.00	0.00	1.00	0.00
9.06	12.26	2.00	0.00	1.00	0.00	9.07	12.13	2.00	0.00	1.00	0.00
9.08	12.13	2.00	0.00	1.00	0.00	9.09	12.69	2.00	0.00	1.00	0.00
9.10	13.03	2.00	0.00	1.00	0.00	9.11	13.25	2.00	0.00	1.00	0.00
9.12	13.35	2.00	0.00	1.00	0.00	9.13	13.34	2.00	0.00	1.00	0.00
9.14	13.34	2.00	0.00	1.00	0.00	9.15	13.10	2.00	0.00	1.00	0.00
9.16	13.32	2.00	0.00	1.00	0.00	9.17	13.54	2.00	0.00	1.00	0.00
9.18	13.53	2.00	0.00	1.00	0.00	9.19	13.30	2.00	0.00	1.00	0.00
9.20	13.18	2.00	0.00	1.00	0.00	9.21	12.94	2.00	0.00	1.00	0.00
9.22	12.71	2.00	0.00	1.00	0.00	9.23	12.59	2.00	0.00	1.00	0.00
9.24	12.70	2.00	0.00	1.00	0.00	9.25	12.69	2.00	0.00	1.00	0.00
9.26	12.46	2.00	0.00	1.00	0.00	9.27	12.45	2.00	0.00	1.00	0.00
9.28	12.44	2.00	0.00	1.00	0.00	9.29	12.43	2.00	0.00	1.00	0.00
9.30	12.43	2.00	0.00	1.00	0.00	9.31	12.42	2.00	0.00	1.00	0.00
9.32	12.41	2.00	0.00	1.00	0.00	9.33	12.40	2.00	0.00	1.00	0.00
9.34	12.40	2.00	0.00	1.00	0.00	9.35	12.50	2.00	0.00	1.00	0.00
9.36	12.50	2.00	0.00	1.00	0.00	9.37	12.38	2.00	0.00	1.00	0.00
9.38	12.37	2.00	0.00	1.00	0.00	9.39	12.48	2.00	0.00	1.00	0.00
9.40	12.58	2.00	0.00	1.00	0.00	9.41	12.57	2.00	0.00	1.00	0.00
9.42	12.23	2.00	0.00	1.00	0.00	9.43	12.11	2.00	0.00	1.00	0.00
9.44	11.88	2.00	0.00	1.00	0.00	9.45	11.31	2.00	0.00	1.00	0.00
9.46	11.20	2.00	0.00	1.00	0.00	9.47	10.97	2.00	0.00	1.00	0.00
9.48	10.62	2.00	0.00	1.00	0.00	9.49	10.06	2.00	0.00	1.00	0.00
9.50	9.83	2.00	0.00	1.00	0.00	9.51	9.60	2.00	0.00	1.00	0.00
9.52	9.37	2.00	0.00	1.00	0.00	9.53	9.14	2.00	0.00	1.00	0.00
9.54	9.02	2.00	0.00	1.00	0.00	9.55	9.13	2.00	0.00	1.00	0.00
9.56	9.13	2.00	0.00	1.00	0.00	9.57	9.12	2.00	0.00	1.00	0.00
9.58	9.12	2.00	0.00	1.00	0.00	9.59	9.11	2.00	0.00	1.00	0.00
9.60	9.11	2.00	0.00	1.00	0.00	9.61	9.21	2.00	0.00	1.00	0.00
9.62	9.43	2.00	0.00	1.00	0.00	9.63	9.54	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	9.53	2.00	0.00	1.00	0.00	9.65	9.64	2.00	0.00	1.00	0.00
9.66	9.97	2.00	0.00	1.00	0.00	9.67	10.07	2.00	0.00	1.00	0.00
9.68	10.18	2.00	0.00	1.00	0.00	9.69	10.06	2.00	0.00	1.00	0.00
9.70	9.95	2.00	0.00	1.00	0.00	9.71	10.05	2.00	0.00	1.00	0.00
9.72	10.05	2.00	0.00	1.00	0.00	9.73	9.82	2.00	0.00	1.00	0.00
9.74	9.59	2.00	0.00	1.00	0.00	9.75	9.70	2.00	0.00	1.00	0.00
9.76	9.92	2.00	0.00	1.00	0.00	9.77	10.02	2.00	0.00	1.00	0.00
9.78	10.02	2.00	0.00	1.00	0.00	9.79	10.34	2.00	0.00	1.00	0.00
9.80	10.45	2.00	0.00	1.00	0.00	9.81	10.44	2.00	0.00	1.00	0.00
9.82	10.33	2.00	0.00	1.00	0.00	9.83	10.32	2.00	0.00	1.00	0.00
9.84	10.43	2.00	0.00	1.00	0.00	9.85	10.31	2.00	0.00	1.00	0.00
9.86	10.20	2.00	0.00	1.00	0.00	9.87	10.30	2.00	0.00	1.00	0.00
9.88	10.30	2.00	0.00	1.00	0.00	9.89	10.29	2.00	0.00	1.00	0.00
9.90	10.39	2.00	0.00	1.00	0.00	9.91	10.39	2.00	0.00	1.00	0.00
9.92	10.38	2.00	0.00	1.00	0.00	9.93	10.82	2.00	0.00	1.00	0.00
9.94	11.03	2.00	0.00	1.00	0.00	9.95	11.03	2.00	0.00	1.00	0.00
9.96	11.02	2.00	0.00	1.00	0.00	9.97	11.34	2.00	0.00	1.00	0.00
9.98	11.55	2.00	0.00	1.00	0.00	9.99	11.66	2.00	0.00	1.00	0.00
10.00	11.54	2.00	0.00	1.00	0.00	10.01	11.21	2.00	0.00	1.00	0.00
10.02	10.88	2.00	0.00	1.00	0.00	10.03	10.76	2.00	0.00	1.00	0.00
10.04	10.32	2.00	0.00	1.00	0.00	10.05	10.10	2.00	0.00	1.00	0.00
10.06	9.77	2.00	0.00	1.00	0.00	10.07	9.54	2.00	0.00	1.00	0.00
10.08	9.43	2.00	0.00	1.00	0.00	10.09	9.31	2.00	0.00	1.00	0.00
10.10	9.20	2.00	0.00	1.00	0.00	10.11	9.09	2.00	0.00	1.00	0.00
10.12	8.97	2.00	0.00	1.00	0.00	10.13	8.75	2.00	0.00	1.00	0.00
10.14	8.75	2.00	0.00	1.00	0.00	10.15	8.74	2.00	0.00	1.00	0.00
10.16	8.63	2.00	0.00	1.00	0.00	10.17	8.30	2.00	0.00	1.00	0.00
10.18	8.29	2.00	0.00	1.00	0.00	10.19	8.29	2.00	0.00	1.00	0.00
10.20	7.96	2.00	0.00	1.00	0.00	10.21	7.63	2.00	0.00	1.00	0.00
10.22	7.52	2.00	0.00	1.00	0.00	10.23	7.41	2.00	0.00	1.00	0.00
10.24	7.19	2.00	0.00	1.00	0.00	10.25	7.07	2.00	0.00	1.00	0.00
10.26	6.85	2.00	0.00	1.00	0.00	10.27	6.85	2.00	0.00	1.00	0.00
10.28	6.85	2.00	0.00	1.00	0.00	10.29	6.84	2.00	0.00	1.00	0.00
10.30	6.84	2.00	0.00	1.00	0.00	10.31	6.95	2.00	0.00	1.00	0.00
10.32	6.83	2.00	0.00	1.00	0.00	10.33	6.94	2.00	0.00	1.00	0.00
10.34	7.04	2.00	0.00	1.00	0.00	10.35	7.15	2.00	0.00	1.00	0.00
10.36	7.14	2.00	0.00	1.00	0.00	10.37	7.36	2.00	0.00	1.00	0.00
10.38	7.57	2.00	0.00	1.00	0.00	10.39	7.67	2.00	0.00	1.00	0.00
10.40	7.88	2.00	0.00	1.00	0.00	10.41	8.09	2.00	0.00	1.00	0.00
10.42	8.20	2.00	0.00	1.00	0.00	10.43	8.30	2.00	0.00	1.00	0.00
10.44	8.40	2.00	0.00	1.00	0.00	10.45	8.29	2.00	0.00	1.00	0.00
10.46	8.18	2.00	0.00	1.00	0.00	10.47	8.18	2.00	0.00	1.00	0.00
10.48	8.07	2.00	0.00	1.00	0.00	10.49	8.17	2.00	0.00	1.00	0.00
10.50	8.06	2.00	0.00	1.00	0.00	10.51	8.06	2.00	0.00	1.00	0.00
10.52	7.95	2.00	0.00	1.00	0.00	10.53	7.51	2.00	0.00	1.00	0.00
10.54	7.51	2.00	0.00	1.00	0.00	10.55	7.51	2.00	0.00	1.00	0.00
10.56	7.50	2.00	0.00	1.00	0.00	10.57	7.39	2.00	0.00	1.00	0.00
10.58	7.39	2.00	0.00	1.00	0.00	10.59	7.49	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	7.60	2.00	0.00	1.00	0.00	10.61	7.49	2.00	0.00	1.00	0.00
10.62	7.48	2.00	0.00	1.00	0.00	10.63	7.48	2.00	0.00	1.00	0.00
10.64	7.58	2.00	0.00	1.00	0.00	10.65	7.58	2.00	0.00	1.00	0.00
10.66	7.57	2.00	0.00	1.00	0.00	10.67	7.57	2.00	0.00	1.00	0.00
10.68	7.78	2.00	0.00	1.00	0.00	10.69	8.20	2.00	0.00	1.00	0.00
10.70	8.51	2.00	0.00	1.00	0.00	10.71	9.04	2.00	0.00	1.00	0.00
10.72	9.67	2.00	0.00	1.00	0.00	10.73	9.98	2.00	0.00	1.00	0.00
10.74	10.51	2.00	0.00	1.00	0.00	10.75	10.93	2.00	0.00	1.00	0.00
10.76	11.13	2.00	0.00	1.00	0.00	10.77	11.34	2.00	0.00	1.00	0.00
10.78	11.54	2.00	0.00	1.00	0.00	10.79	11.75	2.00	0.00	1.00	0.00
10.80	11.85	2.00	0.00	1.00	0.00	10.81	12.05	2.00	0.00	1.00	0.00
10.82	12.26	2.00	0.00	1.00	0.00	10.83	12.57	2.00	0.00	1.00	0.00
10.84	12.88	2.00	0.00	1.00	0.00	10.85	13.18	2.00	0.00	1.00	0.00
10.86	13.39	2.00	0.00	1.00	0.00	10.87	13.38	2.00	0.00	1.00	0.00
10.88	13.16	2.00	0.00	1.00	0.00	10.89	13.05	2.00	0.00	1.00	0.00
10.90	13.05	2.00	0.00	1.00	0.00	10.91	13.04	2.00	0.00	1.00	0.00
10.92	13.03	2.00	0.00	1.00	0.00	10.93	12.71	2.00	0.00	1.00	0.00
10.94	13.02	2.00	0.00	1.00	0.00	10.95	12.91	2.00	0.00	1.00	0.00
10.96	12.90	2.00	0.00	1.00	0.00	10.97	12.90	2.00	0.00	1.00	0.00
10.98	12.47	2.00	0.00	1.00	0.00	10.99	12.26	2.00	0.00	1.00	0.00
11.00	12.04	2.00	0.00	1.00	0.00	11.01	11.72	2.00	0.00	1.00	0.00
11.02	11.51	2.00	0.00	1.00	0.00	11.03	11.40	2.00	0.00	1.00	0.00
11.04	11.08	2.00	0.00	1.00	0.00	11.05	10.76	2.00	0.00	1.00	0.00
11.06	10.45	2.00	0.00	1.00	0.00	11.07	10.23	2.00	0.00	1.00	0.00
11.08	9.91	2.00	0.00	1.00	0.00	11.09	9.60	2.00	0.00	1.00	0.00
11.10	9.28	2.00	0.00	1.00	0.00	11.11	8.96	2.00	0.00	1.00	0.00
11.12	8.75	2.00	0.00	1.00	0.00	11.13	8.44	2.00	0.00	1.00	0.00
11.14	8.22	2.00	0.00	1.00	0.00	11.15	8.01	2.00	0.00	1.00	0.00
11.16	7.80	2.00	0.00	1.00	0.00	11.17	7.80	2.00	0.00	1.00	0.00
11.18	7.79	2.00	0.00	1.00	0.00	11.19	7.69	2.00	0.00	1.00	0.00
11.20	7.58	2.00	0.00	1.00	0.00	11.21	7.58	2.00	0.00	1.00	0.00
11.22	7.57	2.00	0.00	1.00	0.00	11.23	7.67	2.00	0.00	1.00	0.00
11.24	7.67	2.00	0.00	1.00	0.00	11.25	7.67	2.00	0.00	1.00	0.00
11.26	7.66	2.00	0.00	1.00	0.00	11.27	7.56	2.00	0.00	1.00	0.00
11.28	7.55	2.00	0.00	1.00	0.00	11.29	7.55	2.00	0.00	1.00	0.00
11.30	7.34	2.00	0.00	1.00	0.00	11.31	7.34	2.00	0.00	1.00	0.00
11.32	7.44	2.00	0.00	1.00	0.00	11.33	7.54	2.00	0.00	1.00	0.00
11.34	7.64	2.00	0.00	1.00	0.00	11.35	7.74	2.00	0.00	1.00	0.00
11.36	7.73	2.00	0.00	1.00	0.00	11.37	7.94	2.00	0.00	1.00	0.00
11.38	8.24	2.00	0.00	1.00	0.00	11.39	8.24	2.00	0.00	1.00	0.00
11.40	8.24	2.00	0.00	1.00	0.00	11.41	8.23	2.00	0.00	1.00	0.00
11.42	8.23	2.00	0.00	1.00	0.00	11.43	8.12	2.00	0.00	1.00	0.00
11.44	8.22	2.00	0.00	1.00	0.00	11.45	8.32	2.00	0.00	1.00	0.00
11.46	8.22	2.00	0.00	1.00	0.00	11.47	8.21	2.00	0.00	1.00	0.00
11.48	8.31	2.00	0.00	1.00	0.00	11.49	8.10	2.00	0.00	1.00	0.00
11.50	8.00	2.00	0.00	1.00	0.00	11.51	7.79	2.00	0.00	1.00	0.00
11.52	7.79	2.00	0.00	1.00	0.00	11.53	7.58	2.00	0.00	1.00	0.00
11.54	7.57	2.00	0.00	1.00	0.00	11.55	7.67	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	7.88	2.00	0.00	1.00	0.00	11.57	7.97	2.00	0.00	1.00	0.00
11.58	8.17	2.00	0.00	1.00	0.00	11.59	8.17	2.00	0.00	1.00	0.00
11.60	8.37	2.00	0.00	1.00	0.00	11.61	8.78	2.00	0.00	1.00	0.00
11.62	8.87	2.00	0.00	1.00	0.00	11.63	9.07	2.00	0.00	1.00	0.00
11.64	9.27	2.00	0.00	1.00	0.00	11.65	9.27	2.00	0.00	1.00	0.00
11.66	9.27	2.00	0.00	1.00	0.00	11.67	9.47	2.00	0.00	1.00	0.00
11.68	9.67	2.00	0.00	1.00	0.00	11.69	10.07	2.00	0.00	1.00	0.00
11.70	9.96	2.00	0.00	1.00	0.00	11.71	9.75	2.00	0.00	1.00	0.00
11.72	9.75	2.00	0.00	1.00	0.00	11.73	9.75	2.00	0.00	1.00	0.00
11.74	9.74	2.00	0.00	1.00	0.00	11.75	9.53	2.00	0.00	1.00	0.00
11.76	9.43	2.00	0.00	1.00	0.00	11.77	9.32	2.00	0.00	1.00	0.00
11.78	9.12	2.00	0.00	1.00	0.00	11.79	9.11	2.00	0.00	1.00	0.00
11.80	9.01	2.00	0.00	1.00	0.00	11.81	8.80	2.00	0.00	1.00	0.00
11.82	8.70	2.00	0.00	1.00	0.00	11.83	8.69	2.00	0.00	1.00	0.00
11.84	8.59	2.00	0.00	1.00	0.00	11.85	8.58	2.00	0.00	1.00	0.00
11.86	8.58	2.00	0.00	1.00	0.00	11.87	8.68	2.00	0.00	1.00	0.00
11.88	8.67	2.00	0.00	1.00	0.00	11.89	8.87	2.00	0.00	1.00	0.00
11.90	9.17	2.00	0.00	1.00	0.00	11.91	9.16	2.00	0.00	1.00	0.00
11.92	9.16	2.00	0.00	1.00	0.00	11.93	9.46	2.00	0.00	1.00	0.00
11.94	9.65	2.00	0.00	1.00	0.00	11.95	9.65	2.00	0.00	1.00	0.00
11.96	9.75	2.00	0.00	1.00	0.00	11.97	9.94	2.00	0.00	1.00	0.00
11.98	10.04	2.00	0.00	1.00	0.00	11.99	9.94	2.00	0.00	1.00	0.00
12.00	9.83	2.00	0.00	1.00	0.00	12.01	10.03	2.00	0.00	1.00	0.00
12.02	10.02	2.00	0.00	1.00	0.00	12.03	10.12	2.00	0.00	1.00	0.00
12.04	10.11	2.00	0.00	1.00	0.00	12.05	10.01	2.00	0.00	1.00	0.00
12.06	10.00	2.00	0.00	1.00	0.00	12.07	10.20	2.00	0.00	1.00	0.00
12.08	10.30	2.00	0.00	1.00	0.00	12.09	10.29	2.00	0.00	1.00	0.00
12.10	10.09	2.00	0.00	1.00	0.00	12.11	10.08	2.00	0.00	1.00	0.00
12.12	9.98	2.00	0.00	1.00	0.00	12.13	9.87	2.00	0.00	1.00	0.00
12.14	9.77	2.00	0.00	1.00	0.00	12.15	9.67	2.00	0.00	1.00	0.00
12.16	9.66	2.00	0.00	1.00	0.00	12.17	9.56	2.00	0.00	1.00	0.00
12.18	9.45	2.00	0.00	1.00	0.00	12.19	9.45	2.00	0.00	1.00	0.00
12.20	9.74	2.00	0.00	1.00	0.00	12.21	10.04	2.00	0.00	1.00	0.00
12.22	10.13	2.00	0.00	1.00	0.00	12.23	10.23	2.00	0.00	1.00	0.00
12.24	10.22	2.00	0.00	1.00	0.00	12.25	10.12	2.00	0.00	1.00	0.00
12.26	10.11	2.00	0.00	1.00	0.00	12.27	9.91	2.00	0.00	1.00	0.00
12.28	9.91	2.00	0.00	1.00	0.00	12.29	9.51	2.00	0.00	1.00	0.00
12.30	9.50	2.00	0.00	1.00	0.00	12.31	9.50	2.00	0.00	1.00	0.00
12.32	9.49	2.00	0.00	1.00	0.00	12.33	9.49	2.00	0.00	1.00	0.00
12.34	9.49	2.00	0.00	1.00	0.00	12.35	9.58	2.00	0.00	1.00	0.00
12.36	9.67	2.00	0.00	1.00	0.00	12.37	9.77	2.00	0.00	1.00	0.00
12.38	9.86	2.00	0.00	1.00	0.00	12.39	9.96	2.00	0.00	1.00	0.00
12.40	9.95	2.00	0.00	1.00	0.00	12.41	10.15	2.00	0.00	1.00	0.00
12.42	10.14	2.00	0.00	1.00	0.00	12.43	10.14	2.00	0.00	1.00	0.00
12.44	10.03	2.00	0.00	1.00	0.00	12.45	10.03	2.00	0.00	1.00	0.00
12.46	9.83	2.00	0.00	1.00	0.00	12.47	9.82	2.00	0.00	1.00	0.00
12.48	9.82	2.00	0.00	1.00	0.00	12.49	9.82	2.00	0.00	1.00	0.00
12.50	9.71	2.00	0.00	1.00	0.00	12.51	9.61	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	9.51	2.00	0.00	1.00	0.00	12.53	9.41	2.00	0.00	1.00	0.00
12.54	9.50	2.00	0.00	1.00	0.00	12.55	9.50	2.00	0.00	1.00	0.00
12.56	9.79	2.00	0.00	1.00	0.00	12.57	9.88	2.00	0.00	1.00	0.00
12.58	9.87	2.00	0.00	1.00	0.00	12.59	9.87	2.00	0.00	1.00	0.00
12.60	9.87	2.00	0.00	1.00	0.00	12.61	9.86	2.00	0.00	1.00	0.00
12.62	9.76	2.00	0.00	1.00	0.00	12.63	9.66	2.00	0.00	1.00	0.00
12.64	9.65	2.00	0.00	1.00	0.00	12.65	9.55	2.00	0.00	1.00	0.00
12.66	9.55	2.00	0.00	1.00	0.00	12.67	9.35	2.00	0.00	1.00	0.00
12.68	9.35	2.00	0.00	1.00	0.00	12.69	9.34	2.00	0.00	1.00	0.00
12.70	9.34	2.00	0.00	1.00	0.00	12.71	9.43	2.00	0.00	1.00	0.00
12.72	9.52	2.00	0.00	1.00	0.00	12.73	9.62	2.00	0.00	1.00	0.00
12.74	9.71	2.00	0.00	1.00	0.00	12.75	9.90	2.00	0.00	1.00	0.00
12.76	9.99	2.00	0.00	1.00	0.00	12.77	9.99	2.00	0.00	1.00	0.00
12.78	10.18	2.00	0.00	1.00	0.00	12.79	10.56	2.00	0.00	1.00	0.00
12.80	10.56	2.00	0.00	1.00	0.00	12.81	10.65	2.00	0.00	1.00	0.00
12.82	10.74	2.00	0.00	1.00	0.00	12.83	10.93	2.00	0.00	1.00	0.00
12.84	11.12	2.00	0.00	1.00	0.00	12.85	11.21	2.00	0.00	1.00	0.00
12.86	11.21	2.00	0.00	1.00	0.00	12.87	11.11	2.00	0.00	1.00	0.00
12.88	11.20	2.00	0.00	1.00	0.00	12.89	11.19	2.00	0.00	1.00	0.00
12.90	11.19	2.00	0.00	1.00	0.00	12.91	11.18	2.00	0.00	1.00	0.00
12.92	11.18	2.00	0.00	1.00	0.00	12.93	11.56	2.00	0.00	1.00	0.00
12.94	11.46	2.00	0.00	1.00	0.00	12.95	11.46	2.00	0.00	1.00	0.00
12.96	11.26	2.00	0.00	1.00	0.00	12.97	11.06	2.00	0.00	1.00	0.00
12.98	10.96	2.00	0.00	1.00	0.00	12.99	10.86	2.00	0.00	1.00	0.00
13.00	10.47	2.00	0.00	1.00	0.00	13.01	10.08	2.00	0.00	1.00	0.00
13.02	9.98	2.00	0.00	1.00	0.00	13.03	9.88	2.00	0.00	1.00	0.00
13.04	9.78	2.00	0.00	1.00	0.00	13.05	9.58	2.00	0.00	1.00	0.00
13.06	9.29	2.00	0.00	1.00	0.00	13.07	9.19	2.00	0.00	1.00	0.00
13.08	9.09	2.00	0.00	1.00	0.00	13.09	8.99	2.00	0.00	1.00	0.00
13.10	9.08	2.00	0.00	1.00	0.00	13.11	9.08	2.00	0.00	1.00	0.00
13.12	9.17	2.00	0.00	1.00	0.00	13.13	9.36	2.00	0.00	1.00	0.00
13.14	9.55	2.00	0.00	1.00	0.00	13.15	9.83	2.00	0.00	1.00	0.00
13.16	10.30	2.00	0.00	1.00	0.00	13.17	10.49	2.00	0.00	1.00	0.00
13.18	10.77	2.00	0.00	1.00	0.00	13.19	10.96	2.00	0.00	1.00	0.00
13.20	10.96	2.00	0.00	1.00	0.00	13.21	11.05	2.00	0.00	1.00	0.00
13.22	11.33	2.00	0.00	1.00	0.00	13.23	11.33	2.00	0.00	1.00	0.00
13.24	11.42	2.00	0.00	1.00	0.00	13.25	11.51	2.00	0.00	1.00	0.00
13.26	11.60	2.00	0.00	1.00	0.00	13.27	11.69	2.00	0.00	1.00	0.00
13.28	11.87	2.00	0.00	1.00	0.00	13.29	12.25	2.00	0.00	1.00	0.00
13.30	12.25	2.00	0.00	1.00	0.00	13.31	12.24	2.00	0.00	1.00	0.00
13.32	12.33	2.00	0.00	1.00	0.00	13.33	12.61	2.00	0.00	1.00	0.00
13.34	12.61	2.00	0.00	1.00	0.00	13.35	12.41	2.00	0.00	1.00	0.00
13.36	12.59	2.00	0.00	1.00	0.00	13.37	12.59	2.00	0.00	1.00	0.00
13.38	12.58	2.00	0.00	1.00	0.00	13.39	12.58	2.00	0.00	1.00	0.00
13.40	12.67	2.00	0.00	1.00	0.00	13.41	12.76	2.00	0.00	1.00	0.00
13.42	13.32	2.00	0.00	1.00	0.00	13.43	13.51	2.00	0.00	1.00	0.00
13.44	13.50	2.00	0.00	1.00	0.00	13.45	13.87	2.00	0.00	1.00	0.00
13.46	14.15	2.00	0.00	1.00	0.00	13.47	14.33	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	14.42	2.00	0.00	1.00	0.00	13.49	14.70	2.00	0.00	1.00	0.00
13.50	14.69	2.00	0.00	1.00	0.00	13.51	14.78	2.00	0.00	1.00	0.00
13.52	15.34	2.00	0.00	1.00	0.00	13.53	15.43	2.00	0.00	1.00	0.00
13.54	15.43	2.00	0.00	1.00	0.00	13.55	15.89	2.00	0.00	1.00	0.00
13.56	15.88	2.00	0.00	1.00	0.00	13.57	15.88	2.00	0.00	1.00	0.00
13.58	16.34	2.00	0.00	1.00	0.00	13.59	16.71	2.00	0.00	1.00	0.00
13.60	16.90	2.00	0.00	1.00	0.00	13.61	16.98	2.00	0.00	1.00	0.00
13.62	17.35	2.00	0.00	1.00	0.00	13.63	17.53	2.00	0.00	1.00	0.00
13.64	17.15	2.00	0.00	1.00	0.00	13.65	17.05	2.00	0.00	1.00	0.00
13.66	17.13	2.00	0.00	1.00	0.00	13.67	17.41	2.00	0.00	1.00	0.00
13.68	17.50	2.00	0.00	1.00	0.00	13.69	17.39	2.00	0.00	1.00	0.00
13.70	17.29	2.00	0.00	1.00	0.00	13.71	17.10	2.00	0.00	1.00	0.00
13.72	16.90	2.00	0.00	1.00	0.00	13.73	17.65	2.00	0.00	1.00	0.00
13.74	17.92	2.00	0.00	1.00	0.00	13.75	17.91	2.00	0.00	1.00	0.00
13.76	17.34	2.00	0.00	1.00	0.00	13.77	16.96	2.00	0.00	1.00	0.00
13.78	16.67	2.00	0.00	1.00	0.00	13.79	16.57	2.00	0.00	1.00	0.00
13.80	16.38	2.00	0.00	1.00	0.00	13.81	15.99	2.00	0.00	1.00	0.00
13.82	15.71	2.00	0.00	1.00	0.00	13.83	15.61	2.00	0.00	1.00	0.00
13.84	15.41	2.00	0.00	1.00	0.00	13.85	15.13	2.00	0.00	1.00	0.00
13.86	15.12	2.00	0.00	1.00	0.00	13.87	15.11	2.00	0.00	1.00	0.00
13.88	15.11	2.00	0.00	1.00	0.00	13.89	14.73	2.00	0.00	1.00	0.00
13.90	14.35	2.00	0.00	1.00	0.00	13.91	14.34	2.00	0.00	1.00	0.00
13.92	14.34	2.00	0.00	1.00	0.00	13.93	13.31	2.00	0.00	1.00	0.00
13.94	13.21	2.00	0.00	1.00	0.00	13.95	12.92	2.00	0.00	1.00	0.00
13.96	11.90	2.00	0.00	1.00	0.00	13.97	11.71	2.00	0.00	1.00	0.00
13.98	11.52	2.00	0.00	1.00	0.00	13.99	11.33	2.00	0.00	1.00	0.00
14.00	10.95	2.00	0.00	1.00	0.00	14.01	10.76	2.00	0.00	1.00	0.00
14.02	10.67	2.00	0.00	1.00	0.00	14.03	10.66	2.00	0.00	1.00	0.00
14.04	10.66	2.00	0.00	1.00	0.00	14.05	10.56	2.00	0.00	1.00	0.00
14.06	10.55	2.00	0.00	1.00	0.00	14.07	10.27	2.00	0.00	1.00	0.00
14.08	9.99	2.00	0.00	1.00	0.00	14.09	10.08	2.00	0.00	1.00	0.00
14.10	10.08	2.00	0.00	1.00	0.00	14.11	9.80	2.00	0.00	1.00	0.00
14.12	9.79	2.00	0.00	1.00	0.00	14.13	9.70	2.00	0.00	1.00	0.00
14.14	9.42	2.00	0.00	1.00	0.00	14.15	9.41	2.00	0.00	1.00	0.00
14.16	9.41	2.00	0.00	1.00	0.00	14.17	9.13	2.00	0.00	1.00	0.00
14.18	9.13	2.00	0.00	1.00	0.00	14.19	9.03	2.00	0.00	1.00	0.00
14.20	8.75	2.00	0.00	1.00	0.00	14.21	8.66	2.00	0.00	1.00	0.00
14.22	8.75	2.00	0.00	1.00	0.00	14.23	8.84	2.00	0.00	1.00	0.00
14.24	8.74	2.00	0.00	1.00	0.00	14.25	8.74	2.00	0.00	1.00	0.00
14.26	8.73	2.00	0.00	1.00	0.00	14.27	9.10	2.00	0.00	1.00	0.00
14.28	9.18	2.00	0.00	1.00	0.00	14.29	9.36	2.00	0.00	1.00	0.00
14.30	9.54	2.00	0.00	1.00	0.00	14.31	9.90	2.00	0.00	1.00	0.00
14.32	9.99	2.00	0.00	1.00	0.00	14.33	9.90	2.00	0.00	1.00	0.00
14.34	9.89	2.00	0.00	1.00	0.00	14.35	9.80	2.00	0.00	1.00	0.00
14.36	9.52	2.00	0.00	1.00	0.00	14.37	9.33	2.00	0.00	1.00	0.00
14.38	9.42	2.00	0.00	1.00	0.00	14.39	9.24	2.00	0.00	1.00	0.00
14.40	9.14	2.00	0.00	1.00	0.00	14.41	9.05	2.00	0.00	1.00	0.00
14.42	9.13	2.00	0.00	1.00	0.00	14.43	9.13	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

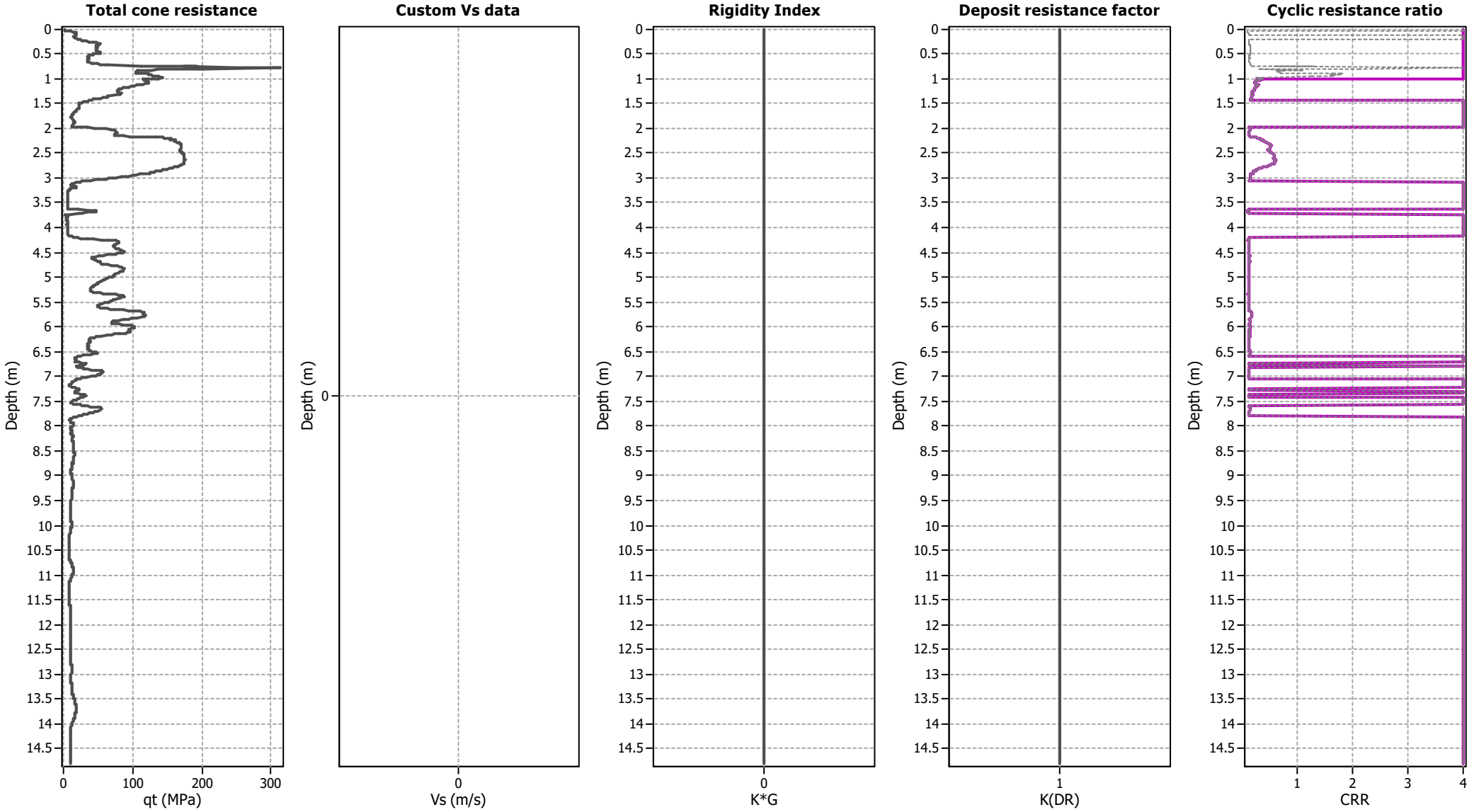
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.04	2.00	0.00	1.00	0.00	14.45	9.03	2.00	0.00	1.00	0.00
14.46	9.12	2.00	0.00	1.00	0.00	14.47	9.39	2.00	0.00	1.00	0.00
14.48	9.48	2.00	0.00	1.00	0.00	14.49	9.56	2.00	0.00	1.00	0.00
14.50	9.56	2.00	0.00	1.00	0.00	14.51	9.65	2.00	0.00	1.00	0.00
14.52	9.64	2.00	0.00	1.00	0.00	14.53	9.64	2.00	0.00	1.00	0.00
14.54	9.55	2.00	0.00	1.00	0.00	14.55	9.54	2.00	0.00	1.00	0.00
14.56	9.54	2.00	0.00	1.00	0.00	14.57	9.44	2.00	0.00	1.00	0.00
14.58	9.35	2.00	0.00	1.00	0.00	14.59	9.35	2.00	0.00	1.00	0.00
14.60	9.43	2.00	0.00	1.00	0.00	14.61	9.25	2.00	0.00	1.00	0.00
14.62	9.16	2.00	0.00	1.00	0.00	14.63	9.24	2.00	0.00	1.00	0.00
14.64	9.33	2.00	0.00	1.00	0.00	14.65	9.14	2.00	0.00	1.00	0.00
14.66	9.14	2.00	0.00	1.00	0.00	14.67	9.14	2.00	0.00	1.00	0.00
14.68	9.04	2.00	0.00	1.00	0.00	14.69	9.04	2.00	0.00	1.00	0.00
14.70	9.04	2.00	0.00	1.00	0.00	14.71	9.12	2.00	0.00	1.00	0.00
14.72	9.12	2.00	0.00	1.00	0.00	14.73	9.12	2.00	0.00	1.00	0.00
14.74	9.20	2.00	0.00	1.00	0.00	14.75	9.20	2.00	0.00	1.00	0.00
14.76	9.38	2.00	0.00	1.00	0.00	14.77	9.46	2.00	0.00	1.00	0.00
14.78	9.73	2.00	0.00	1.00	0.00	14.79	9.90	2.00	0.00	1.00	0.00
14.80	9.99	2.00	0.00	1.00	0.00						

Total estimated settlement: 13.29

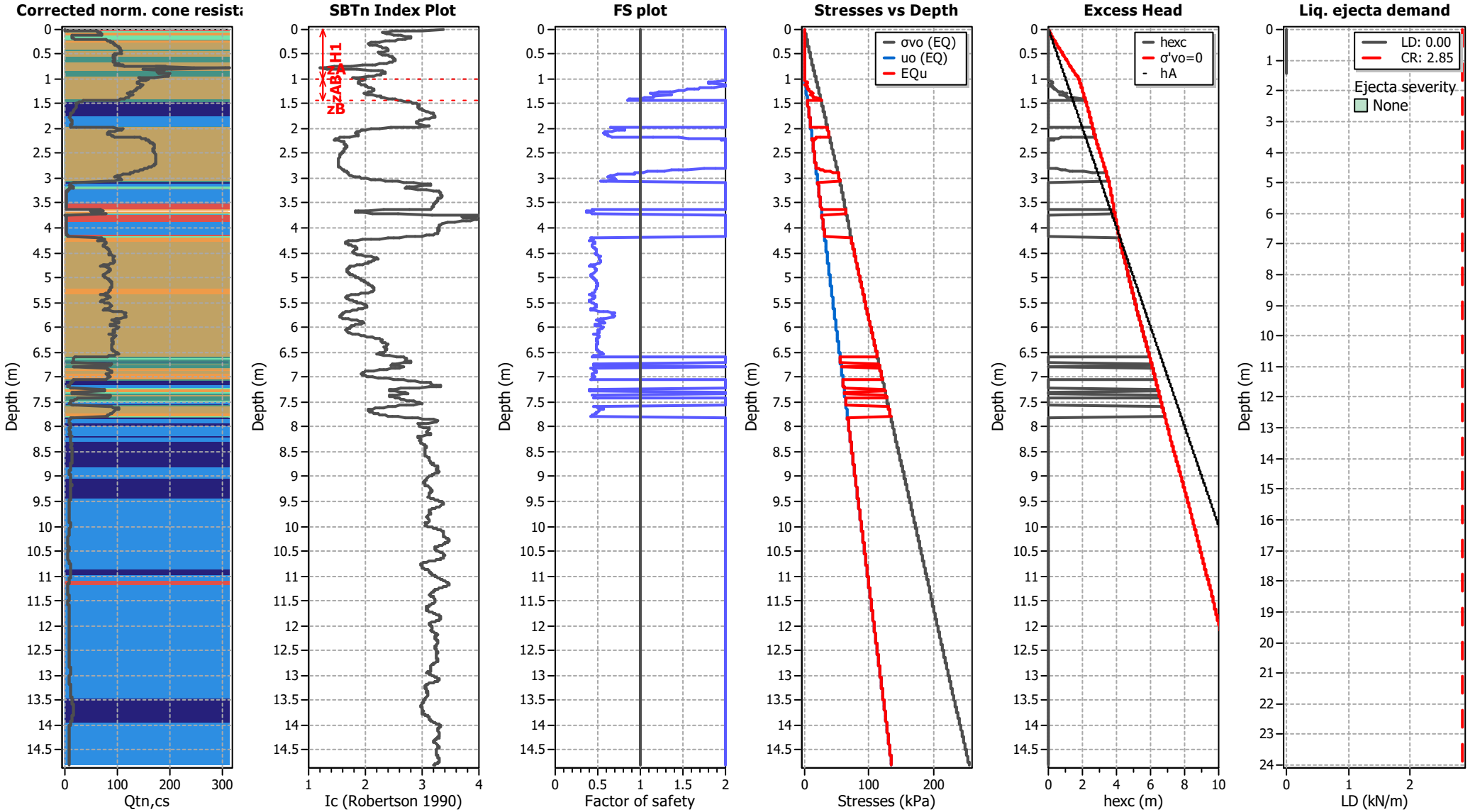
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



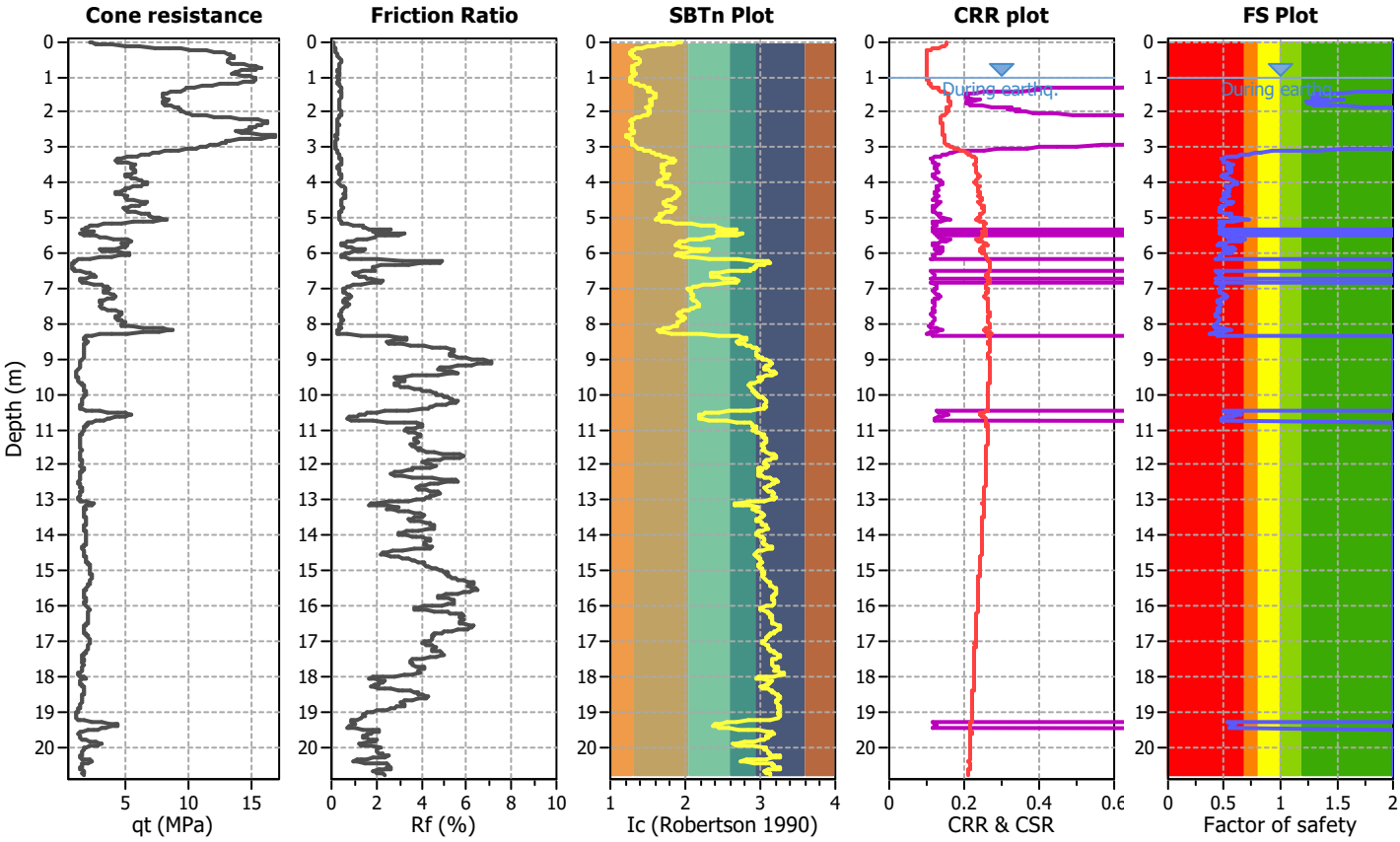
LIQUEFACTION ANALYSIS REPORT

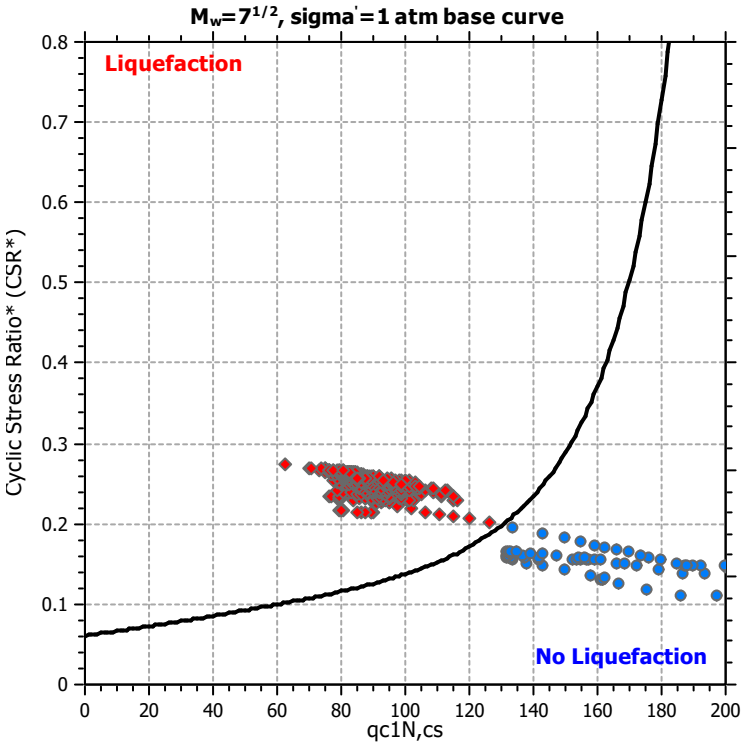
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

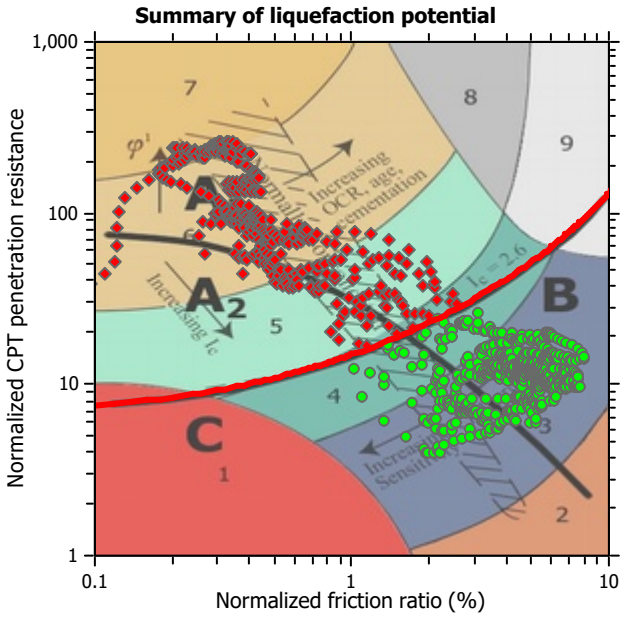
CPT file : 040008P1025CPTU1026

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

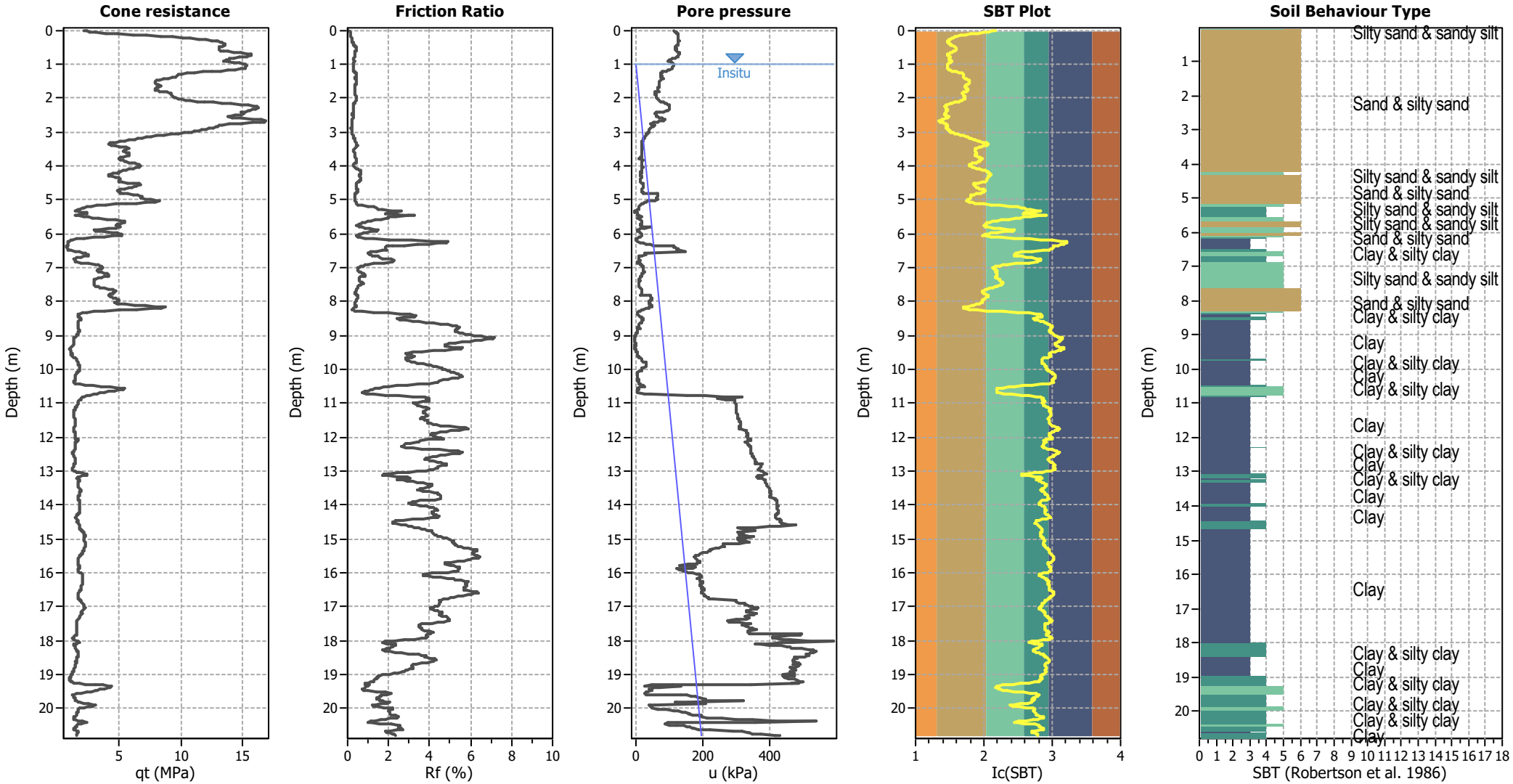






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



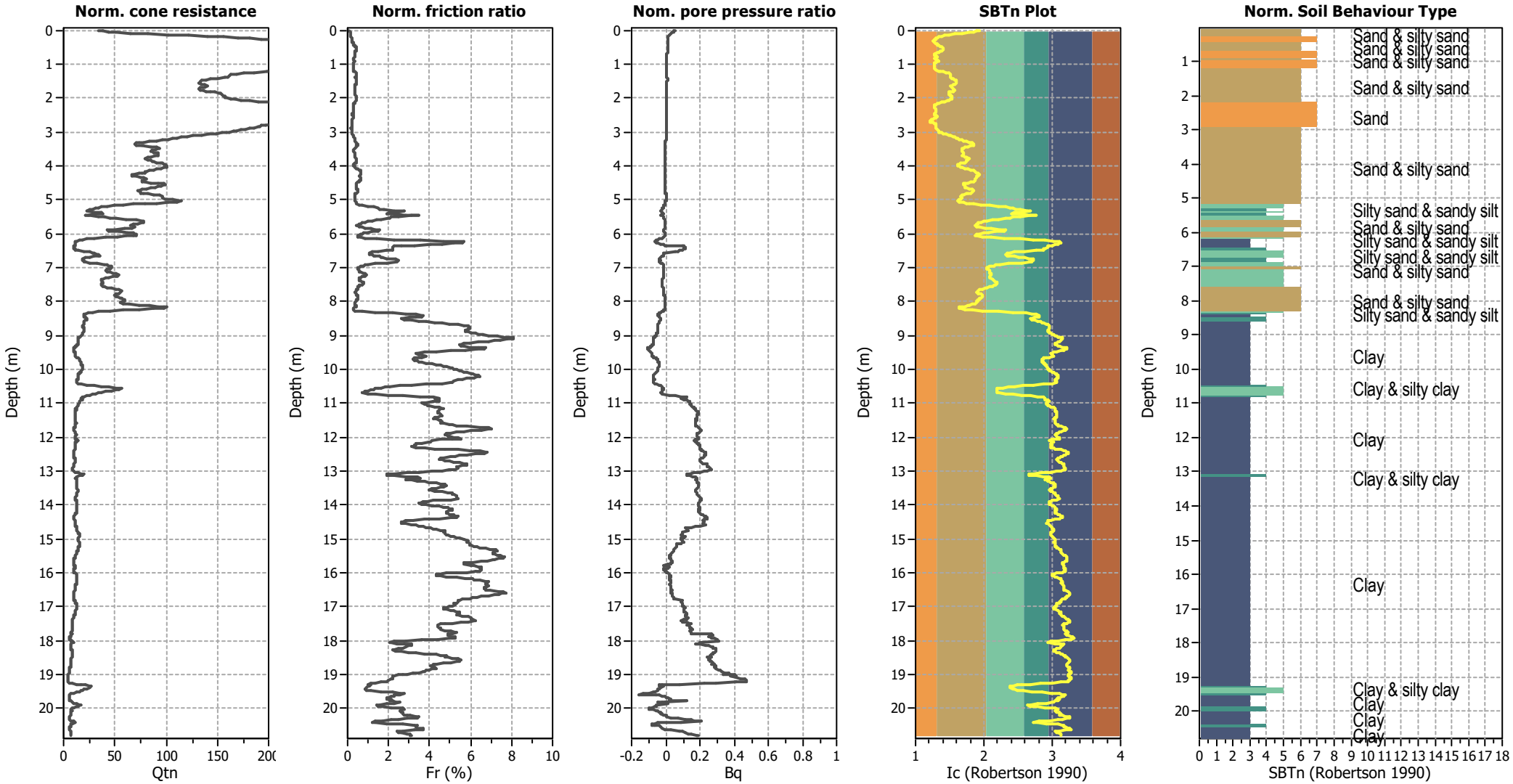
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



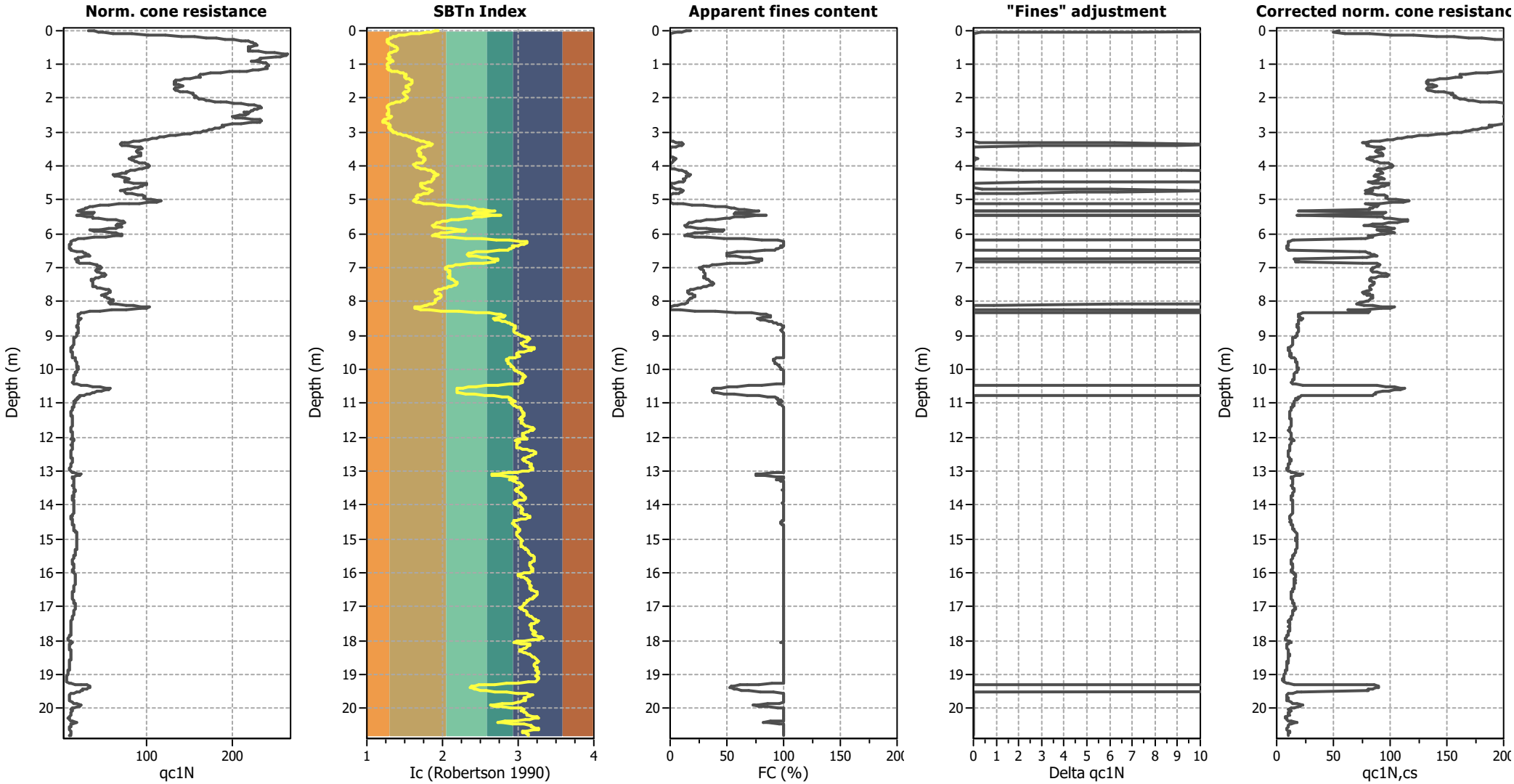
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

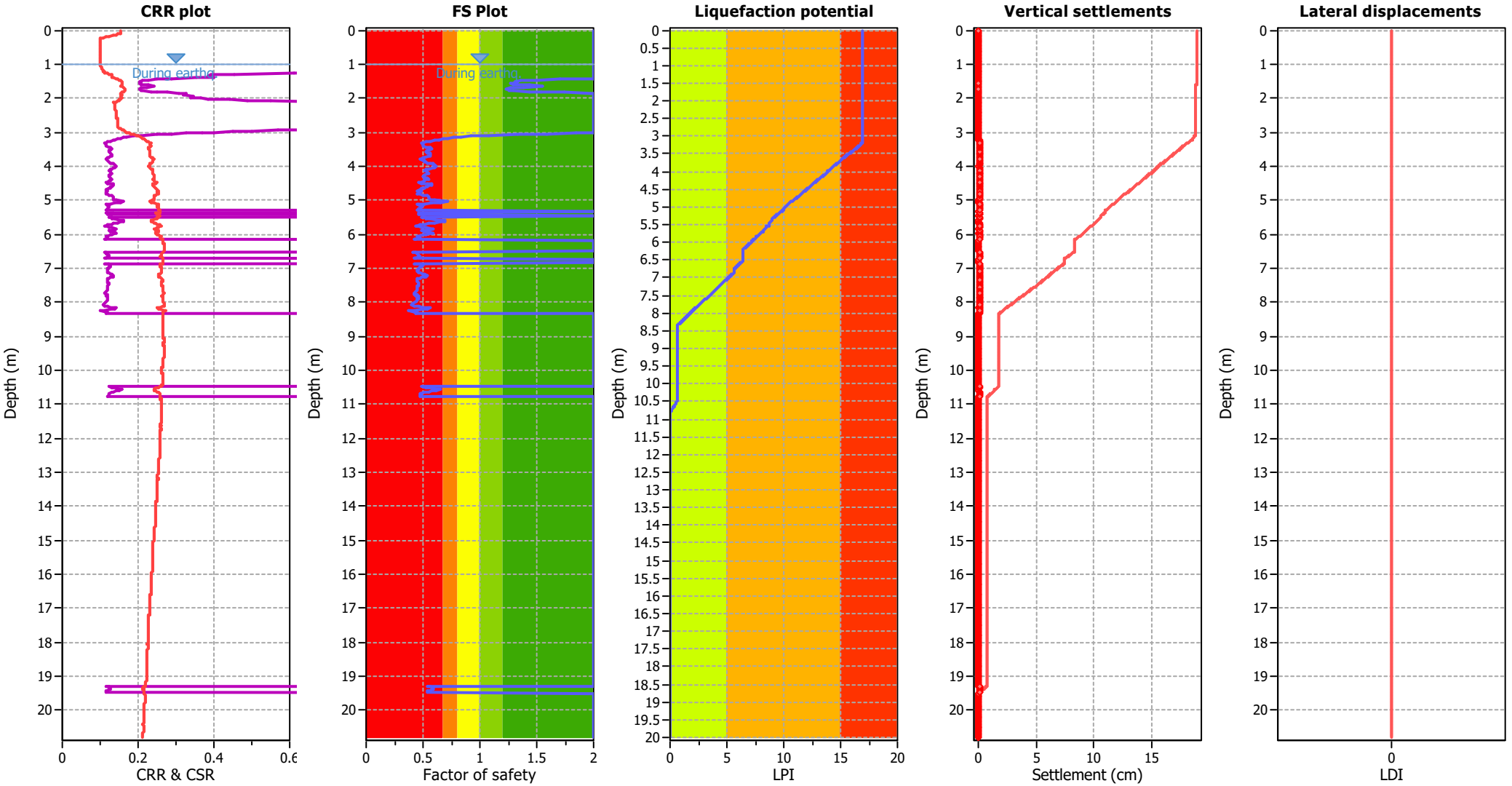
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

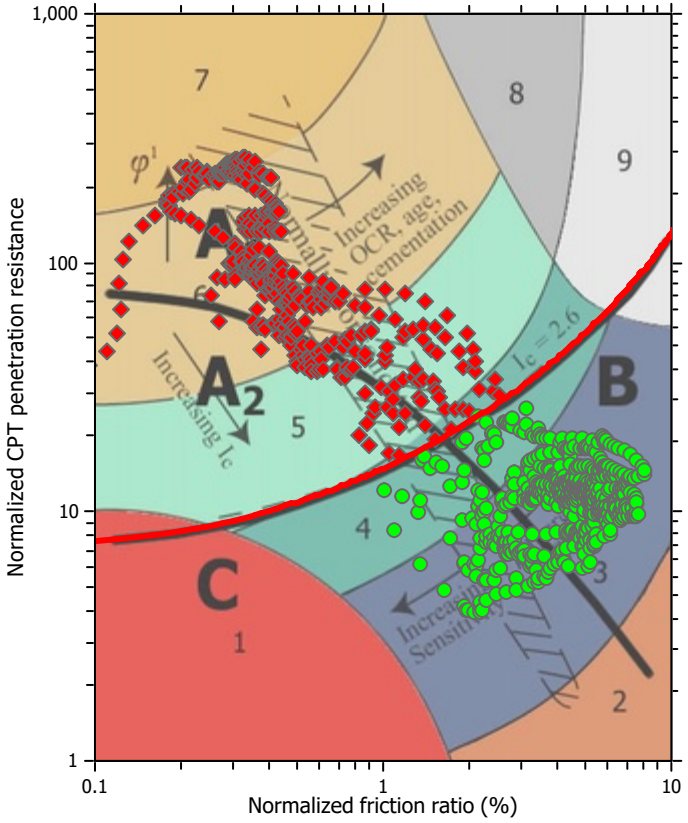
F.S. color scheme

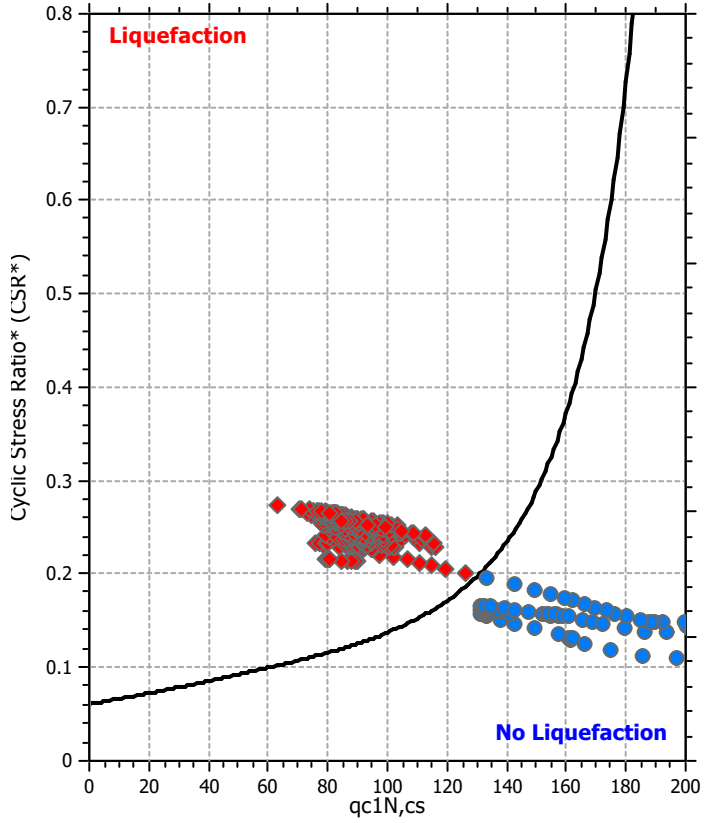
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

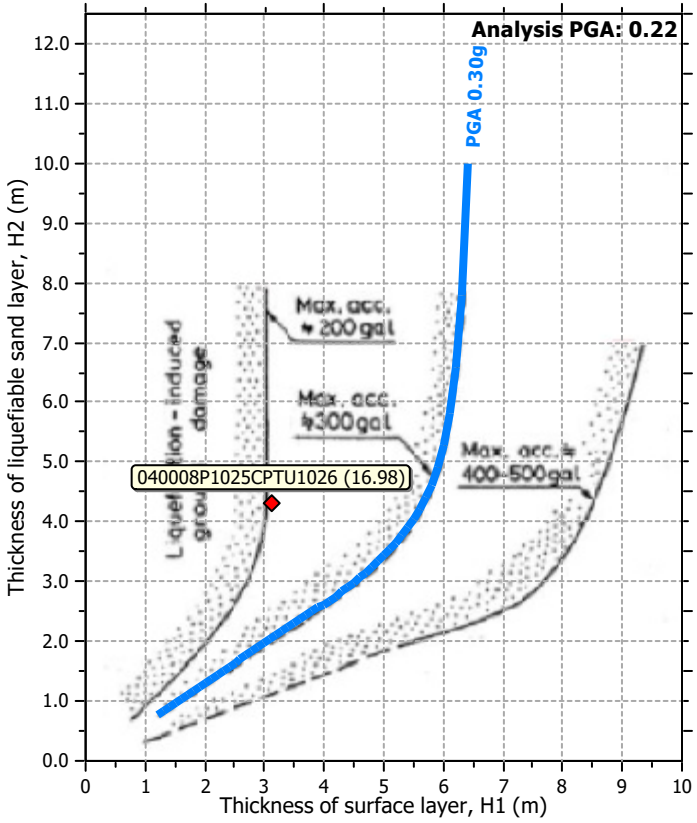
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



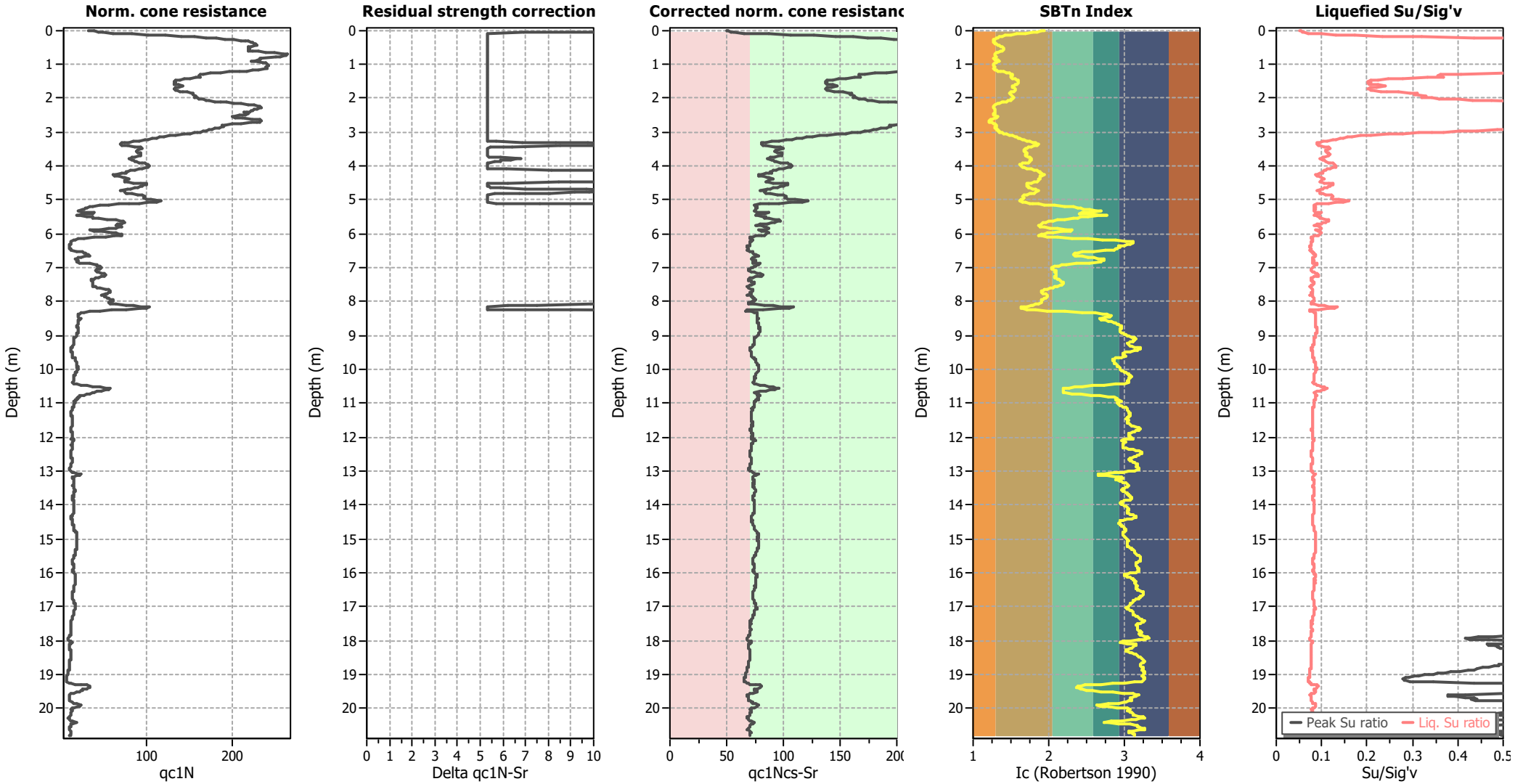




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.02	2.00	0.00	0.00	0.02	0.00	0.04	2.00	0.00	0.00	0.02	0.00
0.06	2.00	0.00	0.00	0.02	0.00	0.08	2.00	0.00	0.00	0.02	0.00
0.10	2.00	0.00	0.00	0.02	0.00	0.12	2.00	0.00	0.00	0.02	0.00
0.14	2.00	0.00	0.00	0.02	0.00	0.16	2.00	0.00	0.00	0.02	0.00
0.18	2.00	0.00	0.00	0.02	0.00	0.20	2.00	0.00	0.00	0.02	0.00
0.22	2.00	0.00	0.00	0.02	0.00	0.24	2.00	0.00	0.00	0.02	0.00
0.26	2.00	0.00	0.00	0.02	0.00	0.28	2.00	0.00	0.00	0.02	0.00
0.30	2.00	0.00	0.00	0.02	0.00	0.32	2.00	0.00	0.00	0.02	0.00
0.34	2.00	0.00	0.00	0.02	0.00	0.36	2.00	0.00	0.00	0.02	0.00
0.38	2.00	0.00	0.00	0.02	0.00	0.40	2.00	0.00	0.00	0.02	0.00
0.42	2.00	0.00	0.00	0.02	0.00	0.44	2.00	0.00	0.00	0.02	0.00
0.46	2.00	0.00	0.00	0.02	0.00	0.48	2.00	0.00	0.00	0.02	0.00
0.50	2.00	0.00	0.00	0.02	0.00	0.52	2.00	0.00	0.00	0.02	0.00
0.54	2.00	0.00	0.00	0.02	0.00	0.56	2.00	0.00	0.00	0.02	0.00
0.58	2.00	0.00	0.00	0.02	0.00	0.60	2.00	0.00	0.00	0.02	0.00
0.62	2.00	0.00	0.00	0.02	0.00	0.64	2.00	0.00	0.00	0.02	0.00
0.66	2.00	0.00	0.00	0.02	0.00	0.68	2.00	0.00	0.00	0.02	0.00
0.70	2.00	0.00	0.00	0.02	0.00	0.72	2.00	0.00	0.00	0.02	0.00
0.74	2.00	0.00	0.00	0.02	0.00	0.76	2.00	0.00	0.00	0.02	0.00
0.78	2.00	0.00	0.00	0.02	0.00	0.80	2.00	0.00	0.00	0.02	0.00
0.82	2.00	0.00	0.00	0.02	0.00	0.84	2.00	0.00	0.00	0.02	0.00
0.86	2.00	0.00	0.00	0.02	0.00	0.88	2.00	0.00	0.00	0.02	0.00
0.90	2.00	0.00	0.00	0.02	0.00	0.92	2.00	0.00	0.00	0.02	0.00
0.94	2.00	0.00	0.00	0.02	0.00	0.96	2.00	0.00	0.00	0.02	0.00
0.98	2.00	0.00	0.00	0.02	0.00	1.00	2.00	0.00	0.00	0.02	0.00
1.02	2.00	0.00	0.00	0.02	0.00	1.04	2.00	0.00	0.00	0.02	0.00
1.06	2.00	0.00	0.00	0.02	0.00	1.08	2.00	0.00	0.00	0.02	0.00
1.10	2.00	0.00	0.00	0.02	0.00	1.12	2.00	0.00	0.00	0.02	0.00
1.14	2.00	0.00	0.00	0.02	0.00	1.16	2.00	0.00	0.00	0.02	0.00
1.18	2.00	0.00	0.00	0.02	0.00	1.20	2.00	0.00	0.00	0.02	0.00
1.22	2.00	0.00	0.00	0.02	0.00	1.24	2.00	0.00	0.00	0.02	0.00
1.26	2.00	0.00	0.00	0.02	0.00	1.28	2.00	0.00	0.00	0.02	0.00
1.30	2.00	0.00	0.00	0.02	0.00	1.32	2.00	0.00	0.00	0.02	0.00
1.34	2.00	0.00	0.00	0.02	0.00	1.36	2.00	0.00	0.00	0.02	0.00
1.38	2.00	0.00	0.00	0.02	0.00	1.40	2.00	0.00	0.00	0.02	0.00
1.42	2.00	0.00	0.00	0.02	0.00	1.44	1.71	0.00	0.00	0.02	0.00
1.46	1.51	0.00	0.00	0.02	0.00	1.48	1.36	0.00	0.00	0.02	0.00
1.50	1.30	0.00	0.00	0.02	0.00	1.52	1.32	0.00	0.00	0.02	0.00
1.54	1.34	0.00	0.00	0.02	0.00	1.56	1.32	0.00	0.00	0.02	0.00
1.58	1.27	0.00	0.00	0.02	0.00	1.60	1.29	0.00	0.00	0.02	0.00
1.62	1.43	0.00	0.00	0.02	0.00	1.64	1.56	0.00	0.00	0.02	0.00
1.66	1.55	0.00	0.00	0.02	0.00	1.68	1.38	0.00	0.00	0.02	0.00
1.70	1.27	0.00	0.00	0.02	0.00	1.72	1.24	0.00	0.00	0.02	0.00
1.74	1.24	0.00	0.00	0.02	0.00	1.76	1.26	0.00	0.00	0.02	0.00
1.78	1.29	0.00	0.00	0.02	0.00	1.80	1.43	0.00	0.00	0.02	0.00
1.82	1.54	0.00	0.00	0.02	0.00	1.84	1.74	0.00	0.00	0.02	0.00
1.86	1.97	0.00	0.00	0.02	0.00	1.88	2.00	0.00	0.00	0.02	0.00
1.90	2.00	0.00	0.00	0.02	0.00	1.92	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.94	2.00	0.00	0.00	0.02	0.00	1.96	2.00	0.00	0.00	0.02	0.00
1.98	2.00	0.00	0.00	0.02	0.00	2.00	2.00	0.00	0.00	0.02	0.00
2.02	2.00	0.00	0.00	0.02	0.00	2.04	2.00	0.00	0.00	0.02	0.00
2.06	2.00	0.00	0.00	0.02	0.00	2.08	2.00	0.00	0.00	0.02	0.00
2.10	2.00	0.00	0.00	0.02	0.00	2.12	2.00	0.00	0.00	0.02	0.00
2.14	2.00	0.00	0.00	0.02	0.00	2.16	2.00	0.00	0.00	0.02	0.00
2.18	2.00	0.00	0.00	0.02	0.00	2.20	2.00	0.00	0.00	0.02	0.00
2.22	2.00	0.00	0.00	0.02	0.00	2.24	2.00	0.00	0.00	0.02	0.00
2.26	2.00	0.00	0.00	0.02	0.00	2.28	2.00	0.00	0.00	0.02	0.00
2.30	2.00	0.00	0.00	0.02	0.00	2.32	2.00	0.00	0.00	0.02	0.00
2.34	2.00	0.00	0.00	0.02	0.00	2.36	2.00	0.00	0.00	0.02	0.00
2.38	2.00	0.00	0.00	0.02	0.00	2.40	2.00	0.00	0.00	0.02	0.00
2.42	2.00	0.00	0.00	0.02	0.00	2.44	2.00	0.00	0.00	0.02	0.00
2.46	2.00	0.00	0.00	0.02	0.00	2.48	2.00	0.00	0.00	0.02	0.00
2.50	2.00	0.00	0.00	0.02	0.00	2.52	2.00	0.00	0.00	0.02	0.00
2.54	2.00	0.00	0.00	0.02	0.00	2.56	2.00	0.00	0.00	0.02	0.00
2.58	2.00	0.00	0.00	0.02	0.00	2.60	2.00	0.00	0.00	0.02	0.00
2.62	2.00	0.00	0.00	0.02	0.00	2.64	2.00	0.00	0.00	0.02	0.00
2.66	2.00	0.00	0.00	0.02	0.00	2.68	2.00	0.00	0.00	0.02	0.00
2.70	2.00	0.00	0.00	0.02	0.00	2.72	2.00	0.00	0.00	0.02	0.00
2.74	2.00	0.00	0.00	0.02	0.00	2.76	2.00	0.00	0.00	0.02	0.00
2.78	2.00	0.00	0.00	0.02	0.00	2.80	2.00	0.00	0.00	0.02	0.00
2.82	2.00	0.00	0.00	0.02	0.00	2.84	2.00	0.00	0.00	0.02	0.00
2.86	2.00	0.00	0.00	0.02	0.00	2.88	2.00	0.00	0.00	0.02	0.00
2.90	2.00	0.00	0.00	0.02	0.00	2.92	2.00	0.00	0.00	0.02	0.00
2.94	2.00	0.00	0.00	0.02	0.00	2.96	2.00	0.00	0.00	0.02	0.00
2.98	2.00	0.00	0.00	0.02	0.00	3.00	2.00	0.00	0.00	0.02	0.00
3.02	2.00	0.00	0.00	0.02	0.00	3.04	1.85	0.00	0.00	0.02	0.00
3.06	1.59	0.00	0.00	0.02	0.00	3.08	1.33	0.00	0.00	0.02	0.00
3.10	1.07	0.00	0.00	0.02	0.00	3.12	0.93	0.00	0.00	0.02	0.01
3.14	0.83	0.00	0.00	0.02	0.03	3.16	0.77	0.00	0.00	0.02	0.04
3.18	0.72	0.00	0.00	0.02	0.05	3.20	0.68	0.32	0.85	0.02	0.05
3.22	0.64	0.36	0.73	0.02	0.06	3.24	0.61	0.39	0.65	0.02	0.07
3.26	0.56	0.44	0.56	0.02	0.07	3.28	0.52	0.48	0.51	0.02	0.08
3.30	0.49	0.51	0.47	0.02	0.08	3.32	0.48	0.52	0.46	0.02	0.09
3.34	0.49	0.51	0.46	0.02	0.09	3.36	0.50	0.50	0.47	0.02	0.08
3.38	0.50	0.50	0.48	0.02	0.08	3.40	0.50	0.50	0.47	0.02	0.08
3.42	0.49	0.51	0.47	0.02	0.08	3.44	0.53	0.47	0.51	0.02	0.08
3.46	0.56	0.44	0.57	0.02	0.07	3.48	0.58	0.42	0.60	0.02	0.07
3.50	0.58	0.42	0.59	0.02	0.07	3.52	0.55	0.45	0.54	0.02	0.07
3.54	0.54	0.46	0.53	0.02	0.08	3.56	0.53	0.47	0.52	0.02	0.08
3.58	0.53	0.47	0.52	0.02	0.08	3.60	0.54	0.46	0.53	0.02	0.08
3.62	0.55	0.45	0.55	0.02	0.07	3.64	0.56	0.44	0.56	0.02	0.07
3.66	0.56	0.44	0.56	0.02	0.07	3.68	0.56	0.44	0.57	0.02	0.07
3.70	0.56	0.44	0.56	0.02	0.07	3.72	0.55	0.45	0.54	0.02	0.07
3.74	0.52	0.48	0.50	0.02	0.08	3.76	0.49	0.51	0.47	0.02	0.08
3.78	0.49	0.51	0.46	0.02	0.08	3.80	0.48	0.52	0.45	0.02	0.08
3.82	0.50	0.50	0.48	0.02	0.08	3.84	0.51	0.49	0.49	0.02	0.08

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.86	0.51	0.49	0.50	0.02	0.08	3.88	0.52	0.48	0.50	0.02	0.08
3.90	0.54	0.46	0.53	0.02	0.07	3.92	0.56	0.44	0.56	0.02	0.07
3.94	0.58	0.42	0.60	0.02	0.07	3.96	0.59	0.41	0.62	0.02	0.07
3.98	0.60	0.40	0.64	0.02	0.06	4.00	0.62	0.38	0.66	0.02	0.06
4.02	0.61	0.39	0.66	0.02	0.06	4.04	0.60	0.40	0.64	0.02	0.06
4.06	0.59	0.41	0.60	0.02	0.07	4.08	0.56	0.44	0.56	0.02	0.07
4.10	0.53	0.47	0.51	0.02	0.07	4.12	0.52	0.48	0.50	0.02	0.08
4.14	0.53	0.47	0.51	0.02	0.08	4.16	0.54	0.46	0.52	0.02	0.07
4.18	0.54	0.46	0.53	0.02	0.07	4.20	0.55	0.45	0.54	0.02	0.07
4.22	0.54	0.46	0.53	0.02	0.07	4.24	0.54	0.46	0.52	0.02	0.07
4.26	0.52	0.48	0.50	0.02	0.08	4.28	0.51	0.49	0.49	0.02	0.08
4.30	0.50	0.50	0.48	0.02	0.08	4.32	0.50	0.50	0.48	0.02	0.08
4.34	0.53	0.47	0.51	0.02	0.07	4.36	0.53	0.47	0.52	0.02	0.07
4.38	0.55	0.45	0.54	0.02	0.07	4.40	0.52	0.48	0.50	0.02	0.08
4.42	0.51	0.49	0.50	0.02	0.08	4.44	0.51	0.49	0.49	0.02	0.08
4.46	0.49	0.51	0.46	0.02	0.08	4.48	0.47	0.53	0.44	0.02	0.08
4.50	0.49	0.51	0.47	0.02	0.08	4.52	0.53	0.47	0.52	0.02	0.07
4.54	0.57	0.43	0.58	0.02	0.07	4.56	0.57	0.43	0.58	0.02	0.07
4.58	0.56	0.44	0.56	0.02	0.07	4.60	0.54	0.46	0.53	0.02	0.07
4.62	0.53	0.47	0.51	0.02	0.07	4.64	0.51	0.49	0.49	0.02	0.07
4.66	0.49	0.51	0.47	0.02	0.08	4.68	0.47	0.53	0.44	0.02	0.08
4.70	0.47	0.53	0.45	0.02	0.08	4.72	0.45	0.55	0.43	0.02	0.08
4.74	0.48	0.52	0.46	0.02	0.08	4.76	0.46	0.54	0.44	0.02	0.08
4.78	0.46	0.54	0.43	0.02	0.08	4.80	0.45	0.55	0.43	0.02	0.08
4.82	0.45	0.55	0.43	0.02	0.08	4.84	0.47	0.53	0.45	0.02	0.08
4.86	0.50	0.50	0.48	0.02	0.08	4.88	0.54	0.46	0.53	0.02	0.07
4.90	0.56	0.44	0.55	0.02	0.07	4.92	0.55	0.45	0.55	0.02	0.07
4.94	0.55	0.45	0.54	0.02	0.07	4.96	0.55	0.45	0.54	0.02	0.07
4.98	0.56	0.44	0.56	0.02	0.07	5.00	0.61	0.39	0.64	0.02	0.06
5.02	0.70	0.30	0.92	0.02	0.04	5.04	0.71	0.00	0.00	0.02	0.04
5.06	0.66	0.34	0.77	0.02	0.05	5.08	0.58	0.42	0.59	0.02	0.06
5.10	0.51	0.49	0.49	0.02	0.07	5.12	0.46	0.54	0.43	0.02	0.08
5.14	0.45	0.55	0.43	0.02	0.08	5.16	0.48	0.52	0.45	0.02	0.08
5.18	0.50	0.50	0.48	0.02	0.07	5.20	0.49	0.51	0.47	0.02	0.08
5.22	0.48	0.52	0.46	0.02	0.08	5.24	0.48	0.52	0.45	0.02	0.08
5.26	0.46	0.54	0.44	0.02	0.08	5.28	0.46	0.54	0.44	0.02	0.08
5.30	0.45	0.55	0.43	0.02	0.08	5.32	2.00	0.00	0.00	0.02	0.00
5.34	2.00	0.00	0.00	0.02	0.00	5.36	0.46	0.54	0.43	0.02	0.08
5.38	0.54	0.46	0.53	0.02	0.07	5.40	0.52	0.48	0.50	0.02	0.07
5.42	0.46	0.54	0.44	0.02	0.08	5.44	2.00	0.00	0.00	0.02	0.00
5.46	2.00	0.00	0.00	0.02	0.00	5.48	2.00	0.00	0.00	0.02	0.00
5.50	0.49	0.51	0.47	0.02	0.07	5.52	0.52	0.48	0.51	0.02	0.07
5.54	0.52	0.48	0.51	0.02	0.07	5.56	0.56	0.44	0.56	0.02	0.06
5.58	0.63	0.37	0.70	0.02	0.05	5.60	0.69	0.31	0.88	0.02	0.04
5.62	0.69	0.31	0.88	0.02	0.04	5.64	0.65	0.35	0.75	0.02	0.05
5.66	0.60	0.40	0.64	0.02	0.06	5.68	0.55	0.45	0.54	0.02	0.06
5.70	0.51	0.49	0.50	0.02	0.07	5.72	0.47	0.53	0.45	0.02	0.08
5.74	0.45	0.55	0.43	0.02	0.08	5.76	0.43	0.57	0.41	0.02	0.08

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.78	0.46	0.54	0.44	0.02	0.08	5.80	0.48	0.52	0.46	0.02	0.07
5.82	0.53	0.47	0.52	0.02	0.07	5.84	0.58	0.42	0.59	0.02	0.06
5.86	0.59	0.41	0.61	0.02	0.06	5.88	0.54	0.46	0.53	0.02	0.06
5.90	0.48	0.52	0.46	0.02	0.07	5.92	0.51	0.49	0.49	0.02	0.07
5.94	0.55	0.45	0.55	0.02	0.06	5.96	0.58	0.42	0.60	0.02	0.06
5.98	0.56	0.44	0.56	0.02	0.06	6.00	0.52	0.48	0.51	0.02	0.07
6.02	0.50	0.50	0.48	0.02	0.07	6.04	0.47	0.53	0.44	0.02	0.07
6.06	0.45	0.55	0.43	0.02	0.08	6.08	0.45	0.55	0.43	0.02	0.08
6.10	0.47	0.53	0.45	0.02	0.07	6.12	0.46	0.54	0.44	0.02	0.08
6.14	0.44	0.56	0.42	0.02	0.08	6.16	0.42	0.58	0.40	0.02	0.08
6.18	2.00	0.00	0.00	0.02	0.00	6.20	2.00	0.00	0.00	0.02	0.00
6.22	2.00	0.00	0.00	0.02	0.00	6.24	2.00	0.00	0.00	0.02	0.00
6.26	2.00	0.00	0.00	0.02	0.00	6.28	2.00	0.00	0.00	0.02	0.00
6.30	2.00	0.00	0.00	0.02	0.00	6.32	2.00	0.00	0.00	0.02	0.00
6.34	2.00	0.00	0.00	0.02	0.00	6.36	2.00	0.00	0.00	0.02	0.00
6.38	2.00	0.00	0.00	0.02	0.00	6.40	2.00	0.00	0.00	0.02	0.00
6.42	2.00	0.00	0.00	0.02	0.00	6.44	2.00	0.00	0.00	0.02	0.00
6.46	2.00	0.00	0.00	0.02	0.00	6.48	2.00	0.00	0.00	0.02	0.00
6.50	2.00	0.00	0.00	0.02	0.00	6.52	0.41	0.59	0.40	0.02	0.08
6.54	0.44	0.56	0.41	0.02	0.08	6.56	0.45	0.55	0.42	0.02	0.07
6.58	0.45	0.55	0.43	0.02	0.07	6.60	0.46	0.54	0.43	0.02	0.07
6.62	0.47	0.53	0.44	0.02	0.07	6.64	0.48	0.52	0.45	0.02	0.07
6.66	0.47	0.53	0.45	0.02	0.07	6.68	0.46	0.54	0.44	0.02	0.07
6.70	0.44	0.56	0.41	0.02	0.07	6.72	0.42	0.58	0.40	0.02	0.08
6.74	2.00	0.00	0.00	0.02	0.00	6.76	2.00	0.00	0.00	0.02	0.00
6.78	2.00	0.00	0.00	0.02	0.00	6.80	2.00	0.00	0.00	0.02	0.00
6.82	2.00	0.00	0.00	0.02	0.00	6.84	2.00	0.00	0.00	0.02	0.00
6.86	0.42	0.58	0.40	0.02	0.08	6.88	0.48	0.52	0.46	0.02	0.07
6.90	0.49	0.51	0.47	0.02	0.07	6.92	0.49	0.51	0.47	0.02	0.07
6.94	0.49	0.51	0.46	0.02	0.07	6.96	0.48	0.52	0.46	0.02	0.07
6.98	0.48	0.52	0.45	0.02	0.07	7.00	0.47	0.53	0.44	0.02	0.07
7.02	0.46	0.54	0.44	0.02	0.07	7.04	0.46	0.54	0.43	0.02	0.07
7.06	0.45	0.55	0.43	0.02	0.07	7.08	0.45	0.55	0.43	0.02	0.07
7.10	0.45	0.55	0.43	0.02	0.07	7.12	0.46	0.54	0.44	0.02	0.07
7.14	0.47	0.53	0.45	0.02	0.07	7.16	0.50	0.50	0.47	0.02	0.06
7.18	0.52	0.48	0.50	0.02	0.06	7.20	0.53	0.47	0.52	0.02	0.06
7.22	0.53	0.47	0.52	0.02	0.06	7.24	0.52	0.48	0.51	0.02	0.06
7.26	0.51	0.49	0.49	0.02	0.06	7.28	0.48	0.52	0.46	0.02	0.07
7.30	0.47	0.53	0.44	0.02	0.07	7.32	0.45	0.55	0.43	0.02	0.07
7.34	0.45	0.55	0.43	0.02	0.07	7.36	0.44	0.56	0.42	0.02	0.07
7.38	0.45	0.55	0.42	0.02	0.07	7.40	0.45	0.55	0.43	0.02	0.07
7.42	0.46	0.54	0.44	0.02	0.07	7.44	0.47	0.53	0.44	0.02	0.07
7.46	0.47	0.53	0.44	0.02	0.07	7.48	0.46	0.54	0.44	0.02	0.07
7.50	0.46	0.54	0.43	0.02	0.07	7.52	0.45	0.55	0.43	0.02	0.07
7.54	0.45	0.55	0.42	0.02	0.07	7.56	0.44	0.56	0.42	0.02	0.07
7.58	0.45	0.55	0.42	0.02	0.07	7.60	0.45	0.55	0.42	0.02	0.07
7.62	0.45	0.55	0.43	0.02	0.07	7.64	0.45	0.55	0.43	0.02	0.07
7.66	0.45	0.55	0.43	0.02	0.07	7.68	0.44	0.56	0.42	0.02	0.07

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.70	0.43	0.57	0.41	0.02	0.07	7.72	0.42	0.58	0.40	0.02	0.07
7.74	0.42	0.58	0.40	0.02	0.07	7.76	0.43	0.57	0.41	0.02	0.07
7.78	0.45	0.55	0.42	0.02	0.07	7.80	0.43	0.57	0.41	0.02	0.07
7.82	0.46	0.54	0.43	0.02	0.07	7.84	0.45	0.55	0.43	0.02	0.07
7.86	0.45	0.55	0.43	0.02	0.07	7.88	0.46	0.54	0.43	0.02	0.07
7.90	0.46	0.54	0.43	0.02	0.07	7.92	0.45	0.55	0.43	0.02	0.07
7.94	0.45	0.55	0.42	0.02	0.07	7.96	0.44	0.56	0.42	0.02	0.07
7.98	0.44	0.56	0.42	0.02	0.07	8.00	0.43	0.57	0.41	0.02	0.07
8.02	0.42	0.58	0.40	0.02	0.07	8.04	0.41	0.59	0.39	0.02	0.07
8.06	0.40	0.60	0.38	0.02	0.07	8.08	0.40	0.60	0.39	0.02	0.07
8.10	0.42	0.58	0.40	0.02	0.07	8.12	0.46	0.54	0.43	0.02	0.06
8.14	0.49	0.51	0.47	0.02	0.06	8.16	0.55	0.45	0.54	0.02	0.05
8.18	0.56	0.44	0.57	0.02	0.05	8.20	0.54	0.46	0.53	0.02	0.05
8.22	0.49	0.51	0.47	0.02	0.06	8.24	0.42	0.58	0.40	0.02	0.07
8.26	0.37	0.63	0.37	0.02	0.07	8.28	0.43	0.57	0.41	0.02	0.07
8.30	0.45	0.55	0.42	0.02	0.06	8.32	0.44	0.56	0.42	0.02	0.07
8.34	2.00	0.00	0.00	0.02	0.00	8.36	2.00	0.00	0.00	0.02	0.00
8.38	2.00	0.00	0.00	0.02	0.00	8.40	2.00	0.00	0.00	0.02	0.00
8.42	2.00	0.00	0.00	0.02	0.00	8.44	2.00	0.00	0.00	0.02	0.00
8.46	2.00	0.00	0.00	0.02	0.00	8.48	2.00	0.00	0.00	0.02	0.00
8.50	2.00	0.00	0.00	0.02	0.00	8.52	2.00	0.00	0.00	0.02	0.00
8.54	2.00	0.00	0.00	0.02	0.00	8.56	2.00	0.00	0.00	0.02	0.00
8.58	2.00	0.00	0.00	0.02	0.00	8.60	2.00	0.00	0.00	0.02	0.00
8.62	2.00	0.00	0.00	0.02	0.00	8.64	2.00	0.00	0.00	0.02	0.00
8.66	2.00	0.00	0.00	0.02	0.00	8.68	2.00	0.00	0.00	0.02	0.00
8.70	2.00	0.00	0.00	0.02	0.00	8.72	2.00	0.00	0.00	0.02	0.00
8.74	2.00	0.00	0.00	0.02	0.00	8.76	2.00	0.00	0.00	0.02	0.00
8.78	2.00	0.00	0.00	0.02	0.00	8.80	2.00	0.00	0.00	0.02	0.00
8.82	2.00	0.00	0.00	0.02	0.00	8.84	2.00	0.00	0.00	0.02	0.00
8.86	2.00	0.00	0.00	0.02	0.00	8.88	2.00	0.00	0.00	0.02	0.00
8.90	2.00	0.00	0.00	0.02	0.00	8.92	2.00	0.00	0.00	0.02	0.00
8.94	2.00	0.00	0.00	0.02	0.00	8.96	2.00	0.00	0.00	0.02	0.00
8.98	2.00	0.00	0.00	0.02	0.00	9.00	2.00	0.00	0.00	0.02	0.00
9.02	2.00	0.00	0.00	0.02	0.00	9.04	2.00	0.00	0.00	0.02	0.00
9.06	2.00	0.00	0.00	0.02	0.00	9.08	2.00	0.00	0.00	0.02	0.00
9.10	2.00	0.00	0.00	0.02	0.00	9.12	2.00	0.00	0.00	0.02	0.00
9.14	2.00	0.00	0.00	0.02	0.00	9.16	2.00	0.00	0.00	0.02	0.00
9.18	2.00	0.00	0.00	0.02	0.00	9.20	2.00	0.00	0.00	0.02	0.00
9.22	2.00	0.00	0.00	0.02	0.00	9.24	2.00	0.00	0.00	0.02	0.00
9.26	2.00	0.00	0.00	0.02	0.00	9.28	2.00	0.00	0.00	0.02	0.00
9.30	2.00	0.00	0.00	0.02	0.00	9.32	2.00	0.00	0.00	0.02	0.00
9.34	2.00	0.00	0.00	0.02	0.00	9.36	2.00	0.00	0.00	0.02	0.00
9.38	2.00	0.00	0.00	0.02	0.00	9.40	2.00	0.00	0.00	0.02	0.00
9.42	2.00	0.00	0.00	0.02	0.00	9.44	2.00	0.00	0.00	0.02	0.00
9.46	2.00	0.00	0.00	0.02	0.00	9.48	2.00	0.00	0.00	0.02	0.00
9.50	2.00	0.00	0.00	0.02	0.00	9.52	2.00	0.00	0.00	0.02	0.00
9.54	2.00	0.00	0.00	0.02	0.00	9.56	2.00	0.00	0.00	0.02	0.00
9.58	2.00	0.00	0.00	0.02	0.00	9.60	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.62	2.00	0.00	0.00	0.02	0.00	9.64	2.00	0.00	0.00	0.02	0.00
9.66	2.00	0.00	0.00	0.02	0.00	9.68	2.00	0.00	0.00	0.02	0.00
9.70	2.00	0.00	0.00	0.02	0.00	9.72	2.00	0.00	0.00	0.02	0.00
9.74	2.00	0.00	0.00	0.02	0.00	9.76	2.00	0.00	0.00	0.02	0.00
9.78	2.00	0.00	0.00	0.02	0.00	9.80	2.00	0.00	0.00	0.02	0.00
9.82	2.00	0.00	0.00	0.02	0.00	9.84	2.00	0.00	0.00	0.02	0.00
9.86	2.00	0.00	0.00	0.02	0.00	9.88	2.00	0.00	0.00	0.02	0.00
9.90	2.00	0.00	0.00	0.02	0.00	9.92	2.00	0.00	0.00	0.02	0.00
9.94	2.00	0.00	0.00	0.02	0.00	9.96	2.00	0.00	0.00	0.02	0.00
9.98	2.00	0.00	0.00	0.02	0.00	10.00	2.00	0.00	0.00	0.02	0.00
10.02	2.00	0.00	0.00	0.02	0.00	10.04	2.00	0.00	0.00	0.02	0.00
10.06	2.00	0.00	0.00	0.02	0.00	10.08	2.00	0.00	0.00	0.02	0.00
10.10	2.00	0.00	0.00	0.02	0.00	10.12	2.00	0.00	0.00	0.02	0.00
10.14	2.00	0.00	0.00	0.02	0.00	10.16	2.00	0.00	0.00	0.02	0.00
10.18	2.00	0.00	0.00	0.02	0.00	10.20	2.00	0.00	0.00	0.02	0.00
10.22	2.00	0.00	0.00	0.02	0.00	10.24	2.00	0.00	0.00	0.02	0.00
10.26	2.00	0.00	0.00	0.02	0.00	10.28	2.00	0.00	0.00	0.02	0.00
10.30	2.00	0.00	0.00	0.02	0.00	10.32	2.00	0.00	0.00	0.02	0.00
10.34	2.00	0.00	0.00	0.02	0.00	10.36	2.00	0.00	0.00	0.02	0.00
10.38	2.00	0.00	0.00	0.02	0.00	10.40	2.00	0.00	0.00	0.02	0.00
10.42	2.00	0.00	0.00	0.02	0.00	10.44	2.00	0.00	0.00	0.02	0.00
10.46	2.00	0.00	0.00	0.02	0.00	10.48	0.49	0.51	0.46	0.02	0.05
10.50	0.53	0.47	0.51	0.02	0.05	10.52	0.57	0.43	0.58	0.02	0.04
10.54	0.61	0.39	0.66	0.02	0.04	10.56	0.65	0.35	0.76	0.02	0.03
10.58	0.65	0.35	0.75	0.02	0.03	10.60	0.62	0.38	0.67	0.02	0.04
10.62	0.58	0.42	0.60	0.02	0.04	10.64	0.55	0.45	0.54	0.02	0.04
10.66	0.51	0.49	0.49	0.02	0.05	10.68	0.48	0.52	0.46	0.02	0.05
10.70	0.48	0.52	0.45	0.02	0.05	10.72	0.48	0.52	0.46	0.02	0.05
10.74	0.47	0.53	0.45	0.02	0.05	10.76	0.47	0.53	0.44	0.02	0.05
10.78	2.00	0.00	0.00	0.02	0.00	10.80	2.00	0.00	0.00	0.02	0.00
10.82	2.00	0.00	0.00	0.02	0.00	10.84	2.00	0.00	0.00	0.02	0.00
10.86	2.00	0.00	0.00	0.02	0.00	10.88	2.00	0.00	0.00	0.02	0.00
10.90	2.00	0.00	0.00	0.02	0.00	10.92	2.00	0.00	0.00	0.02	0.00
10.94	2.00	0.00	0.00	0.02	0.00	10.96	2.00	0.00	0.00	0.02	0.00
10.98	2.00	0.00	0.00	0.02	0.00	11.00	2.00	0.00	0.00	0.02	0.00
11.02	2.00	0.00	0.00	0.02	0.00	11.04	2.00	0.00	0.00	0.02	0.00
11.06	2.00	0.00	0.00	0.02	0.00	11.08	2.00	0.00	0.00	0.02	0.00
11.10	2.00	0.00	0.00	0.02	0.00	11.12	2.00	0.00	0.00	0.02	0.00
11.14	2.00	0.00	0.00	0.02	0.00	11.16	2.00	0.00	0.00	0.02	0.00
11.18	2.00	0.00	0.00	0.02	0.00	11.20	2.00	0.00	0.00	0.02	0.00
11.22	2.00	0.00	0.00	0.02	0.00	11.24	2.00	0.00	0.00	0.02	0.00
11.26	2.00	0.00	0.00	0.02	0.00	11.28	2.00	0.00	0.00	0.02	0.00
11.30	2.00	0.00	0.00	0.02	0.00	11.32	2.00	0.00	0.00	0.02	0.00
11.34	2.00	0.00	0.00	0.02	0.00	11.36	2.00	0.00	0.00	0.02	0.00
11.38	2.00	0.00	0.00	0.02	0.00	11.40	2.00	0.00	0.00	0.02	0.00
11.42	2.00	0.00	0.00	0.02	0.00	11.44	2.00	0.00	0.00	0.02	0.00
11.46	2.00	0.00	0.00	0.02	0.00	11.48	2.00	0.00	0.00	0.02	0.00
11.50	2.00	0.00	0.00	0.02	0.00	11.52	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.54	2.00	0.00	0.00	0.02	0.00	11.56	2.00	0.00	0.00	0.02	0.00
11.58	2.00	0.00	0.00	0.02	0.00	11.60	2.00	0.00	0.00	0.02	0.00
11.62	2.00	0.00	0.00	0.02	0.00	11.64	2.00	0.00	0.00	0.02	0.00
11.66	2.00	0.00	0.00	0.02	0.00	11.68	2.00	0.00	0.00	0.02	0.00
11.70	2.00	0.00	0.00	0.02	0.00	11.72	2.00	0.00	0.00	0.02	0.00
11.74	2.00	0.00	0.00	0.02	0.00	11.76	2.00	0.00	0.00	0.02	0.00
11.78	2.00	0.00	0.00	0.02	0.00	11.80	2.00	0.00	0.00	0.02	0.00
11.82	2.00	0.00	0.00	0.02	0.00	11.84	2.00	0.00	0.00	0.02	0.00
11.86	2.00	0.00	0.00	0.02	0.00	11.88	2.00	0.00	0.00	0.02	0.00
11.90	2.00	0.00	0.00	0.02	0.00	11.92	2.00	0.00	0.00	0.02	0.00
11.94	2.00	0.00	0.00	0.02	0.00	11.96	2.00	0.00	0.00	0.02	0.00
11.98	2.00	0.00	0.00	0.02	0.00	12.00	2.00	0.00	0.00	0.02	0.00
12.02	2.00	0.00	0.00	0.02	0.00	12.04	2.00	0.00	0.00	0.02	0.00
12.06	2.00	0.00	0.00	0.02	0.00	12.08	2.00	0.00	0.00	0.02	0.00
12.10	2.00	0.00	0.00	0.02	0.00	12.12	2.00	0.00	0.00	0.02	0.00
12.14	2.00	0.00	0.00	0.02	0.00	12.16	2.00	0.00	0.00	0.02	0.00
12.18	2.00	0.00	0.00	0.02	0.00	12.20	2.00	0.00	0.00	0.02	0.00
12.22	2.00	0.00	0.00	0.02	0.00	12.24	2.00	0.00	0.00	0.02	0.00
12.26	2.00	0.00	0.00	0.02	0.00	12.28	2.00	0.00	0.00	0.02	0.00
12.30	2.00	0.00	0.00	0.02	0.00	12.32	2.00	0.00	0.00	0.02	0.00
12.34	2.00	0.00	0.00	0.02	0.00	12.36	2.00	0.00	0.00	0.02	0.00
12.38	2.00	0.00	0.00	0.02	0.00	12.40	2.00	0.00	0.00	0.02	0.00
12.42	2.00	0.00	0.00	0.02	0.00	12.44	2.00	0.00	0.00	0.02	0.00
12.46	2.00	0.00	0.00	0.02	0.00	12.48	2.00	0.00	0.00	0.02	0.00
12.50	2.00	0.00	0.00	0.02	0.00	12.52	2.00	0.00	0.00	0.02	0.00
12.54	2.00	0.00	0.00	0.02	0.00	12.56	2.00	0.00	0.00	0.02	0.00
12.58	2.00	0.00	0.00	0.02	0.00	12.60	2.00	0.00	0.00	0.02	0.00
12.62	2.00	0.00	0.00	0.02	0.00	12.64	2.00	0.00	0.00	0.02	0.00
12.66	2.00	0.00	0.00	0.02	0.00	12.68	2.00	0.00	0.00	0.02	0.00
12.70	2.00	0.00	0.00	0.02	0.00	12.72	2.00	0.00	0.00	0.02	0.00
12.74	2.00	0.00	0.00	0.02	0.00	12.76	2.00	0.00	0.00	0.02	0.00
12.78	2.00	0.00	0.00	0.02	0.00	12.80	2.00	0.00	0.00	0.02	0.00
12.82	2.00	0.00	0.00	0.02	0.00	12.84	2.00	0.00	0.00	0.02	0.00
12.86	2.00	0.00	0.00	0.02	0.00	12.88	2.00	0.00	0.00	0.02	0.00
12.90	2.00	0.00	0.00	0.02	0.00	12.92	2.00	0.00	0.00	0.02	0.00
12.94	2.00	0.00	0.00	0.02	0.00	12.96	2.00	0.00	0.00	0.02	0.00
12.98	2.00	0.00	0.00	0.02	0.00	13.00	2.00	0.00	0.00	0.02	0.00
13.02	2.00	0.00	0.00	0.02	0.00	13.04	2.00	0.00	0.00	0.02	0.00
13.06	2.00	0.00	0.00	0.02	0.00	13.08	2.00	0.00	0.00	0.02	0.00
13.10	2.00	0.00	0.00	0.02	0.00	13.12	2.00	0.00	0.00	0.02	0.00
13.14	2.00	0.00	0.00	0.02	0.00	13.16	2.00	0.00	0.00	0.02	0.00
13.18	2.00	0.00	0.00	0.02	0.00	13.20	2.00	0.00	0.00	0.02	0.00
13.22	2.00	0.00	0.00	0.02	0.00	13.24	2.00	0.00	0.00	0.02	0.00
13.26	2.00	0.00	0.00	0.02	0.00	13.28	2.00	0.00	0.00	0.02	0.00
13.30	2.00	0.00	0.00	0.02	0.00	13.32	2.00	0.00	0.00	0.02	0.00
13.34	2.00	0.00	0.00	0.02	0.00	13.36	2.00	0.00	0.00	0.02	0.00
13.38	2.00	0.00	0.00	0.02	0.00	13.40	2.00	0.00	0.00	0.02	0.00
13.42	2.00	0.00	0.00	0.02	0.00	13.44	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.46	2.00	0.00	0.00	0.02	0.00	13.48	2.00	0.00	0.00	0.02	0.00
13.50	2.00	0.00	0.00	0.02	0.00	13.52	2.00	0.00	0.00	0.02	0.00
13.54	2.00	0.00	0.00	0.02	0.00	13.56	2.00	0.00	0.00	0.02	0.00
13.58	2.00	0.00	0.00	0.02	0.00	13.60	2.00	0.00	0.00	0.02	0.00
13.62	2.00	0.00	0.00	0.02	0.00	13.64	2.00	0.00	0.00	0.02	0.00
13.66	2.00	0.00	0.00	0.02	0.00	13.68	2.00	0.00	0.00	0.02	0.00
13.70	2.00	0.00	0.00	0.02	0.00	13.72	2.00	0.00	0.00	0.02	0.00
13.74	2.00	0.00	0.00	0.02	0.00	13.76	2.00	0.00	0.00	0.02	0.00
13.78	2.00	0.00	0.00	0.02	0.00	13.80	2.00	0.00	0.00	0.02	0.00
13.82	2.00	0.00	0.00	0.02	0.00	13.84	2.00	0.00	0.00	0.02	0.00
13.86	2.00	0.00	0.00	0.02	0.00	13.88	2.00	0.00	0.00	0.02	0.00
13.90	2.00	0.00	0.00	0.02	0.00	13.92	2.00	0.00	0.00	0.02	0.00
13.94	2.00	0.00	0.00	0.02	0.00	13.96	2.00	0.00	0.00	0.02	0.00
13.98	2.00	0.00	0.00	0.02	0.00	14.00	2.00	0.00	0.00	0.02	0.00
14.02	2.00	0.00	0.00	0.02	0.00	14.04	2.00	0.00	0.00	0.02	0.00
14.06	2.00	0.00	0.00	0.02	0.00	14.08	2.00	0.00	0.00	0.02	0.00
14.10	2.00	0.00	0.00	0.02	0.00	14.12	2.00	0.00	0.00	0.02	0.00
14.14	2.00	0.00	0.00	0.02	0.00	14.16	2.00	0.00	0.00	0.02	0.00
14.18	2.00	0.00	0.00	0.02	0.00	14.20	2.00	0.00	0.00	0.02	0.00
14.22	2.00	0.00	0.00	0.02	0.00	14.24	2.00	0.00	0.00	0.02	0.00
14.26	2.00	0.00	0.00	0.02	0.00	14.28	2.00	0.00	0.00	0.02	0.00
14.30	2.00	0.00	0.00	0.02	0.00	14.32	2.00	0.00	0.00	0.02	0.00
14.34	2.00	0.00	0.00	0.02	0.00	14.36	2.00	0.00	0.00	0.02	0.00
14.38	2.00	0.00	0.00	0.02	0.00	14.40	2.00	0.00	0.00	0.02	0.00
14.42	2.00	0.00	0.00	0.02	0.00	14.44	2.00	0.00	0.00	0.02	0.00
14.46	2.00	0.00	0.00	0.02	0.00	14.48	2.00	0.00	0.00	0.02	0.00
14.50	2.00	0.00	0.00	0.02	0.00	14.52	2.00	0.00	0.00	0.02	0.00
14.54	2.00	0.00	0.00	0.02	0.00	14.56	2.00	0.00	0.00	0.02	0.00
14.58	2.00	0.00	0.00	0.02	0.00	14.60	2.00	0.00	0.00	0.02	0.00
14.62	2.00	0.00	0.00	0.02	0.00	14.64	2.00	0.00	0.00	0.02	0.00
14.66	2.00	0.00	0.00	0.02	0.00	14.68	2.00	0.00	0.00	0.02	0.00
14.70	2.00	0.00	0.00	0.02	0.00	14.72	2.00	0.00	0.00	0.02	0.00
14.74	2.00	0.00	0.00	0.02	0.00	14.76	2.00	0.00	0.00	0.02	0.00
14.78	2.00	0.00	0.00	0.02	0.00	14.80	2.00	0.00	0.00	0.02	0.00
14.82	2.00	0.00	0.00	0.02	0.00	14.84	2.00	0.00	0.00	0.02	0.00
14.86	2.00	0.00	0.00	0.02	0.00	14.88	2.00	0.00	0.00	0.02	0.00
14.90	2.00	0.00	0.00	0.02	0.00	14.92	2.00	0.00	0.00	0.02	0.00
14.94	2.00	0.00	0.00	0.02	0.00	14.96	2.00	0.00	0.00	0.02	0.00
14.98	2.00	0.00	0.00	0.02	0.00	15.00	2.00	0.00	0.00	0.02	0.00
15.02	2.00	0.00	0.00	0.02	0.00	15.04	2.00	0.00	0.00	0.02	0.00
15.06	2.00	0.00	0.00	0.02	0.00	15.08	2.00	0.00	0.00	0.02	0.00
15.10	2.00	0.00	0.00	0.02	0.00	15.12	2.00	0.00	0.00	0.02	0.00
15.14	2.00	0.00	0.00	0.02	0.00	15.16	2.00	0.00	0.00	0.02	0.00
15.18	2.00	0.00	0.00	0.02	0.00	15.20	2.00	0.00	0.00	0.02	0.00
15.22	2.00	0.00	0.00	0.02	0.00	15.24	2.00	0.00	0.00	0.02	0.00
15.26	2.00	0.00	0.00	0.02	0.00	15.28	2.00	0.00	0.00	0.02	0.00
15.30	2.00	0.00	0.00	0.02	0.00	15.32	2.00	0.00	0.00	0.02	0.00
15.34	2.00	0.00	0.00	0.02	0.00	15.36	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.38	2.00	0.00	0.00	0.02	0.00	15.40	2.00	0.00	0.00	0.02	0.00
15.42	2.00	0.00	0.00	0.02	0.00	15.44	2.00	0.00	0.00	0.02	0.00
15.46	2.00	0.00	0.00	0.02	0.00	15.48	2.00	0.00	0.00	0.02	0.00
15.50	2.00	0.00	0.00	0.02	0.00	15.52	2.00	0.00	0.00	0.02	0.00
15.54	2.00	0.00	0.00	0.02	0.00	15.56	2.00	0.00	0.00	0.02	0.00
15.58	2.00	0.00	0.00	0.02	0.00	15.60	2.00	0.00	0.00	0.02	0.00
15.62	2.00	0.00	0.00	0.02	0.00	15.64	2.00	0.00	0.00	0.02	0.00
15.66	2.00	0.00	0.00	0.02	0.00	15.68	2.00	0.00	0.00	0.02	0.00
15.70	2.00	0.00	0.00	0.02	0.00	15.72	2.00	0.00	0.00	0.02	0.00
15.74	2.00	0.00	0.00	0.02	0.00	15.76	2.00	0.00	0.00	0.02	0.00
15.78	2.00	0.00	0.00	0.02	0.00	15.80	2.00	0.00	0.00	0.02	0.00
15.82	2.00	0.00	0.00	0.02	0.00	15.84	2.00	0.00	0.00	0.02	0.00
15.86	2.00	0.00	0.00	0.02	0.00	15.88	2.00	0.00	0.00	0.02	0.00
15.90	2.00	0.00	0.00	0.02	0.00	15.92	2.00	0.00	0.00	0.02	0.00
15.94	2.00	0.00	0.00	0.02	0.00	15.96	2.00	0.00	0.00	0.02	0.00
15.98	2.00	0.00	0.00	0.02	0.00	16.00	2.00	0.00	0.00	0.02	0.00
16.02	2.00	0.00	0.00	0.02	0.00	16.04	2.00	0.00	0.00	0.02	0.00
16.06	2.00	0.00	0.00	0.02	0.00	16.08	2.00	0.00	0.00	0.02	0.00
16.10	2.00	0.00	0.00	0.02	0.00	16.12	2.00	0.00	0.00	0.02	0.00
16.14	2.00	0.00	0.00	0.02	0.00	16.16	2.00	0.00	0.00	0.02	0.00
16.18	2.00	0.00	0.00	0.02	0.00	16.20	2.00	0.00	0.00	0.02	0.00
16.22	2.00	0.00	0.00	0.02	0.00	16.24	2.00	0.00	0.00	0.02	0.00
16.26	2.00	0.00	0.00	0.02	0.00	16.28	2.00	0.00	0.00	0.02	0.00
16.30	2.00	0.00	0.00	0.02	0.00	16.32	2.00	0.00	0.00	0.02	0.00
16.34	2.00	0.00	0.00	0.02	0.00	16.36	2.00	0.00	0.00	0.02	0.00
16.38	2.00	0.00	0.00	0.02	0.00	16.40	2.00	0.00	0.00	0.02	0.00
16.42	2.00	0.00	0.00	0.02	0.00	16.44	2.00	0.00	0.00	0.02	0.00
16.46	2.00	0.00	0.00	0.02	0.00	16.48	2.00	0.00	0.00	0.02	0.00
16.50	2.00	0.00	0.00	0.02	0.00	16.52	2.00	0.00	0.00	0.02	0.00
16.54	2.00	0.00	0.00	0.02	0.00	16.56	2.00	0.00	0.00	0.02	0.00
16.58	2.00	0.00	0.00	0.02	0.00	16.60	2.00	0.00	0.00	0.02	0.00
16.62	2.00	0.00	0.00	0.02	0.00	16.64	2.00	0.00	0.00	0.02	0.00
16.66	2.00	0.00	0.00	0.02	0.00	16.68	2.00	0.00	0.00	0.02	0.00
16.70	2.00	0.00	0.00	0.02	0.00	16.72	2.00	0.00	0.00	0.02	0.00
16.74	2.00	0.00	0.00	0.02	0.00	16.76	2.00	0.00	0.00	0.02	0.00
16.78	2.00	0.00	0.00	0.02	0.00	16.80	2.00	0.00	0.00	0.02	0.00
16.82	2.00	0.00	0.00	0.02	0.00	16.84	2.00	0.00	0.00	0.02	0.00
16.86	2.00	0.00	0.00	0.02	0.00	16.88	2.00	0.00	0.00	0.02	0.00
16.90	2.00	0.00	0.00	0.02	0.00	16.92	2.00	0.00	0.00	0.02	0.00
16.94	2.00	0.00	0.00	0.02	0.00	16.96	2.00	0.00	0.00	0.02	0.00
16.98	2.00	0.00	0.00	0.02	0.00	17.00	2.00	0.00	0.00	0.02	0.00
17.02	2.00	0.00	0.00	0.02	0.00	17.04	2.00	0.00	0.00	0.02	0.00
17.06	2.00	0.00	0.00	0.02	0.00	17.08	2.00	0.00	0.00	0.02	0.00
17.10	2.00	0.00	0.00	0.02	0.00	17.12	2.00	0.00	0.00	0.02	0.00
17.14	2.00	0.00	0.00	0.02	0.00	17.16	2.00	0.00	0.00	0.02	0.00
17.18	2.00	0.00	0.00	0.02	0.00	17.20	2.00	0.00	0.00	0.02	0.00
17.22	2.00	0.00	0.00	0.02	0.00	17.24	2.00	0.00	0.00	0.02	0.00
17.26	2.00	0.00	0.00	0.02	0.00	17.28	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.30	2.00	0.00	0.00	0.02	0.00	17.32	2.00	0.00	0.00	0.02	0.00
17.34	2.00	0.00	0.00	0.02	0.00	17.36	2.00	0.00	0.00	0.02	0.00
17.38	2.00	0.00	0.00	0.02	0.00	17.40	2.00	0.00	0.00	0.02	0.00
17.42	2.00	0.00	0.00	0.02	0.00	17.44	2.00	0.00	0.00	0.02	0.00
17.46	2.00	0.00	0.00	0.02	0.00	17.48	2.00	0.00	0.00	0.02	0.00
17.50	2.00	0.00	0.00	0.02	0.00	17.52	2.00	0.00	0.00	0.02	0.00
17.54	2.00	0.00	0.00	0.02	0.00	17.56	2.00	0.00	0.00	0.02	0.00
17.58	2.00	0.00	0.00	0.02	0.00	17.60	2.00	0.00	0.00	0.02	0.00
17.62	2.00	0.00	0.00	0.02	0.00	17.64	2.00	0.00	0.00	0.02	0.00
17.66	2.00	0.00	0.00	0.02	0.00	17.68	2.00	0.00	0.00	0.02	0.00
17.70	2.00	0.00	0.00	0.02	0.00	17.72	2.00	0.00	0.00	0.02	0.00
17.74	2.00	0.00	0.00	0.02	0.00	17.76	2.00	0.00	0.00	0.02	0.00
17.78	2.00	0.00	0.00	0.02	0.00	17.80	2.00	0.00	0.00	0.02	0.00
17.82	2.00	0.00	0.00	0.02	0.00	17.84	2.00	0.00	0.00	0.02	0.00
17.86	2.00	0.00	0.00	0.02	0.00	17.88	2.00	0.00	0.00	0.02	0.00
17.90	2.00	0.00	0.00	0.02	0.00	17.92	2.00	0.00	0.00	0.02	0.00
17.94	2.00	0.00	0.00	0.02	0.00	17.96	2.00	0.00	0.00	0.02	0.00
17.98	2.00	0.00	0.00	0.02	0.00	18.00	2.00	0.00	0.00	0.02	0.00
18.02	2.00	0.00	0.00	0.02	0.00	18.04	2.00	0.00	0.00	0.02	0.00
18.06	2.00	0.00	0.00	0.02	0.00	18.08	2.00	0.00	0.00	0.02	0.00
18.10	2.00	0.00	0.00	0.02	0.00	18.12	2.00	0.00	0.00	0.02	0.00
18.14	2.00	0.00	0.00	0.02	0.00	18.16	2.00	0.00	0.00	0.02	0.00
18.18	2.00	0.00	0.00	0.02	0.00	18.20	2.00	0.00	0.00	0.02	0.00
18.22	2.00	0.00	0.00	0.02	0.00	18.24	2.00	0.00	0.00	0.02	0.00
18.26	2.00	0.00	0.00	0.02	0.00	18.28	2.00	0.00	0.00	0.02	0.00
18.30	2.00	0.00	0.00	0.02	0.00	18.32	2.00	0.00	0.00	0.02	0.00
18.34	2.00	0.00	0.00	0.02	0.00	18.36	2.00	0.00	0.00	0.02	0.00
18.38	2.00	0.00	0.00	0.02	0.00	18.40	2.00	0.00	0.00	0.02	0.00
18.42	2.00	0.00	0.00	0.02	0.00	18.44	2.00	0.00	0.00	0.02	0.00
18.46	2.00	0.00	0.00	0.02	0.00	18.48	2.00	0.00	0.00	0.02	0.00
18.50	2.00	0.00	0.00	0.02	0.00	18.52	2.00	0.00	0.00	0.02	0.00
18.54	2.00	0.00	0.00	0.02	0.00	18.56	2.00	0.00	0.00	0.02	0.00
18.58	2.00	0.00	0.00	0.02	0.00	18.60	2.00	0.00	0.00	0.02	0.00
18.62	2.00	0.00	0.00	0.02	0.00	18.64	2.00	0.00	0.00	0.02	0.00
18.66	2.00	0.00	0.00	0.02	0.00	18.68	2.00	0.00	0.00	0.02	0.00
18.70	2.00	0.00	0.00	0.02	0.00	18.72	2.00	0.00	0.00	0.02	0.00
18.74	2.00	0.00	0.00	0.02	0.00	18.76	2.00	0.00	0.00	0.02	0.00
18.78	2.00	0.00	0.00	0.02	0.00	18.80	2.00	0.00	0.00	0.02	0.00
18.82	2.00	0.00	0.00	0.02	0.00	18.84	2.00	0.00	0.00	0.02	0.00
18.86	2.00	0.00	0.00	0.02	0.00	18.88	2.00	0.00	0.00	0.02	0.00
18.90	2.00	0.00	0.00	0.02	0.00	18.92	2.00	0.00	0.00	0.02	0.00
18.94	2.00	0.00	0.00	0.02	0.00	18.96	2.00	0.00	0.00	0.02	0.00
18.98	2.00	0.00	0.00	0.02	0.00	19.00	2.00	0.00	0.00	0.02	0.00
19.02	2.00	0.00	0.00	0.02	0.00	19.04	2.00	0.00	0.00	0.02	0.00
19.06	2.00	0.00	0.00	0.02	0.00	19.08	2.00	0.00	0.00	0.02	0.00
19.10	2.00	0.00	0.00	0.02	0.00	19.12	2.00	0.00	0.00	0.02	0.00
19.14	2.00	0.00	0.00	0.02	0.00	19.16	2.00	0.00	0.00	0.02	0.00
19.18	2.00	0.00	0.00	0.02	0.00	19.20	2.00	0.00	0.00	0.02	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.22	2.00	0.00	0.00	0.02	0.00	19.24	2.00	0.00	0.00	0.02	0.00
19.26	2.00	0.00	0.00	0.02	0.00	19.28	2.00	0.00	0.00	0.02	0.00
19.30	0.53	0.47	0.52	0.02	0.00	19.32	0.57	0.43	0.57	0.02	0.00
19.34	0.59	0.41	0.61	0.02	0.00	19.36	0.58	0.42	0.60	0.02	0.00
19.38	0.59	0.41	0.60	0.02	0.00	19.40	0.58	0.42	0.59	0.02	0.00
19.42	0.56	0.44	0.56	0.02	0.00	19.44	0.54	0.46	0.53	0.02	0.00
19.46	0.54	0.46	0.53	0.02	0.00	19.48	0.54	0.46	0.53	0.02	0.00
19.50	2.00	0.00	0.00	0.02	0.00	19.52	2.00	0.00	0.00	0.02	0.00
19.54	2.00	0.00	0.00	0.02	0.00	19.56	2.00	0.00	0.00	0.02	0.00
19.58	2.00	0.00	0.00	0.02	0.00	19.60	2.00	0.00	0.00	0.02	0.00
19.62	2.00	0.00	0.00	0.02	0.00	19.64	2.00	0.00	0.00	0.02	0.00
19.66	2.00	0.00	0.00	0.02	0.00	19.68	2.00	0.00	0.00	0.02	0.00
19.70	2.00	0.00	0.00	0.02	0.00	19.72	2.00	0.00	0.00	0.02	0.00
19.74	2.00	0.00	0.00	0.02	0.00	19.76	2.00	0.00	0.00	0.02	0.00
19.78	2.00	0.00	0.00	0.02	0.00	19.80	2.00	0.00	0.00	0.02	0.00
19.82	2.00	0.00	0.00	0.02	0.00	19.84	2.00	0.00	0.00	0.02	0.00
19.86	2.00	0.00	0.00	0.02	0.00	19.88	2.00	0.00	0.00	0.02	0.00
19.90	2.00	0.00	0.00	0.02	0.00	19.92	2.00	0.00	0.00	0.02	0.00
19.94	2.00	0.00	0.00	0.02	0.00	19.96	2.00	0.00	0.00	0.02	0.00
19.98	2.00	0.00	0.00	0.02	0.00	20.00	2.00	0.00	0.00	0.02	0.00
20.02	2.00	0.00	0.00	0.02	0.00	20.04	2.00	0.00	0.00	0.02	0.00
20.06	2.00	0.00	0.00	0.02	0.00	20.08	2.00	0.00	0.00	0.02	0.00
20.10	2.00	0.00	0.00	0.02	0.00	20.12	2.00	0.00	0.00	0.02	0.00
20.14	2.00	0.00	0.00	0.02	0.00	20.16	2.00	0.00	0.00	0.02	0.00
20.18	2.00	0.00	0.00	0.02	0.00	20.20	2.00	0.00	0.00	0.02	0.00
20.22	2.00	0.00	0.00	0.02	0.00	20.24	2.00	0.00	0.00	0.02	0.00
20.26	2.00	0.00	0.00	0.02	0.00	20.28	2.00	0.00	0.00	0.02	0.00
20.30	2.00	0.00	0.00	0.02	0.00	20.32	2.00	0.00	0.00	0.02	0.00
20.34	2.00	0.00	0.00	0.02	0.00	20.36	2.00	0.00	0.00	0.02	0.00
20.38	2.00	0.00	0.00	0.02	0.00	20.40	2.00	0.00	0.00	0.02	0.00
20.42	2.00	0.00	0.00	0.02	0.00	20.44	2.00	0.00	0.00	0.02	0.00
20.46	2.00	0.00	0.00	0.02	0.00	20.48	2.00	0.00	0.00	0.02	0.00
20.50	2.00	0.00	0.00	0.02	0.00	20.52	2.00	0.00	0.00	0.02	0.00
20.54	2.00	0.00	0.00	0.02	0.00	20.56	2.00	0.00	0.00	0.02	0.00
20.58	2.00	0.00	0.00	0.02	0.00	20.60	2.00	0.00	0.00	0.02	0.00
20.62	2.00	0.00	0.00	0.02	0.00	20.64	2.00	0.00	0.00	0.02	0.00
20.66	2.00	0.00	0.00	0.02	0.00	20.68	2.00	0.00	0.00	0.02	0.00
20.70	2.00	0.00	0.00	0.02	0.00	20.72	2.00	0.00	0.00	0.02	0.00
20.74	2.00	0.00	0.00	0.02	0.00	20.76	2.00	0.00	0.00	0.02	0.00
20.78	2.00	0.00	0.00	0.02	0.00	20.80	2.00	0.00	0.00	0.02	0.00

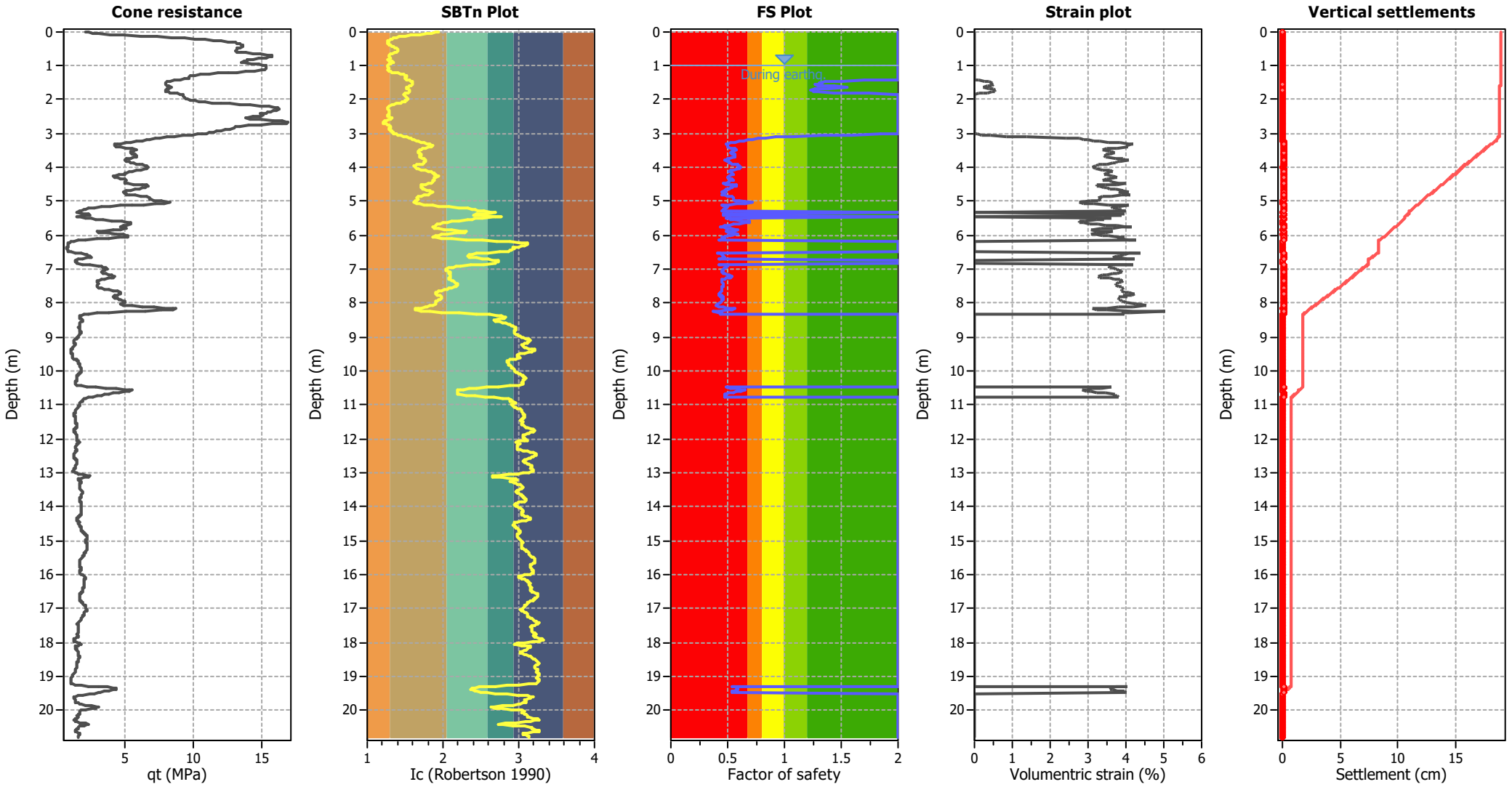
Overall liquefaction potential: 16.98

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	241.09	2.00	0.00	1.00	0.00	1.02	241.70	2.00	0.00	1.00	0.00
1.04	242.30	2.00	0.00	1.00	0.00	1.06	242.32	2.00	0.00	1.00	0.00
1.08	240.33	2.00	0.00	1.00	0.00	1.10	240.00	2.00	0.00	1.00	0.00
1.12	241.62	2.00	0.00	1.00	0.00	1.14	238.76	2.00	0.00	1.00	0.00
1.16	230.53	2.00	0.00	1.00	0.00	1.18	223.50	2.00	0.00	1.00	0.00
1.20	217.49	2.00	0.00	1.00	0.00	1.22	209.04	2.00	0.00	1.00	0.00
1.24	197.31	2.00	0.00	1.00	0.00	1.26	186.23	2.00	0.00	1.00	0.00
1.28	175.49	2.00	0.00	1.00	0.00	1.30	166.77	2.00	0.00	1.00	0.00
1.32	161.90	2.00	0.00	1.00	0.00	1.34	161.23	2.00	0.00	1.00	0.00
1.36	161.74	2.00	0.00	1.00	0.00	1.38	162.58	2.00	0.00	1.00	0.00
1.40	158.05	2.00	0.00	1.00	0.00	1.42	149.99	2.00	0.00	1.00	0.00
1.44	143.28	1.71	0.13	1.00	0.00	1.46	138.08	1.51	0.27	1.00	0.01
1.48	133.72	1.36	0.40	1.00	0.01	1.50	131.70	1.30	0.47	1.00	0.01
1.52	132.71	1.32	0.44	1.00	0.01	1.54	133.55	1.34	0.43	1.00	0.01
1.56	133.21	1.32	0.44	1.00	0.01	1.58	131.70	1.27	0.50	1.00	0.01
1.60	132.71	1.29	0.48	1.00	0.01	1.62	137.74	1.43	0.33	1.00	0.01
1.64	141.60	1.56	0.23	1.00	0.00	1.66	141.60	1.55	0.24	1.00	0.00
1.68	136.91	1.38	0.37	1.00	0.01	1.70	133.21	1.27	0.50	1.00	0.01
1.72	131.87	1.24	0.56	1.00	0.01	1.74	132.21	1.24	0.55	1.00	0.01
1.76	133.21	1.26	0.52	1.00	0.01	1.78	134.72	1.29	0.48	1.00	0.01
1.80	139.59	1.43	0.33	1.00	0.01	1.82	142.95	1.54	0.24	1.00	0.00
1.84	147.81	1.74	0.12	1.00	0.00	1.86	152.51	1.97	0.01	1.00	0.00
1.88	155.03	2.00	0.00	1.00	0.00	1.90	154.02	2.00	0.00	1.00	0.00
1.92	154.52	2.00	0.00	1.00	0.00	1.94	157.54	2.00	0.00	1.00	0.00
1.96	156.87	2.00	0.00	1.00	0.00	1.98	156.54	2.00	0.00	1.00	0.00
2.00	159.27	2.00	0.00	1.00	0.00	2.02	161.34	2.00	0.00	1.00	0.00
2.04	165.96	2.00	0.00	1.00	0.00	2.06	169.01	2.00	0.00	1.00	0.00
2.08	172.50	2.00	0.00	1.00	0.00	2.10	179.68	2.00	0.00	1.00	0.00
2.12	186.83	2.00	0.00	1.00	0.00	2.14	193.78	2.00	0.00	1.00	0.00
2.16	202.38	2.00	0.00	1.00	0.00	2.18	211.05	2.00	0.00	1.00	0.00
2.20	218.36	2.00	0.00	1.00	0.00	2.22	226.63	2.00	0.00	1.00	0.00
2.24	230.21	2.00	0.00	1.00	0.00	2.26	231.99	2.00	0.00	1.00	0.00
2.28	234.18	2.00	0.00	1.00	0.00	2.30	232.52	2.00	0.00	1.00	0.00
2.32	229.40	2.00	0.00	1.00	0.00	2.34	225.84	2.00	0.00	1.00	0.00
2.36	224.16	2.00	0.00	1.00	0.00	2.38	223.01	2.00	0.00	1.00	0.00
2.40	220.06	2.00	0.00	1.00	0.00	2.42	217.40	2.00	0.00	1.00	0.00
2.44	214.16	2.00	0.00	1.00	0.00	2.46	215.73	2.00	0.00	1.00	0.00
2.48	219.33	2.00	0.00	1.00	0.00	2.50	215.93	2.00	0.00	1.00	0.00
2.52	207.97	2.00	0.00	1.00	0.00	2.54	201.82	2.00	0.00	1.00	0.00
2.56	200.43	2.00	0.00	1.00	0.00	2.58	204.04	2.00	0.00	1.00	0.00
2.60	212.35	2.00	0.00	1.00	0.00	2.62	223.72	2.00	0.00	1.00	0.00
2.64	231.91	2.00	0.00	1.00	0.00	2.66	233.57	2.00	0.00	1.00	0.00
2.68	232.92	2.00	0.00	1.00	0.00	2.70	232.97	2.00	0.00	1.00	0.00
2.72	229.59	2.00	0.00	1.00	0.00	2.74	222.51	2.00	0.00	1.00	0.00
2.76	210.61	2.00	0.00	1.00	0.00	2.78	200.25	2.00	0.00	1.00	0.00
2.80	192.30	2.00	0.00	1.00	0.00	2.82	187.77	2.00	0.00	1.00	0.00
2.84	190.12	2.00	0.00	1.00	0.00	2.86	188.42	2.00	0.00	1.00	0.00
2.88	185.24	2.00	0.00	1.00	0.00	2.90	180.22	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	176.55	2.00	0.00	1.00	0.00	2.94	173.56	2.00	0.00	1.00	0.00
2.96	169.85	2.00	0.00	1.00	0.00	2.98	166.48	2.00	0.00	1.00	0.00
3.00	162.62	2.00	0.00	1.00	0.00	3.02	159.59	2.00	0.00	1.00	0.00
3.04	155.27	1.85	0.06	1.00	0.00	3.06	149.96	1.59	0.21	1.00	0.00
3.08	143.27	1.33	0.43	1.00	0.01	3.10	133.65	1.07	0.85	1.00	0.02
3.12	126.22	0.93	1.40	1.00	0.03	3.14	119.70	0.83	2.42	1.00	0.05
3.16	115.02	0.77	2.78	1.00	0.06	3.18	110.75	0.72	2.89	1.00	0.06
3.20	106.56	0.68	3.01	1.00	0.06	3.22	102.13	0.64	3.14	1.00	0.06
3.24	97.51	0.61	3.30	1.00	0.07	3.26	90.60	0.56	3.55	1.00	0.07
3.28	83.89	0.52	3.83	1.00	0.08	3.30	78.61	0.49	4.08	1.00	0.08
3.32	76.09	0.48	4.21	1.00	0.08	3.34	76.99	0.49	4.16	1.00	0.08
3.36	79.35	0.50	4.04	1.00	0.08	3.38	80.16	0.50	4.00	1.00	0.08
3.40	79.74	0.50	4.02	1.00	0.08	3.42	79.61	0.49	4.03	1.00	0.08
3.44	85.67	0.53	3.75	1.00	0.08	3.46	92.27	0.56	3.49	1.00	0.07
3.48	95.10	0.58	3.38	1.00	0.07	3.50	94.95	0.58	3.39	1.00	0.07
3.52	89.63	0.55	3.59	1.00	0.07	3.54	88.53	0.54	3.63	1.00	0.07
3.56	87.43	0.53	3.68	1.00	0.07	3.58	87.42	0.53	3.68	1.00	0.07
3.60	89.61	0.54	3.59	1.00	0.07	3.62	91.77	0.55	3.50	1.00	0.07
3.64	92.83	0.56	3.46	1.00	0.07	3.66	92.95	0.56	3.46	1.00	0.07
3.68	93.61	0.56	3.44	1.00	0.07	3.70	93.19	0.56	3.45	1.00	0.07
3.72	91.43	0.55	3.52	1.00	0.07	3.74	86.42	0.52	3.72	1.00	0.07
3.76	82.04	0.49	3.91	1.00	0.08	3.78	80.87	0.49	3.97	1.00	0.08
3.80	78.86	0.48	4.06	1.00	0.08	3.82	83.31	0.50	3.85	1.00	0.08
3.84	85.05	0.51	3.78	1.00	0.08	3.86	86.40	0.51	3.72	1.00	0.07
3.88	87.87	0.52	3.66	1.00	0.07	3.90	91.60	0.54	3.51	1.00	0.07
3.92	94.90	0.56	3.39	1.00	0.07	3.94	98.08	0.58	3.28	1.00	0.07
3.96	99.43	0.59	3.23	1.00	0.06	3.98	100.90	0.60	3.18	1.00	0.06
4.00	102.60	0.62	3.13	1.00	0.06	4.02	102.33	0.61	3.14	1.00	0.06
4.04	101.08	0.60	3.18	1.00	0.06	4.06	98.97	0.59	3.25	1.00	0.06
4.08	94.91	0.56	3.39	1.00	0.07	4.10	90.33	0.53	3.56	1.00	0.07
4.12	88.21	0.52	3.64	1.00	0.07	4.14	90.18	0.53	3.57	1.00	0.07
4.16	91.76	0.54	3.50	1.00	0.07	4.18	92.15	0.54	3.49	1.00	0.07
4.20	93.63	0.55	3.43	1.00	0.07	4.22	92.33	0.54	3.48	1.00	0.07
4.24	92.06	0.54	3.49	1.00	0.07	4.26	89.41	0.52	3.60	1.00	0.07
4.28	87.65	0.51	3.67	1.00	0.07	4.30	85.59	0.50	3.75	1.00	0.08
4.32	86.53	0.50	3.71	1.00	0.07	4.34	91.17	0.53	3.53	1.00	0.07
4.36	92.14	0.53	3.49	1.00	0.07	4.38	94.56	0.55	3.40	1.00	0.07
4.40	90.01	0.52	3.57	1.00	0.07	4.42	89.38	0.51	3.60	1.00	0.07
4.44	88.67	0.51	3.63	1.00	0.07	4.46	84.46	0.49	3.80	1.00	0.08
4.48	80.21	0.47	4.00	1.00	0.08	4.50	84.99	0.49	3.78	1.00	0.08
4.52	93.07	0.53	3.46	1.00	0.07	4.54	98.89	0.57	3.25	1.00	0.06
4.56	98.99	0.57	3.25	1.00	0.06	4.58	96.91	0.56	3.32	1.00	0.07
4.60	94.42	0.54	3.41	1.00	0.07	4.62	92.38	0.53	3.48	1.00	0.07
4.64	89.71	0.51	3.58	1.00	0.07	4.66	85.74	0.49	3.75	1.00	0.07
4.68	81.42	0.47	3.94	1.00	0.08	4.70	82.78	0.47	3.88	1.00	0.08
4.72	78.63	0.45	4.08	1.00	0.08	4.74	84.23	0.48	3.81	1.00	0.08
4.76	80.30	0.46	3.99	1.00	0.08	4.78	79.15	0.46	4.05	1.00	0.08
4.80	78.30	0.45	4.09	1.00	0.08	4.82	77.71	0.45	4.12	1.00	0.08

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	82.85	0.47	3.88	1.00	0.08	4.86	88.96	0.50	3.61	1.00	0.07
4.88	95.22	0.54	3.38	1.00	0.07	4.90	97.86	0.56	3.28	1.00	0.07
4.92	97.37	0.55	3.30	1.00	0.07	4.94	96.28	0.55	3.34	1.00	0.07
4.96	96.75	0.55	3.32	1.00	0.07	4.98	98.78	0.56	3.25	1.00	0.07
5.00	104.86	0.61	3.06	1.00	0.06	5.02	114.94	0.70	2.78	1.00	0.06
5.04	116.10	0.71	2.75	1.00	0.06	5.06	110.94	0.66	2.89	1.00	0.06
5.08	101.32	0.58	3.17	1.00	0.06	5.10	90.93	0.51	3.54	1.00	0.07
5.12	80.52	0.46	3.98	1.00	0.08	5.14	78.83	0.45	4.07	1.00	0.08
5.16	84.59	0.48	3.80	1.00	0.08	5.18	89.28	0.50	3.60	1.00	0.07
5.20	88.11	0.49	3.65	1.00	0.07	5.22	86.35	0.48	3.72	1.00	0.07
5.24	84.84	0.48	3.79	1.00	0.08	5.26	82.63	0.46	3.89	1.00	0.08
5.28	82.28	0.46	3.90	1.00	0.08	5.30	80.52	0.45	3.98	1.00	0.08
5.32	19.69	2.00	0.00	1.00	0.00	5.34	18.95	2.00	0.00	1.00	0.00
5.36	81.12	0.46	3.96	1.00	0.08	5.38	96.25	0.54	3.34	1.00	0.07
5.40	93.23	0.52	3.45	1.00	0.07	5.42	82.80	0.46	3.88	1.00	0.08
5.44	19.75	2.00	0.00	1.00	0.00	5.46	17.93	2.00	0.00	1.00	0.00
5.48	21.05	2.00	0.00	1.00	0.00	5.50	88.63	0.49	3.63	1.00	0.07
5.52	94.21	0.52	3.41	1.00	0.07	5.54	94.33	0.52	3.41	1.00	0.07
5.56	100.03	0.56	3.21	1.00	0.06	5.58	108.94	0.63	2.94	1.00	0.06
5.60	115.25	0.69	2.77	1.00	0.06	5.62	115.29	0.69	2.77	1.00	0.06
5.64	111.28	0.65	2.88	1.00	0.06	5.66	106.10	0.60	3.02	1.00	0.06
5.68	98.68	0.55	3.26	1.00	0.07	5.70	93.13	0.51	3.45	1.00	0.07
5.72	85.20	0.47	3.77	1.00	0.08	5.74	80.32	0.45	3.99	1.00	0.08
5.76	76.94	0.43	4.16	1.00	0.08	5.78	82.52	0.46	3.89	1.00	0.08
5.80	87.91	0.48	3.66	1.00	0.07	5.82	95.91	0.53	3.35	1.00	0.07
5.84	103.18	0.58	3.11	1.00	0.06	5.86	104.42	0.59	3.07	1.00	0.06
5.88	97.95	0.54	3.28	1.00	0.07	5.90	87.95	0.48	3.66	1.00	0.07
5.92	92.72	0.51	3.47	1.00	0.07	5.94	99.83	0.55	3.22	1.00	0.06
5.96	104.00	0.58	3.09	1.00	0.06	5.98	100.98	0.56	3.18	1.00	0.06
6.00	95.33	0.52	3.37	1.00	0.07	6.02	90.82	0.50	3.54	1.00	0.07
6.04	84.71	0.47	3.79	1.00	0.08	6.06	81.82	0.45	3.92	1.00	0.08
6.08	81.15	0.45	3.95	1.00	0.08	6.10	85.18	0.47	3.77	1.00	0.08
6.12	83.25	0.46	3.86	1.00	0.08	6.14	78.34	0.44	4.09	1.00	0.08
6.16	74.72	0.42	4.28	1.00	0.09	6.18	15.55	2.00	0.00	1.00	0.00
6.20	13.92	2.00	0.00	1.00	0.00	6.22	11.52	2.00	0.00	1.00	0.00
6.24	10.58	2.00	0.00	1.00	0.00	6.26	10.30	2.00	0.00	1.00	0.00
6.28	10.15	2.00	0.00	1.00	0.00	6.30	10.14	2.00	0.00	1.00	0.00
6.32	9.86	2.00	0.00	1.00	0.00	6.34	9.85	2.00	0.00	1.00	0.00
6.36	9.31	2.00	0.00	1.00	0.00	6.38	8.90	2.00	0.00	1.00	0.00
6.40	8.36	2.00	0.00	1.00	0.00	6.42	8.49	2.00	0.00	1.00	0.00
6.44	9.40	2.00	0.00	1.00	0.00	6.46	10.18	2.00	0.00	1.00	0.00
6.48	10.04	2.00	0.00	1.00	0.00	6.50	11.22	2.00	0.00	1.00	0.00
6.52	73.00	0.41	4.37	1.00	0.09	6.54	78.70	0.44	4.07	1.00	0.08
6.56	81.21	0.45	3.95	1.00	0.08	6.58	81.78	0.45	3.92	1.00	0.08
6.60	83.33	0.46	3.85	1.00	0.08	6.62	85.62	0.47	3.75	1.00	0.08
6.64	87.85	0.48	3.66	1.00	0.07	6.66	87.46	0.47	3.68	1.00	0.07
6.68	84.62	0.46	3.80	1.00	0.08	6.70	79.18	0.44	4.05	1.00	0.08
6.72	75.63	0.42	4.23	1.00	0.08	6.74	17.18	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	15.75	2.00	0.00	1.00	0.00	6.78	17.00	2.00	0.00	1.00	0.00
6.80	19.24	2.00	0.00	1.00	0.00	6.82	19.72	2.00	0.00	1.00	0.00
6.84	17.07	2.00	0.00	1.00	0.00	6.86	76.27	0.42	4.20	1.00	0.08
6.88	89.04	0.48	3.61	1.00	0.07	6.90	91.36	0.49	3.52	1.00	0.07
6.92	91.01	0.49	3.53	1.00	0.07	6.94	90.02	0.49	3.57	1.00	0.07
6.96	89.26	0.48	3.60	1.00	0.07	6.98	88.22	0.48	3.64	1.00	0.07
7.00	86.34	0.47	3.72	1.00	0.07	7.02	85.15	0.46	3.77	1.00	0.08
7.04	84.30	0.46	3.81	1.00	0.08	7.06	82.93	0.45	3.87	1.00	0.08
7.08	82.70	0.45	3.88	1.00	0.08	7.10	82.91	0.45	3.87	1.00	0.08
7.12	85.11	0.46	3.78	1.00	0.08	7.14	87.92	0.47	3.66	1.00	0.07
7.16	91.90	0.50	3.50	1.00	0.07	7.18	95.52	0.52	3.37	1.00	0.07
7.20	98.58	0.53	3.26	1.00	0.07	7.22	98.21	0.53	3.27	1.00	0.07
7.24	97.04	0.52	3.31	1.00	0.07	7.26	94.62	0.51	3.40	1.00	0.07
7.28	89.94	0.48	3.57	1.00	0.07	7.30	86.71	0.47	3.71	1.00	0.07
7.32	83.86	0.45	3.83	1.00	0.08	7.34	82.65	0.45	3.88	1.00	0.08
7.36	81.73	0.44	3.93	1.00	0.08	7.38	82.29	0.45	3.90	1.00	0.08
7.40	83.96	0.45	3.83	1.00	0.08	7.42	85.16	0.46	3.77	1.00	0.08
7.44	86.38	0.47	3.72	1.00	0.07	7.46	86.33	0.47	3.72	1.00	0.07
7.48	86.14	0.46	3.73	1.00	0.07	7.50	84.61	0.46	3.80	1.00	0.08
7.52	82.82	0.45	3.88	1.00	0.08	7.54	82.49	0.45	3.89	1.00	0.08
7.56	81.57	0.44	3.93	1.00	0.08	7.58	82.16	0.45	3.91	1.00	0.08
7.60	82.09	0.45	3.91	1.00	0.08	7.62	82.61	0.45	3.89	1.00	0.08
7.64	82.86	0.45	3.87	1.00	0.08	7.66	82.84	0.45	3.88	1.00	0.08
7.68	80.99	0.44	3.96	1.00	0.08	7.70	78.89	0.43	4.06	1.00	0.08
7.72	76.19	0.42	4.20	1.00	0.08	7.74	75.30	0.42	4.25	1.00	0.08
7.76	77.42	0.43	4.14	1.00	0.08	7.78	82.21	0.45	3.90	1.00	0.08
7.80	79.44	0.43	4.04	1.00	0.08	7.82	84.72	0.46	3.79	1.00	0.08
7.84	83.11	0.45	3.86	1.00	0.08	7.86	84.00	0.45	3.82	1.00	0.08
7.88	84.60	0.46	3.80	1.00	0.08	7.90	84.52	0.46	3.80	1.00	0.08
7.92	83.82	0.45	3.83	1.00	0.08	7.94	82.47	0.45	3.89	1.00	0.08
7.96	81.96	0.44	3.92	1.00	0.08	7.98	80.47	0.44	3.99	1.00	0.08
8.00	79.22	0.43	4.05	1.00	0.08	8.02	74.91	0.42	4.27	1.00	0.09
8.04	73.55	0.41	4.34	1.00	0.09	8.06	70.26	0.40	4.53	1.00	0.09
8.08	70.83	0.40	4.50	1.00	0.09	8.10	76.38	0.42	4.19	1.00	0.08
8.12	84.67	0.46	3.79	1.00	0.08	8.14	92.15	0.49	3.49	1.00	0.07
8.16	101.31	0.55	3.17	1.00	0.06	8.18	103.36	0.56	3.11	1.00	0.06
8.20	100.03	0.54	3.21	1.00	0.06	8.22	92.10	0.49	3.49	1.00	0.07
8.24	76.49	0.42	4.19	1.00	0.08	8.26	62.78	0.37	5.03	1.00	0.10
8.28	77.56	0.43	4.13	1.00	0.08	8.30	82.57	0.45	3.89	1.00	0.08
8.32	80.69	0.44	3.98	1.00	0.08	8.34	23.27	2.00	0.00	1.00	0.00
8.36	20.69	2.00	0.00	1.00	0.00	8.38	19.39	2.00	0.00	1.00	0.00
8.40	19.02	2.00	0.00	1.00	0.00	8.42	19.00	2.00	0.00	1.00	0.00
8.44	18.86	2.00	0.00	1.00	0.00	8.46	19.19	2.00	0.00	1.00	0.00
8.48	20.20	2.00	0.00	1.00	0.00	8.50	21.44	2.00	0.00	1.00	0.00
8.52	22.90	2.00	0.00	1.00	0.00	8.54	21.51	2.00	0.00	1.00	0.00
8.56	19.77	2.00	0.00	1.00	0.00	8.58	19.40	2.00	0.00	1.00	0.00
8.60	18.92	2.00	0.00	1.00	0.00	8.62	18.89	2.00	0.00	1.00	0.00
8.64	18.87	2.00	0.00	1.00	0.00	8.66	18.84	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	18.59	2.00	0.00	1.00	0.00	8.70	18.34	2.00	0.00	1.00	0.00
8.72	18.32	2.00	0.00	1.00	0.00	8.74	18.29	2.00	0.00	1.00	0.00
8.76	18.72	2.00	0.00	1.00	0.00	8.78	18.93	2.00	0.00	1.00	0.00
8.80	18.68	2.00	0.00	1.00	0.00	8.82	19.33	2.00	0.00	1.00	0.00
8.84	19.31	2.00	0.00	1.00	0.00	8.86	19.51	2.00	0.00	1.00	0.00
8.88	19.49	2.00	0.00	1.00	0.00	8.90	19.24	2.00	0.00	1.00	0.00
8.92	18.55	2.00	0.00	1.00	0.00	8.94	18.41	2.00	0.00	1.00	0.00
8.96	18.05	2.00	0.00	1.00	0.00	8.98	17.81	2.00	0.00	1.00	0.00
9.00	17.34	2.00	0.00	1.00	0.00	9.02	16.99	2.00	0.00	1.00	0.00
9.04	16.07	2.00	0.00	1.00	0.00	9.06	15.61	2.00	0.00	1.00	0.00
9.08	14.59	2.00	0.00	1.00	0.00	9.10	14.35	2.00	0.00	1.00	0.00
9.12	14.22	2.00	0.00	1.00	0.00	9.14	14.20	2.00	0.00	1.00	0.00
9.16	13.96	2.00	0.00	1.00	0.00	9.18	14.28	2.00	0.00	1.00	0.00
9.20	14.38	2.00	0.00	1.00	0.00	9.22	14.69	2.00	0.00	1.00	0.00
9.24	14.68	2.00	0.00	1.00	0.00	9.26	14.33	2.00	0.00	1.00	0.00
9.28	13.54	2.00	0.00	1.00	0.00	9.30	13.08	2.00	0.00	1.00	0.00
9.32	12.51	2.00	0.00	1.00	0.00	9.34	12.17	2.00	0.00	1.00	0.00
9.36	11.38	2.00	0.00	1.00	0.00	9.38	10.82	2.00	0.00	1.00	0.00
9.40	10.69	2.00	0.00	1.00	0.00	9.42	10.79	2.00	0.00	1.00	0.00
9.44	10.89	2.00	0.00	1.00	0.00	9.46	11.10	2.00	0.00	1.00	0.00
9.48	11.42	2.00	0.00	1.00	0.00	9.50	11.96	2.00	0.00	1.00	0.00
9.52	12.16	2.00	0.00	1.00	0.00	9.54	12.26	2.00	0.00	1.00	0.00
9.56	12.25	2.00	0.00	1.00	0.00	9.58	12.02	2.00	0.00	1.00	0.00
9.60	12.01	2.00	0.00	1.00	0.00	9.62	12.32	2.00	0.00	1.00	0.00
9.64	13.29	2.00	0.00	1.00	0.00	9.66	14.47	2.00	0.00	1.00	0.00
9.68	15.44	2.00	0.00	1.00	0.00	9.70	16.07	2.00	0.00	1.00	0.00
9.72	16.38	2.00	0.00	1.00	0.00	9.74	16.69	2.00	0.00	1.00	0.00
9.76	16.78	2.00	0.00	1.00	0.00	9.78	17.08	2.00	0.00	1.00	0.00
9.80	17.39	2.00	0.00	1.00	0.00	9.82	17.80	2.00	0.00	1.00	0.00
9.84	17.78	2.00	0.00	1.00	0.00	9.86	17.87	2.00	0.00	1.00	0.00
9.88	18.38	2.00	0.00	1.00	0.00	9.90	18.47	2.00	0.00	1.00	0.00
9.92	18.56	2.00	0.00	1.00	0.00	9.94	18.43	2.00	0.00	1.00	0.00
9.96	18.31	2.00	0.00	1.00	0.00	9.98	18.82	2.00	0.00	1.00	0.00
10.00	18.69	2.00	0.00	1.00	0.00	10.02	18.67	2.00	0.00	1.00	0.00
10.04	18.23	2.00	0.00	1.00	0.00	10.06	17.68	2.00	0.00	1.00	0.00
10.08	17.45	2.00	0.00	1.00	0.00	10.10	16.47	2.00	0.00	1.00	0.00
10.12	15.93	2.00	0.00	1.00	0.00	10.14	15.70	2.00	0.00	1.00	0.00
10.16	15.47	2.00	0.00	1.00	0.00	10.18	15.03	2.00	0.00	1.00	0.00
10.20	14.91	2.00	0.00	1.00	0.00	10.22	14.79	2.00	0.00	1.00	0.00
10.24	15.09	2.00	0.00	1.00	0.00	10.26	14.97	2.00	0.00	1.00	0.00
10.28	14.85	2.00	0.00	1.00	0.00	10.30	14.83	2.00	0.00	1.00	0.00
10.32	14.71	2.00	0.00	1.00	0.00	10.34	14.17	2.00	0.00	1.00	0.00
10.36	13.95	2.00	0.00	1.00	0.00	10.38	13.41	2.00	0.00	1.00	0.00
10.40	13.18	2.00	0.00	1.00	0.00	10.42	14.43	2.00	0.00	1.00	0.00
10.44	17.24	2.00	0.00	1.00	0.00	10.46	22.75	2.00	0.00	1.00	0.00
10.48	88.97	0.49	3.61	1.00	0.07	10.50	96.06	0.53	3.35	1.00	0.07
10.52	103.40	0.57	3.10	1.00	0.06	10.54	108.34	0.61	2.96	1.00	0.06
10.56	112.94	0.65	2.83	1.00	0.06	10.58	112.56	0.65	2.84	1.00	0.06

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	108.79	0.62	2.95	1.00	0.06	10.62	104.47	0.58	3.07	1.00	0.06
10.64	99.03	0.55	3.25	1.00	0.06	10.66	92.98	0.51	3.46	1.00	0.07
10.68	87.49	0.48	3.67	1.00	0.07	10.70	86.76	0.48	3.70	1.00	0.07
10.72	87.56	0.48	3.67	1.00	0.07	10.74	85.63	0.47	3.75	1.00	0.08
10.76	84.77	0.47	3.79	1.00	0.08	10.78	21.79	2.00	0.00	1.00	0.00
10.80	20.53	2.00	0.00	1.00	0.00	10.82	18.97	2.00	0.00	1.00	0.00
10.84	17.41	2.00	0.00	1.00	0.00	10.86	17.09	2.00	0.00	1.00	0.00
10.88	19.22	2.00	0.00	1.00	0.00	10.90	18.49	2.00	0.00	1.00	0.00
10.92	16.32	2.00	0.00	1.00	0.00	10.94	15.69	2.00	0.00	1.00	0.00
10.96	14.86	2.00	0.00	1.00	0.00	10.98	15.25	2.00	0.00	1.00	0.00
11.00	15.44	2.00	0.00	1.00	0.00	11.02	15.02	2.00	0.00	1.00	0.00
11.04	14.60	2.00	0.00	1.00	0.00	11.06	14.89	2.00	0.00	1.00	0.00
11.08	13.96	2.00	0.00	1.00	0.00	11.10	13.85	2.00	0.00	1.00	0.00
11.12	13.23	2.00	0.00	1.00	0.00	11.14	12.51	2.00	0.00	1.00	0.00
11.16	12.39	2.00	0.00	1.00	0.00	11.18	12.48	2.00	0.00	1.00	0.00
11.20	12.57	2.00	0.00	1.00	0.00	11.22	12.56	2.00	0.00	1.00	0.00
11.24	11.64	2.00	0.00	1.00	0.00	11.26	11.33	2.00	0.00	1.00	0.00
11.28	11.22	2.00	0.00	1.00	0.00	11.30	11.41	2.00	0.00	1.00	0.00
11.32	11.40	2.00	0.00	1.00	0.00	11.34	11.59	2.00	0.00	1.00	0.00
11.36	11.78	2.00	0.00	1.00	0.00	11.38	11.57	2.00	0.00	1.00	0.00
11.40	11.96	2.00	0.00	1.00	0.00	11.42	11.95	2.00	0.00	1.00	0.00
11.44	12.14	2.00	0.00	1.00	0.00	11.46	12.32	2.00	0.00	1.00	0.00
11.48	12.31	2.00	0.00	1.00	0.00	11.50	12.30	2.00	0.00	1.00	0.00
11.52	12.29	2.00	0.00	1.00	0.00	11.54	12.38	2.00	0.00	1.00	0.00
11.56	12.67	2.00	0.00	1.00	0.00	11.58	12.95	2.00	0.00	1.00	0.00
11.60	12.74	2.00	0.00	1.00	0.00	11.62	12.23	2.00	0.00	1.00	0.00
11.64	12.42	2.00	0.00	1.00	0.00	11.66	12.71	2.00	0.00	1.00	0.00
11.68	12.20	2.00	0.00	1.00	0.00	11.70	11.50	2.00	0.00	1.00	0.00
11.72	11.19	2.00	0.00	1.00	0.00	11.74	11.18	2.00	0.00	1.00	0.00
11.76	11.07	2.00	0.00	1.00	0.00	11.78	11.06	2.00	0.00	1.00	0.00
11.80	10.85	2.00	0.00	1.00	0.00	11.82	11.24	2.00	0.00	1.00	0.00
11.84	11.52	2.00	0.00	1.00	0.00	11.86	11.80	2.00	0.00	1.00	0.00
11.88	12.38	2.00	0.00	1.00	0.00	11.90	12.86	2.00	0.00	1.00	0.00
11.92	12.85	2.00	0.00	1.00	0.00	11.94	12.84	2.00	0.00	1.00	0.00
11.96	12.73	2.00	0.00	1.00	0.00	11.98	12.33	2.00	0.00	1.00	0.00
12.00	12.51	2.00	0.00	1.00	0.00	12.02	12.21	2.00	0.00	1.00	0.00
12.04	11.71	2.00	0.00	1.00	0.00	12.06	12.58	2.00	0.00	1.00	0.00
12.08	14.32	2.00	0.00	1.00	0.00	12.10	14.99	2.00	0.00	1.00	0.00
12.12	14.49	2.00	0.00	1.00	0.00	12.14	12.63	2.00	0.00	1.00	0.00
12.16	12.42	2.00	0.00	1.00	0.00	12.18	12.71	2.00	0.00	1.00	0.00
12.20	12.40	2.00	0.00	1.00	0.00	12.22	12.01	2.00	0.00	1.00	0.00
12.24	11.22	2.00	0.00	1.00	0.00	12.26	11.79	2.00	0.00	1.00	0.00
12.28	11.98	2.00	0.00	1.00	0.00	12.30	12.06	2.00	0.00	1.00	0.00
12.32	12.05	2.00	0.00	1.00	0.00	12.34	12.04	2.00	0.00	1.00	0.00
12.36	11.94	2.00	0.00	1.00	0.00	12.38	11.73	2.00	0.00	1.00	0.00
12.40	11.15	2.00	0.00	1.00	0.00	12.42	10.85	2.00	0.00	1.00	0.00
12.44	10.55	2.00	0.00	1.00	0.00	12.46	10.25	2.00	0.00	1.00	0.00
12.48	10.05	2.00	0.00	1.00	0.00	12.50	10.14	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	10.61	2.00	0.00	1.00	0.00	12.54	10.50	2.00	0.00	1.00	0.00
12.56	10.59	2.00	0.00	1.00	0.00	12.58	10.87	2.00	0.00	1.00	0.00
12.60	11.24	2.00	0.00	1.00	0.00	12.62	11.99	2.00	0.00	1.00	0.00
12.64	11.98	2.00	0.00	1.00	0.00	12.66	12.26	2.00	0.00	1.00	0.00
12.68	12.25	2.00	0.00	1.00	0.00	12.70	12.24	2.00	0.00	1.00	0.00
12.72	12.13	2.00	0.00	1.00	0.00	12.74	12.12	2.00	0.00	1.00	0.00
12.76	11.83	2.00	0.00	1.00	0.00	12.78	11.15	2.00	0.00	1.00	0.00
12.80	10.77	2.00	0.00	1.00	0.00	12.82	10.66	2.00	0.00	1.00	0.00
12.84	10.65	2.00	0.00	1.00	0.00	12.86	10.74	2.00	0.00	1.00	0.00
12.88	10.45	2.00	0.00	1.00	0.00	12.90	9.97	2.00	0.00	1.00	0.00
12.92	9.49	2.00	0.00	1.00	0.00	12.94	9.48	2.00	0.00	1.00	0.00
12.96	9.38	2.00	0.00	1.00	0.00	12.98	9.56	2.00	0.00	1.00	0.00
13.00	10.40	2.00	0.00	1.00	0.00	13.02	11.51	2.00	0.00	1.00	0.00
13.04	12.82	2.00	0.00	1.00	0.00	13.06	14.78	2.00	0.00	1.00	0.00
13.08	19.19	2.00	0.00	1.00	0.00	13.10	22.93	2.00	0.00	1.00	0.00
13.12	20.47	2.00	0.00	1.00	0.00	13.14	16.98	2.00	0.00	1.00	0.00
13.16	14.54	2.00	0.00	1.00	0.00	13.18	12.75	2.00	0.00	1.00	0.00
13.20	12.83	2.00	0.00	1.00	0.00	13.22	13.57	2.00	0.00	1.00	0.00
13.24	14.40	2.00	0.00	1.00	0.00	13.26	14.39	2.00	0.00	1.00	0.00
13.28	14.47	2.00	0.00	1.00	0.00	13.30	14.18	2.00	0.00	1.00	0.00
13.32	14.17	2.00	0.00	1.00	0.00	13.34	14.06	2.00	0.00	1.00	0.00
13.36	13.68	2.00	0.00	1.00	0.00	13.38	13.58	2.00	0.00	1.00	0.00
13.40	13.75	2.00	0.00	1.00	0.00	13.42	13.28	2.00	0.00	1.00	0.00
13.44	13.45	2.00	0.00	1.00	0.00	13.46	13.53	2.00	0.00	1.00	0.00
13.48	13.98	2.00	0.00	1.00	0.00	13.50	14.34	2.00	0.00	1.00	0.00
13.52	14.79	2.00	0.00	1.00	0.00	13.54	15.24	2.00	0.00	1.00	0.00
13.56	15.32	2.00	0.00	1.00	0.00	13.58	15.31	2.00	0.00	1.00	0.00
13.60	15.39	2.00	0.00	1.00	0.00	13.62	15.10	2.00	0.00	1.00	0.00
13.64	14.63	2.00	0.00	1.00	0.00	13.66	14.71	2.00	0.00	1.00	0.00
13.68	14.60	2.00	0.00	1.00	0.00	13.70	14.59	2.00	0.00	1.00	0.00
13.72	13.94	2.00	0.00	1.00	0.00	13.74	13.38	2.00	0.00	1.00	0.00
13.76	13.46	2.00	0.00	1.00	0.00	13.78	13.26	2.00	0.00	1.00	0.00
13.80	12.98	2.00	0.00	1.00	0.00	13.82	12.97	2.00	0.00	1.00	0.00
13.84	12.96	2.00	0.00	1.00	0.00	13.86	13.59	2.00	0.00	1.00	0.00
13.88	14.03	2.00	0.00	1.00	0.00	13.90	13.93	2.00	0.00	1.00	0.00
13.92	14.10	2.00	0.00	1.00	0.00	13.94	14.36	2.00	0.00	1.00	0.00
13.96	14.35	2.00	0.00	1.00	0.00	13.98	14.34	2.00	0.00	1.00	0.00
14.00	14.42	2.00	0.00	1.00	0.00	14.02	14.32	2.00	0.00	1.00	0.00
14.04	14.22	2.00	0.00	1.00	0.00	14.06	14.21	2.00	0.00	1.00	0.00
14.08	14.01	2.00	0.00	1.00	0.00	14.10	14.18	2.00	0.00	1.00	0.00
14.12	14.17	2.00	0.00	1.00	0.00	14.14	14.16	2.00	0.00	1.00	0.00
14.16	14.15	2.00	0.00	1.00	0.00	14.18	14.32	2.00	0.00	1.00	0.00
14.20	14.40	2.00	0.00	1.00	0.00	14.22	14.21	2.00	0.00	1.00	0.00
14.24	14.10	2.00	0.00	1.00	0.00	14.26	13.64	2.00	0.00	1.00	0.00
14.28	12.73	2.00	0.00	1.00	0.00	14.30	12.45	2.00	0.00	1.00	0.00
14.32	11.91	2.00	0.00	1.00	0.00	14.34	11.45	2.00	0.00	1.00	0.00
14.36	11.35	2.00	0.00	1.00	0.00	14.38	11.16	2.00	0.00	1.00	0.00
14.40	11.16	2.00	0.00	1.00	0.00	14.42	12.04	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	13.37	2.00	0.00	1.00	0.00	14.46	12.91	2.00	0.00	1.00	0.00
14.48	12.46	2.00	0.00	1.00	0.00	14.50	12.01	2.00	0.00	1.00	0.00
14.52	12.44	2.00	0.00	1.00	0.00	14.54	12.88	2.00	0.00	1.00	0.00
14.56	12.96	2.00	0.00	1.00	0.00	14.58	13.30	2.00	0.00	1.00	0.00
14.60	13.47	2.00	0.00	1.00	0.00	14.62	13.91	2.00	0.00	1.00	0.00
14.64	13.99	2.00	0.00	1.00	0.00	14.66	14.15	2.00	0.00	1.00	0.00
14.68	14.32	2.00	0.00	1.00	0.00	14.70	14.58	2.00	0.00	1.00	0.00
14.72	14.92	2.00	0.00	1.00	0.00	14.74	15.09	2.00	0.00	1.00	0.00
14.76	15.16	2.00	0.00	1.00	0.00	14.78	15.60	2.00	0.00	1.00	0.00
14.80	16.65	2.00	0.00	1.00	0.00	14.82	17.08	2.00	0.00	1.00	0.00
14.84	17.42	2.00	0.00	1.00	0.00	14.86	17.67	2.00	0.00	1.00	0.00
14.88	17.92	2.00	0.00	1.00	0.00	14.90	17.65	2.00	0.00	1.00	0.00
14.92	17.90	2.00	0.00	1.00	0.00	14.94	17.53	2.00	0.00	1.00	0.00
14.96	17.60	2.00	0.00	1.00	0.00	14.98	17.15	2.00	0.00	1.00	0.00
15.00	17.31	2.00	0.00	1.00	0.00	15.02	17.03	2.00	0.00	1.00	0.00
15.04	17.28	2.00	0.00	1.00	0.00	15.06	16.92	2.00	0.00	1.00	0.00
15.08	17.61	2.00	0.00	1.00	0.00	15.10	17.86	2.00	0.00	1.00	0.00
15.12	18.20	2.00	0.00	1.00	0.00	15.14	17.83	2.00	0.00	1.00	0.00
15.16	18.26	2.00	0.00	1.00	0.00	15.18	18.33	2.00	0.00	1.00	0.00
15.20	18.32	2.00	0.00	1.00	0.00	15.22	18.39	2.00	0.00	1.00	0.00
15.24	18.11	2.00	0.00	1.00	0.00	15.26	17.40	2.00	0.00	1.00	0.00
15.28	17.82	2.00	0.00	1.00	0.00	15.30	17.20	2.00	0.00	1.00	0.00
15.32	16.83	2.00	0.00	1.00	0.00	15.34	16.73	2.00	0.00	1.00	0.00
15.36	16.81	2.00	0.00	1.00	0.00	15.38	16.27	2.00	0.00	1.00	0.00
15.40	16.17	2.00	0.00	1.00	0.00	15.42	16.16	2.00	0.00	1.00	0.00
15.44	15.89	2.00	0.00	1.00	0.00	15.46	15.36	2.00	0.00	1.00	0.00
15.48	15.17	2.00	0.00	1.00	0.00	15.50	14.64	2.00	0.00	1.00	0.00
15.52	14.46	2.00	0.00	1.00	0.00	15.54	13.93	2.00	0.00	1.00	0.00
15.56	13.49	2.00	0.00	1.00	0.00	15.58	13.56	2.00	0.00	1.00	0.00
15.60	13.38	2.00	0.00	1.00	0.00	15.62	12.94	2.00	0.00	1.00	0.00
15.64	12.76	2.00	0.00	1.00	0.00	15.66	13.01	2.00	0.00	1.00	0.00
15.68	12.74	2.00	0.00	1.00	0.00	15.70	13.25	2.00	0.00	1.00	0.00
15.72	13.15	2.00	0.00	1.00	0.00	15.74	13.83	2.00	0.00	1.00	0.00
15.76	13.30	2.00	0.00	1.00	0.00	15.78	13.81	2.00	0.00	1.00	0.00
15.80	13.80	2.00	0.00	1.00	0.00	15.82	13.96	2.00	0.00	1.00	0.00
15.84	13.95	2.00	0.00	1.00	0.00	15.86	13.77	2.00	0.00	1.00	0.00
15.88	13.84	2.00	0.00	1.00	0.00	15.90	13.24	2.00	0.00	1.00	0.00
15.92	13.23	2.00	0.00	1.00	0.00	15.94	13.73	2.00	0.00	1.00	0.00
15.96	13.29	2.00	0.00	1.00	0.00	15.98	13.71	2.00	0.00	1.00	0.00
16.00	14.29	2.00	0.00	1.00	0.00	16.02	14.87	2.00	0.00	1.00	0.00
16.04	15.71	2.00	0.00	1.00	0.00	16.06	16.38	2.00	0.00	1.00	0.00
16.08	16.54	2.00	0.00	1.00	0.00	16.10	16.36	2.00	0.00	1.00	0.00
16.12	16.35	2.00	0.00	1.00	0.00	16.14	16.17	2.00	0.00	1.00	0.00
16.16	15.48	2.00	0.00	1.00	0.00	16.18	15.47	2.00	0.00	1.00	0.00
16.20	15.62	2.00	0.00	1.00	0.00	16.22	16.04	2.00	0.00	1.00	0.00
16.24	15.60	2.00	0.00	1.00	0.00	16.26	15.76	2.00	0.00	1.00	0.00
16.28	16.08	2.00	0.00	1.00	0.00	16.30	15.73	2.00	0.00	1.00	0.00
16.32	15.72	2.00	0.00	1.00	0.00	16.34	15.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	15.53	2.00	0.00	1.00	0.00	16.38	15.02	2.00	0.00	1.00	0.00
16.40	14.92	2.00	0.00	1.00	0.00	16.42	15.00	2.00	0.00	1.00	0.00
16.44	15.07	2.00	0.00	1.00	0.00	16.46	14.89	2.00	0.00	1.00	0.00
16.48	14.63	2.00	0.00	1.00	0.00	16.50	14.53	2.00	0.00	1.00	0.00
16.52	14.11	2.00	0.00	1.00	0.00	16.54	13.51	2.00	0.00	1.00	0.00
16.56	13.09	2.00	0.00	1.00	0.00	16.58	12.99	2.00	0.00	1.00	0.00
16.60	12.57	2.00	0.00	1.00	0.00	16.62	12.73	2.00	0.00	1.00	0.00
16.64	12.55	2.00	0.00	1.00	0.00	16.66	12.54	2.00	0.00	1.00	0.00
16.68	12.70	2.00	0.00	1.00	0.00	16.70	12.69	2.00	0.00	1.00	0.00
16.72	12.85	2.00	0.00	1.00	0.00	16.74	12.76	2.00	0.00	1.00	0.00
16.76	12.91	2.00	0.00	1.00	0.00	16.78	13.07	2.00	0.00	1.00	0.00
16.80	13.80	2.00	0.00	1.00	0.00	16.82	13.88	2.00	0.00	1.00	0.00
16.84	13.95	2.00	0.00	1.00	0.00	16.86	14.27	2.00	0.00	1.00	0.00
16.88	14.59	2.00	0.00	1.00	0.00	16.90	15.16	2.00	0.00	1.00	0.00
16.92	15.73	2.00	0.00	1.00	0.00	16.94	15.55	2.00	0.00	1.00	0.00
16.96	15.54	2.00	0.00	1.00	0.00	16.98	15.69	2.00	0.00	1.00	0.00
17.00	16.01	2.00	0.00	1.00	0.00	17.02	16.25	2.00	0.00	1.00	0.00
17.04	16.57	2.00	0.00	1.00	0.00	17.06	16.31	2.00	0.00	1.00	0.00
17.08	15.31	2.00	0.00	1.00	0.00	17.10	14.97	2.00	0.00	1.00	0.00
17.12	14.63	2.00	0.00	1.00	0.00	17.14	14.13	2.00	0.00	1.00	0.00
17.16	14.21	2.00	0.00	1.00	0.00	17.18	14.44	2.00	0.00	1.00	0.00
17.20	14.27	2.00	0.00	1.00	0.00	17.22	13.93	2.00	0.00	1.00	0.00
17.24	13.92	2.00	0.00	1.00	0.00	17.26	13.59	2.00	0.00	1.00	0.00
17.28	13.01	2.00	0.00	1.00	0.00	17.30	12.68	2.00	0.00	1.00	0.00
17.32	12.67	2.00	0.00	1.00	0.00	17.34	12.50	2.00	0.00	1.00	0.00
17.36	12.25	2.00	0.00	1.00	0.00	17.38	11.75	2.00	0.00	1.00	0.00
17.40	11.34	2.00	0.00	1.00	0.00	17.42	10.85	2.00	0.00	1.00	0.00
17.44	10.60	2.00	0.00	1.00	0.00	17.46	10.92	2.00	0.00	1.00	0.00
17.48	10.99	2.00	0.00	1.00	0.00	17.50	11.06	2.00	0.00	1.00	0.00
17.52	11.46	2.00	0.00	1.00	0.00	17.54	11.05	2.00	0.00	1.00	0.00
17.56	11.04	2.00	0.00	1.00	0.00	17.58	10.72	2.00	0.00	1.00	0.00
17.60	11.03	2.00	0.00	1.00	0.00	17.62	10.94	2.00	0.00	1.00	0.00
17.64	10.94	2.00	0.00	1.00	0.00	17.66	11.17	2.00	0.00	1.00	0.00
17.68	11.24	2.00	0.00	1.00	0.00	17.70	11.07	2.00	0.00	1.00	0.00
17.72	10.59	2.00	0.00	1.00	0.00	17.74	10.50	2.00	0.00	1.00	0.00
17.76	10.34	2.00	0.00	1.00	0.00	17.78	10.17	2.00	0.00	1.00	0.00
17.80	10.72	2.00	0.00	1.00	0.00	17.82	10.48	2.00	0.00	1.00	0.00
17.84	10.31	2.00	0.00	1.00	0.00	17.86	9.51	2.00	0.00	1.00	0.00
17.88	8.87	2.00	0.00	1.00	0.00	17.90	8.63	2.00	0.00	1.00	0.00
17.92	8.00	2.00	0.00	1.00	0.00	17.94	7.91	2.00	0.00	1.00	0.00
17.96	8.14	2.00	0.00	1.00	0.00	17.98	8.30	2.00	0.00	1.00	0.00
18.00	9.71	2.00	0.00	1.00	0.00	18.02	11.68	2.00	0.00	1.00	0.00
18.04	12.54	2.00	0.00	1.00	0.00	18.06	11.67	2.00	0.00	1.00	0.00
18.08	10.48	2.00	0.00	1.00	0.00	18.10	9.29	2.00	0.00	1.00	0.00
18.12	8.81	2.00	0.00	1.00	0.00	18.14	8.89	2.00	0.00	1.00	0.00
18.16	9.27	2.00	0.00	1.00	0.00	18.18	9.19	2.00	0.00	1.00	0.00
18.20	9.18	2.00	0.00	1.00	0.00	18.22	9.02	2.00	0.00	1.00	0.00
18.24	9.41	2.00	0.00	1.00	0.00	18.26	9.95	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.28	10.10	2.00	0.00	1.00	0.00	18.30	10.41	2.00	0.00	1.00	0.00
18.32	10.48	2.00	0.00	1.00	0.00	18.34	10.64	2.00	0.00	1.00	0.00
18.36	10.47	2.00	0.00	1.00	0.00	18.38	10.47	2.00	0.00	1.00	0.00
18.40	10.46	2.00	0.00	1.00	0.00	18.42	11.00	2.00	0.00	1.00	0.00
18.44	10.84	2.00	0.00	1.00	0.00	18.46	10.91	2.00	0.00	1.00	0.00
18.48	10.67	2.00	0.00	1.00	0.00	18.50	10.04	2.00	0.00	1.00	0.00
18.52	10.58	2.00	0.00	1.00	0.00	18.54	10.03	2.00	0.00	1.00	0.00
18.56	10.02	2.00	0.00	1.00	0.00	18.58	9.86	2.00	0.00	1.00	0.00
18.60	9.62	2.00	0.00	1.00	0.00	18.62	9.54	2.00	0.00	1.00	0.00
18.64	9.53	2.00	0.00	1.00	0.00	18.66	9.68	2.00	0.00	1.00	0.00
18.68	9.60	2.00	0.00	1.00	0.00	18.70	9.13	2.00	0.00	1.00	0.00
18.72	9.35	2.00	0.00	1.00	0.00	18.74	9.27	2.00	0.00	1.00	0.00
18.76	9.11	2.00	0.00	1.00	0.00	18.78	8.95	2.00	0.00	1.00	0.00
18.80	8.56	2.00	0.00	1.00	0.00	18.82	8.56	2.00	0.00	1.00	0.00
18.84	8.47	2.00	0.00	1.00	0.00	18.86	8.47	2.00	0.00	1.00	0.00
18.88	8.24	2.00	0.00	1.00	0.00	18.90	7.85	2.00	0.00	1.00	0.00
18.92	7.54	2.00	0.00	1.00	0.00	18.94	7.23	2.00	0.00	1.00	0.00
18.96	7.15	2.00	0.00	1.00	0.00	18.98	6.92	2.00	0.00	1.00	0.00
19.00	6.68	2.00	0.00	1.00	0.00	19.02	6.60	2.00	0.00	1.00	0.00
19.04	6.45	2.00	0.00	1.00	0.00	19.06	6.14	2.00	0.00	1.00	0.00
19.08	6.14	2.00	0.00	1.00	0.00	19.10	5.83	2.00	0.00	1.00	0.00
19.12	5.76	2.00	0.00	1.00	0.00	19.14	5.83	2.00	0.00	1.00	0.00
19.16	5.83	2.00	0.00	1.00	0.00	19.18	5.75	2.00	0.00	1.00	0.00
19.20	5.90	2.00	0.00	1.00	0.00	19.22	6.27	2.00	0.00	1.00	0.00
19.24	8.47	2.00	0.00	1.00	0.00	19.26	10.59	2.00	0.00	1.00	0.00
19.28	15.34	2.00	0.00	1.00	0.00	19.30	79.43	0.53	4.04	1.00	0.08
19.32	86.40	0.57	3.72	1.00	0.07	19.34	89.88	0.59	3.58	1.00	0.07
19.36	89.22	0.58	3.60	1.00	0.07	19.38	89.43	0.59	3.60	1.00	0.07
19.40	87.68	0.58	3.67	1.00	0.07	19.42	84.84	0.56	3.79	1.00	0.08
19.44	80.68	0.54	3.98	1.00	0.08	19.46	79.93	0.54	4.01	1.00	0.08
19.48	80.22	0.54	4.00	1.00	0.08	19.50	21.25	2.00	0.00	1.00	0.00
19.52	18.06	2.00	0.00	1.00	0.00	19.54	13.58	2.00	0.00	1.00	0.00
19.56	10.82	2.00	0.00	1.00	0.00	19.58	8.99	2.00	0.00	1.00	0.00
19.60	8.76	2.00	0.00	1.00	0.00	19.62	8.38	2.00	0.00	1.00	0.00
19.64	8.53	2.00	0.00	1.00	0.00	19.66	8.75	2.00	0.00	1.00	0.00
19.68	8.97	2.00	0.00	1.00	0.00	19.70	9.65	2.00	0.00	1.00	0.00
19.72	9.72	2.00	0.00	1.00	0.00	19.74	9.34	2.00	0.00	1.00	0.00
19.76	8.95	2.00	0.00	1.00	0.00	19.78	9.85	2.00	0.00	1.00	0.00
19.80	12.81	2.00	0.00	1.00	0.00	19.82	12.34	2.00	0.00	1.00	0.00
19.84	13.78	2.00	0.00	1.00	0.00	19.86	18.52	2.00	0.00	1.00	0.00
19.88	22.76	2.00	0.00	1.00	0.00	19.90	23.20	2.00	0.00	1.00	0.00
19.92	22.33	2.00	0.00	1.00	0.00	19.94	20.78	2.00	0.00	1.00	0.00
19.96	18.93	2.00	0.00	1.00	0.00	19.98	14.95	2.00	0.00	1.00	0.00
20.00	12.21	2.00	0.00	1.00	0.00	20.02	10.77	2.00	0.00	1.00	0.00
20.04	11.97	2.00	0.00	1.00	0.00	20.06	12.27	2.00	0.00	1.00	0.00
20.08	11.81	2.00	0.00	1.00	0.00	20.10	11.57	2.00	0.00	1.00	0.00
20.12	10.89	2.00	0.00	1.00	0.00	20.14	10.21	2.00	0.00	1.00	0.00
20.16	10.35	2.00	0.00	1.00	0.00	20.18	10.57	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

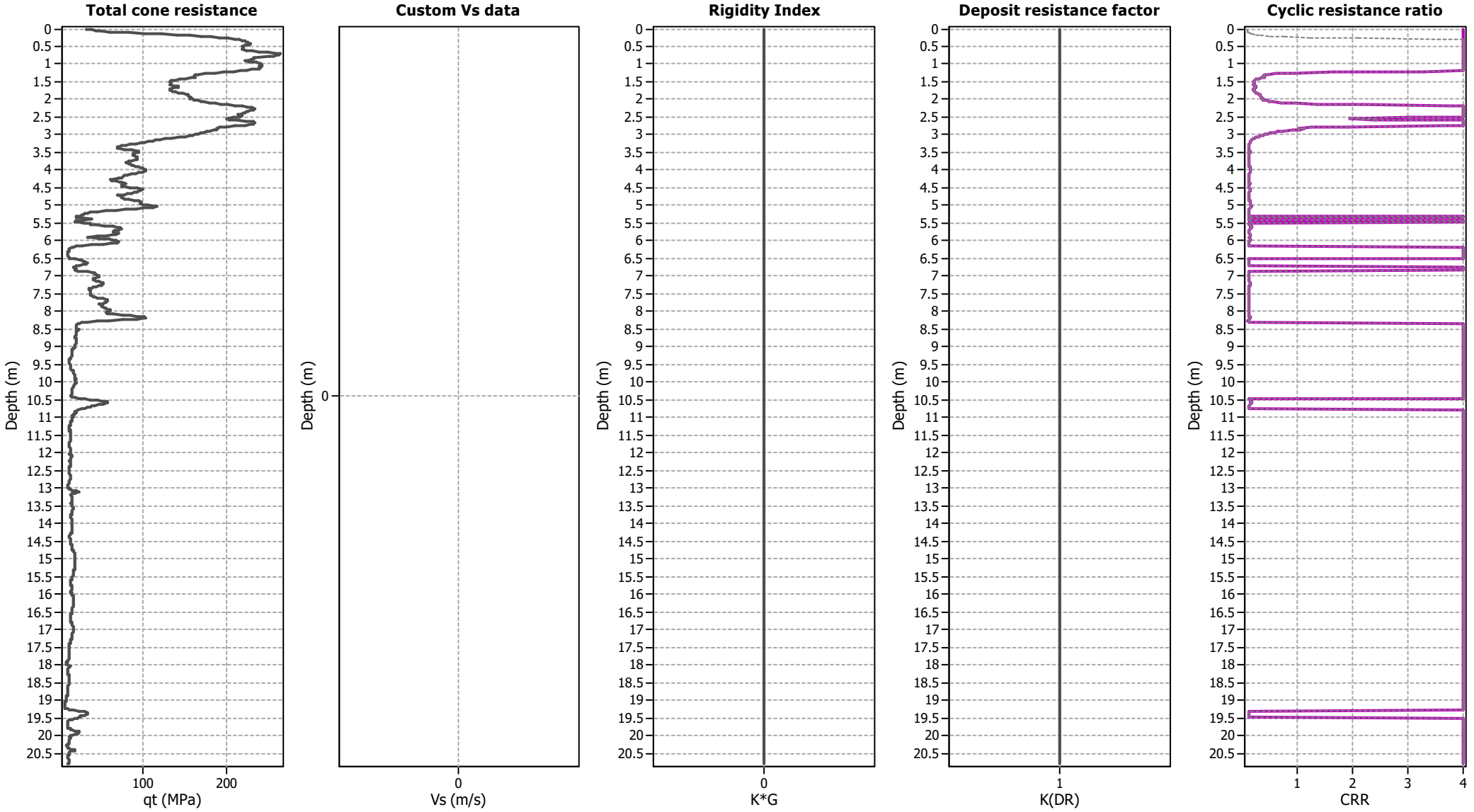
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
20.20	11.02	2.00	0.00	1.00	0.00	20.22	10.71	2.00	0.00	1.00	0.00
20.24	9.58	2.00	0.00	1.00	0.00	20.26	8.32	2.00	0.00	1.00	0.00
20.28	8.16	2.00	0.00	1.00	0.00	20.30	8.60	2.00	0.00	1.00	0.00
20.32	8.75	2.00	0.00	1.00	0.00	20.34	9.12	2.00	0.00	1.00	0.00
20.36	10.15	2.00	0.00	1.00	0.00	20.38	13.42	2.00	0.00	1.00	0.00
20.40	17.42	2.00	0.00	1.00	0.00	20.42	16.96	2.00	0.00	1.00	0.00
20.44	13.12	2.00	0.00	1.00	0.00	20.46	11.32	2.00	0.00	1.00	0.00
20.48	10.42	2.00	0.00	1.00	0.00	20.50	10.41	2.00	0.00	1.00	0.00
20.52	10.85	2.00	0.00	1.00	0.00	20.54	10.48	2.00	0.00	1.00	0.00
20.56	9.88	2.00	0.00	1.00	0.00	20.58	9.43	2.00	0.00	1.00	0.00
20.60	8.76	2.00	0.00	1.00	0.00	20.62	8.39	2.00	0.00	1.00	0.00
20.64	9.12	2.00	0.00	1.00	0.00	20.66	10.82	2.00	0.00	1.00	0.00
20.68	11.11	2.00	0.00	1.00	0.00	20.70	11.18	2.00	0.00	1.00	0.00
20.72	10.43	2.00	0.00	1.00	0.00	20.74	10.05	2.00	0.00	1.00	0.00
20.76	10.20	2.00	0.00	1.00	0.00	20.78	9.97	2.00	0.00	1.00	0.00
20.80	10.11	2.00	0.00	1.00	0.00						

Total estimated settlement: 18.95

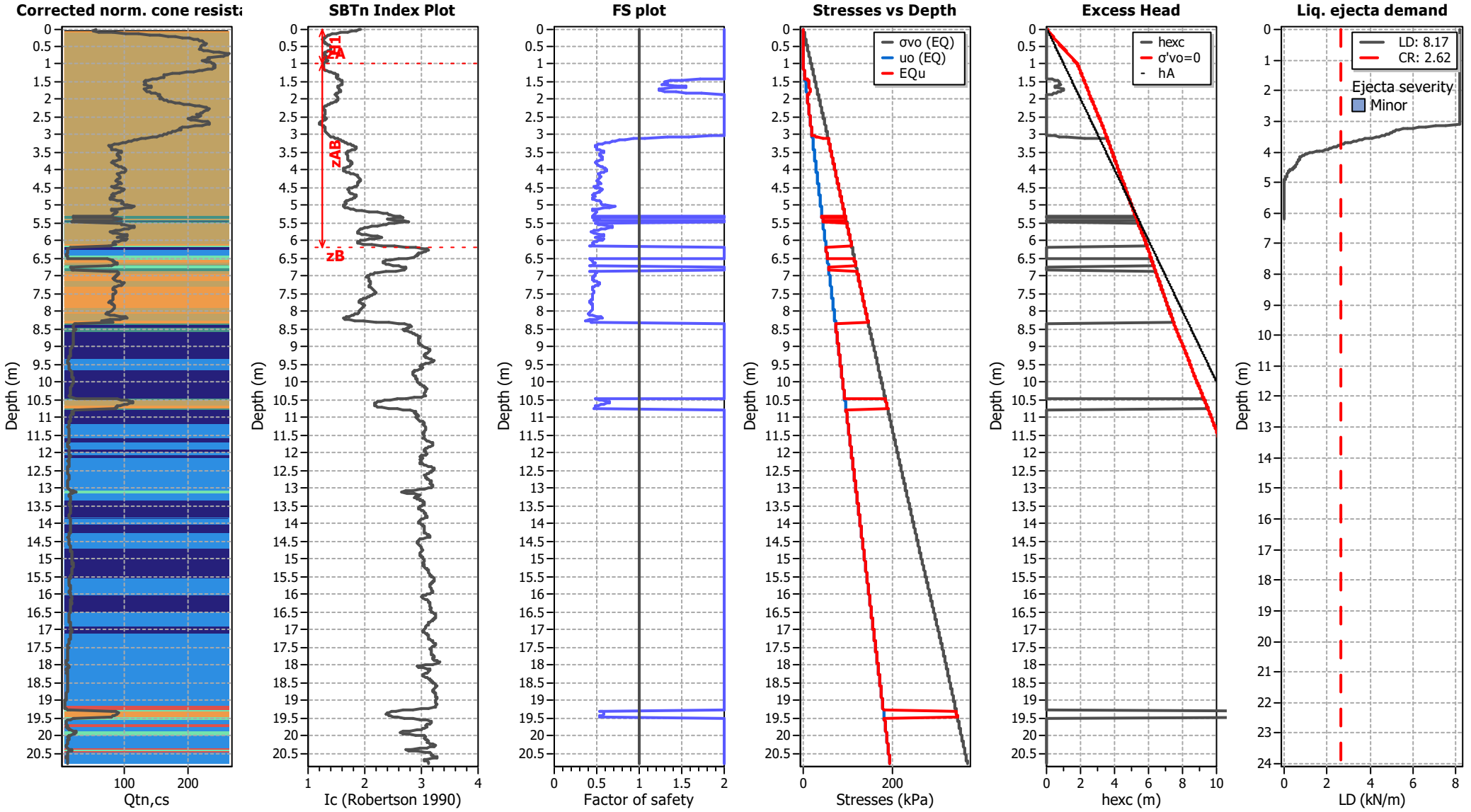
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



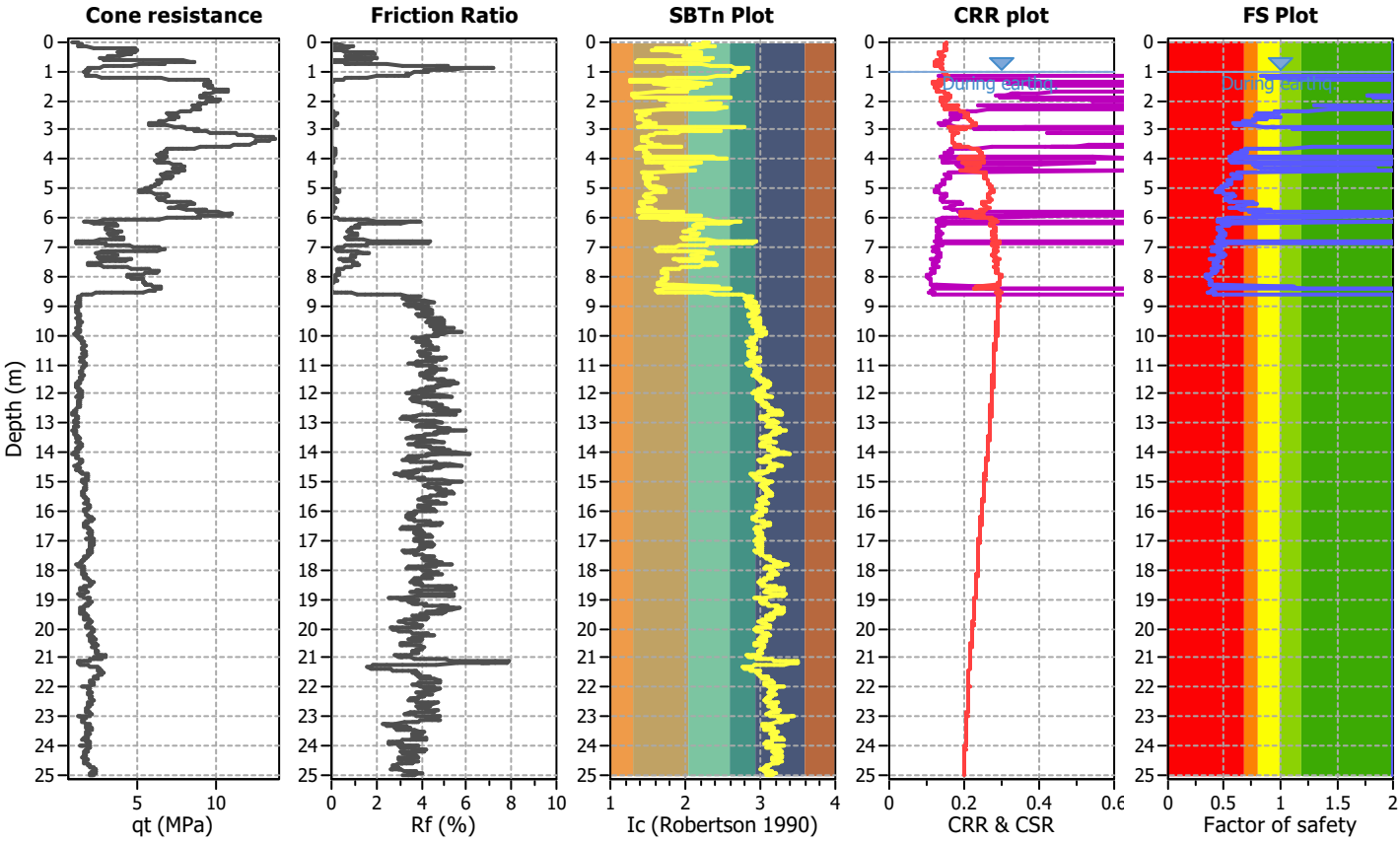
LIQUEFACTION ANALYSIS REPORT

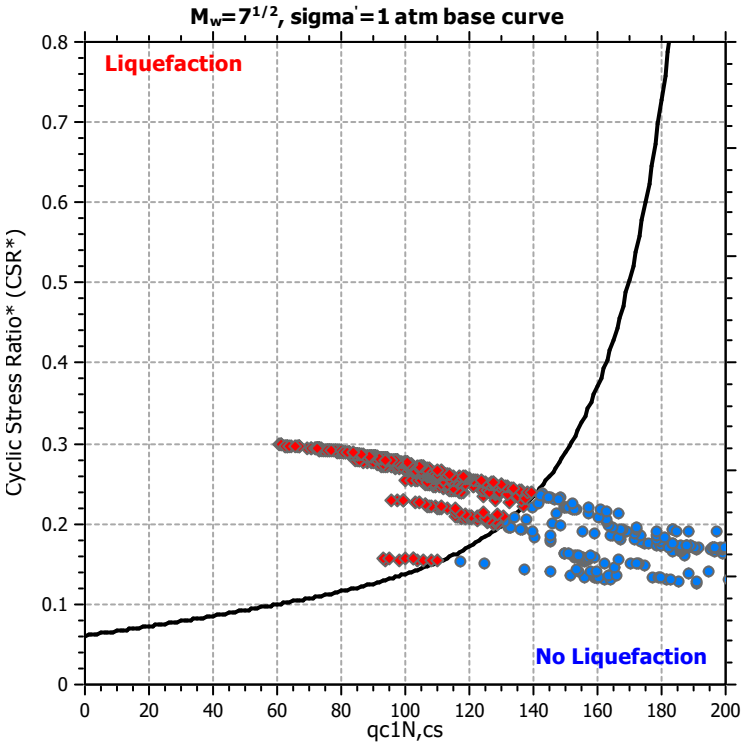
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

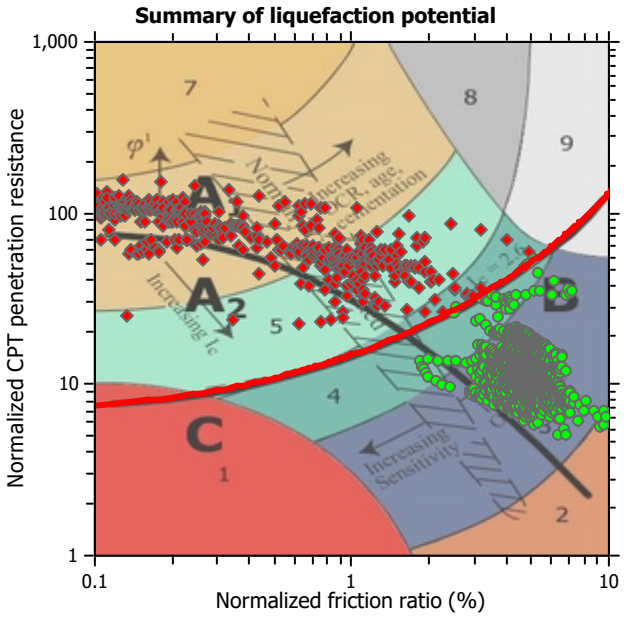
CPT file : 040008P1031CPTU1032

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

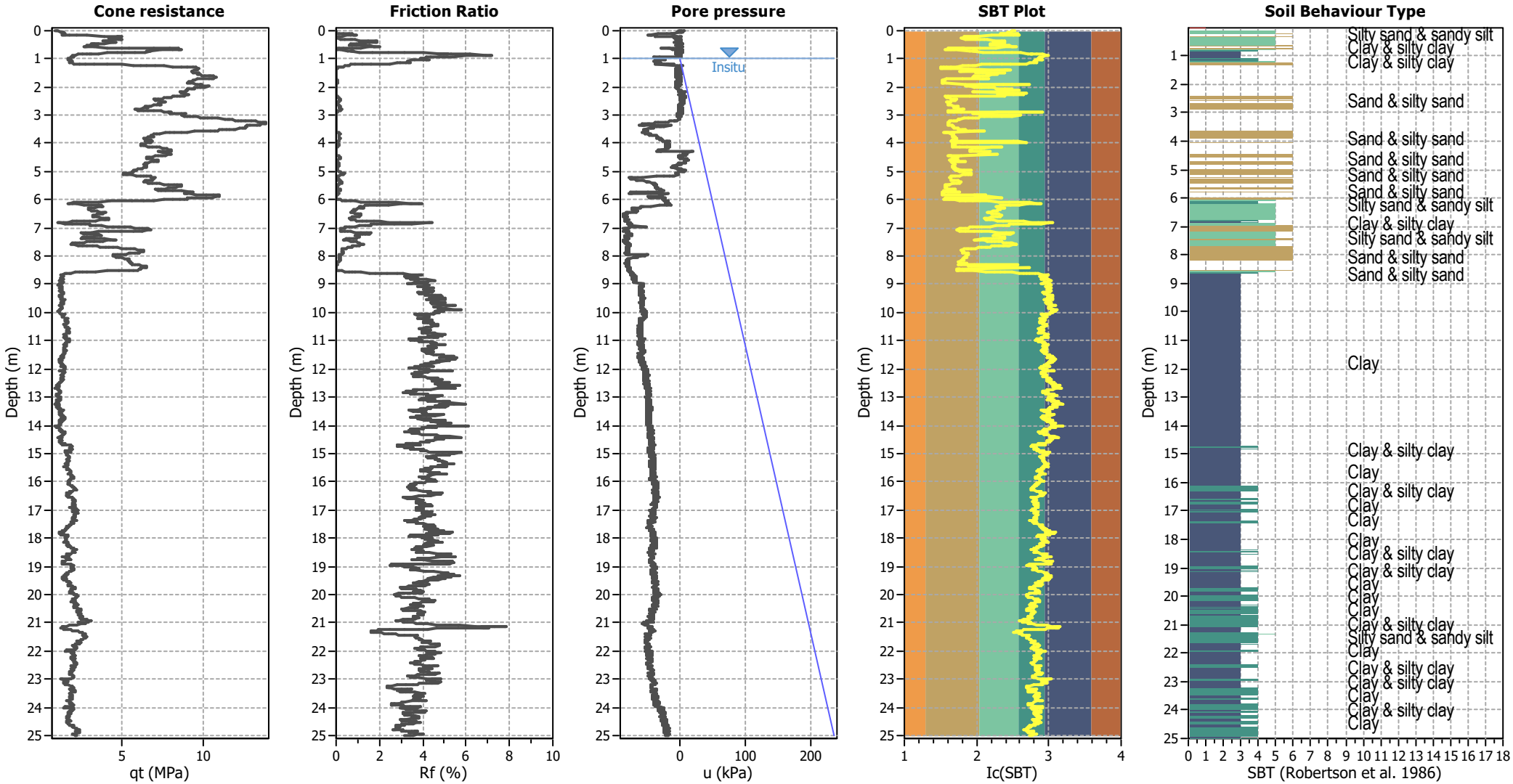






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



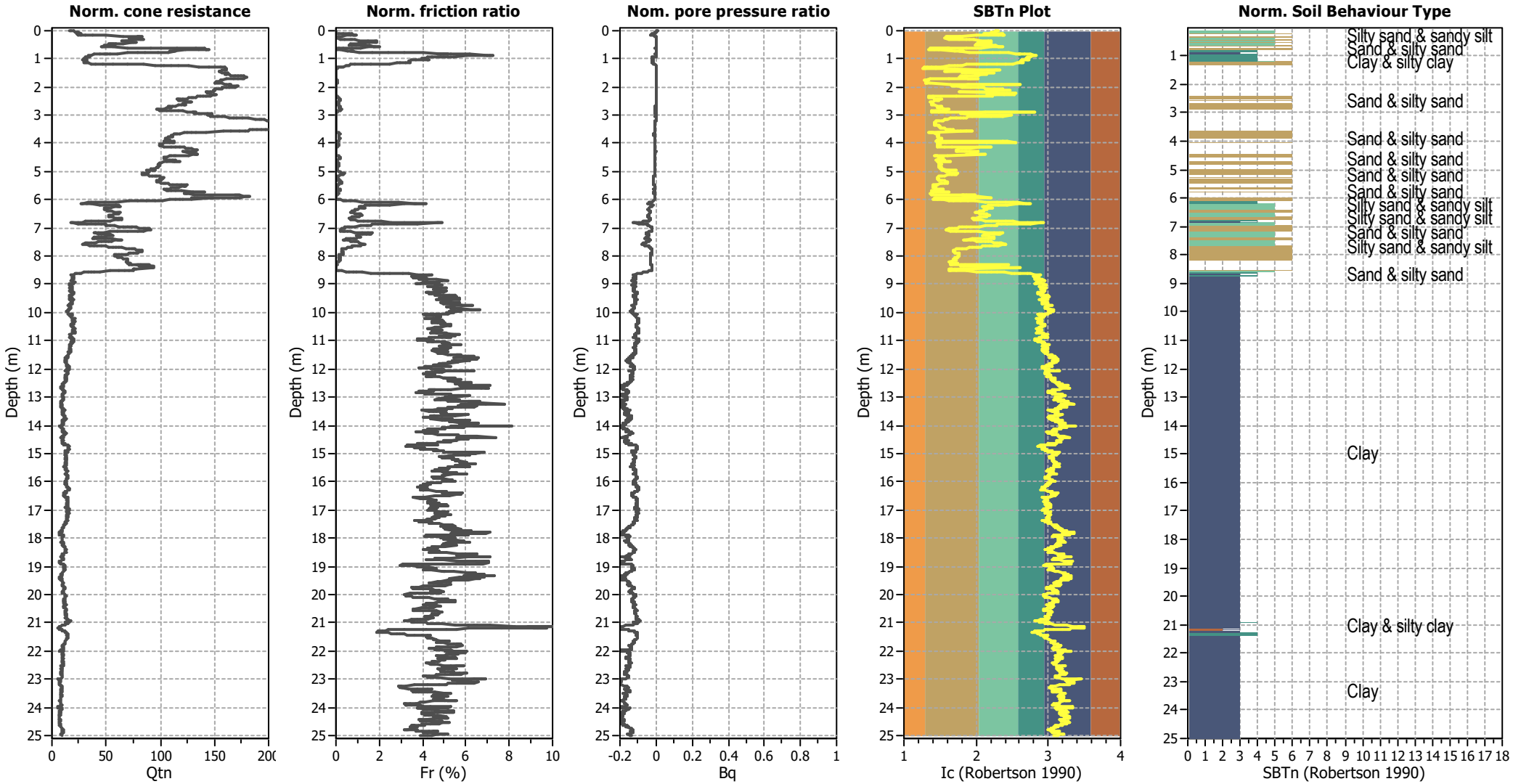
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



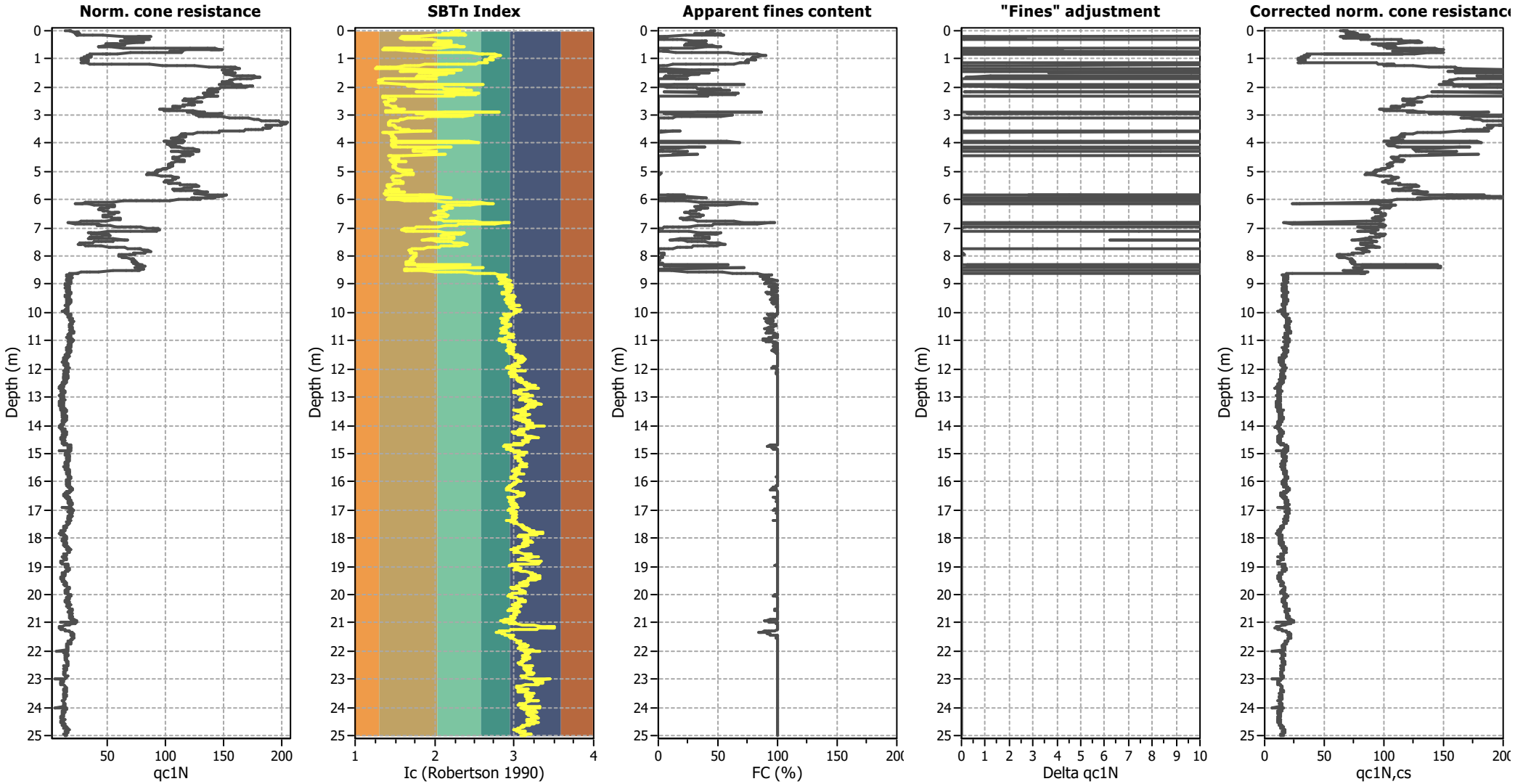
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

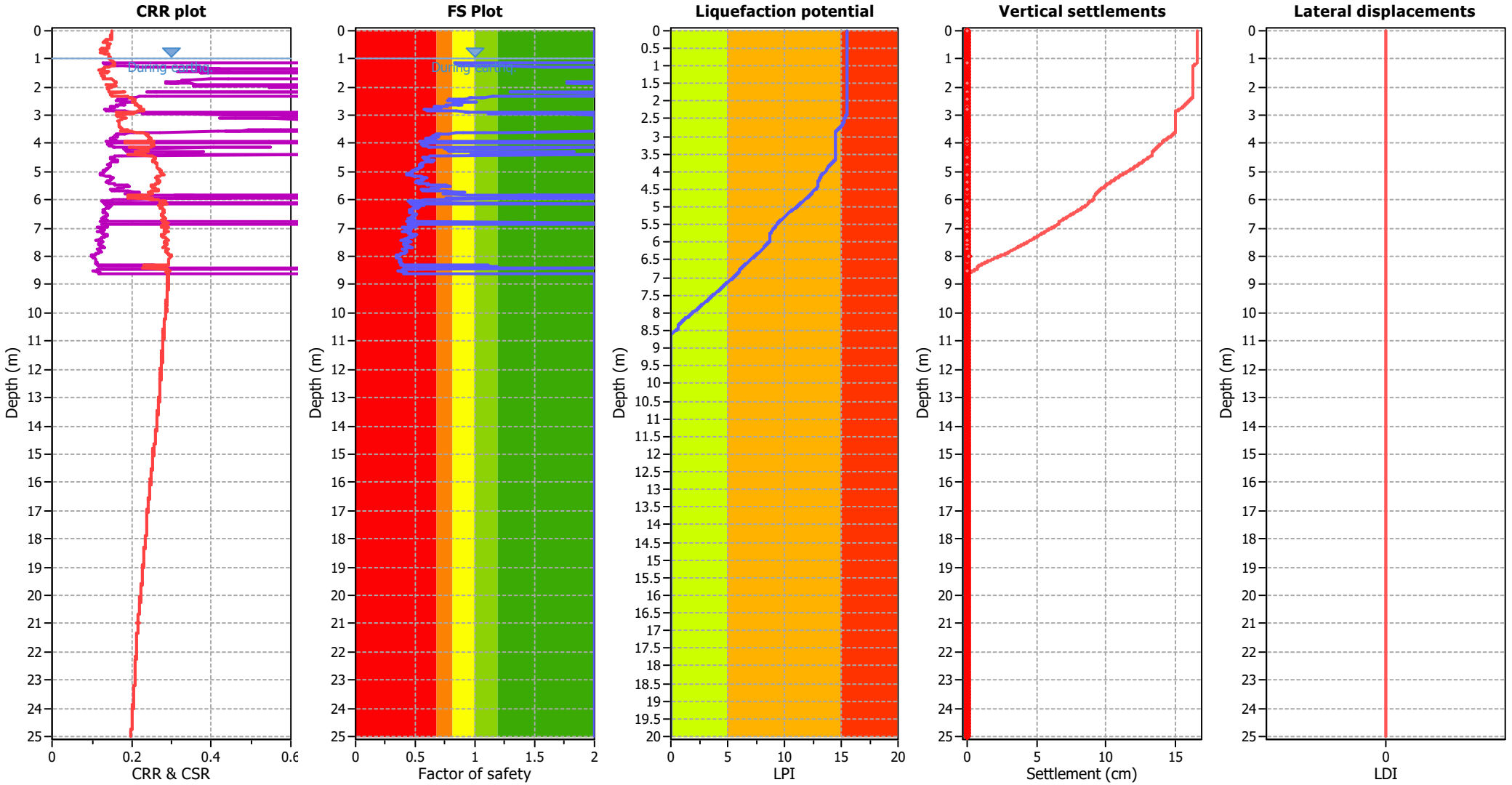
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

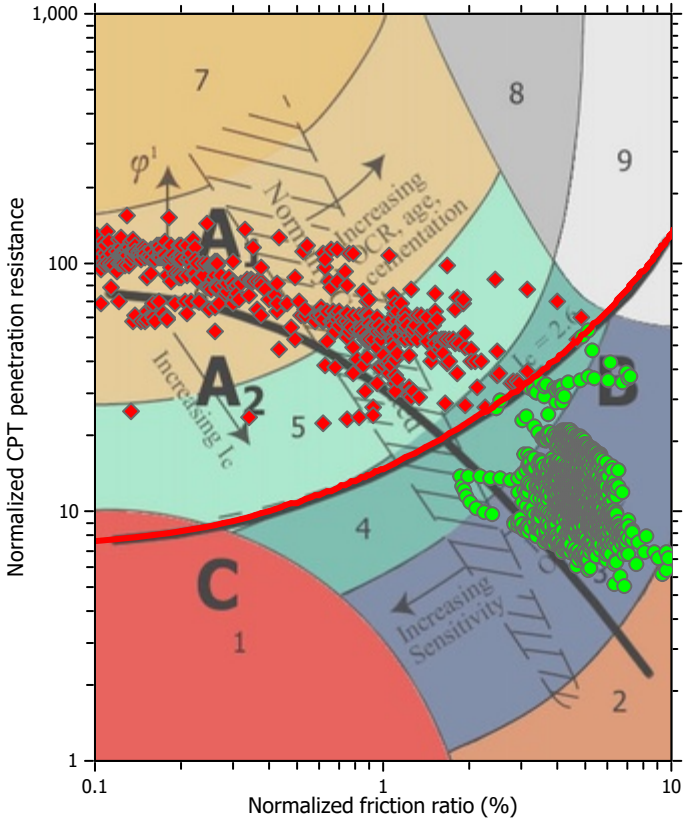
F.S. color scheme

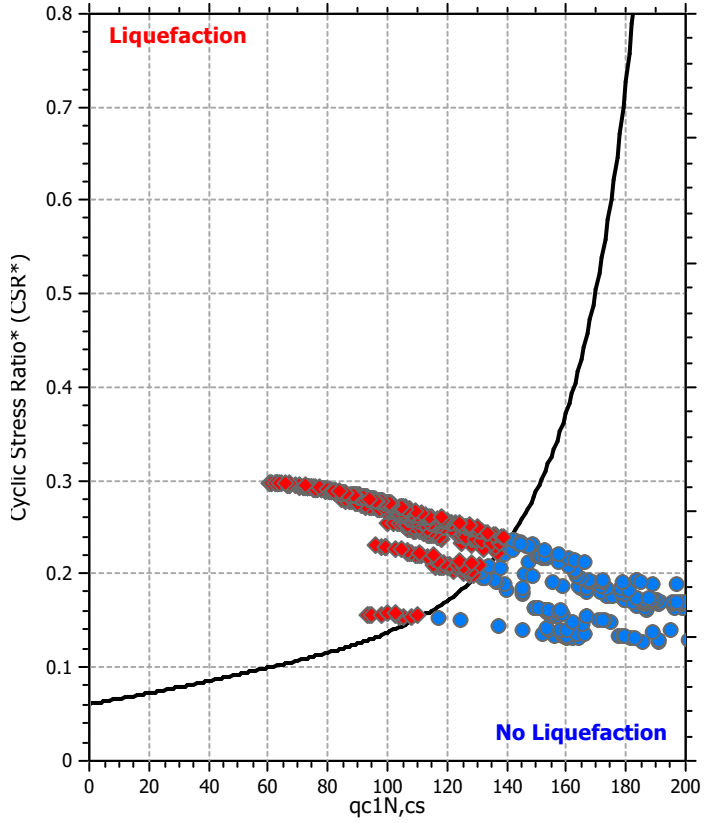
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

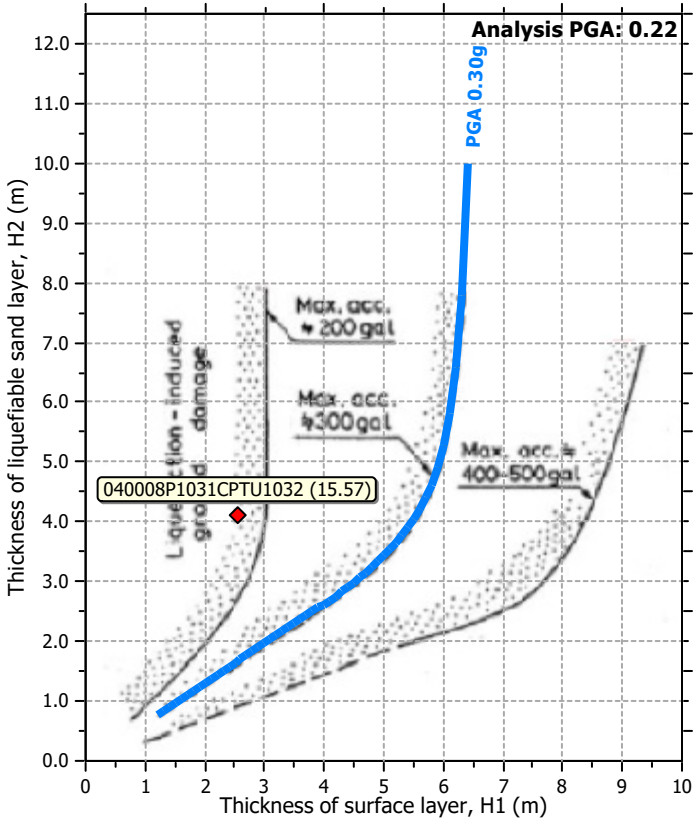
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



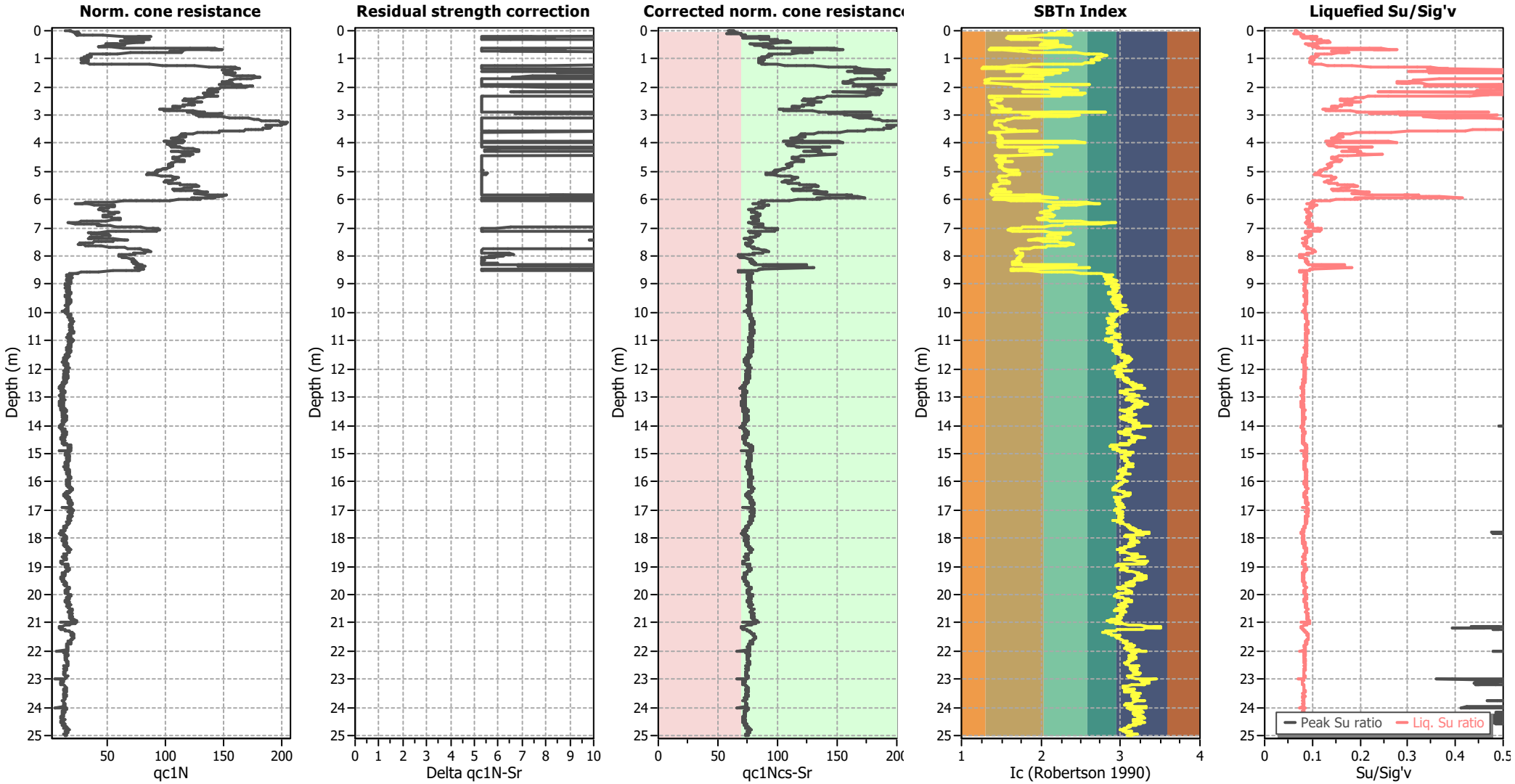




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	2.00	0.00	0.00	0.01	0.00	1.04	2.00	0.00	0.00	0.01	0.00
1.05	2.00	0.00	0.00	0.01	0.00	1.06	2.00	0.00	0.00	0.01	0.00
1.07	2.00	0.00	0.00	0.01	0.00	1.08	2.00	0.00	0.00	0.01	0.00
1.09	2.00	0.00	0.00	0.01	0.00	1.10	2.00	0.00	0.00	0.01	0.00
1.11	2.00	0.00	0.00	0.01	0.00	1.12	2.00	0.00	0.00	0.01	0.00
1.13	2.00	0.00	0.00	0.01	0.00	1.14	2.00	0.00	0.00	0.01	0.00
1.15	0.84	0.00	0.00	0.01	0.02	1.16	0.83	0.00	0.00	0.01	0.02
1.17	0.84	0.00	0.00	0.01	0.01	1.18	0.87	0.00	0.00	0.01	0.01
1.19	0.93	0.00	0.00	0.01	0.01	1.20	0.94	0.00	0.00	0.01	0.01
1.21	0.97	0.00	0.00	0.01	0.00	1.22	0.90	0.00	0.00	0.01	0.01
1.23	0.87	0.00	0.00	0.01	0.01	1.24	0.89	0.00	0.00	0.01	0.01
1.25	0.98	0.00	0.00	0.01	0.00	1.26	1.09	0.00	0.00	0.01	0.00
1.27	1.23	0.00	0.00	0.01	0.00	1.28	1.57	0.00	0.00	0.01	0.00
1.29	1.90	0.00	0.00	0.01	0.00	1.30	2.00	0.00	0.00	0.01	0.00
1.31	2.00	0.00	0.00	0.01	0.00	1.32	2.00	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	2.00	0.00	0.00	0.01	0.00
1.37	2.00	0.00	0.00	0.01	0.00	1.38	2.00	0.00	0.00	0.01	0.00
1.39	2.00	0.00	0.00	0.01	0.00	1.40	2.00	0.00	0.00	0.01	0.00
1.41	2.00	0.00	0.00	0.01	0.00	1.42	2.00	0.00	0.00	0.01	0.00
1.43	2.00	0.00	0.00	0.01	0.00	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	2.00	0.00	0.00	0.01	0.00
1.47	2.00	0.00	0.00	0.01	0.00	1.48	2.00	0.00	0.00	0.01	0.00
1.49	2.00	0.00	0.00	0.01	0.00	1.50	2.00	0.00	0.00	0.01	0.00
1.51	2.00	0.00	0.00	0.01	0.00	1.52	2.00	0.00	0.00	0.01	0.00
1.53	2.00	0.00	0.00	0.01	0.00	1.54	2.00	0.00	0.00	0.01	0.00
1.55	2.00	0.00	0.00	0.01	0.00	1.56	2.00	0.00	0.00	0.01	0.00
1.57	2.00	0.00	0.00	0.01	0.00	1.58	2.00	0.00	0.00	0.01	0.00
1.59	2.00	0.00	0.00	0.01	0.00	1.60	2.00	0.00	0.00	0.01	0.00
1.61	2.00	0.00	0.00	0.01	0.00	1.62	2.00	0.00	0.00	0.01	0.00
1.63	2.00	0.00	0.00	0.01	0.00	1.64	2.00	0.00	0.00	0.01	0.00
1.65	2.00	0.00	0.00	0.01	0.00	1.66	2.00	0.00	0.00	0.01	0.00
1.67	2.00	0.00	0.00	0.01	0.00	1.68	2.00	0.00	0.00	0.01	0.00
1.69	2.00	0.00	0.00	0.01	0.00	1.70	2.00	0.00	0.00	0.01	0.00
1.71	2.00	0.00	0.00	0.01	0.00	1.72	2.00	0.00	0.00	0.01	0.00
1.73	2.00	0.00	0.00	0.01	0.00	1.74	2.00	0.00	0.00	0.01	0.00
1.75	2.00	0.00	0.00	0.01	0.00	1.76	2.00	0.00	0.00	0.01	0.00
1.77	2.00	0.00	0.00	0.01	0.00	1.78	2.00	0.00	0.00	0.01	0.00
1.79	2.00	0.00	0.00	0.01	0.00	1.80	1.98	0.00	0.00	0.01	0.00
1.81	2.00	0.00	0.00	0.01	0.00	1.82	2.00	0.00	0.00	0.01	0.00
1.83	1.77	0.00	0.00	0.01	0.00	1.84	1.94	0.00	0.00	0.01	0.00
1.85	1.77	0.00	0.00	0.01	0.00	1.86	1.99	0.00	0.00	0.01	0.00
1.87	1.83	0.00	0.00	0.01	0.00	1.88	1.99	0.00	0.00	0.01	0.00
1.89	2.00	0.00	0.00	0.01	0.00	1.90	2.00	0.00	0.00	0.01	0.00
1.91	2.00	0.00	0.00	0.01	0.00	1.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	2.00	0.00	0.00	0.01	0.00	1.94	2.00	0.00	0.00	0.01	0.00
1.95	2.00	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	2.00	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	1.49	0.00	0.00	0.01	0.00	2.18	1.30	0.00	0.00	0.01	0.00
2.19	1.46	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	2.00	0.00	0.00	0.01	0.00
2.23	2.00	0.00	0.00	0.01	0.00	2.24	2.00	0.00	0.00	0.01	0.00
2.25	2.00	0.00	0.00	0.01	0.00	2.26	2.00	0.00	0.00	0.01	0.00
2.27	2.00	0.00	0.00	0.01	0.00	2.28	2.00	0.00	0.00	0.01	0.00
2.29	2.00	0.00	0.00	0.01	0.00	2.30	2.00	0.00	0.00	0.01	0.00
2.31	2.00	0.00	0.00	0.01	0.00	2.32	1.43	0.00	0.00	0.01	0.00
2.33	1.24	0.00	0.00	0.01	0.00	2.34	1.15	0.00	0.00	0.01	0.00
2.35	1.14	0.00	0.00	0.01	0.00	2.36	1.07	0.00	0.00	0.01	0.00
2.37	1.05	0.00	0.00	0.01	0.00	2.38	1.07	0.00	0.00	0.01	0.00
2.39	0.95	0.00	0.00	0.01	0.00	2.40	0.98	0.00	0.00	0.01	0.00
2.41	0.92	0.00	0.00	0.01	0.01	2.42	0.87	0.00	0.00	0.01	0.01
2.43	0.78	0.00	0.00	0.01	0.02	2.44	0.80	0.00	0.00	0.01	0.02
2.45	0.78	0.00	0.00	0.01	0.02	2.46	0.80	0.00	0.00	0.01	0.02
2.47	0.82	0.00	0.00	0.01	0.02	2.48	0.77	0.00	0.00	0.01	0.02
2.49	0.84	0.00	0.00	0.01	0.01	2.50	0.82	0.00	0.00	0.01	0.02
2.51	0.91	0.00	0.00	0.01	0.01	2.52	0.90	0.00	0.00	0.01	0.01
2.53	0.94	0.00	0.00	0.01	0.00	2.54	1.01	0.00	0.00	0.01	0.00
2.55	0.94	0.00	0.00	0.01	0.01	2.56	0.91	0.00	0.00	0.01	0.01
2.57	0.83	0.00	0.00	0.01	0.02	2.58	0.85	0.00	0.00	0.01	0.01
2.59	0.81	0.00	0.00	0.01	0.02	2.60	0.86	0.00	0.00	0.01	0.01
2.61	0.82	0.00	0.00	0.01	0.02	2.62	0.86	0.00	0.00	0.01	0.01
2.63	0.86	0.00	0.00	0.01	0.01	2.64	0.89	0.00	0.00	0.01	0.01
2.65	0.80	0.00	0.00	0.01	0.02	2.66	0.76	0.24	1.22	0.01	0.02
2.67	0.77	0.00	0.00	0.01	0.02	2.68	0.70	0.30	0.90	0.01	0.03
2.69	0.70	0.30	0.91	0.01	0.02	2.70	0.66	0.34	0.78	0.01	0.03
2.71	0.69	0.31	0.86	0.01	0.03	2.72	0.67	0.33	0.80	0.01	0.03
2.73	0.70	0.30	0.92	0.01	0.03	2.74	0.72	0.28	1.02	0.01	0.02
2.75	0.67	0.33	0.82	0.01	0.03	2.76	0.65	0.35	0.76	0.01	0.03
2.77	0.65	0.35	0.76	0.01	0.03	2.78	0.59	0.41	0.61	0.01	0.04
2.79	0.57	0.43	0.58	0.01	0.03	2.80	0.60	0.40	0.62	0.01	0.04
2.81	0.59	0.41	0.62	0.01	0.04	2.82	0.60	0.40	0.63	0.01	0.03
2.83	0.62	0.38	0.68	0.01	0.03	2.84	0.63	0.37	0.70	0.01	0.03
2.85	0.69	0.31	0.88	0.01	0.03	2.86	0.74	0.26	1.12	0.01	0.02
2.87	0.85	0.00	0.00	0.01	0.01	2.88	0.95	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.91	0.00	0.00	0.01	0.01	2.90	1.03	0.00	0.00	0.01	0.00
2.91	2.00	0.00	0.00	0.01	0.00	2.92	2.00	0.00	0.00	0.01	0.00
2.93	1.96	0.00	0.00	0.01	0.00	2.94	1.11	0.00	0.00	0.01	0.00
2.95	1.35	0.00	0.00	0.01	0.00	2.96	1.44	0.00	0.00	0.01	0.00
2.97	1.74	0.00	0.00	0.01	0.00	2.98	2.00	0.00	0.00	0.01	0.00
2.99	2.00	0.00	0.00	0.01	0.00	3.00	2.00	0.00	0.00	0.01	0.00
3.01	2.00	0.00	0.00	0.01	0.00	3.02	2.00	0.00	0.00	0.01	0.00
3.03	2.00	0.00	0.00	0.01	0.00	3.04	2.00	0.00	0.00	0.01	0.00
3.05	2.00	0.00	0.00	0.01	0.00	3.06	2.00	0.00	0.00	0.01	0.00
3.07	2.00	0.00	0.00	0.01	0.00	3.08	2.00	0.00	0.00	0.01	0.00
3.09	2.00	0.00	0.00	0.01	0.00	3.10	2.00	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	2.00	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	2.00	0.00	0.00	0.01	0.00	3.58	2.00	0.00	0.00	0.01	0.00
3.59	2.00	0.00	0.00	0.01	0.00	3.60	1.28	0.00	0.00	0.01	0.00
3.61	1.07	0.00	0.00	0.01	0.00	3.62	1.00	0.00	0.00	0.01	0.00
3.63	0.91	0.00	0.00	0.01	0.01	3.64	0.84	0.00	0.00	0.01	0.01
3.65	0.78	0.00	0.00	0.01	0.02	3.66	0.69	0.31	0.89	0.01	0.03
3.67	0.70	0.30	0.94	0.01	0.02	3.68	0.67	0.33	0.80	0.01	0.03
3.69	0.70	0.30	0.90	0.01	0.03	3.70	0.69	0.31	0.89	0.01	0.02
3.71	0.65	0.35	0.76	0.01	0.03	3.72	0.66	0.34	0.78	0.01	0.03
3.73	0.66	0.34	0.78	0.01	0.03	3.74	0.67	0.33	0.82	0.01	0.03
3.75	0.68	0.32	0.86	0.01	0.03	3.76	0.69	0.31	0.89	0.01	0.03
3.77	0.65	0.35	0.76	0.01	0.03	3.78	0.64	0.36	0.71	0.01	0.03
3.79	0.65	0.35	0.74	0.01	0.03	3.80	0.60	0.40	0.62	0.01	0.03
3.81	0.61	0.39	0.66	0.01	0.03	3.82	0.61	0.39	0.65	0.01	0.03
3.83	0.58	0.42	0.60	0.01	0.03	3.84	0.59	0.41	0.62	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.60	0.40	0.63	0.01	0.03	3.86	0.61	0.39	0.66	0.01	0.03
3.87	0.65	0.35	0.74	0.01	0.03	3.88	0.62	0.38	0.67	0.01	0.03
3.89	0.64	0.36	0.72	0.01	0.03	3.90	0.67	0.33	0.81	0.01	0.03
3.91	0.66	0.34	0.79	0.01	0.02	3.92	0.67	0.33	0.82	0.01	0.03
3.93	0.54	0.46	0.53	0.01	0.04	3.94	2.00	0.00	0.00	0.01	0.00
3.95	2.00	0.00	0.00	0.01	0.00	3.96	2.00	0.00	0.00	0.01	0.00
3.97	2.00	0.00	0.00	0.01	0.00	3.98	0.66	0.34	0.77	0.01	0.03
3.99	0.63	0.37	0.70	0.01	0.03	4.00	0.62	0.38	0.67	0.01	0.03
4.01	0.57	0.43	0.58	0.01	0.04	4.02	0.60	0.40	0.63	0.01	0.03
4.03	0.56	0.44	0.56	0.01	0.04	4.04	0.58	0.42	0.59	0.01	0.03
4.05	0.55	0.45	0.54	0.01	0.04	4.06	0.58	0.42	0.60	0.01	0.03
4.07	0.56	0.44	0.56	0.01	0.03	4.08	0.60	0.40	0.62	0.01	0.03
4.09	0.57	0.43	0.58	0.01	0.04	4.10	0.58	0.42	0.60	0.01	0.03
4.11	0.63	0.37	0.69	0.01	0.03	4.12	0.62	0.38	0.66	0.01	0.03
4.13	0.64	0.36	0.71	0.01	0.03	4.14	2.00	0.00	0.00	0.01	0.00
4.15	1.99	0.00	0.00	0.01	0.00	4.16	1.09	0.00	0.00	0.01	0.00
4.17	0.96	0.00	0.00	0.01	0.00	4.18	0.75	0.25	1.18	0.01	0.02
4.19	0.77	0.00	0.00	0.01	0.02	4.20	0.76	0.24	1.23	0.01	0.02
4.21	0.81	0.00	0.00	0.01	0.02	4.22	0.80	0.00	0.00	0.01	0.01
4.23	0.77	0.00	0.00	0.01	0.02	4.24	0.81	0.00	0.00	0.01	0.02
4.25	0.81	0.00	0.00	0.01	0.01	4.26	0.82	0.00	0.00	0.01	0.01
4.27	0.78	0.00	0.00	0.01	0.02	4.28	0.82	0.00	0.00	0.01	0.01
4.29	0.86	0.00	0.00	0.01	0.01	4.30	0.92	0.00	0.00	0.01	0.01
4.31	1.84	0.00	0.00	0.01	0.00	4.32	1.65	0.00	0.00	0.01	0.00
4.33	1.33	0.00	0.00	0.01	0.00	4.34	1.41	0.00	0.00	0.01	0.00
4.35	1.32	0.00	0.00	0.01	0.00	4.36	1.45	0.00	0.00	0.01	0.00
4.37	1.34	0.00	0.00	0.01	0.00	4.38	0.96	0.00	0.00	0.01	0.00
4.39	1.37	0.00	0.00	0.01	0.00	4.40	1.42	0.00	0.00	0.01	0.00
4.41	2.00	0.00	0.00	0.01	0.00	4.42	0.71	0.29	0.95	0.01	0.02
4.43	0.71	0.29	0.95	0.01	0.02	4.44	0.67	0.33	0.82	0.01	0.02
4.45	0.67	0.33	0.82	0.01	0.03	4.46	0.63	0.37	0.69	0.01	0.03
4.47	0.61	0.39	0.65	0.01	0.03	4.48	0.61	0.39	0.65	0.01	0.03
4.49	0.57	0.43	0.58	0.01	0.03	4.50	0.57	0.43	0.57	0.01	0.03
4.51	0.58	0.42	0.59	0.01	0.03	4.52	0.57	0.43	0.58	0.01	0.03
4.53	0.57	0.43	0.57	0.01	0.03	4.54	0.58	0.42	0.59	0.01	0.03
4.55	0.59	0.41	0.61	0.01	0.03	4.56	0.58	0.42	0.60	0.01	0.03
4.57	0.63	0.37	0.70	0.01	0.03	4.58	0.64	0.36	0.73	0.01	0.03
4.59	0.63	0.37	0.70	0.01	0.03	4.60	0.66	0.34	0.76	0.01	0.03
4.61	0.64	0.36	0.73	0.01	0.03	4.62	0.63	0.37	0.71	0.01	0.03
4.63	0.64	0.36	0.73	0.01	0.03	4.64	0.64	0.36	0.72	0.01	0.03
4.65	0.63	0.37	0.69	0.01	0.03	4.66	0.62	0.38	0.67	0.01	0.03
4.67	0.58	0.42	0.60	0.01	0.03	4.68	0.56	0.44	0.57	0.01	0.03
4.69	0.55	0.45	0.55	0.01	0.03	4.70	0.55	0.45	0.55	0.01	0.04
4.71	0.56	0.44	0.56	0.01	0.03	4.72	0.56	0.44	0.56	0.01	0.03
4.73	0.53	0.47	0.52	0.01	0.04	4.74	0.55	0.45	0.54	0.01	0.04
4.75	0.54	0.46	0.53	0.01	0.03	4.76	0.56	0.44	0.56	0.01	0.03
4.77	0.54	0.46	0.53	0.01	0.04	4.78	0.56	0.44	0.56	0.01	0.03
4.79	0.54	0.46	0.53	0.01	0.04	4.80	0.56	0.44	0.55	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.54	0.46	0.53	0.01	0.04	4.82	0.56	0.44	0.55	0.01	0.03
4.83	0.54	0.46	0.53	0.01	0.04	4.84	0.54	0.46	0.54	0.01	0.03
4.85	0.54	0.46	0.53	0.01	0.04	4.86	0.54	0.46	0.53	0.01	0.03
4.87	0.54	0.46	0.53	0.01	0.04	4.88	0.51	0.49	0.50	0.01	0.04
4.89	0.51	0.49	0.49	0.01	0.03	4.90	0.52	0.48	0.50	0.01	0.04
4.91	0.52	0.48	0.50	0.01	0.04	4.92	0.50	0.50	0.48	0.01	0.04
4.93	0.52	0.48	0.50	0.01	0.03	4.94	0.47	0.53	0.45	0.01	0.04
4.95	0.50	0.50	0.47	0.01	0.04	4.96	0.49	0.51	0.47	0.01	0.04
4.97	0.49	0.51	0.46	0.01	0.04	4.98	0.49	0.51	0.46	0.01	0.04
4.99	0.46	0.54	0.44	0.01	0.04	5.00	0.47	0.53	0.45	0.01	0.04
5.01	0.47	0.53	0.44	0.01	0.04	5.02	0.48	0.52	0.46	0.01	0.04
5.03	0.48	0.52	0.45	0.01	0.04	5.04	0.47	0.53	0.45	0.01	0.04
5.05	0.45	0.55	0.42	0.01	0.04	5.06	0.44	0.56	0.42	0.01	0.04
5.07	0.44	0.56	0.41	0.01	0.04	5.08	0.43	0.57	0.41	0.01	0.04
5.09	0.43	0.57	0.41	0.01	0.04	5.10	0.43	0.57	0.41	0.01	0.04
5.11	0.43	0.57	0.41	0.01	0.04	5.12	0.45	0.55	0.43	0.01	0.04
5.13	0.46	0.54	0.43	0.01	0.04	5.14	0.49	0.51	0.47	0.01	0.04
5.15	0.50	0.50	0.48	0.01	0.04	5.16	0.51	0.49	0.50	0.01	0.03
5.17	0.54	0.46	0.53	0.01	0.04	5.18	0.55	0.45	0.54	0.01	0.03
5.19	0.57	0.43	0.58	0.01	0.03	5.20	0.56	0.44	0.56	0.01	0.03
5.21	0.58	0.42	0.60	0.01	0.03	5.22	0.58	0.42	0.59	0.01	0.03
5.23	0.59	0.41	0.62	0.01	0.03	5.24	0.57	0.43	0.57	0.01	0.03
5.25	0.57	0.43	0.58	0.01	0.03	5.26	0.56	0.44	0.56	0.01	0.03
5.27	0.58	0.42	0.59	0.01	0.03	5.28	0.56	0.44	0.55	0.01	0.03
5.29	0.55	0.45	0.55	0.01	0.03	5.30	0.56	0.44	0.56	0.01	0.03
5.31	0.56	0.44	0.55	0.01	0.03	5.32	0.55	0.45	0.54	0.01	0.03
5.33	0.52	0.48	0.50	0.01	0.04	5.34	0.51	0.49	0.50	0.01	0.03
5.35	0.51	0.49	0.49	0.01	0.04	5.36	0.50	0.50	0.48	0.01	0.03
5.37	0.52	0.48	0.50	0.01	0.04	5.38	0.52	0.48	0.50	0.01	0.04
5.39	0.52	0.48	0.51	0.01	0.03	5.40	0.53	0.47	0.52	0.01	0.04
5.41	0.53	0.47	0.52	0.01	0.04	5.42	0.54	0.46	0.53	0.01	0.03
5.43	0.58	0.42	0.59	0.01	0.03	5.44	0.60	0.40	0.64	0.01	0.03
5.45	0.60	0.40	0.63	0.01	0.03	5.46	0.66	0.34	0.78	0.01	0.03
5.47	0.69	0.31	0.88	0.01	0.02	5.48	0.75	0.25	1.18	0.01	0.02
5.49	0.76	0.24	1.23	0.01	0.02	5.50	0.79	0.00	0.00	0.01	0.01
5.51	0.74	0.26	1.14	0.01	0.02	5.52	0.78	0.00	0.00	0.01	0.02
5.53	0.77	0.00	0.00	0.01	0.02	5.54	0.72	0.28	1.02	0.01	0.02
5.55	0.70	0.30	0.92	0.01	0.02	5.56	0.68	0.32	0.85	0.01	0.02
5.57	0.68	0.32	0.86	0.01	0.02	5.58	0.67	0.33	0.81	0.01	0.02
5.59	0.66	0.34	0.78	0.01	0.03	5.60	0.64	0.36	0.72	0.01	0.03
5.61	0.62	0.38	0.67	0.01	0.03	5.62	0.60	0.40	0.63	0.01	0.03
5.63	0.56	0.44	0.56	0.01	0.03	5.64	0.55	0.45	0.55	0.01	0.03
5.65	0.55	0.45	0.55	0.01	0.03	5.66	0.56	0.44	0.56	0.01	0.03
5.67	0.60	0.40	0.62	0.01	0.03	5.68	0.61	0.39	0.65	0.01	0.03
5.69	0.65	0.35	0.76	0.01	0.02	5.70	0.76	0.24	1.27	0.01	0.02
5.71	0.85	0.00	0.00	0.01	0.01	5.72	0.91	0.00	0.00	0.01	0.01
5.73	0.89	0.00	0.00	0.01	0.01	5.74	0.83	0.00	0.00	0.01	0.01
5.75	0.81	0.00	0.00	0.01	0.01	5.76	0.75	0.25	1.18	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.77	0.00	0.00	0.01	0.02	5.78	0.79	0.00	0.00	0.01	0.01
5.79	0.86	0.00	0.00	0.01	0.01	5.80	0.73	0.27	1.04	0.01	0.02
5.81	0.94	0.00	0.00	0.01	0.00	5.82	2.00	0.00	0.00	0.01	0.00
5.83	1.78	0.00	0.00	0.01	0.00	5.84	1.37	0.00	0.00	0.01	0.00
5.85	1.59	0.00	0.00	0.01	0.00	5.86	1.90	0.00	0.00	0.01	0.00
5.87	2.00	0.00	0.00	0.01	0.00	5.88	2.00	0.00	0.00	0.01	0.00
5.89	2.00	0.00	0.00	0.01	0.00	5.90	2.00	0.00	0.00	0.01	0.00
5.91	2.00	0.00	0.00	0.01	0.00	5.92	1.05	0.00	0.00	0.01	0.00
5.93	0.96	0.00	0.00	0.01	0.00	5.94	0.76	0.24	1.24	0.01	0.02
5.95	2.00	0.00	0.00	0.01	0.00	5.96	1.22	0.00	0.00	0.01	0.00
5.97	0.79	0.00	0.00	0.01	0.02	5.98	0.76	0.24	1.24	0.01	0.02
5.99	0.71	0.29	0.97	0.01	0.02	6.00	0.65	0.35	0.76	0.01	0.03
6.01	0.58	0.42	0.60	0.01	0.03	6.02	0.53	0.47	0.52	0.01	0.03
6.03	0.47	0.53	0.45	0.01	0.04	6.04	0.44	0.56	0.42	0.01	0.04
6.05	0.45	0.55	0.43	0.01	0.04	6.06	0.51	0.49	0.49	0.01	0.03
6.07	0.54	0.46	0.53	0.01	0.03	6.08	0.48	0.52	0.46	0.01	0.04
6.09	0.47	0.53	0.44	0.01	0.03	6.10	0.46	0.54	0.44	0.01	0.04
6.11	0.45	0.55	0.42	0.01	0.04	6.12	2.00	0.00	0.00	0.01	0.00
6.13	2.00	0.00	0.00	0.01	0.00	6.14	2.00	0.00	0.00	0.01	0.00
6.15	2.00	0.00	0.00	0.01	0.00	6.16	0.47	0.53	0.44	0.01	0.03
6.17	0.48	0.52	0.46	0.01	0.04	6.18	0.55	0.45	0.54	0.01	0.03
6.19	0.55	0.45	0.54	0.01	0.03	6.20	0.57	0.43	0.57	0.01	0.03
6.21	0.53	0.47	0.52	0.01	0.03	6.22	0.53	0.47	0.52	0.01	0.03
6.23	0.54	0.46	0.53	0.01	0.03	6.24	0.53	0.47	0.52	0.01	0.03
6.25	0.52	0.48	0.51	0.01	0.03	6.26	0.53	0.47	0.52	0.01	0.03
6.27	0.50	0.50	0.48	0.01	0.04	6.28	0.53	0.47	0.51	0.01	0.03
6.29	0.48	0.52	0.46	0.01	0.04	6.30	0.48	0.52	0.46	0.01	0.03
6.31	0.48	0.52	0.46	0.01	0.04	6.32	0.48	0.52	0.46	0.01	0.04
6.33	0.47	0.53	0.45	0.01	0.03	6.34	0.45	0.55	0.42	0.01	0.04
6.35	0.46	0.54	0.44	0.01	0.04	6.36	0.46	0.54	0.44	0.01	0.03
6.37	0.45	0.55	0.42	0.01	0.04	6.38	0.47	0.53	0.45	0.01	0.03
6.39	0.46	0.54	0.43	0.01	0.04	6.40	0.46	0.54	0.44	0.01	0.04
6.41	0.47	0.53	0.45	0.01	0.03	6.42	0.46	0.54	0.43	0.01	0.04
6.43	0.45	0.55	0.43	0.01	0.03	6.44	0.47	0.53	0.45	0.01	0.04
6.45	0.46	0.54	0.43	0.01	0.04	6.46	0.48	0.52	0.46	0.01	0.03
6.47	0.48	0.52	0.46	0.01	0.04	6.48	0.49	0.51	0.46	0.01	0.03
6.49	0.50	0.50	0.48	0.01	0.04	6.50	0.50	0.50	0.48	0.01	0.03
6.51	0.50	0.50	0.48	0.01	0.03	6.52	0.51	0.49	0.49	0.01	0.03
6.53	0.50	0.50	0.48	0.01	0.03	6.54	0.49	0.51	0.46	0.01	0.03
6.55	0.49	0.51	0.47	0.01	0.04	6.56	0.48	0.52	0.46	0.01	0.03
6.57	0.50	0.50	0.48	0.01	0.03	6.58	0.48	0.52	0.46	0.01	0.03
6.59	0.49	0.51	0.47	0.01	0.04	6.60	0.47	0.53	0.44	0.01	0.04
6.61	0.49	0.51	0.46	0.01	0.03	6.62	0.46	0.54	0.43	0.01	0.04
6.63	0.47	0.53	0.45	0.01	0.03	6.64	0.45	0.55	0.43	0.01	0.04
6.65	0.44	0.56	0.42	0.01	0.04	6.66	0.45	0.55	0.42	0.01	0.03
6.67	0.44	0.56	0.42	0.01	0.04	6.68	0.45	0.55	0.43	0.01	0.04
6.69	0.46	0.54	0.44	0.01	0.03	6.70	0.46	0.54	0.44	0.01	0.04
6.71	0.48	0.52	0.46	0.01	0.03	6.72	0.47	0.53	0.45	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.50	0.50	0.48	0.01	0.04	6.74	0.48	0.52	0.46	0.01	0.03
6.75	0.49	0.51	0.46	0.01	0.04	6.76	0.46	0.54	0.43	0.01	0.03
6.77	0.45	0.55	0.42	0.01	0.04	6.78	0.42	0.58	0.40	0.01	0.04
6.79	2.00	0.00	0.00	0.01	0.00	6.80	2.00	0.00	0.00	0.01	0.00
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	0.44	0.56	0.42	0.01	0.04	6.86	0.47	0.53	0.44	0.01	0.03
6.87	0.49	0.51	0.47	0.01	0.03	6.88	0.49	0.51	0.46	0.01	0.03
6.89	0.51	0.49	0.49	0.01	0.03	6.90	0.49	0.51	0.46	0.01	0.03
6.91	0.48	0.52	0.46	0.01	0.04	6.92	0.50	0.50	0.48	0.01	0.03
6.93	0.50	0.50	0.48	0.01	0.03	6.94	0.51	0.49	0.49	0.01	0.03
6.95	0.50	0.50	0.48	0.01	0.04	6.96	0.44	0.56	0.42	0.01	0.03
6.97	0.42	0.58	0.40	0.01	0.04	6.98	0.39	0.61	0.38	0.01	0.04
6.99	0.40	0.60	0.38	0.01	0.04	7.00	0.42	0.58	0.40	0.01	0.04
7.01	0.42	0.58	0.40	0.01	0.04	7.02	0.45	0.55	0.42	0.01	0.04
7.03	0.44	0.56	0.42	0.01	0.03	7.04	0.46	0.54	0.44	0.01	0.04
7.05	0.46	0.54	0.44	0.01	0.03	7.06	0.47	0.53	0.44	0.01	0.04
7.07	0.46	0.54	0.44	0.01	0.04	7.08	0.46	0.54	0.44	0.01	0.03
7.09	0.45	0.55	0.43	0.01	0.04	7.10	0.46	0.54	0.43	0.01	0.03
7.11	0.40	0.60	0.39	0.01	0.04	7.12	0.39	0.61	0.38	0.01	0.04
7.13	0.42	0.58	0.40	0.01	0.04	7.14	0.45	0.55	0.43	0.01	0.04
7.15	0.45	0.55	0.43	0.01	0.03	7.16	0.46	0.54	0.44	0.01	0.04
7.17	0.44	0.56	0.42	0.01	0.03	7.18	0.45	0.55	0.42	0.01	0.04
7.19	0.46	0.54	0.43	0.01	0.04	7.20	0.45	0.55	0.43	0.01	0.03
7.21	0.48	0.52	0.46	0.01	0.03	7.22	0.48	0.52	0.45	0.01	0.03
7.23	0.49	0.51	0.47	0.01	0.03	7.24	0.51	0.49	0.49	0.01	0.03
7.25	0.48	0.52	0.46	0.01	0.03	7.26	0.50	0.50	0.48	0.01	0.03
7.27	0.49	0.51	0.46	0.01	0.03	7.28	0.50	0.50	0.48	0.01	0.03
7.29	0.48	0.52	0.45	0.01	0.03	7.30	0.48	0.52	0.46	0.01	0.03
7.31	0.48	0.52	0.46	0.01	0.03	7.32	0.46	0.54	0.43	0.01	0.03
7.33	0.46	0.54	0.44	0.01	0.04	7.34	0.44	0.56	0.42	0.01	0.03
7.35	0.43	0.57	0.41	0.01	0.04	7.36	0.44	0.56	0.42	0.01	0.04
7.37	0.41	0.59	0.40	0.01	0.03	7.38	0.44	0.56	0.42	0.01	0.04
7.39	0.42	0.58	0.40	0.01	0.03	7.40	0.42	0.58	0.40	0.01	0.04
7.41	0.38	0.62	0.37	0.01	0.04	7.42	0.38	0.62	0.37	0.01	0.04
7.43	0.40	0.60	0.38	0.01	0.04	7.44	0.42	0.58	0.40	0.01	0.04
7.45	0.43	0.57	0.41	0.01	0.04	7.46	0.46	0.54	0.44	0.01	0.03
7.47	0.46	0.54	0.43	0.01	0.04	7.48	0.46	0.54	0.44	0.01	0.03
7.49	0.46	0.54	0.44	0.01	0.03	7.50	0.44	0.56	0.42	0.01	0.04
7.51	0.44	0.56	0.42	0.01	0.04	7.52	0.44	0.56	0.42	0.01	0.04
7.53	0.43	0.57	0.41	0.01	0.03	7.54	0.42	0.58	0.40	0.01	0.04
7.55	0.40	0.60	0.39	0.01	0.04	7.56	0.41	0.59	0.39	0.01	0.03
7.57	0.40	0.60	0.39	0.01	0.04	7.58	0.42	0.58	0.40	0.01	0.04
7.59	0.41	0.59	0.39	0.01	0.03	7.60	0.42	0.58	0.40	0.01	0.04
7.61	0.42	0.58	0.40	0.01	0.04	7.62	0.43	0.57	0.41	0.01	0.03
7.63	0.42	0.58	0.40	0.01	0.04	7.64	0.45	0.55	0.43	0.01	0.04
7.65	0.45	0.55	0.43	0.01	0.03	7.66	0.45	0.55	0.42	0.01	0.04
7.67	0.47	0.53	0.45	0.01	0.03	7.68	0.45	0.55	0.43	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	0.46	0.54	0.44	0.01	0.03	7.70	0.44	0.56	0.41	0.01	0.04
7.71	0.43	0.57	0.41	0.01	0.04	7.72	0.40	0.60	0.38	0.01	0.03
7.73	0.39	0.61	0.38	0.01	0.04	7.74	0.39	0.61	0.38	0.01	0.04
7.75	0.40	0.60	0.38	0.01	0.03	7.76	0.39	0.61	0.38	0.01	0.04
7.77	0.41	0.59	0.39	0.01	0.04	7.78	0.41	0.59	0.40	0.01	0.03
7.79	0.41	0.59	0.39	0.01	0.04	7.80	0.42	0.58	0.40	0.01	0.03
7.81	0.42	0.58	0.40	0.01	0.04	7.82	0.43	0.57	0.41	0.01	0.04
7.83	0.42	0.58	0.40	0.01	0.03	7.84	0.42	0.58	0.40	0.01	0.04
7.85	0.42	0.58	0.40	0.01	0.04	7.86	0.41	0.59	0.39	0.01	0.03
7.87	0.41	0.59	0.40	0.01	0.04	7.88	0.41	0.59	0.39	0.01	0.03
7.89	0.40	0.60	0.38	0.01	0.04	7.90	0.38	0.62	0.37	0.01	0.04
7.91	0.37	0.63	0.37	0.01	0.03	7.92	0.38	0.62	0.37	0.01	0.04
7.93	0.36	0.64	0.36	0.01	0.04	7.94	0.37	0.63	0.36	0.01	0.04
7.95	0.34	0.66	0.35	0.01	0.04	7.96	0.34	0.66	0.35	0.01	0.04
7.97	0.34	0.66	0.34	0.01	0.04	7.98	0.34	0.66	0.34	0.01	0.04
7.99	0.34	0.66	0.35	0.01	0.04	8.00	0.34	0.66	0.35	0.01	0.04
8.01	0.34	0.66	0.34	0.01	0.04	8.02	0.35	0.65	0.35	0.01	0.04
8.03	0.34	0.66	0.35	0.01	0.04	8.04	0.35	0.65	0.35	0.01	0.04
8.05	0.35	0.65	0.35	0.01	0.04	8.06	0.35	0.65	0.35	0.01	0.04
8.07	0.36	0.64	0.35	0.01	0.04	8.08	0.37	0.63	0.36	0.01	0.04
8.09	0.37	0.63	0.37	0.01	0.04	8.10	0.37	0.63	0.37	0.01	0.04
8.11	0.37	0.63	0.37	0.01	0.03	8.12	0.38	0.62	0.37	0.01	0.04
8.13	0.38	0.62	0.37	0.01	0.04	8.14	0.38	0.62	0.37	0.01	0.03
8.15	0.38	0.62	0.37	0.01	0.04	8.16	0.37	0.63	0.36	0.01	0.03
8.17	0.38	0.62	0.37	0.01	0.04	8.18	0.38	0.62	0.37	0.01	0.04
8.19	0.38	0.62	0.37	0.01	0.03	8.20	0.37	0.63	0.37	0.01	0.04
8.21	0.38	0.62	0.37	0.01	0.03	8.22	0.37	0.63	0.37	0.01	0.04
8.23	0.38	0.62	0.37	0.01	0.04	8.24	0.39	0.61	0.38	0.01	0.03
8.25	0.37	0.63	0.37	0.01	0.04	8.26	0.39	0.61	0.38	0.01	0.03
8.27	0.38	0.62	0.37	0.01	0.04	8.28	0.38	0.62	0.37	0.01	0.04
8.29	0.38	0.62	0.37	0.01	0.03	8.30	0.44	0.56	0.42	0.01	0.03
8.31	1.11	0.00	0.00	0.01	0.00	8.32	0.65	0.35	0.74	0.01	0.02
8.33	0.40	0.60	0.39	0.01	0.04	8.34	0.40	0.60	0.39	0.01	0.03
8.35	0.44	0.56	0.42	0.01	0.03	8.36	1.13	0.00	0.00	0.01	0.00
8.37	1.05	0.00	0.00	0.01	0.00	8.38	1.18	0.00	0.00	0.01	0.00
8.39	1.11	0.00	0.00	0.01	0.00	8.40	1.20	0.00	0.00	0.01	0.00
8.41	1.12	0.00	0.00	0.01	0.00	8.42	2.00	0.00	0.00	0.01	0.00
8.43	2.00	0.00	0.00	0.01	0.00	8.44	0.41	0.59	0.39	0.01	0.03
8.45	0.39	0.61	0.38	0.01	0.04	8.46	0.40	0.60	0.39	0.01	0.04
8.47	0.40	0.60	0.38	0.01	0.03	8.48	0.40	0.60	0.39	0.01	0.04
8.49	0.39	0.61	0.38	0.01	0.03	8.50	0.39	0.61	0.38	0.01	0.04
8.51	0.37	0.63	0.36	0.01	0.04	8.52	0.35	0.65	0.35	0.01	0.03
8.53	0.35	0.65	0.35	0.01	0.04	8.54	0.40	0.60	0.38	0.01	0.04
8.55	0.41	0.59	0.39	0.01	0.03	8.56	0.42	0.58	0.40	0.01	0.03
8.57	0.42	0.58	0.40	0.01	0.03	8.58	0.41	0.59	0.39	0.01	0.04
8.59	0.40	0.60	0.39	0.01	0.03	8.60	0.41	0.59	0.39	0.01	0.04
8.61	0.41	0.59	0.40	0.01	0.03	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	2.00	0.00	0.00	0.01	0.00	8.80	2.00	0.00	0.00	0.01	0.00
8.81	2.00	0.00	0.00	0.01	0.00	8.82	2.00	0.00	0.00	0.01	0.00
8.83	2.00	0.00	0.00	0.01	0.00	8.84	2.00	0.00	0.00	0.01	0.00
8.85	2.00	0.00	0.00	0.01	0.00	8.86	2.00	0.00	0.00	0.01	0.00
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	2.00	0.00	0.00	0.01	0.00
9.01	2.00	0.00	0.00	0.01	0.00	9.02	2.00	0.00	0.00	0.01	0.00
9.03	2.00	0.00	0.00	0.01	0.00	9.04	2.00	0.00	0.00	0.01	0.00
9.05	2.00	0.00	0.00	0.01	0.00	9.06	2.00	0.00	0.00	0.01	0.00
9.07	2.00	0.00	0.00	0.01	0.00	9.08	2.00	0.00	0.00	0.01	0.00
9.09	2.00	0.00	0.00	0.01	0.00	9.10	2.00	0.00	0.00	0.01	0.00
9.11	2.00	0.00	0.00	0.01	0.00	9.12	2.00	0.00	0.00	0.01	0.00
9.13	2.00	0.00	0.00	0.01	0.00	9.14	2.00	0.00	0.00	0.01	0.00
9.15	2.00	0.00	0.00	0.01	0.00	9.16	2.00	0.00	0.00	0.01	0.00
9.17	2.00	0.00	0.00	0.01	0.00	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	2.00	0.00	0.00	0.01	0.00
9.23	2.00	0.00	0.00	0.01	0.00	9.24	2.00	0.00	0.00	0.01	0.00
9.25	2.00	0.00	0.00	0.01	0.00	9.26	2.00	0.00	0.00	0.01	0.00
9.27	2.00	0.00	0.00	0.01	0.00	9.28	2.00	0.00	0.00	0.01	0.00
9.29	2.00	0.00	0.00	0.01	0.00	9.30	2.00	0.00	0.00	0.01	0.00
9.31	2.00	0.00	0.00	0.01	0.00	9.32	2.00	0.00	0.00	0.01	0.00
9.33	2.00	0.00	0.00	0.01	0.00	9.34	2.00	0.00	0.00	0.01	0.00
9.35	2.00	0.00	0.00	0.01	0.00	9.36	2.00	0.00	0.00	0.01	0.00
9.37	2.00	0.00	0.00	0.01	0.00	9.38	2.00	0.00	0.00	0.01	0.00
9.39	2.00	0.00	0.00	0.01	0.00	9.40	2.00	0.00	0.00	0.01	0.00
9.41	2.00	0.00	0.00	0.01	0.00	9.42	2.00	0.00	0.00	0.01	0.00
9.43	2.00	0.00	0.00	0.01	0.00	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	2.00	0.00	0.00	0.01	0.00
9.57	2.00	0.00	0.00	0.01	0.00	9.58	2.00	0.00	0.00	0.01	0.00
9.59	2.00	0.00	0.00	0.01	0.00	9.60	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	2.00	0.00	0.00	0.01	0.00
9.73	2.00	0.00	0.00	0.01	0.00	9.74	2.00	0.00	0.00	0.01	0.00
9.75	2.00	0.00	0.00	0.01	0.00	9.76	2.00	0.00	0.00	0.01	0.00
9.77	2.00	0.00	0.00	0.01	0.00	9.78	2.00	0.00	0.00	0.01	0.00
9.79	2.00	0.00	0.00	0.01	0.00	9.80	2.00	0.00	0.00	0.01	0.00
9.81	2.00	0.00	0.00	0.01	0.00	9.82	2.00	0.00	0.00	0.01	0.00
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	2.00	0.00	0.00	0.01	0.00
10.19	2.00	0.00	0.00	0.01	0.00	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	2.00	0.00	0.00	0.01	0.00	10.28	2.00	0.00	0.00	0.01	0.00
10.29	2.00	0.00	0.00	0.01	0.00	10.30	2.00	0.00	0.00	0.01	0.00
10.31	2.00	0.00	0.00	0.01	0.00	10.32	2.00	0.00	0.00	0.01	0.00
10.33	2.00	0.00	0.00	0.01	0.00	10.34	2.00	0.00	0.00	0.01	0.00
10.35	2.00	0.00	0.00	0.01	0.00	10.36	2.00	0.00	0.00	0.01	0.00
10.37	2.00	0.00	0.00	0.01	0.00	10.38	2.00	0.00	0.00	0.01	0.00
10.39	2.00	0.00	0.00	0.01	0.00	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	2.00	0.00	0.00	0.01	0.00	12.50	2.00	0.00	0.00	0.01	0.00
12.51	2.00	0.00	0.00	0.01	0.00	12.52	2.00	0.00	0.00	0.01	0.00
12.53	2.00	0.00	0.00	0.01	0.00	12.54	2.00	0.00	0.00	0.01	0.00
12.55	2.00	0.00	0.00	0.01	0.00	12.56	2.00	0.00	0.00	0.01	0.00
12.57	2.00	0.00	0.00	0.01	0.00	12.58	2.00	0.00	0.00	0.01	0.00
12.59	2.00	0.00	0.00	0.01	0.00	12.60	2.00	0.00	0.00	0.01	0.00
12.61	2.00	0.00	0.00	0.01	0.00	12.62	2.00	0.00	0.00	0.01	0.00
12.63	2.00	0.00	0.00	0.01	0.00	12.64	2.00	0.00	0.00	0.01	0.00
12.65	2.00	0.00	0.00	0.01	0.00	12.66	2.00	0.00	0.00	0.01	0.00
12.67	2.00	0.00	0.00	0.01	0.00	12.68	2.00	0.00	0.00	0.01	0.00
12.69	2.00	0.00	0.00	0.01	0.00	12.70	2.00	0.00	0.00	0.01	0.00
12.71	2.00	0.00	0.00	0.01	0.00	12.72	2.00	0.00	0.00	0.01	0.00
12.73	2.00	0.00	0.00	0.01	0.00	12.74	2.00	0.00	0.00	0.01	0.00
12.75	2.00	0.00	0.00	0.01	0.00	12.76	2.00	0.00	0.00	0.01	0.00
12.77	2.00	0.00	0.00	0.01	0.00	12.78	2.00	0.00	0.00	0.01	0.00
12.79	2.00	0.00	0.00	0.01	0.00	12.80	2.00	0.00	0.00	0.01	0.00
12.81	2.00	0.00	0.00	0.01	0.00	12.82	2.00	0.00	0.00	0.01	0.00
12.83	2.00	0.00	0.00	0.01	0.00	12.84	2.00	0.00	0.00	0.01	0.00
12.85	2.00	0.00	0.00	0.01	0.00	12.86	2.00	0.00	0.00	0.01	0.00
12.87	2.00	0.00	0.00	0.01	0.00	12.88	2.00	0.00	0.00	0.01	0.00
12.89	2.00	0.00	0.00	0.01	0.00	12.90	2.00	0.00	0.00	0.01	0.00
12.91	2.00	0.00	0.00	0.01	0.00	12.92	2.00	0.00	0.00	0.01	0.00
12.93	2.00	0.00	0.00	0.01	0.00	12.94	2.00	0.00	0.00	0.01	0.00
12.95	2.00	0.00	0.00	0.01	0.00	12.96	2.00	0.00	0.00	0.01	0.00
12.97	2.00	0.00	0.00	0.01	0.00	12.98	2.00	0.00	0.00	0.01	0.00
12.99	2.00	0.00	0.00	0.01	0.00	13.00	2.00	0.00	0.00	0.01	0.00
13.01	2.00	0.00	0.00	0.01	0.00	13.02	2.00	0.00	0.00	0.01	0.00
13.03	2.00	0.00	0.00	0.01	0.00	13.04	2.00	0.00	0.00	0.01	0.00
13.05	2.00	0.00	0.00	0.01	0.00	13.06	2.00	0.00	0.00	0.01	0.00
13.07	2.00	0.00	0.00	0.01	0.00	13.08	2.00	0.00	0.00	0.01	0.00
13.09	2.00	0.00	0.00	0.01	0.00	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	2.00	0.00	0.00	0.01	0.00	15.40	2.00	0.00	0.00	0.01	0.00
15.41	2.00	0.00	0.00	0.01	0.00	15.42	2.00	0.00	0.00	0.01	0.00
15.43	2.00	0.00	0.00	0.01	0.00	15.44	2.00	0.00	0.00	0.01	0.00
15.45	2.00	0.00	0.00	0.01	0.00	15.46	2.00	0.00	0.00	0.01	0.00
15.47	2.00	0.00	0.00	0.01	0.00	15.48	2.00	0.00	0.00	0.01	0.00
15.49	2.00	0.00	0.00	0.01	0.00	15.50	2.00	0.00	0.00	0.01	0.00
15.51	2.00	0.00	0.00	0.01	0.00	15.52	2.00	0.00	0.00	0.01	0.00
15.53	2.00	0.00	0.00	0.01	0.00	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.07	2.00	0.00	0.00	0.01	0.00	16.08	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.01	0.00	16.10	2.00	0.00	0.00	0.01	0.00
16.11	2.00	0.00	0.00	0.01	0.00	16.12	2.00	0.00	0.00	0.01	0.00
16.13	2.00	0.00	0.00	0.01	0.00	16.14	2.00	0.00	0.00	0.01	0.00
16.15	2.00	0.00	0.00	0.01	0.00	16.16	2.00	0.00	0.00	0.01	0.00
16.17	2.00	0.00	0.00	0.01	0.00	16.18	2.00	0.00	0.00	0.01	0.00
16.19	2.00	0.00	0.00	0.01	0.00	16.20	2.00	0.00	0.00	0.01	0.00
16.21	2.00	0.00	0.00	0.01	0.00	16.22	2.00	0.00	0.00	0.01	0.00
16.23	2.00	0.00	0.00	0.01	0.00	16.24	2.00	0.00	0.00	0.01	0.00
16.25	2.00	0.00	0.00	0.01	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.27	2.00	0.00	0.00	0.01	0.00	16.28	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.01	0.00	16.30	2.00	0.00	0.00	0.01	0.00
16.31	2.00	0.00	0.00	0.01	0.00	16.32	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.33	2.00	0.00	0.00	0.01	0.00	16.34	2.00	0.00	0.00	0.01	0.00
16.35	2.00	0.00	0.00	0.01	0.00	16.36	2.00	0.00	0.00	0.01	0.00
16.37	2.00	0.00	0.00	0.01	0.00	16.38	2.00	0.00	0.00	0.01	0.00
16.39	2.00	0.00	0.00	0.01	0.00	16.40	2.00	0.00	0.00	0.01	0.00
16.41	2.00	0.00	0.00	0.01	0.00	16.42	2.00	0.00	0.00	0.01	0.00
16.43	2.00	0.00	0.00	0.01	0.00	16.44	2.00	0.00	0.00	0.01	0.00
16.45	2.00	0.00	0.00	0.01	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.47	2.00	0.00	0.00	0.01	0.00	16.48	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.01	0.00	16.50	2.00	0.00	0.00	0.01	0.00
16.51	2.00	0.00	0.00	0.01	0.00	16.52	2.00	0.00	0.00	0.01	0.00
16.53	2.00	0.00	0.00	0.01	0.00	16.54	2.00	0.00	0.00	0.01	0.00
16.55	2.00	0.00	0.00	0.01	0.00	16.56	2.00	0.00	0.00	0.01	0.00
16.57	2.00	0.00	0.00	0.01	0.00	16.58	2.00	0.00	0.00	0.01	0.00
16.59	2.00	0.00	0.00	0.01	0.00	16.60	2.00	0.00	0.00	0.01	0.00
16.61	2.00	0.00	0.00	0.01	0.00	16.62	2.00	0.00	0.00	0.01	0.00
16.63	2.00	0.00	0.00	0.01	0.00	16.64	2.00	0.00	0.00	0.01	0.00
16.65	2.00	0.00	0.00	0.01	0.00	16.66	2.00	0.00	0.00	0.01	0.00
16.67	2.00	0.00	0.00	0.01	0.00	16.68	2.00	0.00	0.00	0.01	0.00
16.69	2.00	0.00	0.00	0.01	0.00	16.70	2.00	0.00	0.00	0.01	0.00
16.71	2.00	0.00	0.00	0.01	0.00	16.72	2.00	0.00	0.00	0.01	0.00
16.73	2.00	0.00	0.00	0.01	0.00	16.74	2.00	0.00	0.00	0.01	0.00
16.75	2.00	0.00	0.00	0.01	0.00	16.76	2.00	0.00	0.00	0.01	0.00
16.77	2.00	0.00	0.00	0.01	0.00	16.78	2.00	0.00	0.00	0.01	0.00
16.79	2.00	0.00	0.00	0.01	0.00	16.80	2.00	0.00	0.00	0.01	0.00
16.81	2.00	0.00	0.00	0.01	0.00	16.82	2.00	0.00	0.00	0.01	0.00
16.83	2.00	0.00	0.00	0.01	0.00	16.84	2.00	0.00	0.00	0.01	0.00
16.85	2.00	0.00	0.00	0.01	0.00	16.86	2.00	0.00	0.00	0.01	0.00
16.87	2.00	0.00	0.00	0.01	0.00	16.88	2.00	0.00	0.00	0.01	0.00
16.89	2.00	0.00	0.00	0.01	0.00	16.90	2.00	0.00	0.00	0.01	0.00
16.91	2.00	0.00	0.00	0.01	0.00	16.92	2.00	0.00	0.00	0.01	0.00
16.93	2.00	0.00	0.00	0.01	0.00	16.94	2.00	0.00	0.00	0.01	0.00
16.95	2.00	0.00	0.00	0.01	0.00	16.96	2.00	0.00	0.00	0.01	0.00
16.97	2.00	0.00	0.00	0.01	0.00	16.98	2.00	0.00	0.00	0.01	0.00
16.99	2.00	0.00	0.00	0.01	0.00	17.00	2.00	0.00	0.00	0.01	0.00
17.01	2.00	0.00	0.00	0.01	0.00	17.02	2.00	0.00	0.00	0.01	0.00
17.03	2.00	0.00	0.00	0.01	0.00	17.04	2.00	0.00	0.00	0.01	0.00
17.05	2.00	0.00	0.00	0.01	0.00	17.06	2.00	0.00	0.00	0.01	0.00
17.07	2.00	0.00	0.00	0.01	0.00	17.08	2.00	0.00	0.00	0.01	0.00
17.09	2.00	0.00	0.00	0.01	0.00	17.10	2.00	0.00	0.00	0.01	0.00
17.11	2.00	0.00	0.00	0.01	0.00	17.12	2.00	0.00	0.00	0.01	0.00
17.13	2.00	0.00	0.00	0.01	0.00	17.14	2.00	0.00	0.00	0.01	0.00
17.15	2.00	0.00	0.00	0.01	0.00	17.16	2.00	0.00	0.00	0.01	0.00
17.17	2.00	0.00	0.00	0.01	0.00	17.18	2.00	0.00	0.00	0.01	0.00
17.19	2.00	0.00	0.00	0.01	0.00	17.20	2.00	0.00	0.00	0.01	0.00
17.21	2.00	0.00	0.00	0.01	0.00	17.22	2.00	0.00	0.00	0.01	0.00
17.23	2.00	0.00	0.00	0.01	0.00	17.24	2.00	0.00	0.00	0.01	0.00
17.25	2.00	0.00	0.00	0.01	0.00	17.26	2.00	0.00	0.00	0.01	0.00
17.27	2.00	0.00	0.00	0.01	0.00	17.28	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.29	2.00	0.00	0.00	0.01	0.00	17.30	2.00	0.00	0.00	0.01	0.00
17.31	2.00	0.00	0.00	0.01	0.00	17.32	2.00	0.00	0.00	0.01	0.00
17.33	2.00	0.00	0.00	0.01	0.00	17.34	2.00	0.00	0.00	0.01	0.00
17.35	2.00	0.00	0.00	0.01	0.00	17.36	2.00	0.00	0.00	0.01	0.00
17.37	2.00	0.00	0.00	0.01	0.00	17.38	2.00	0.00	0.00	0.01	0.00
17.39	2.00	0.00	0.00	0.01	0.00	17.40	2.00	0.00	0.00	0.01	0.00
17.41	2.00	0.00	0.00	0.01	0.00	17.42	2.00	0.00	0.00	0.01	0.00
17.43	2.00	0.00	0.00	0.01	0.00	17.44	2.00	0.00	0.00	0.01	0.00
17.45	2.00	0.00	0.00	0.01	0.00	17.46	2.00	0.00	0.00	0.01	0.00
17.47	2.00	0.00	0.00	0.01	0.00	17.48	2.00	0.00	0.00	0.01	0.00
17.49	2.00	0.00	0.00	0.01	0.00	17.50	2.00	0.00	0.00	0.01	0.00
17.51	2.00	0.00	0.00	0.01	0.00	17.52	2.00	0.00	0.00	0.01	0.00
17.53	2.00	0.00	0.00	0.01	0.00	17.54	2.00	0.00	0.00	0.01	0.00
17.55	2.00	0.00	0.00	0.01	0.00	17.56	2.00	0.00	0.00	0.01	0.00
17.57	2.00	0.00	0.00	0.01	0.00	17.58	2.00	0.00	0.00	0.01	0.00
17.59	2.00	0.00	0.00	0.01	0.00	17.60	2.00	0.00	0.00	0.01	0.00
17.61	2.00	0.00	0.00	0.01	0.00	17.62	2.00	0.00	0.00	0.01	0.00
17.63	2.00	0.00	0.00	0.01	0.00	17.64	2.00	0.00	0.00	0.01	0.00
17.65	2.00	0.00	0.00	0.01	0.00	17.66	2.00	0.00	0.00	0.01	0.00
17.67	2.00	0.00	0.00	0.01	0.00	17.68	2.00	0.00	0.00	0.01	0.00
17.69	2.00	0.00	0.00	0.01	0.00	17.70	2.00	0.00	0.00	0.01	0.00
17.71	2.00	0.00	0.00	0.01	0.00	17.72	2.00	0.00	0.00	0.01	0.00
17.73	2.00	0.00	0.00	0.01	0.00	17.74	2.00	0.00	0.00	0.01	0.00
17.75	2.00	0.00	0.00	0.01	0.00	17.76	2.00	0.00	0.00	0.01	0.00
17.77	2.00	0.00	0.00	0.01	0.00	17.78	2.00	0.00	0.00	0.01	0.00
17.79	2.00	0.00	0.00	0.01	0.00	17.80	2.00	0.00	0.00	0.01	0.00
17.81	2.00	0.00	0.00	0.01	0.00	17.82	2.00	0.00	0.00	0.01	0.00
17.83	2.00	0.00	0.00	0.01	0.00	17.84	2.00	0.00	0.00	0.01	0.00
17.85	2.00	0.00	0.00	0.01	0.00	17.86	2.00	0.00	0.00	0.01	0.00
17.87	2.00	0.00	0.00	0.01	0.00	17.88	2.00	0.00	0.00	0.01	0.00
17.89	2.00	0.00	0.00	0.01	0.00	17.90	2.00	0.00	0.00	0.01	0.00
17.91	2.00	0.00	0.00	0.01	0.00	17.92	2.00	0.00	0.00	0.01	0.00
17.93	2.00	0.00	0.00	0.01	0.00	17.94	2.00	0.00	0.00	0.01	0.00
17.95	2.00	0.00	0.00	0.01	0.00	17.96	2.00	0.00	0.00	0.01	0.00
17.97	2.00	0.00	0.00	0.01	0.00	17.98	2.00	0.00	0.00	0.01	0.00
17.99	2.00	0.00	0.00	0.01	0.00	18.00	2.00	0.00	0.00	0.01	0.00
18.01	2.00	0.00	0.00	0.01	0.00	18.02	2.00	0.00	0.00	0.01	0.00
18.03	2.00	0.00	0.00	0.01	0.00	18.04	2.00	0.00	0.00	0.01	0.00
18.05	2.00	0.00	0.00	0.01	0.00	18.06	2.00	0.00	0.00	0.01	0.00
18.07	2.00	0.00	0.00	0.01	0.00	18.08	2.00	0.00	0.00	0.01	0.00
18.09	2.00	0.00	0.00	0.01	0.00	18.10	2.00	0.00	0.00	0.01	0.00
18.11	2.00	0.00	0.00	0.01	0.00	18.12	2.00	0.00	0.00	0.01	0.00
18.13	2.00	0.00	0.00	0.01	0.00	18.14	2.00	0.00	0.00	0.01	0.00
18.15	2.00	0.00	0.00	0.01	0.00	18.16	2.00	0.00	0.00	0.01	0.00
18.17	2.00	0.00	0.00	0.01	0.00	18.18	2.00	0.00	0.00	0.01	0.00
18.19	2.00	0.00	0.00	0.01	0.00	18.20	2.00	0.00	0.00	0.01	0.00
18.21	2.00	0.00	0.00	0.01	0.00	18.22	2.00	0.00	0.00	0.01	0.00
18.23	2.00	0.00	0.00	0.01	0.00	18.24	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
18.25	2.00	0.00	0.00	0.01	0.00	18.26	2.00	0.00	0.00	0.01	0.00
18.27	2.00	0.00	0.00	0.01	0.00	18.28	2.00	0.00	0.00	0.01	0.00
18.29	2.00	0.00	0.00	0.01	0.00	18.30	2.00	0.00	0.00	0.01	0.00
18.31	2.00	0.00	0.00	0.01	0.00	18.32	2.00	0.00	0.00	0.01	0.00
18.33	2.00	0.00	0.00	0.01	0.00	18.34	2.00	0.00	0.00	0.01	0.00
18.35	2.00	0.00	0.00	0.01	0.00	18.36	2.00	0.00	0.00	0.01	0.00
18.37	2.00	0.00	0.00	0.01	0.00	18.38	2.00	0.00	0.00	0.01	0.00
18.39	2.00	0.00	0.00	0.01	0.00	18.40	2.00	0.00	0.00	0.01	0.00
18.41	2.00	0.00	0.00	0.01	0.00	18.42	2.00	0.00	0.00	0.01	0.00
18.43	2.00	0.00	0.00	0.01	0.00	18.44	2.00	0.00	0.00	0.01	0.00
18.45	2.00	0.00	0.00	0.01	0.00	18.46	2.00	0.00	0.00	0.01	0.00
18.47	2.00	0.00	0.00	0.01	0.00	18.48	2.00	0.00	0.00	0.01	0.00
18.49	2.00	0.00	0.00	0.01	0.00	18.50	2.00	0.00	0.00	0.01	0.00
18.51	2.00	0.00	0.00	0.01	0.00	18.52	2.00	0.00	0.00	0.01	0.00
18.53	2.00	0.00	0.00	0.01	0.00	18.54	2.00	0.00	0.00	0.01	0.00
18.55	2.00	0.00	0.00	0.01	0.00	18.56	2.00	0.00	0.00	0.01	0.00
18.57	2.00	0.00	0.00	0.01	0.00	18.58	2.00	0.00	0.00	0.01	0.00
18.59	2.00	0.00	0.00	0.01	0.00	18.60	2.00	0.00	0.00	0.01	0.00
18.61	2.00	0.00	0.00	0.01	0.00	18.62	2.00	0.00	0.00	0.01	0.00
18.63	2.00	0.00	0.00	0.01	0.00	18.64	2.00	0.00	0.00	0.01	0.00
18.65	2.00	0.00	0.00	0.01	0.00	18.66	2.00	0.00	0.00	0.01	0.00
18.67	2.00	0.00	0.00	0.01	0.00	18.68	2.00	0.00	0.00	0.01	0.00
18.69	2.00	0.00	0.00	0.01	0.00	18.70	2.00	0.00	0.00	0.01	0.00
18.71	2.00	0.00	0.00	0.01	0.00	18.72	2.00	0.00	0.00	0.01	0.00
18.73	2.00	0.00	0.00	0.01	0.00	18.74	2.00	0.00	0.00	0.01	0.00
18.75	2.00	0.00	0.00	0.01	0.00	18.76	2.00	0.00	0.00	0.01	0.00
18.77	2.00	0.00	0.00	0.01	0.00	18.78	2.00	0.00	0.00	0.01	0.00
18.79	2.00	0.00	0.00	0.01	0.00	18.80	2.00	0.00	0.00	0.01	0.00
18.81	2.00	0.00	0.00	0.01	0.00	18.82	2.00	0.00	0.00	0.01	0.00
18.83	2.00	0.00	0.00	0.01	0.00	18.84	2.00	0.00	0.00	0.01	0.00
18.85	2.00	0.00	0.00	0.01	0.00	18.86	2.00	0.00	0.00	0.01	0.00
18.87	2.00	0.00	0.00	0.01	0.00	18.88	2.00	0.00	0.00	0.01	0.00
18.89	2.00	0.00	0.00	0.01	0.00	18.90	2.00	0.00	0.00	0.01	0.00
18.91	2.00	0.00	0.00	0.01	0.00	18.92	2.00	0.00	0.00	0.01	0.00
18.93	2.00	0.00	0.00	0.01	0.00	18.94	2.00	0.00	0.00	0.01	0.00
18.95	2.00	0.00	0.00	0.01	0.00	18.96	2.00	0.00	0.00	0.01	0.00
18.97	2.00	0.00	0.00	0.01	0.00	18.98	2.00	0.00	0.00	0.01	0.00
18.99	2.00	0.00	0.00	0.01	0.00	19.00	2.00	0.00	0.00	0.01	0.00
19.01	2.00	0.00	0.00	0.01	0.00	19.02	2.00	0.00	0.00	0.01	0.00
19.03	2.00	0.00	0.00	0.01	0.00	19.04	2.00	0.00	0.00	0.01	0.00
19.05	2.00	0.00	0.00	0.01	0.00	19.06	2.00	0.00	0.00	0.01	0.00
19.07	2.00	0.00	0.00	0.01	0.00	19.08	2.00	0.00	0.00	0.01	0.00
19.09	2.00	0.00	0.00	0.01	0.00	19.10	2.00	0.00	0.00	0.01	0.00
19.11	2.00	0.00	0.00	0.01	0.00	19.12	2.00	0.00	0.00	0.01	0.00
19.13	2.00	0.00	0.00	0.01	0.00	19.14	2.00	0.00	0.00	0.01	0.00
19.15	2.00	0.00	0.00	0.01	0.00	19.16	2.00	0.00	0.00	0.01	0.00
19.17	2.00	0.00	0.00	0.01	0.00	19.18	2.00	0.00	0.00	0.01	0.00
19.19	2.00	0.00	0.00	0.01	0.00	19.20	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.21	2.00	0.00	0.00	0.01	0.00	19.22	2.00	0.00	0.00	0.01	0.00
19.23	2.00	0.00	0.00	0.01	0.00	19.24	2.00	0.00	0.00	0.01	0.00
19.25	2.00	0.00	0.00	0.01	0.00	19.26	2.00	0.00	0.00	0.01	0.00
19.27	2.00	0.00	0.00	0.01	0.00	19.28	2.00	0.00	0.00	0.01	0.00
19.29	2.00	0.00	0.00	0.01	0.00	19.30	2.00	0.00	0.00	0.01	0.00
19.31	2.00	0.00	0.00	0.01	0.00	19.32	2.00	0.00	0.00	0.01	0.00
19.33	2.00	0.00	0.00	0.01	0.00	19.34	2.00	0.00	0.00	0.01	0.00
19.35	2.00	0.00	0.00	0.01	0.00	19.36	2.00	0.00	0.00	0.01	0.00
19.37	2.00	0.00	0.00	0.01	0.00	19.38	2.00	0.00	0.00	0.01	0.00
19.39	2.00	0.00	0.00	0.01	0.00	19.40	2.00	0.00	0.00	0.01	0.00
19.41	2.00	0.00	0.00	0.01	0.00	19.42	2.00	0.00	0.00	0.01	0.00
19.43	2.00	0.00	0.00	0.01	0.00	19.44	2.00	0.00	0.00	0.01	0.00
19.45	2.00	0.00	0.00	0.01	0.00	19.46	2.00	0.00	0.00	0.01	0.00
19.47	2.00	0.00	0.00	0.01	0.00	19.48	2.00	0.00	0.00	0.01	0.00
19.49	2.00	0.00	0.00	0.01	0.00	19.50	2.00	0.00	0.00	0.01	0.00
19.51	2.00	0.00	0.00	0.01	0.00	19.52	2.00	0.00	0.00	0.01	0.00
19.53	2.00	0.00	0.00	0.01	0.00	19.54	2.00	0.00	0.00	0.01	0.00
19.55	2.00	0.00	0.00	0.01	0.00	19.56	2.00	0.00	0.00	0.01	0.00
19.57	2.00	0.00	0.00	0.01	0.00	19.58	2.00	0.00	0.00	0.01	0.00
19.59	2.00	0.00	0.00	0.01	0.00	19.60	2.00	0.00	0.00	0.01	0.00
19.61	2.00	0.00	0.00	0.01	0.00	19.62	2.00	0.00	0.00	0.01	0.00
19.63	2.00	0.00	0.00	0.01	0.00	19.64	2.00	0.00	0.00	0.01	0.00
19.65	2.00	0.00	0.00	0.01	0.00	19.66	2.00	0.00	0.00	0.01	0.00
19.67	2.00	0.00	0.00	0.01	0.00	19.68	2.00	0.00	0.00	0.01	0.00
19.69	2.00	0.00	0.00	0.01	0.00	19.70	2.00	0.00	0.00	0.01	0.00
19.71	2.00	0.00	0.00	0.01	0.00	19.72	2.00	0.00	0.00	0.01	0.00
19.73	2.00	0.00	0.00	0.01	0.00	19.74	2.00	0.00	0.00	0.01	0.00
19.75	2.00	0.00	0.00	0.01	0.00	19.76	2.00	0.00	0.00	0.01	0.00
19.77	2.00	0.00	0.00	0.01	0.00	19.78	2.00	0.00	0.00	0.01	0.00
19.79	2.00	0.00	0.00	0.01	0.00	19.80	2.00	0.00	0.00	0.01	0.00
19.81	2.00	0.00	0.00	0.01	0.00	19.82	2.00	0.00	0.00	0.01	0.00
19.83	2.00	0.00	0.00	0.01	0.00	19.84	2.00	0.00	0.00	0.01	0.00
19.85	2.00	0.00	0.00	0.01	0.00	19.86	2.00	0.00	0.00	0.01	0.00
19.87	2.00	0.00	0.00	0.01	0.00	19.88	2.00	0.00	0.00	0.01	0.00
19.89	2.00	0.00	0.00	0.01	0.00	19.90	2.00	0.00	0.00	0.01	0.00
19.91	2.00	0.00	0.00	0.01	0.00	19.92	2.00	0.00	0.00	0.01	0.00
19.93	2.00	0.00	0.00	0.01	0.00	19.94	2.00	0.00	0.00	0.01	0.00
19.95	2.00	0.00	0.00	0.01	0.00	19.96	2.00	0.00	0.00	0.01	0.00
19.97	2.00	0.00	0.00	0.01	0.00	19.98	2.00	0.00	0.00	0.01	0.00
19.99	2.00	0.00	0.00	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.01	0.00	20.02	2.00	0.00	0.00	0.01	0.00
20.03	2.00	0.00	0.00	0.01	0.00	20.04	2.00	0.00	0.00	0.01	0.00
20.05	2.00	0.00	0.00	0.01	0.00	20.06	2.00	0.00	0.00	0.01	0.00
20.07	2.00	0.00	0.00	0.01	0.00	20.08	2.00	0.00	0.00	0.01	0.00
20.09	2.00	0.00	0.00	0.01	0.00	20.10	2.00	0.00	0.00	0.01	0.00
20.11	2.00	0.00	0.00	0.01	0.00	20.12	2.00	0.00	0.00	0.01	0.00
20.13	2.00	0.00	0.00	0.01	0.00	20.14	2.00	0.00	0.00	0.01	0.00
20.15	2.00	0.00	0.00	0.01	0.00	20.16	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
20.17	2.00	0.00	0.00	0.01	0.00	20.18	2.00	0.00	0.00	0.01	0.00
20.19	2.00	0.00	0.00	0.01	0.00	20.20	2.00	0.00	0.00	0.01	0.00
20.21	2.00	0.00	0.00	0.01	0.00	20.22	2.00	0.00	0.00	0.01	0.00
20.23	2.00	0.00	0.00	0.01	0.00	20.24	2.00	0.00	0.00	0.01	0.00
20.25	2.00	0.00	0.00	0.01	0.00	20.26	2.00	0.00	0.00	0.01	0.00
20.27	2.00	0.00	0.00	0.01	0.00	20.28	2.00	0.00	0.00	0.01	0.00
20.29	2.00	0.00	0.00	0.01	0.00	20.30	2.00	0.00	0.00	0.01	0.00
20.31	2.00	0.00	0.00	0.01	0.00	20.32	2.00	0.00	0.00	0.01	0.00
20.33	2.00	0.00	0.00	0.01	0.00	20.34	2.00	0.00	0.00	0.01	0.00
20.35	2.00	0.00	0.00	0.01	0.00	20.36	2.00	0.00	0.00	0.01	0.00
20.37	2.00	0.00	0.00	0.01	0.00	20.38	2.00	0.00	0.00	0.01	0.00
20.39	2.00	0.00	0.00	0.01	0.00	20.40	2.00	0.00	0.00	0.01	0.00
20.41	2.00	0.00	0.00	0.01	0.00	20.42	2.00	0.00	0.00	0.01	0.00
20.43	2.00	0.00	0.00	0.01	0.00	20.44	2.00	0.00	0.00	0.01	0.00
20.45	2.00	0.00	0.00	0.01	0.00	20.46	2.00	0.00	0.00	0.01	0.00
20.47	2.00	0.00	0.00	0.01	0.00	20.48	2.00	0.00	0.00	0.01	0.00
20.49	2.00	0.00	0.00	0.01	0.00	20.50	2.00	0.00	0.00	0.01	0.00
20.51	2.00	0.00	0.00	0.01	0.00	20.52	2.00	0.00	0.00	0.01	0.00
20.53	2.00	0.00	0.00	0.01	0.00	20.54	2.00	0.00	0.00	0.01	0.00
20.55	2.00	0.00	0.00	0.01	0.00	20.56	2.00	0.00	0.00	0.01	0.00
20.57	2.00	0.00	0.00	0.01	0.00	20.58	2.00	0.00	0.00	0.01	0.00
20.59	2.00	0.00	0.00	0.01	0.00	20.60	2.00	0.00	0.00	0.01	0.00
20.61	2.00	0.00	0.00	0.01	0.00	20.62	2.00	0.00	0.00	0.01	0.00
20.63	2.00	0.00	0.00	0.01	0.00	20.64	2.00	0.00	0.00	0.01	0.00
20.65	2.00	0.00	0.00	0.01	0.00	20.66	2.00	0.00	0.00	0.01	0.00
20.67	2.00	0.00	0.00	0.01	0.00	20.68	2.00	0.00	0.00	0.01	0.00
20.69	2.00	0.00	0.00	0.01	0.00	20.70	2.00	0.00	0.00	0.01	0.00
20.71	2.00	0.00	0.00	0.01	0.00	20.72	2.00	0.00	0.00	0.01	0.00
20.73	2.00	0.00	0.00	0.01	0.00	20.74	2.00	0.00	0.00	0.01	0.00
20.75	2.00	0.00	0.00	0.01	0.00	20.76	2.00	0.00	0.00	0.01	0.00
20.77	2.00	0.00	0.00	0.01	0.00	20.78	2.00	0.00	0.00	0.01	0.00
20.79	2.00	0.00	0.00	0.01	0.00	20.80	2.00	0.00	0.00	0.01	0.00
20.81	2.00	0.00	0.00	0.01	0.00	20.82	2.00	0.00	0.00	0.01	0.00
20.83	2.00	0.00	0.00	0.01	0.00	20.84	2.00	0.00	0.00	0.01	0.00
20.85	2.00	0.00	0.00	0.01	0.00	20.86	2.00	0.00	0.00	0.01	0.00
20.87	2.00	0.00	0.00	0.01	0.00	20.88	2.00	0.00	0.00	0.01	0.00
20.89	2.00	0.00	0.00	0.01	0.00	20.90	2.00	0.00	0.00	0.01	0.00
20.91	2.00	0.00	0.00	0.01	0.00	20.92	2.00	0.00	0.00	0.01	0.00
20.93	2.00	0.00	0.00	0.01	0.00	20.94	2.00	0.00	0.00	0.01	0.00
20.95	2.00	0.00	0.00	0.01	0.00	20.96	2.00	0.00	0.00	0.01	0.00
20.97	2.00	0.00	0.00	0.01	0.00	20.98	2.00	0.00	0.00	0.01	0.00
20.99	2.00	0.00	0.00	0.01	0.00	21.00	2.00	0.00	0.00	0.01	0.00
21.01	2.00	0.00	0.00	0.01	0.00	21.02	2.00	0.00	0.00	0.01	0.00
21.03	2.00	0.00	0.00	0.01	0.00	21.04	2.00	0.00	0.00	0.01	0.00
21.05	2.00	0.00	0.00	0.01	0.00	21.06	2.00	0.00	0.00	0.01	0.00
21.07	2.00	0.00	0.00	0.01	0.00	21.08	2.00	0.00	0.00	0.01	0.00
21.09	2.00	0.00	0.00	0.01	0.00	21.10	2.00	0.00	0.00	0.01	0.00
21.11	2.00	0.00	0.00	0.01	0.00	21.12	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
21.13	2.00	0.00	0.00	0.01	0.00	21.14	2.00	0.00	0.00	0.01	0.00
21.15	2.00	0.00	0.00	0.01	0.00	21.16	2.00	0.00	0.00	0.01	0.00
21.17	2.00	0.00	0.00	0.01	0.00	21.18	2.00	0.00	0.00	0.01	0.00
21.19	2.00	0.00	0.00	0.01	0.00	21.20	2.00	0.00	0.00	0.01	0.00
21.21	2.00	0.00	0.00	0.01	0.00	21.22	2.00	0.00	0.00	0.01	0.00
21.23	2.00	0.00	0.00	0.01	0.00	21.24	2.00	0.00	0.00	0.01	0.00
21.25	2.00	0.00	0.00	0.01	0.00	21.26	2.00	0.00	0.00	0.01	0.00
21.27	2.00	0.00	0.00	0.01	0.00	21.28	2.00	0.00	0.00	0.01	0.00
21.29	2.00	0.00	0.00	0.01	0.00	21.30	2.00	0.00	0.00	0.01	0.00
21.31	2.00	0.00	0.00	0.01	0.00	21.32	2.00	0.00	0.00	0.01	0.00
21.33	2.00	0.00	0.00	0.01	0.00	21.34	2.00	0.00	0.00	0.01	0.00
21.35	2.00	0.00	0.00	0.01	0.00	21.36	2.00	0.00	0.00	0.01	0.00
21.37	2.00	0.00	0.00	0.01	0.00	21.38	2.00	0.00	0.00	0.01	0.00
21.39	2.00	0.00	0.00	0.01	0.00	21.40	2.00	0.00	0.00	0.01	0.00
21.41	2.00	0.00	0.00	0.01	0.00	21.42	2.00	0.00	0.00	0.01	0.00
21.43	2.00	0.00	0.00	0.01	0.00	21.44	2.00	0.00	0.00	0.01	0.00
21.45	2.00	0.00	0.00	0.01	0.00	21.46	2.00	0.00	0.00	0.01	0.00
21.47	2.00	0.00	0.00	0.01	0.00	21.48	2.00	0.00	0.00	0.01	0.00
21.49	2.00	0.00	0.00	0.01	0.00	21.50	2.00	0.00	0.00	0.01	0.00
21.51	2.00	0.00	0.00	0.01	0.00	21.52	2.00	0.00	0.00	0.01	0.00
21.53	2.00	0.00	0.00	0.01	0.00	21.54	2.00	0.00	0.00	0.01	0.00
21.55	2.00	0.00	0.00	0.01	0.00	21.56	2.00	0.00	0.00	0.01	0.00
21.57	2.00	0.00	0.00	0.01	0.00	21.58	2.00	0.00	0.00	0.01	0.00
21.59	2.00	0.00	0.00	0.01	0.00	21.60	2.00	0.00	0.00	0.01	0.00
21.61	2.00	0.00	0.00	0.01	0.00	21.62	2.00	0.00	0.00	0.01	0.00
21.63	2.00	0.00	0.00	0.01	0.00	21.64	2.00	0.00	0.00	0.01	0.00
21.65	2.00	0.00	0.00	0.01	0.00	21.66	2.00	0.00	0.00	0.01	0.00
21.67	2.00	0.00	0.00	0.01	0.00	21.68	2.00	0.00	0.00	0.01	0.00
21.69	2.00	0.00	0.00	0.01	0.00	21.70	2.00	0.00	0.00	0.01	0.00
21.71	2.00	0.00	0.00	0.01	0.00	21.72	2.00	0.00	0.00	0.01	0.00
21.73	2.00	0.00	0.00	0.01	0.00	21.74	2.00	0.00	0.00	0.01	0.00
21.75	2.00	0.00	0.00	0.01	0.00	21.76	2.00	0.00	0.00	0.01	0.00
21.77	2.00	0.00	0.00	0.01	0.00	21.78	2.00	0.00	0.00	0.01	0.00
21.79	2.00	0.00	0.00	0.01	0.00	21.80	2.00	0.00	0.00	0.01	0.00
21.81	2.00	0.00	0.00	0.01	0.00	21.82	2.00	0.00	0.00	0.01	0.00
21.83	2.00	0.00	0.00	0.01	0.00	21.84	2.00	0.00	0.00	0.01	0.00
21.85	2.00	0.00	0.00	0.01	0.00	21.86	2.00	0.00	0.00	0.01	0.00
21.87	2.00	0.00	0.00	0.01	0.00	21.88	2.00	0.00	0.00	0.01	0.00
21.89	2.00	0.00	0.00	0.01	0.00	21.90	2.00	0.00	0.00	0.01	0.00
21.91	2.00	0.00	0.00	0.01	0.00	21.92	2.00	0.00	0.00	0.01	0.00
21.93	2.00	0.00	0.00	0.01	0.00	21.94	2.00	0.00	0.00	0.01	0.00
21.95	2.00	0.00	0.00	0.01	0.00	21.96	2.00	0.00	0.00	0.01	0.00
21.97	2.00	0.00	0.00	0.01	0.00	21.98	2.00	0.00	0.00	0.01	0.00
21.99	2.00	0.00	0.00	0.01	0.00	22.00	2.00	0.00	0.00	0.01	0.00
22.01	2.00	0.00	0.00	0.01	0.00	22.02	2.00	0.00	0.00	0.01	0.00
22.03	2.00	0.00	0.00	0.01	0.00	22.04	2.00	0.00	0.00	0.01	0.00
22.05	2.00	0.00	0.00	0.01	0.00	22.06	2.00	0.00	0.00	0.01	0.00
22.07	2.00	0.00	0.00	0.01	0.00	22.08	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
22.09	2.00	0.00	0.00	0.01	0.00	22.10	2.00	0.00	0.00	0.01	0.00
22.11	2.00	0.00	0.00	0.01	0.00	22.12	2.00	0.00	0.00	0.01	0.00
22.13	2.00	0.00	0.00	0.01	0.00	22.14	2.00	0.00	0.00	0.01	0.00
22.15	2.00	0.00	0.00	0.01	0.00	22.16	2.00	0.00	0.00	0.01	0.00
22.17	2.00	0.00	0.00	0.01	0.00	22.18	2.00	0.00	0.00	0.01	0.00
22.19	2.00	0.00	0.00	0.01	0.00	22.20	2.00	0.00	0.00	0.01	0.00
22.21	2.00	0.00	0.00	0.01	0.00	22.22	2.00	0.00	0.00	0.01	0.00
22.23	2.00	0.00	0.00	0.01	0.00	22.24	2.00	0.00	0.00	0.01	0.00
22.25	2.00	0.00	0.00	0.01	0.00	22.26	2.00	0.00	0.00	0.01	0.00
22.27	2.00	0.00	0.00	0.01	0.00	22.28	2.00	0.00	0.00	0.01	0.00
22.29	2.00	0.00	0.00	0.01	0.00	22.30	2.00	0.00	0.00	0.01	0.00
22.31	2.00	0.00	0.00	0.01	0.00	22.32	2.00	0.00	0.00	0.01	0.00
22.33	2.00	0.00	0.00	0.01	0.00	22.34	2.00	0.00	0.00	0.01	0.00
22.35	2.00	0.00	0.00	0.01	0.00	22.36	2.00	0.00	0.00	0.01	0.00
22.37	2.00	0.00	0.00	0.01	0.00	22.38	2.00	0.00	0.00	0.01	0.00
22.39	2.00	0.00	0.00	0.01	0.00	22.40	2.00	0.00	0.00	0.01	0.00
22.41	2.00	0.00	0.00	0.01	0.00	22.42	2.00	0.00	0.00	0.01	0.00
22.43	2.00	0.00	0.00	0.01	0.00	22.44	2.00	0.00	0.00	0.01	0.00
22.45	2.00	0.00	0.00	0.01	0.00	22.46	2.00	0.00	0.00	0.01	0.00
22.47	2.00	0.00	0.00	0.01	0.00	22.48	2.00	0.00	0.00	0.01	0.00
22.49	2.00	0.00	0.00	0.01	0.00	22.50	2.00	0.00	0.00	0.01	0.00
22.51	2.00	0.00	0.00	0.01	0.00	22.52	2.00	0.00	0.00	0.01	0.00
22.53	2.00	0.00	0.00	0.01	0.00	22.54	2.00	0.00	0.00	0.01	0.00
22.55	2.00	0.00	0.00	0.01	0.00	22.56	2.00	0.00	0.00	0.01	0.00
22.57	2.00	0.00	0.00	0.01	0.00	22.58	2.00	0.00	0.00	0.01	0.00
22.59	2.00	0.00	0.00	0.01	0.00	22.60	2.00	0.00	0.00	0.01	0.00
22.61	2.00	0.00	0.00	0.01	0.00	22.62	2.00	0.00	0.00	0.01	0.00
22.63	2.00	0.00	0.00	0.01	0.00	22.64	2.00	0.00	0.00	0.01	0.00
22.65	2.00	0.00	0.00	0.01	0.00	22.66	2.00	0.00	0.00	0.01	0.00
22.67	2.00	0.00	0.00	0.01	0.00	22.68	2.00	0.00	0.00	0.01	0.00
22.69	2.00	0.00	0.00	0.01	0.00	22.70	2.00	0.00	0.00	0.01	0.00
22.71	2.00	0.00	0.00	0.01	0.00	22.72	2.00	0.00	0.00	0.01	0.00
22.73	2.00	0.00	0.00	0.01	0.00	22.74	2.00	0.00	0.00	0.01	0.00
22.75	2.00	0.00	0.00	0.01	0.00	22.76	2.00	0.00	0.00	0.01	0.00
22.77	2.00	0.00	0.00	0.01	0.00	22.78	2.00	0.00	0.00	0.01	0.00
22.79	2.00	0.00	0.00	0.01	0.00	22.80	2.00	0.00	0.00	0.01	0.00
22.81	2.00	0.00	0.00	0.01	0.00	22.82	2.00	0.00	0.00	0.01	0.00
22.83	2.00	0.00	0.00	0.01	0.00	22.84	2.00	0.00	0.00	0.01	0.00
22.85	2.00	0.00	0.00	0.01	0.00	22.86	2.00	0.00	0.00	0.01	0.00
22.87	2.00	0.00	0.00	0.01	0.00	22.88	2.00	0.00	0.00	0.01	0.00
22.89	2.00	0.00	0.00	0.01	0.00	22.90	2.00	0.00	0.00	0.01	0.00
22.91	2.00	0.00	0.00	0.01	0.00	22.92	2.00	0.00	0.00	0.01	0.00
22.93	2.00	0.00	0.00	0.01	0.00	22.94	2.00	0.00	0.00	0.01	0.00
22.95	2.00	0.00	0.00	0.01	0.00	22.96	2.00	0.00	0.00	0.01	0.00
22.97	2.00	0.00	0.00	0.01	0.00	22.98	2.00	0.00	0.00	0.01	0.00
22.99	2.00	0.00	0.00	0.01	0.00	23.00	2.00	0.00	0.00	0.01	0.00
23.01	2.00	0.00	0.00	0.01	0.00	23.02	2.00	0.00	0.00	0.01	0.00
23.03	2.00	0.00	0.00	0.01	0.00	23.04	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
23.05	2.00	0.00	0.00	0.01	0.00	23.06	2.00	0.00	0.00	0.01	0.00
23.07	2.00	0.00	0.00	0.01	0.00	23.08	2.00	0.00	0.00	0.01	0.00
23.09	2.00	0.00	0.00	0.01	0.00	23.10	2.00	0.00	0.00	0.01	0.00
23.11	2.00	0.00	0.00	0.01	0.00	23.12	2.00	0.00	0.00	0.01	0.00
23.13	2.00	0.00	0.00	0.01	0.00	23.14	2.00	0.00	0.00	0.01	0.00
23.15	2.00	0.00	0.00	0.01	0.00	23.16	2.00	0.00	0.00	0.01	0.00
23.17	2.00	0.00	0.00	0.01	0.00	23.18	2.00	0.00	0.00	0.01	0.00
23.19	2.00	0.00	0.00	0.01	0.00	23.20	2.00	0.00	0.00	0.01	0.00
23.21	2.00	0.00	0.00	0.01	0.00	23.22	2.00	0.00	0.00	0.01	0.00
23.23	2.00	0.00	0.00	0.01	0.00	23.24	2.00	0.00	0.00	0.01	0.00
23.25	2.00	0.00	0.00	0.01	0.00	23.26	2.00	0.00	0.00	0.01	0.00
23.27	2.00	0.00	0.00	0.01	0.00	23.28	2.00	0.00	0.00	0.01	0.00
23.29	2.00	0.00	0.00	0.01	0.00	23.30	2.00	0.00	0.00	0.01	0.00
23.31	2.00	0.00	0.00	0.01	0.00	23.32	2.00	0.00	0.00	0.01	0.00
23.33	2.00	0.00	0.00	0.01	0.00	23.34	2.00	0.00	0.00	0.01	0.00
23.35	2.00	0.00	0.00	0.01	0.00	23.36	2.00	0.00	0.00	0.01	0.00
23.37	2.00	0.00	0.00	0.01	0.00	23.38	2.00	0.00	0.00	0.01	0.00
23.39	2.00	0.00	0.00	0.01	0.00	23.40	2.00	0.00	0.00	0.01	0.00
23.41	2.00	0.00	0.00	0.01	0.00	23.42	2.00	0.00	0.00	0.01	0.00
23.43	2.00	0.00	0.00	0.01	0.00	23.44	2.00	0.00	0.00	0.01	0.00
23.45	2.00	0.00	0.00	0.01	0.00	23.46	2.00	0.00	0.00	0.01	0.00
23.47	2.00	0.00	0.00	0.01	0.00	23.48	2.00	0.00	0.00	0.01	0.00
23.49	2.00	0.00	0.00	0.01	0.00	23.50	2.00	0.00	0.00	0.01	0.00
23.51	2.00	0.00	0.00	0.01	0.00	23.52	2.00	0.00	0.00	0.01	0.00
23.53	2.00	0.00	0.00	0.01	0.00	23.54	2.00	0.00	0.00	0.01	0.00
23.55	2.00	0.00	0.00	0.01	0.00	23.56	2.00	0.00	0.00	0.01	0.00
23.57	2.00	0.00	0.00	0.01	0.00	23.58	2.00	0.00	0.00	0.01	0.00
23.59	2.00	0.00	0.00	0.01	0.00	23.60	2.00	0.00	0.00	0.01	0.00
23.61	2.00	0.00	0.00	0.01	0.00	23.62	2.00	0.00	0.00	0.01	0.00
23.63	2.00	0.00	0.00	0.01	0.00	23.64	2.00	0.00	0.00	0.01	0.00
23.65	2.00	0.00	0.00	0.01	0.00	23.66	2.00	0.00	0.00	0.01	0.00
23.67	2.00	0.00	0.00	0.01	0.00	23.68	2.00	0.00	0.00	0.01	0.00
23.69	2.00	0.00	0.00	0.01	0.00	23.70	2.00	0.00	0.00	0.01	0.00
23.71	2.00	0.00	0.00	0.01	0.00	23.72	2.00	0.00	0.00	0.01	0.00
23.73	2.00	0.00	0.00	0.01	0.00	23.74	2.00	0.00	0.00	0.01	0.00
23.75	2.00	0.00	0.00	0.01	0.00	23.76	2.00	0.00	0.00	0.01	0.00
23.77	2.00	0.00	0.00	0.01	0.00	23.78	2.00	0.00	0.00	0.01	0.00
23.79	2.00	0.00	0.00	0.01	0.00	23.80	2.00	0.00	0.00	0.01	0.00
23.81	2.00	0.00	0.00	0.01	0.00	23.82	2.00	0.00	0.00	0.01	0.00
23.83	2.00	0.00	0.00	0.01	0.00	23.84	2.00	0.00	0.00	0.01	0.00
23.85	2.00	0.00	0.00	0.01	0.00	23.86	2.00	0.00	0.00	0.01	0.00
23.87	2.00	0.00	0.00	0.01	0.00	23.88	2.00	0.00	0.00	0.01	0.00
23.89	2.00	0.00	0.00	0.01	0.00	23.90	2.00	0.00	0.00	0.01	0.00
23.91	2.00	0.00	0.00	0.01	0.00	23.92	2.00	0.00	0.00	0.01	0.00
23.93	2.00	0.00	0.00	0.01	0.00	23.94	2.00	0.00	0.00	0.01	0.00
23.95	2.00	0.00	0.00	0.01	0.00	23.96	2.00	0.00	0.00	0.01	0.00
23.97	2.00	0.00	0.00	0.01	0.00	23.98	2.00	0.00	0.00	0.01	0.00
23.99	2.00	0.00	0.00	0.01	0.00	24.00	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
24.01	2.00	0.00	0.00	0.01	0.00	24.02	2.00	0.00	0.00	0.01	0.00
24.03	2.00	0.00	0.00	0.01	0.00	24.04	2.00	0.00	0.00	0.01	0.00
24.05	2.00	0.00	0.00	0.01	0.00	24.06	2.00	0.00	0.00	0.01	0.00
24.07	2.00	0.00	0.00	0.01	0.00	24.08	2.00	0.00	0.00	0.01	0.00
24.09	2.00	0.00	0.00	0.01	0.00	24.10	2.00	0.00	0.00	0.01	0.00
24.11	2.00	0.00	0.00	0.01	0.00	24.12	2.00	0.00	0.00	0.01	0.00
24.13	2.00	0.00	0.00	0.01	0.00	24.14	2.00	0.00	0.00	0.01	0.00
24.15	2.00	0.00	0.00	0.01	0.00	24.16	2.00	0.00	0.00	0.01	0.00
24.17	2.00	0.00	0.00	0.01	0.00	24.18	2.00	0.00	0.00	0.01	0.00
24.19	2.00	0.00	0.00	0.01	0.00	24.20	2.00	0.00	0.00	0.01	0.00
24.21	2.00	0.00	0.00	0.01	0.00	24.22	2.00	0.00	0.00	0.01	0.00
24.23	2.00	0.00	0.00	0.01	0.00	24.24	2.00	0.00	0.00	0.01	0.00
24.25	2.00	0.00	0.00	0.01	0.00	24.26	2.00	0.00	0.00	0.01	0.00
24.27	2.00	0.00	0.00	0.01	0.00	24.28	2.00	0.00	0.00	0.01	0.00
24.29	2.00	0.00	0.00	0.01	0.00	24.30	2.00	0.00	0.00	0.01	0.00
24.31	2.00	0.00	0.00	0.01	0.00	24.32	2.00	0.00	0.00	0.01	0.00
24.33	2.00	0.00	0.00	0.01	0.00	24.34	2.00	0.00	0.00	0.01	0.00
24.35	2.00	0.00	0.00	0.01	0.00	24.36	2.00	0.00	0.00	0.01	0.00
24.37	2.00	0.00	0.00	0.01	0.00	24.38	2.00	0.00	0.00	0.01	0.00
24.39	2.00	0.00	0.00	0.01	0.00	24.40	2.00	0.00	0.00	0.01	0.00
24.41	2.00	0.00	0.00	0.01	0.00	24.42	2.00	0.00	0.00	0.01	0.00
24.43	2.00	0.00	0.00	0.01	0.00	24.44	2.00	0.00	0.00	0.01	0.00
24.45	2.00	0.00	0.00	0.01	0.00	24.46	2.00	0.00	0.00	0.01	0.00
24.47	2.00	0.00	0.00	0.01	0.00	24.48	2.00	0.00	0.00	0.01	0.00
24.49	2.00	0.00	0.00	0.01	0.00	24.50	2.00	0.00	0.00	0.01	0.00
24.51	2.00	0.00	0.00	0.01	0.00	24.52	2.00	0.00	0.00	0.01	0.00
24.53	2.00	0.00	0.00	0.01	0.00	24.54	2.00	0.00	0.00	0.01	0.00
24.55	2.00	0.00	0.00	0.01	0.00	24.56	2.00	0.00	0.00	0.01	0.00
24.57	2.00	0.00	0.00	0.01	0.00	24.58	2.00	0.00	0.00	0.01	0.00
24.59	2.00	0.00	0.00	0.01	0.00	24.60	2.00	0.00	0.00	0.01	0.00
24.61	2.00	0.00	0.00	0.01	0.00	24.62	2.00	0.00	0.00	0.01	0.00
24.63	2.00	0.00	0.00	0.01	0.00	24.64	2.00	0.00	0.00	0.01	0.00
24.65	2.00	0.00	0.00	0.01	0.00	24.66	2.00	0.00	0.00	0.01	0.00
24.67	2.00	0.00	0.00	0.01	0.00	24.68	2.00	0.00	0.00	0.01	0.00
24.69	2.00	0.00	0.00	0.01	0.00	24.70	2.00	0.00	0.00	0.01	0.00
24.71	2.00	0.00	0.00	0.01	0.00	24.72	2.00	0.00	0.00	0.01	0.00
24.73	2.00	0.00	0.00	0.01	0.00	24.74	2.00	0.00	0.00	0.01	0.00
24.75	2.00	0.00	0.00	0.01	0.00	24.76	2.00	0.00	0.00	0.01	0.00
24.77	2.00	0.00	0.00	0.01	0.00	24.78	2.00	0.00	0.00	0.01	0.00
24.79	2.00	0.00	0.00	0.01	0.00	24.80	2.00	0.00	0.00	0.01	0.00
24.81	2.00	0.00	0.00	0.01	0.00	24.82	2.00	0.00	0.00	0.01	0.00
24.83	2.00	0.00	0.00	0.01	0.00	24.84	2.00	0.00	0.00	0.01	0.00
24.85	2.00	0.00	0.00	0.01	0.00	24.86	2.00	0.00	0.00	0.01	0.00
24.87	2.00	0.00	0.00	0.01	0.00	24.88	2.00	0.00	0.00	0.01	0.00
24.89	2.00	0.00	0.00	0.01	0.00	24.90	2.00	0.00	0.00	0.01	0.00
24.91	2.00	0.00	0.00	0.01	0.00	24.92	2.00	0.00	0.00	0.01	0.00
24.93	2.00	0.00	0.00	0.01	0.00	24.94	2.00	0.00	0.00	0.01	0.00
24.95	2.00	0.00	0.00	0.01	0.00	24.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
24.97	2.00	0.00	0.00	0.01	0.00	24.98	2.00	0.00	0.00	0.01	0.00
24.99	2.00	0.00	0.00	0.01	0.00	25.00	2.00	0.00	0.00	0.01	0.00

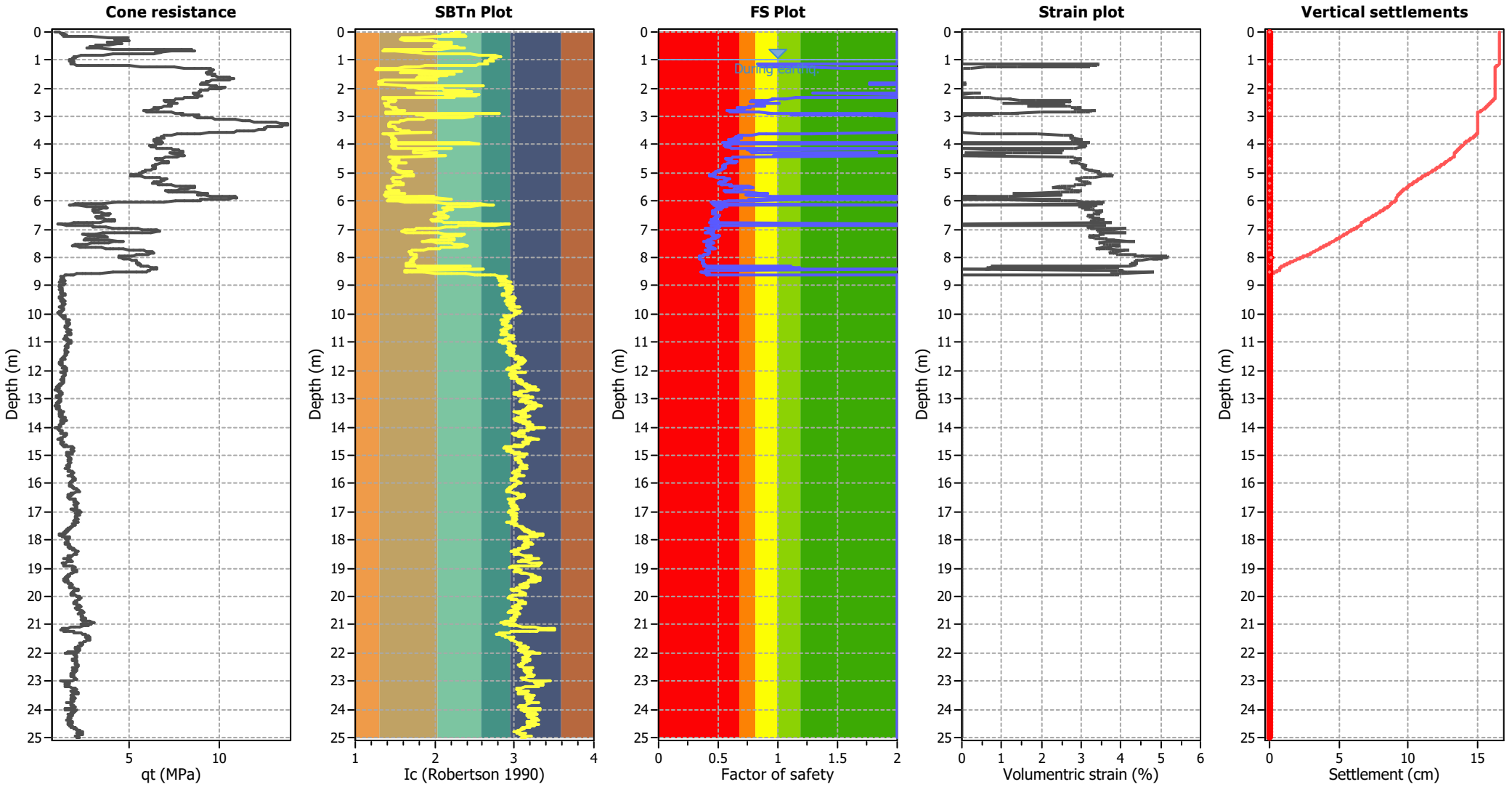
Overall liquefaction potential: 15.57

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	28.44	2.00	0.00	1.00	0.00	1.01	32.67	2.00	0.00	1.00	0.00
1.02	27.96	2.00	0.00	1.00	0.00	1.03	29.32	2.00	0.00	1.00	0.00
1.04	30.57	2.00	0.00	1.00	0.00	1.05	33.04	2.00	0.00	1.00	0.00
1.06	34.55	2.00	0.00	1.00	0.00	1.07	31.79	2.00	0.00	1.00	0.00
1.08	33.67	2.00	0.00	1.00	0.00	1.09	31.57	2.00	0.00	1.00	0.00
1.10	28.92	2.00	0.00	1.00	0.00	1.11	32.89	2.00	0.00	1.00	0.00
1.12	30.39	2.00	0.00	1.00	0.00	1.13	28.62	2.00	0.00	1.00	0.00
1.14	33.23	2.00	0.00	1.00	0.00	1.15	93.70	0.84	3.43	1.00	0.03
1.16	93.38	0.83	3.44	1.00	0.03	1.17	94.96	0.84	3.39	1.00	0.03
1.18	98.26	0.87	3.27	1.00	0.03	1.19	104.05	0.93	2.05	1.00	0.02
1.20	105.68	0.94	1.80	1.00	0.02	1.21	108.08	0.97	1.50	1.00	0.01
1.22	102.39	0.90	2.75	1.00	0.03	1.23	100.09	0.87	3.21	1.00	0.03
1.24	102.57	0.89	2.86	1.00	0.03	1.25	109.97	0.98	1.40	1.00	0.01
1.26	117.45	1.09	0.87	1.00	0.01	1.27	124.94	1.23	0.57	1.00	0.01
1.28	137.68	1.57	0.22	1.00	0.00	1.29	145.82	1.90	0.04	1.00	0.00
1.30	152.02	2.00	0.00	1.00	0.00	1.31	156.18	2.00	0.00	1.00	0.00
1.32	160.19	2.00	0.00	1.00	0.00	1.33	162.70	2.00	0.00	1.00	0.00
1.34	159.20	2.00	0.00	1.00	0.00	1.35	164.29	2.00	0.00	1.00	0.00
1.36	159.75	2.00	0.00	1.00	0.00	1.37	160.64	2.00	0.00	1.00	0.00
1.38	219.01	2.00	0.00	1.00	0.00	1.39	234.70	2.00	0.00	1.00	0.00
1.40	231.93	2.00	0.00	1.00	0.00	1.41	234.75	2.00	0.00	1.00	0.00
1.42	224.26	2.00	0.00	1.00	0.00	1.43	154.63	2.00	0.00	1.00	0.00
1.44	153.56	2.00	0.00	1.00	0.00	1.45	158.06	2.00	0.00	1.00	0.00
1.46	163.47	2.00	0.00	1.00	0.00	1.47	166.22	2.00	0.00	1.00	0.00
1.48	160.15	2.00	0.00	1.00	0.00	1.49	230.85	2.00	0.00	1.00	0.00
1.50	222.40	2.00	0.00	1.00	0.00	1.51	215.97	2.00	0.00	1.00	0.00
1.52	209.51	2.00	0.00	1.00	0.00	1.53	208.30	2.00	0.00	1.00	0.00
1.54	212.41	2.00	0.00	1.00	0.00	1.55	218.86	2.00	0.00	1.00	0.00
1.56	218.94	2.00	0.00	1.00	0.00	1.57	226.04	2.00	0.00	1.00	0.00
1.58	218.80	2.00	0.00	1.00	0.00	1.59	217.05	2.00	0.00	1.00	0.00
1.60	206.38	2.00	0.00	1.00	0.00	1.61	191.45	2.00	0.00	1.00	0.00
1.62	185.73	2.00	0.00	1.00	0.00	1.63	177.70	2.00	0.00	1.00	0.00
1.64	179.30	2.00	0.00	1.00	0.00	1.65	181.58	2.00	0.00	1.00	0.00
1.66	180.09	2.00	0.00	1.00	0.00	1.67	183.21	2.00	0.00	1.00	0.00
1.68	191.26	2.00	0.00	1.00	0.00	1.69	201.49	2.00	0.00	1.00	0.00
1.70	208.50	2.00	0.00	1.00	0.00	1.71	221.86	2.00	0.00	1.00	0.00
1.72	165.90	2.00	0.00	1.00	0.00	1.73	162.22	2.00	0.00	1.00	0.00
1.74	156.44	2.00	0.00	1.00	0.00	1.75	155.11	2.00	0.00	1.00	0.00
1.76	156.98	2.00	0.00	1.00	0.00	1.77	157.36	2.00	0.00	1.00	0.00
1.78	157.05	2.00	0.00	1.00	0.00	1.79	155.39	2.00	0.00	1.00	0.00
1.80	153.38	1.98	0.01	1.00	0.00	1.81	155.44	2.00	0.00	1.00	0.00
1.82	154.11	2.00	0.00	1.00	0.00	1.83	149.69	1.77	0.10	1.00	0.00
1.84	152.94	1.94	0.02	1.00	0.00	1.85	149.73	1.77	0.10	1.00	0.00
1.86	153.93	1.99	0.01	1.00	0.00	1.87	151.21	1.83	0.07	1.00	0.00
1.88	154.12	1.99	0.00	1.00	0.00	1.89	157.54	2.00	0.00	1.00	0.00
1.90	159.12	2.00	0.00	1.00	0.00	1.91	146.36	2.00	0.00	1.00	0.00
1.92	231.99	2.00	0.00	1.00	0.00	1.93	231.92	2.00	0.00	1.00	0.00
1.94	188.93	2.00	0.00	1.00	0.00	1.95	158.21	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	166.93	2.00	0.00	1.00	0.00	1.97	170.87	2.00	0.00	1.00	0.00
1.98	175.15	2.00	0.00	1.00	0.00	1.99	173.05	2.00	0.00	1.00	0.00
2.00	172.27	2.00	0.00	1.00	0.00	2.01	195.13	2.00	0.00	1.00	0.00
2.02	206.98	2.00	0.00	1.00	0.00	2.03	213.26	2.00	0.00	1.00	0.00
2.04	214.49	2.00	0.00	1.00	0.00	2.05	215.89	2.00	0.00	1.00	0.00
2.06	217.06	2.00	0.00	1.00	0.00	2.07	216.59	2.00	0.00	1.00	0.00
2.08	218.30	2.00	0.00	1.00	0.00	2.09	222.31	2.00	0.00	1.00	0.00
2.10	221.20	2.00	0.00	1.00	0.00	2.11	224.60	2.00	0.00	1.00	0.00
2.12	220.38	2.00	0.00	1.00	0.00	2.13	222.26	2.00	0.00	1.00	0.00
2.14	211.85	2.00	0.00	1.00	0.00	2.15	211.67	2.00	0.00	1.00	0.00
2.16	212.43	2.00	0.00	1.00	0.00	2.17	145.93	1.49	0.28	1.00	0.00
2.18	140.43	1.30	0.47	1.00	0.00	2.19	145.40	1.46	0.31	1.00	0.00
2.20	218.24	2.00	0.00	1.00	0.00	2.21	219.21	2.00	0.00	1.00	0.00
2.22	221.67	2.00	0.00	1.00	0.00	2.23	222.45	2.00	0.00	1.00	0.00
2.24	222.16	2.00	0.00	1.00	0.00	2.25	220.58	2.00	0.00	1.00	0.00
2.26	221.92	2.00	0.00	1.00	0.00	2.27	220.01	2.00	0.00	1.00	0.00
2.28	219.02	2.00	0.00	1.00	0.00	2.29	210.97	2.00	0.00	1.00	0.00
2.30	214.52	2.00	0.00	1.00	0.00	2.31	210.27	2.00	0.00	1.00	0.00
2.32	145.67	1.43	0.33	1.00	0.00	2.33	139.82	1.24	0.54	1.00	0.01
2.34	136.61	1.15	0.68	1.00	0.01	2.35	136.25	1.14	0.70	1.00	0.01
2.36	133.11	1.07	0.86	1.00	0.01	2.37	132.41	1.05	0.90	1.00	0.01
2.38	133.19	1.07	0.86	1.00	0.01	2.39	127.51	0.95	1.26	1.00	0.01
2.40	128.88	0.98	1.16	1.00	0.01	2.41	125.59	0.92	1.46	1.00	0.02
2.42	122.39	0.87	1.88	1.00	0.02	2.43	116.27	0.78	2.75	1.00	0.03
2.44	117.45	0.80	2.72	1.00	0.03	2.45	116.16	0.78	2.75	1.00	0.03
2.46	117.88	0.80	2.71	1.00	0.03	2.47	119.03	0.82	2.67	1.00	0.03
2.48	115.76	0.77	2.76	1.00	0.03	2.49	120.84	0.84	2.24	1.00	0.02
2.50	119.88	0.82	2.48	1.00	0.03	2.51	125.89	0.91	1.49	1.00	0.02
2.52	125.55	0.90	1.53	1.00	0.02	2.53	127.88	0.94	1.30	1.00	0.01
2.54	131.49	1.01	1.03	1.00	0.01	2.55	128.14	0.94	1.29	1.00	0.01
2.56	126.00	0.91	1.51	1.00	0.01	2.57	120.69	0.83	2.38	1.00	0.02
2.58	122.54	0.85	2.02	1.00	0.02	2.59	119.92	0.81	2.61	1.00	0.02
2.60	123.12	0.86	1.94	1.00	0.02	2.61	120.77	0.82	2.42	1.00	0.02
2.62	123.57	0.86	1.88	1.00	0.02	2.63	123.27	0.86	1.94	1.00	0.02
2.64	125.30	0.89	1.65	1.00	0.02	2.65	119.04	0.80	2.68	1.00	0.03
2.66	115.76	0.76	2.76	1.00	0.03	2.67	116.97	0.77	2.73	1.00	0.03
2.68	110.26	0.70	2.90	1.00	0.03	2.69	110.56	0.70	2.90	1.00	0.03
2.70	106.66	0.66	3.01	1.00	0.03	2.71	109.49	0.69	2.93	1.00	0.03
2.72	107.50	0.67	2.98	1.00	0.03	2.73	111.08	0.70	2.88	1.00	0.03
2.74	113.29	0.72	2.82	1.00	0.03	2.75	108.38	0.67	2.96	1.00	0.03
2.76	106.40	0.65	3.01	1.00	0.03	2.77	106.43	0.65	3.01	1.00	0.03
2.78	97.70	0.59	3.29	1.00	0.03	2.79	95.82	0.57	3.36	1.00	0.03
2.80	99.22	0.60	3.24	1.00	0.03	2.81	99.06	0.59	3.24	1.00	0.03
2.82	99.58	0.60	3.23	1.00	0.03	2.83	103.01	0.62	3.12	1.00	0.03
2.84	104.37	0.63	3.07	1.00	0.03	2.85	111.00	0.69	2.88	1.00	0.03
2.86	115.72	0.74	2.76	1.00	0.03	2.87	124.20	0.85	1.97	1.00	0.02
2.88	130.56	0.95	1.23	1.00	0.01	2.89	128.51	0.91	1.42	1.00	0.01
2.90	134.47	1.03	0.95	1.00	0.01	2.91	119.73	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	187.20	2.00	0.00	1.00	0.00	2.93	159.25	1.96	0.02	1.00	0.00
2.94	138.25	1.11	0.75	1.00	0.01	2.95	146.44	1.35	0.41	1.00	0.00
2.96	148.97	1.44	0.32	1.00	0.00	2.97	155.59	1.74	0.12	1.00	0.00
2.98	167.19	2.00	0.00	1.00	0.00	2.99	183.94	2.00	0.00	1.00	0.00
3.00	199.17	2.00	0.00	1.00	0.00	3.01	205.59	2.00	0.00	1.00	0.00
3.02	213.60	2.00	0.00	1.00	0.00	3.03	211.24	2.00	0.00	1.00	0.00
3.04	206.47	2.00	0.00	1.00	0.00	3.05	196.67	2.00	0.00	1.00	0.00
3.06	186.51	2.00	0.00	1.00	0.00	3.07	174.98	2.00	0.00	1.00	0.00
3.08	173.65	2.00	0.00	1.00	0.00	3.09	164.98	2.00	0.00	1.00	0.00
3.10	164.17	2.00	0.00	1.00	0.00	3.11	167.14	2.00	0.00	1.00	0.00
3.12	171.84	2.00	0.00	1.00	0.00	3.13	176.16	2.00	0.00	1.00	0.00
3.14	179.72	2.00	0.00	1.00	0.00	3.15	178.89	2.00	0.00	1.00	0.00
3.16	180.13	2.00	0.00	1.00	0.00	3.17	179.92	2.00	0.00	1.00	0.00
3.18	182.57	2.00	0.00	1.00	0.00	3.19	186.84	2.00	0.00	1.00	0.00
3.20	186.54	2.00	0.00	1.00	0.00	3.21	190.95	2.00	0.00	1.00	0.00
3.22	195.81	2.00	0.00	1.00	0.00	3.23	198.33	2.00	0.00	1.00	0.00
3.24	199.60	2.00	0.00	1.00	0.00	3.25	201.97	2.00	0.00	1.00	0.00
3.26	201.01	2.00	0.00	1.00	0.00	3.27	204.63	2.00	0.00	1.00	0.00
3.28	205.45	2.00	0.00	1.00	0.00	3.29	203.39	2.00	0.00	1.00	0.00
3.30	204.39	2.00	0.00	1.00	0.00	3.31	202.27	2.00	0.00	1.00	0.00
3.32	203.50	2.00	0.00	1.00	0.00	3.33	202.84	2.00	0.00	1.00	0.00
3.34	198.78	2.00	0.00	1.00	0.00	3.35	200.16	2.00	0.00	1.00	0.00
3.36	196.13	2.00	0.00	1.00	0.00	3.37	197.09	2.00	0.00	1.00	0.00
3.38	186.48	2.00	0.00	1.00	0.00	3.39	190.13	2.00	0.00	1.00	0.00
3.40	191.77	2.00	0.00	1.00	0.00	3.41	188.63	2.00	0.00	1.00	0.00
3.42	188.84	2.00	0.00	1.00	0.00	3.43	190.67	2.00	0.00	1.00	0.00
3.44	190.36	2.00	0.00	1.00	0.00	3.45	186.51	2.00	0.00	1.00	0.00
3.46	189.24	2.00	0.00	1.00	0.00	3.47	188.29	2.00	0.00	1.00	0.00
3.48	183.59	2.00	0.00	1.00	0.00	3.49	183.68	2.00	0.00	1.00	0.00
3.50	180.14	2.00	0.00	1.00	0.00	3.51	178.51	2.00	0.00	1.00	0.00
3.52	173.72	2.00	0.00	1.00	0.00	3.53	171.59	2.00	0.00	1.00	0.00
3.54	169.43	2.00	0.00	1.00	0.00	3.55	168.11	2.00	0.00	1.00	0.00
3.56	167.57	2.00	0.00	1.00	0.00	3.57	165.30	2.00	0.00	1.00	0.00
3.58	188.22	2.00	0.00	1.00	0.00	3.59	164.00	2.00	0.00	1.00	0.00
3.60	147.34	1.28	0.48	1.00	0.00	3.61	139.90	1.07	0.83	1.00	0.01
3.62	136.94	1.00	1.01	1.00	0.01	3.63	132.40	0.91	1.38	1.00	0.01
3.64	128.25	0.84	1.89	1.00	0.02	3.65	124.57	0.78	2.55	1.00	0.03
3.66	117.27	0.69	2.72	1.00	0.03	3.67	118.34	0.70	2.69	1.00	0.03
3.68	114.80	0.67	2.78	1.00	0.03	3.69	117.64	0.70	2.71	1.00	0.03
3.70	117.46	0.69	2.72	1.00	0.03	3.71	113.44	0.65	2.82	1.00	0.03
3.72	114.39	0.66	2.79	1.00	0.03	3.73	114.28	0.66	2.80	1.00	0.03
3.74	115.65	0.67	2.76	1.00	0.03	3.75	116.83	0.68	2.73	1.00	0.03
3.76	117.67	0.69	2.71	1.00	0.03	3.77	113.73	0.65	2.81	1.00	0.03
3.78	111.93	0.64	2.86	1.00	0.03	3.79	113.03	0.65	2.83	1.00	0.03
3.80	107.25	0.60	2.99	1.00	0.03	3.81	109.28	0.61	2.93	1.00	0.03
3.82	109.06	0.61	2.94	1.00	0.03	3.83	105.96	0.58	3.03	1.00	0.03
3.84	106.95	0.59	3.00	1.00	0.03	3.85	107.73	0.60	2.98	1.00	0.03
3.86	109.50	0.61	2.93	1.00	0.03	3.87	113.51	0.65	2.82	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	110.56	0.62	2.90	1.00	0.03	3.89	112.88	0.64	2.83	1.00	0.03
3.90	115.79	0.67	2.76	1.00	0.03	3.91	115.35	0.66	2.77	1.00	0.03
3.92	116.28	0.67	2.75	1.00	0.03	3.93	99.70	0.54	3.22	1.00	0.03
3.94	172.22	2.00	0.00	1.00	0.00	3.95	178.65	2.00	0.00	1.00	0.00
3.96	181.53	2.00	0.00	1.00	0.00	3.97	163.04	2.00	0.00	1.00	0.00
3.98	115.02	0.66	2.78	1.00	0.03	3.99	112.26	0.63	2.85	1.00	0.03
4.00	110.97	0.62	2.88	1.00	0.03	4.01	105.51	0.57	3.04	1.00	0.03
4.02	108.61	0.60	2.95	1.00	0.03	4.03	103.26	0.56	3.11	1.00	0.03
4.04	106.18	0.58	3.02	1.00	0.03	4.05	102.16	0.55	3.14	1.00	0.03
4.06	106.62	0.58	3.01	1.00	0.03	4.07	103.71	0.56	3.10	1.00	0.03
4.08	108.54	0.60	2.95	1.00	0.03	4.09	105.11	0.57	3.05	1.00	0.03
4.10	106.92	0.58	3.00	1.00	0.03	4.11	112.37	0.63	2.85	1.00	0.03
4.12	111.01	0.62	2.88	1.00	0.03	4.13	113.33	0.64	2.82	1.00	0.03
4.14	172.43	2.00	0.00	1.00	0.00	4.15	162.98	1.99	0.00	1.00	0.00
4.16	142.07	1.09	0.78	1.00	0.01	4.17	136.37	0.96	1.14	1.00	0.01
4.18	123.82	0.75	2.57	1.00	0.03	4.19	125.73	0.77	2.52	1.00	0.02
4.20	124.49	0.76	2.55	1.00	0.03	4.21	128.11	0.81	2.15	1.00	0.02
4.22	127.98	0.80	2.18	1.00	0.02	4.23	125.38	0.77	2.53	1.00	0.03
4.24	128.37	0.81	2.11	1.00	0.02	4.25	128.60	0.81	2.08	1.00	0.02
4.26	129.24	0.82	1.97	1.00	0.02	4.27	126.43	0.78	2.51	1.00	0.03
4.28	129.22	0.82	1.98	1.00	0.02	4.29	131.74	0.86	1.63	1.00	0.02
4.30	134.98	0.92	1.29	1.00	0.01	4.31	160.94	1.84	0.07	1.00	0.00
4.32	157.62	1.65	0.17	1.00	0.00	4.33	150.30	1.33	0.42	1.00	0.00
4.34	152.53	1.41	0.34	1.00	0.00	4.35	150.02	1.32	0.44	1.00	0.00
4.36	153.48	1.45	0.31	1.00	0.00	4.37	150.77	1.34	0.41	1.00	0.00
4.38	137.45	0.96	1.11	1.00	0.01	4.39	151.53	1.37	0.38	1.00	0.00
4.40	152.90	1.42	0.33	1.00	0.00	4.41	178.91	2.00	0.00	1.00	0.00
4.42	121.50	0.71	2.62	1.00	0.03	4.43	121.46	0.71	2.62	1.00	0.03
4.44	118.51	0.67	2.69	1.00	0.03	4.45	118.57	0.67	2.69	1.00	0.03
4.46	113.80	0.63	2.81	1.00	0.03	4.47	111.85	0.61	2.86	1.00	0.03
4.48	112.03	0.61	2.86	1.00	0.03	4.49	107.46	0.57	2.98	1.00	0.03
4.50	106.65	0.57	3.01	1.00	0.03	4.51	108.58	0.58	2.95	1.00	0.03
4.52	107.74	0.57	2.98	1.00	0.03	4.53	107.07	0.57	2.99	1.00	0.03
4.54	108.15	0.58	2.96	1.00	0.03	4.55	109.77	0.59	2.92	1.00	0.03
4.56	109.14	0.58	2.94	1.00	0.03	4.57	114.40	0.63	2.79	1.00	0.03
4.58	115.99	0.64	2.75	1.00	0.03	4.59	114.51	0.63	2.79	1.00	0.03
4.60	117.15	0.66	2.72	1.00	0.03	4.61	115.98	0.64	2.75	1.00	0.03
4.62	115.02	0.63	2.78	1.00	0.03	4.63	116.12	0.64	2.75	1.00	0.03
4.64	115.54	0.64	2.76	1.00	0.03	4.65	114.47	0.63	2.79	1.00	0.03
4.66	113.60	0.62	2.81	1.00	0.03	4.67	109.12	0.58	2.94	1.00	0.03
4.68	106.99	0.56	3.00	1.00	0.03	4.69	105.42	0.55	3.04	1.00	0.03
4.70	105.17	0.55	3.05	1.00	0.03	4.71	106.80	0.56	3.00	1.00	0.03
4.72	106.05	0.56	3.02	1.00	0.03	4.73	102.47	0.53	3.13	1.00	0.03
4.74	104.66	0.55	3.07	1.00	0.03	4.75	103.80	0.54	3.09	1.00	0.03
4.76	106.49	0.56	3.01	1.00	0.03	4.77	103.57	0.54	3.10	1.00	0.03
4.78	106.76	0.56	3.00	1.00	0.03	4.79	103.31	0.54	3.11	1.00	0.03
4.80	106.12	0.56	3.02	1.00	0.03	4.81	103.64	0.54	3.10	1.00	0.03
4.82	106.16	0.56	3.02	1.00	0.03	4.83	104.17	0.54	3.08	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	104.61	0.54	3.07	1.00	0.03	4.85	103.70	0.54	3.10	1.00	0.03
4.86	103.68	0.54	3.10	1.00	0.03	4.87	104.06	0.54	3.08	1.00	0.03
4.88	100.06	0.51	3.21	1.00	0.03	4.89	99.15	0.51	3.24	1.00	0.03
4.90	100.71	0.52	3.19	1.00	0.03	4.91	101.18	0.52	3.17	1.00	0.03
4.92	97.96	0.50	3.28	1.00	0.03	4.93	100.87	0.52	3.18	1.00	0.03
4.94	92.63	0.47	3.47	1.00	0.04	4.95	97.05	0.50	3.31	1.00	0.03
4.96	96.50	0.49	3.33	1.00	0.03	4.97	95.78	0.49	3.36	1.00	0.03
4.98	95.37	0.49	3.37	1.00	0.03	4.99	91.19	0.46	3.53	1.00	0.04
5.00	93.13	0.47	3.45	1.00	0.04	5.01	91.87	0.47	3.50	1.00	0.03
5.02	94.33	0.48	3.41	1.00	0.04	5.03	94.03	0.48	3.42	1.00	0.03
5.04	92.94	0.47	3.46	1.00	0.04	5.05	88.00	0.45	3.65	1.00	0.04
5.06	87.17	0.44	3.69	1.00	0.03	5.07	85.92	0.44	3.74	1.00	0.04
5.08	85.21	0.43	3.77	1.00	0.04	5.09	84.35	0.43	3.81	1.00	0.04
5.10	85.59	0.43	3.75	1.00	0.04	5.11	85.58	0.43	3.75	1.00	0.04
5.12	89.13	0.45	3.61	1.00	0.04	5.13	90.23	0.46	3.56	1.00	0.03
5.14	96.93	0.49	3.32	1.00	0.03	5.15	97.65	0.50	3.29	1.00	0.03
5.16	100.46	0.51	3.20	1.00	0.03	5.17	104.41	0.54	3.07	1.00	0.03
5.18	105.99	0.55	3.03	1.00	0.03	5.19	108.81	0.57	2.94	1.00	0.03
5.20	107.32	0.56	2.99	1.00	0.03	5.21	110.57	0.58	2.90	1.00	0.03
5.22	109.48	0.58	2.93	1.00	0.03	5.23	111.77	0.59	2.86	1.00	0.03
5.24	108.69	0.57	2.95	1.00	0.03	5.25	108.93	0.57	2.94	1.00	0.03
5.26	107.14	0.56	2.99	1.00	0.03	5.27	109.68	0.58	2.92	1.00	0.03
5.28	107.01	0.56	3.00	1.00	0.03	5.29	106.35	0.55	3.02	1.00	0.03
5.30	107.21	0.56	2.99	1.00	0.03	5.31	107.07	0.56	2.99	1.00	0.03
5.32	105.57	0.55	3.04	1.00	0.03	5.33	101.89	0.52	3.15	1.00	0.03
5.34	100.82	0.51	3.19	1.00	0.03	5.35	99.90	0.51	3.22	1.00	0.03
5.36	98.82	0.50	3.25	1.00	0.03	5.37	101.78	0.52	3.16	1.00	0.03
5.38	101.37	0.52	3.17	1.00	0.03	5.39	102.07	0.52	3.15	1.00	0.03
5.40	103.84	0.53	3.09	1.00	0.03	5.41	103.39	0.53	3.11	1.00	0.03
5.42	104.91	0.54	3.06	1.00	0.03	5.43	110.31	0.58	2.90	1.00	0.03
5.44	113.18	0.60	2.83	1.00	0.03	5.45	112.49	0.60	2.84	1.00	0.03
5.46	118.91	0.66	2.68	1.00	0.03	5.47	121.58	0.69	2.62	1.00	0.02
5.48	126.40	0.75	2.51	1.00	0.03	5.49	126.91	0.76	2.50	1.00	0.03
5.50	129.21	0.79	2.25	1.00	0.02	5.51	126.02	0.74	2.52	1.00	0.03
5.52	128.41	0.78	2.43	1.00	0.02	5.53	127.69	0.77	2.48	1.00	0.02
5.54	124.46	0.72	2.55	1.00	0.03	5.55	122.68	0.70	2.59	1.00	0.03
5.56	121.12	0.68	2.63	1.00	0.02	5.57	121.36	0.68	2.62	1.00	0.03
5.58	120.12	0.67	2.65	1.00	0.02	5.59	119.22	0.66	2.67	1.00	0.03
5.60	117.04	0.64	2.73	1.00	0.03	5.61	114.83	0.62	2.78	1.00	0.03
5.62	112.85	0.60	2.83	1.00	0.03	5.63	107.54	0.56	2.98	1.00	0.03
5.64	106.77	0.55	3.00	1.00	0.03	5.65	107.06	0.55	2.99	1.00	0.03
5.66	107.86	0.56	2.97	1.00	0.03	5.67	112.42	0.60	2.85	1.00	0.03
5.68	113.83	0.61	2.81	1.00	0.03	5.69	118.57	0.65	2.69	1.00	0.03
5.70	127.49	0.76	2.49	1.00	0.03	5.71	133.09	0.85	1.66	1.00	0.02
5.72	136.53	0.91	1.29	1.00	0.01	5.73	135.46	0.89	1.39	1.00	0.01
5.74	131.85	0.83	1.83	1.00	0.02	5.75	131.08	0.81	1.95	1.00	0.02
5.76	126.69	0.75	2.50	1.00	0.03	5.77	128.15	0.77	2.47	1.00	0.03
5.78	129.79	0.79	2.17	1.00	0.02	5.79	133.61	0.86	1.60	1.00	0.02

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	124.94	0.73	2.54	1.00	0.02	5.81	138.05	0.94	1.17	1.00	0.01
5.82	183.78	2.00	0.00	1.00	0.00	5.83	161.32	1.78	0.10	1.00	0.00
5.84	152.81	1.37	0.38	1.00	0.00	5.85	157.80	1.59	0.21	1.00	0.00
5.86	163.15	1.90	0.04	1.00	0.00	5.87	183.90	2.00	0.00	1.00	0.00
5.88	188.94	2.00	0.00	1.00	0.00	5.89	185.22	2.00	0.00	1.00	0.00
5.90	197.23	2.00	0.00	1.00	0.00	5.91	208.68	2.00	0.00	1.00	0.00
5.92	142.91	1.05	0.85	1.00	0.01	5.93	139.14	0.96	1.09	1.00	0.01
5.94	127.56	0.76	2.49	1.00	0.03	5.95	166.59	2.00	0.00	1.00	0.00
5.96	148.77	1.22	0.55	1.00	0.01	5.97	129.92	0.79	2.19	1.00	0.02
5.98	127.56	0.76	2.49	1.00	0.03	5.99	124.03	0.71	2.56	1.00	0.02
6.00	118.97	0.65	2.68	1.00	0.03	6.01	111.45	0.58	2.87	1.00	0.03
6.02	104.82	0.53	3.06	1.00	0.03	6.03	95.19	0.47	3.38	1.00	0.04
6.04	89.35	0.44	3.60	1.00	0.03	6.05	92.00	0.45	3.50	1.00	0.04
6.06	101.83	0.51	3.15	1.00	0.03	6.07	105.87	0.54	3.03	1.00	0.03
6.08	97.76	0.48	3.29	1.00	0.03	6.09	94.46	0.47	3.40	1.00	0.03
6.10	93.81	0.46	3.43	1.00	0.04	6.11	90.89	0.45	3.54	1.00	0.03
6.12	28.90	2.00	0.00	1.00	0.00	6.13	22.97	2.00	0.00	1.00	0.00
6.14	27.41	2.00	0.00	1.00	0.00	6.15	29.09	2.00	0.00	1.00	0.00
6.16	94.67	0.47	3.40	1.00	0.03	6.17	97.83	0.48	3.29	1.00	0.03
6.18	107.05	0.55	3.00	1.00	0.03	6.19	107.38	0.55	2.99	1.00	0.03
6.20	109.73	0.57	2.92	1.00	0.03	6.21	105.36	0.53	3.05	1.00	0.03
6.22	105.29	0.53	3.05	1.00	0.03	6.23	106.32	0.54	3.02	1.00	0.03
6.24	104.71	0.53	3.06	1.00	0.03	6.25	103.86	0.52	3.09	1.00	0.03
6.26	104.79	0.53	3.06	1.00	0.03	6.27	100.13	0.50	3.21	1.00	0.03
6.28	104.46	0.53	3.07	1.00	0.03	6.29	97.40	0.48	3.30	1.00	0.03
6.30	97.29	0.48	3.30	1.00	0.03	6.31	96.97	0.48	3.32	1.00	0.03
6.32	97.19	0.48	3.31	1.00	0.03	6.33	96.05	0.47	3.35	1.00	0.03
6.34	90.72	0.45	3.54	1.00	0.04	6.35	93.89	0.46	3.43	1.00	0.04
6.36	93.72	0.46	3.43	1.00	0.03	6.37	90.50	0.45	3.55	1.00	0.04
6.38	95.30	0.47	3.37	1.00	0.03	6.39	92.80	0.46	3.47	1.00	0.04
6.40	93.15	0.46	3.45	1.00	0.04	6.41	95.13	0.47	3.38	1.00	0.03
6.42	92.95	0.46	3.46	1.00	0.04	6.43	92.35	0.45	3.48	1.00	0.03
6.44	95.80	0.47	3.36	1.00	0.03	6.45	92.93	0.46	3.46	1.00	0.04
6.46	97.22	0.48	3.31	1.00	0.03	6.47	97.29	0.48	3.30	1.00	0.03
6.48	97.96	0.49	3.28	1.00	0.03	6.49	100.28	0.50	3.20	1.00	0.03
6.50	100.94	0.50	3.18	1.00	0.03	6.51	100.34	0.50	3.20	1.00	0.03
6.52	101.61	0.51	3.16	1.00	0.03	6.53	100.82	0.50	3.19	1.00	0.03
6.54	98.09	0.49	3.28	1.00	0.03	6.55	98.70	0.49	3.26	1.00	0.03
6.56	96.96	0.48	3.32	1.00	0.03	6.57	100.53	0.50	3.20	1.00	0.03
6.58	97.65	0.48	3.29	1.00	0.03	6.59	99.24	0.49	3.24	1.00	0.03
6.60	94.55	0.47	3.40	1.00	0.04	6.61	98.09	0.49	3.28	1.00	0.03
6.62	92.91	0.46	3.46	1.00	0.04	6.63	95.55	0.47	3.37	1.00	0.03
6.64	91.19	0.45	3.53	1.00	0.04	6.65	89.95	0.44	3.57	1.00	0.04
6.66	90.48	0.45	3.55	1.00	0.03	6.67	90.10	0.44	3.57	1.00	0.04
6.68	92.41	0.45	3.48	1.00	0.04	6.69	94.12	0.46	3.42	1.00	0.03
6.70	94.16	0.46	3.42	1.00	0.04	6.71	97.72	0.48	3.29	1.00	0.03
6.72	95.26	0.47	3.38	1.00	0.04	6.73	99.96	0.50	3.21	1.00	0.03
6.74	96.89	0.48	3.32	1.00	0.03	6.75	98.01	0.49	3.28	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	92.70	0.46	3.47	1.00	0.03	6.77	90.43	0.45	3.56	1.00	0.04
6.78	85.21	0.42	3.77	1.00	0.04	6.79	25.78	2.00	0.00	1.00	0.00
6.80	24.07	2.00	0.00	1.00	0.00	6.81	17.99	2.00	0.00	1.00	0.00
6.82	17.33	2.00	0.00	1.00	0.00	6.83	16.25	2.00	0.00	1.00	0.00
6.84	22.69	2.00	0.00	1.00	0.00	6.85	89.16	0.44	3.61	1.00	0.04
6.86	94.81	0.47	3.39	1.00	0.03	6.87	98.99	0.49	3.25	1.00	0.03
6.88	98.28	0.49	3.27	1.00	0.03	6.89	101.52	0.51	3.16	1.00	0.03
6.90	98.21	0.49	3.27	1.00	0.03	6.91	96.92	0.48	3.32	1.00	0.03
6.92	100.34	0.50	3.20	1.00	0.03	6.93	100.22	0.50	3.21	1.00	0.03
6.94	101.61	0.51	3.16	1.00	0.03	6.95	100.04	0.50	3.21	1.00	0.04
6.96	89.54	0.44	3.59	1.00	0.03	6.97	84.03	0.42	3.82	1.00	0.04
6.98	77.80	0.39	4.12	1.00	0.04	6.99	79.74	0.40	4.02	1.00	0.04
7.00	84.36	0.42	3.81	1.00	0.04	7.01	84.74	0.42	3.79	1.00	0.04
7.02	90.35	0.45	3.56	1.00	0.04	7.03	89.27	0.44	3.60	1.00	0.03
7.04	94.24	0.46	3.41	1.00	0.04	7.05	94.22	0.46	3.41	1.00	0.03
7.06	94.88	0.47	3.39	1.00	0.04	7.07	93.84	0.46	3.43	1.00	0.04
7.08	93.65	0.46	3.43	1.00	0.03	7.09	91.85	0.45	3.50	1.00	0.04
7.10	92.63	0.46	3.47	1.00	0.03	7.11	80.68	0.40	3.98	1.00	0.04
7.12	77.55	0.39	4.13	1.00	0.04	7.13	84.53	0.42	3.80	1.00	0.04
7.14	92.12	0.45	3.49	1.00	0.04	7.15	91.17	0.45	3.53	1.00	0.03
7.16	93.22	0.46	3.45	1.00	0.04	7.17	89.27	0.44	3.60	1.00	0.03
7.18	90.47	0.45	3.55	1.00	0.04	7.19	92.95	0.46	3.46	1.00	0.04
7.20	92.23	0.45	3.49	1.00	0.03	7.21	97.75	0.48	3.29	1.00	0.03
7.22	96.20	0.48	3.34	1.00	0.03	7.23	98.31	0.49	3.27	1.00	0.03
7.24	101.28	0.51	3.17	1.00	0.03	7.25	97.77	0.48	3.29	1.00	0.03
7.26	99.78	0.50	3.22	1.00	0.03	7.27	97.86	0.49	3.28	1.00	0.03
7.28	100.45	0.50	3.20	1.00	0.03	7.29	96.33	0.48	3.34	1.00	0.03
7.30	97.75	0.48	3.29	1.00	0.03	7.31	96.71	0.48	3.32	1.00	0.03
7.32	92.50	0.46	3.48	1.00	0.03	7.33	93.52	0.46	3.44	1.00	0.04
7.34	89.34	0.44	3.60	1.00	0.03	7.35	88.14	0.43	3.65	1.00	0.04
7.36	88.92	0.44	3.62	1.00	0.04	7.37	83.58	0.41	3.84	1.00	0.04
7.38	88.71	0.44	3.62	1.00	0.04	7.39	85.40	0.42	3.76	1.00	0.04
7.40	84.28	0.42	3.81	1.00	0.04	7.41	75.88	0.38	4.22	1.00	0.04
7.42	73.60	0.38	4.34	1.00	0.04	7.43	79.43	0.40	4.04	1.00	0.04
7.44	84.27	0.42	3.81	1.00	0.04	7.45	87.98	0.43	3.65	1.00	0.04
7.46	93.71	0.46	3.43	1.00	0.03	7.47	92.63	0.46	3.47	1.00	0.04
7.48	93.19	0.46	3.45	1.00	0.04	7.49	93.36	0.46	3.44	1.00	0.03
7.50	89.88	0.44	3.58	1.00	0.04	7.51	90.22	0.44	3.56	1.00	0.04
7.52	88.79	0.44	3.62	1.00	0.04	7.53	86.68	0.43	3.71	1.00	0.03
7.54	85.11	0.42	3.78	1.00	0.04	7.55	80.45	0.40	3.99	1.00	0.04
7.56	82.63	0.41	3.89	1.00	0.04	7.57	80.26	0.40	4.00	1.00	0.04
7.58	83.68	0.42	3.84	1.00	0.04	7.59	81.27	0.41	3.95	1.00	0.04
7.60	85.34	0.42	3.77	1.00	0.04	7.61	84.92	0.42	3.78	1.00	0.04
7.62	87.83	0.43	3.66	1.00	0.03	7.63	85.24	0.42	3.77	1.00	0.04
7.64	90.98	0.45	3.53	1.00	0.04	7.65	91.73	0.45	3.51	1.00	0.03
7.66	90.43	0.45	3.56	1.00	0.04	7.67	95.80	0.47	3.36	1.00	0.03
7.68	92.11	0.45	3.49	1.00	0.04	7.69	93.97	0.46	3.42	1.00	0.03
7.70	88.36	0.44	3.64	1.00	0.04	7.71	87.70	0.43	3.67	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	79.50	0.40	4.03	1.00	0.04	7.73	76.84	0.39	4.17	1.00	0.04
7.74	76.24	0.39	4.20	1.00	0.04	7.75	78.76	0.40	4.07	1.00	0.04
7.76	77.99	0.39	4.11	1.00	0.04	7.77	82.35	0.41	3.90	1.00	0.04
7.78	83.44	0.41	3.85	1.00	0.04	7.79	82.26	0.41	3.90	1.00	0.04
7.80	83.73	0.42	3.84	1.00	0.04	7.81	84.95	0.42	3.78	1.00	0.04
7.82	87.41	0.43	3.68	1.00	0.04	7.83	84.37	0.42	3.81	1.00	0.04
7.84	84.84	0.42	3.79	1.00	0.04	7.85	84.66	0.42	3.79	1.00	0.04
7.86	82.80	0.41	3.88	1.00	0.04	7.87	82.85	0.41	3.88	1.00	0.04
7.88	81.31	0.41	3.95	1.00	0.04	7.89	78.62	0.40	4.08	1.00	0.04
7.90	74.86	0.38	4.27	1.00	0.04	7.91	72.89	0.37	4.38	1.00	0.04
7.92	73.81	0.38	4.33	1.00	0.04	7.93	69.33	0.36	4.59	1.00	0.05
7.94	70.56	0.37	4.52	1.00	0.04	7.95	62.73	0.34	5.03	1.00	0.05
7.96	63.16	0.34	5.00	1.00	0.05	7.97	61.13	0.34	5.15	1.00	0.05
7.98	60.73	0.34	5.18	1.00	0.05	7.99	63.17	0.34	5.00	1.00	0.05
8.00	63.14	0.34	5.00	1.00	0.05	8.01	61.09	0.34	5.15	1.00	0.05
8.02	64.49	0.35	4.90	1.00	0.05	8.03	62.44	0.34	5.05	1.00	0.05
8.04	66.40	0.35	4.78	1.00	0.04	8.05	64.02	0.35	4.94	1.00	0.05
8.06	66.83	0.35	4.75	1.00	0.04	8.07	67.16	0.36	4.73	1.00	0.05
8.08	70.68	0.37	4.51	1.00	0.05	8.09	72.27	0.37	4.42	1.00	0.04
8.10	72.81	0.37	4.38	1.00	0.05	8.11	72.19	0.37	4.42	1.00	0.04
8.12	73.18	0.38	4.36	1.00	0.05	8.13	73.40	0.38	4.35	1.00	0.05
8.14	73.28	0.38	4.36	1.00	0.04	8.15	73.02	0.38	4.37	1.00	0.05
8.16	71.77	0.37	4.44	1.00	0.04	8.17	74.32	0.38	4.30	1.00	0.04
8.18	73.41	0.38	4.35	1.00	0.05	8.19	75.27	0.38	4.25	1.00	0.04
8.20	72.04	0.37	4.43	1.00	0.05	8.21	74.36	0.38	4.30	1.00	0.04
8.22	72.61	0.37	4.40	1.00	0.05	8.23	73.24	0.38	4.36	1.00	0.05
8.24	76.09	0.39	4.21	1.00	0.04	8.25	72.97	0.37	4.38	1.00	0.05
8.26	76.17	0.39	4.20	1.00	0.04	8.27	73.33	0.38	4.36	1.00	0.04
8.28	75.69	0.38	4.23	1.00	0.04	8.29	75.82	0.38	4.22	1.00	0.04
8.30	89.45	0.44	3.59	1.00	0.04	8.31	144.60	1.11	0.73	1.00	0.01
8.32	118.44	0.65	2.69	1.00	0.03	8.33	81.14	0.40	3.95	1.00	0.04
8.34	81.15	0.40	3.95	1.00	0.04	8.35	88.74	0.44	3.62	1.00	0.04
8.36	145.42	1.13	0.69	1.00	0.01	8.37	142.38	1.05	0.86	1.00	0.01
8.38	147.12	1.18	0.61	1.00	0.01	8.39	144.79	1.11	0.72	1.00	0.01
8.40	147.82	1.20	0.58	1.00	0.01	8.41	145.29	1.12	0.70	1.00	0.01
8.42	74.70	2.00	0.00	1.00	0.00	8.43	76.81	2.00	0.00	1.00	0.00
8.44	82.18	0.41	3.91	1.00	0.04	8.45	78.57	0.39	4.08	1.00	0.04
8.46	81.27	0.40	3.95	1.00	0.04	8.47	79.51	0.40	4.03	1.00	0.04
8.48	80.83	0.40	3.97	1.00	0.04	8.49	78.10	0.39	4.10	1.00	0.04
8.50	76.85	0.39	4.17	1.00	0.04	8.51	72.27	0.37	4.42	1.00	0.05
8.52	66.79	0.35	4.75	1.00	0.04	8.53	65.79	0.35	4.82	1.00	0.05
8.54	79.70	0.40	4.02	1.00	0.04	8.55	82.42	0.41	3.90	1.00	0.04
8.56	85.57	0.42	3.76	1.00	0.04	8.57	85.98	0.42	3.74	1.00	0.04
8.58	82.22	0.41	3.90	1.00	0.04	8.59	80.87	0.40	3.97	1.00	0.04
8.60	81.85	0.41	3.92	1.00	0.04	8.61	83.80	0.41	3.83	1.00	0.04
8.62	23.26	2.00	0.00	1.00	0.00	8.63	22.72	2.00	0.00	1.00	0.00
8.64	18.49	2.00	0.00	1.00	0.00	8.65	20.09	2.00	0.00	1.00	0.00
8.66	18.15	2.00	0.00	1.00	0.00	8.67	18.76	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	15.21	2.00	0.00	1.00	0.00	8.69	17.99	2.00	0.00	1.00	0.00
8.70	17.35	2.00	0.00	1.00	0.00	8.71	19.46	2.00	0.00	1.00	0.00
8.72	19.26	2.00	0.00	1.00	0.00	8.73	18.72	2.00	0.00	1.00	0.00
8.74	15.98	2.00	0.00	1.00	0.00	8.75	19.04	2.00	0.00	1.00	0.00
8.76	16.27	2.00	0.00	1.00	0.00	8.77	20.04	2.00	0.00	1.00	0.00
8.78	17.81	2.00	0.00	1.00	0.00	8.79	17.08	2.00	0.00	1.00	0.00
8.80	16.16	2.00	0.00	1.00	0.00	8.81	19.06	2.00	0.00	1.00	0.00
8.82	19.57	2.00	0.00	1.00	0.00	8.83	19.52	2.00	0.00	1.00	0.00
8.84	15.64	2.00	0.00	1.00	0.00	8.85	15.93	2.00	0.00	1.00	0.00
8.86	16.47	2.00	0.00	1.00	0.00	8.87	18.70	2.00	0.00	1.00	0.00
8.88	16.26	2.00	0.00	1.00	0.00	8.89	17.48	2.00	0.00	1.00	0.00
8.90	19.56	2.00	0.00	1.00	0.00	8.91	17.41	2.00	0.00	1.00	0.00
8.92	19.51	2.00	0.00	1.00	0.00	8.93	19.45	2.00	0.00	1.00	0.00
8.94	19.38	2.00	0.00	1.00	0.00	8.95	17.15	2.00	0.00	1.00	0.00
8.96	18.44	2.00	0.00	1.00	0.00	8.97	18.70	2.00	0.00	1.00	0.00
8.98	18.31	2.00	0.00	1.00	0.00	8.99	18.12	2.00	0.00	1.00	0.00
9.00	14.33	2.00	0.00	1.00	0.00	9.01	14.59	2.00	0.00	1.00	0.00
9.02	16.29	2.00	0.00	1.00	0.00	9.03	15.20	2.00	0.00	1.00	0.00
9.04	17.11	2.00	0.00	1.00	0.00	9.05	15.10	2.00	0.00	1.00	0.00
9.06	15.93	2.00	0.00	1.00	0.00	9.07	17.86	2.00	0.00	1.00	0.00
9.08	16.40	2.00	0.00	1.00	0.00	9.09	17.85	2.00	0.00	1.00	0.00
9.10	17.88	2.00	0.00	1.00	0.00	9.11	14.82	2.00	0.00	1.00	0.00
9.12	14.94	2.00	0.00	1.00	0.00	9.13	16.88	2.00	0.00	1.00	0.00
9.14	17.78	2.00	0.00	1.00	0.00	9.15	17.55	2.00	0.00	1.00	0.00
9.16	15.21	2.00	0.00	1.00	0.00	9.17	17.64	2.00	0.00	1.00	0.00
9.18	16.77	2.00	0.00	1.00	0.00	9.19	17.67	2.00	0.00	1.00	0.00
9.20	17.69	2.00	0.00	1.00	0.00	9.21	16.04	2.00	0.00	1.00	0.00
9.22	18.11	2.00	0.00	1.00	0.00	9.23	15.24	2.00	0.00	1.00	0.00
9.24	17.40	2.00	0.00	1.00	0.00	9.25	15.30	2.00	0.00	1.00	0.00
9.26	15.51	2.00	0.00	1.00	0.00	9.27	18.70	2.00	0.00	1.00	0.00
9.28	17.76	2.00	0.00	1.00	0.00	9.29	19.08	2.00	0.00	1.00	0.00
9.30	18.67	2.00	0.00	1.00	0.00	9.31	19.06	2.00	0.00	1.00	0.00
9.32	18.73	2.00	0.00	1.00	0.00	9.33	18.87	2.00	0.00	1.00	0.00
9.34	18.25	2.00	0.00	1.00	0.00	9.35	18.21	2.00	0.00	1.00	0.00
9.36	16.42	2.00	0.00	1.00	0.00	9.37	17.78	2.00	0.00	1.00	0.00
9.38	16.80	2.00	0.00	1.00	0.00	9.39	17.81	2.00	0.00	1.00	0.00
9.40	14.96	2.00	0.00	1.00	0.00	9.41	14.74	2.00	0.00	1.00	0.00
9.42	16.40	2.00	0.00	1.00	0.00	9.43	14.72	2.00	0.00	1.00	0.00
9.44	15.59	2.00	0.00	1.00	0.00	9.45	17.77	2.00	0.00	1.00	0.00
9.46	15.62	2.00	0.00	1.00	0.00	9.47	17.69	2.00	0.00	1.00	0.00
9.48	17.40	2.00	0.00	1.00	0.00	9.49	18.49	2.00	0.00	1.00	0.00
9.50	15.61	2.00	0.00	1.00	0.00	9.51	15.36	2.00	0.00	1.00	0.00
9.52	17.27	2.00	0.00	1.00	0.00	9.53	15.74	2.00	0.00	1.00	0.00
9.54	18.74	2.00	0.00	1.00	0.00	9.55	19.03	2.00	0.00	1.00	0.00
9.56	18.98	2.00	0.00	1.00	0.00	9.57	16.07	2.00	0.00	1.00	0.00
9.58	18.69	2.00	0.00	1.00	0.00	9.59	16.15	2.00	0.00	1.00	0.00
9.60	18.96	2.00	0.00	1.00	0.00	9.61	18.53	2.00	0.00	1.00	0.00
9.62	16.06	2.00	0.00	1.00	0.00	9.63	16.26	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	17.01	2.00	0.00	1.00	0.00	9.65	16.27	2.00	0.00	1.00	0.00
9.66	18.73	2.00	0.00	1.00	0.00	9.67	18.54	2.00	0.00	1.00	0.00
9.68	18.01	2.00	0.00	1.00	0.00	9.69	17.42	2.00	0.00	1.00	0.00
9.70	15.09	2.00	0.00	1.00	0.00	9.71	16.49	2.00	0.00	1.00	0.00
9.72	17.83	2.00	0.00	1.00	0.00	9.73	14.91	2.00	0.00	1.00	0.00
9.74	14.77	2.00	0.00	1.00	0.00	9.75	14.47	2.00	0.00	1.00	0.00
9.76	15.04	2.00	0.00	1.00	0.00	9.77	17.00	2.00	0.00	1.00	0.00
9.78	16.26	2.00	0.00	1.00	0.00	9.79	17.16	2.00	0.00	1.00	0.00
9.80	17.15	2.00	0.00	1.00	0.00	9.81	16.86	2.00	0.00	1.00	0.00
9.82	17.33	2.00	0.00	1.00	0.00	9.83	15.44	2.00	0.00	1.00	0.00
9.84	16.90	2.00	0.00	1.00	0.00	9.85	17.02	2.00	0.00	1.00	0.00
9.86	17.24	2.00	0.00	1.00	0.00	9.87	16.95	2.00	0.00	1.00	0.00
9.88	14.59	2.00	0.00	1.00	0.00	9.89	13.85	2.00	0.00	1.00	0.00
9.90	15.58	2.00	0.00	1.00	0.00	9.91	14.41	2.00	0.00	1.00	0.00
9.92	17.31	2.00	0.00	1.00	0.00	9.93	17.11	2.00	0.00	1.00	0.00
9.94	11.35	2.00	0.00	1.00	0.00	9.95	16.81	2.00	0.00	1.00	0.00
9.96	13.87	2.00	0.00	1.00	0.00	9.97	13.27	2.00	0.00	1.00	0.00
9.98	14.04	2.00	0.00	1.00	0.00	9.99	16.49	2.00	0.00	1.00	0.00
10.00	14.17	2.00	0.00	1.00	0.00	10.01	15.09	2.00	0.00	1.00	0.00
10.02	14.31	2.00	0.00	1.00	0.00	10.03	15.20	2.00	0.00	1.00	0.00
10.04	15.21	2.00	0.00	1.00	0.00	10.05	15.85	2.00	0.00	1.00	0.00
10.06	18.18	2.00	0.00	1.00	0.00	10.07	17.75	2.00	0.00	1.00	0.00
10.08	18.96	2.00	0.00	1.00	0.00	10.09	18.82	2.00	0.00	1.00	0.00
10.10	16.36	2.00	0.00	1.00	0.00	10.11	16.55	2.00	0.00	1.00	0.00
10.12	16.26	2.00	0.00	1.00	0.00	10.13	16.71	2.00	0.00	1.00	0.00
10.14	17.46	2.00	0.00	1.00	0.00	10.15	17.00	2.00	0.00	1.00	0.00
10.16	17.72	2.00	0.00	1.00	0.00	10.17	16.80	2.00	0.00	1.00	0.00
10.18	17.98	2.00	0.00	1.00	0.00	10.19	17.92	2.00	0.00	1.00	0.00
10.20	20.76	2.00	0.00	1.00	0.00	10.21	19.75	2.00	0.00	1.00	0.00
10.22	21.01	2.00	0.00	1.00	0.00	10.23	17.98	2.00	0.00	1.00	0.00
10.24	19.15	2.00	0.00	1.00	0.00	10.25	18.64	2.00	0.00	1.00	0.00
10.26	20.66	2.00	0.00	1.00	0.00	10.27	18.54	2.00	0.00	1.00	0.00
10.28	18.50	2.00	0.00	1.00	0.00	10.29	18.87	2.00	0.00	1.00	0.00
10.30	19.03	2.00	0.00	1.00	0.00	10.31	20.47	2.00	0.00	1.00	0.00
10.32	19.14	2.00	0.00	1.00	0.00	10.33	21.35	2.00	0.00	1.00	0.00
10.34	21.59	2.00	0.00	1.00	0.00	10.35	19.16	2.00	0.00	1.00	0.00
10.36	20.96	2.00	0.00	1.00	0.00	10.37	18.86	2.00	0.00	1.00	0.00
10.38	20.14	2.00	0.00	1.00	0.00	10.39	18.71	2.00	0.00	1.00	0.00
10.40	19.84	2.00	0.00	1.00	0.00	10.41	20.80	2.00	0.00	1.00	0.00
10.42	17.82	2.00	0.00	1.00	0.00	10.43	18.41	2.00	0.00	1.00	0.00
10.44	17.78	2.00	0.00	1.00	0.00	10.45	17.47	2.00	0.00	1.00	0.00
10.46	18.85	2.00	0.00	1.00	0.00	10.47	17.60	2.00	0.00	1.00	0.00
10.48	17.93	2.00	0.00	1.00	0.00	10.49	19.14	2.00	0.00	1.00	0.00
10.50	17.39	2.00	0.00	1.00	0.00	10.51	19.34	2.00	0.00	1.00	0.00
10.52	19.73	2.00	0.00	1.00	0.00	10.53	18.53	2.00	0.00	1.00	0.00
10.54	20.33	2.00	0.00	1.00	0.00	10.55	20.81	2.00	0.00	1.00	0.00
10.56	20.95	2.00	0.00	1.00	0.00	10.57	20.99	2.00	0.00	1.00	0.00
10.58	21.12	2.00	0.00	1.00	0.00	10.59	18.74	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	20.97	2.00	0.00	1.00	0.00	10.61	18.37	2.00	0.00	1.00	0.00
10.62	19.17	2.00	0.00	1.00	0.00	10.63	19.04	2.00	0.00	1.00	0.00
10.64	20.56	2.00	0.00	1.00	0.00	10.65	22.02	2.00	0.00	1.00	0.00
10.66	19.33	2.00	0.00	1.00	0.00	10.67	20.20	2.00	0.00	1.00	0.00
10.68	19.16	2.00	0.00	1.00	0.00	10.69	20.67	2.00	0.00	1.00	0.00
10.70	21.78	2.00	0.00	1.00	0.00	10.71	20.70	2.00	0.00	1.00	0.00
10.72	21.44	2.00	0.00	1.00	0.00	10.73	18.49	2.00	0.00	1.00	0.00
10.74	20.53	2.00	0.00	1.00	0.00	10.75	17.43	2.00	0.00	1.00	0.00
10.76	19.26	2.00	0.00	1.00	0.00	10.77	16.82	2.00	0.00	1.00	0.00
10.78	17.16	2.00	0.00	1.00	0.00	10.79	17.76	2.00	0.00	1.00	0.00
10.80	16.67	2.00	0.00	1.00	0.00	10.81	19.15	2.00	0.00	1.00	0.00
10.82	16.90	2.00	0.00	1.00	0.00	10.83	18.60	2.00	0.00	1.00	0.00
10.84	18.61	2.00	0.00	1.00	0.00	10.85	18.36	2.00	0.00	1.00	0.00
10.86	15.91	2.00	0.00	1.00	0.00	10.87	17.36	2.00	0.00	1.00	0.00
10.88	16.30	2.00	0.00	1.00	0.00	10.89	18.90	2.00	0.00	1.00	0.00
10.90	19.33	2.00	0.00	1.00	0.00	10.91	18.45	2.00	0.00	1.00	0.00
10.92	16.73	2.00	0.00	1.00	0.00	10.93	18.87	2.00	0.00	1.00	0.00
10.94	20.36	2.00	0.00	1.00	0.00	10.95	20.52	2.00	0.00	1.00	0.00
10.96	20.95	2.00	0.00	1.00	0.00	10.97	21.29	2.00	0.00	1.00	0.00
10.98	18.06	2.00	0.00	1.00	0.00	10.99	17.83	2.00	0.00	1.00	0.00
11.00	20.92	2.00	0.00	1.00	0.00	11.01	20.57	2.00	0.00	1.00	0.00
11.02	20.32	2.00	0.00	1.00	0.00	11.03	20.48	2.00	0.00	1.00	0.00
11.04	19.55	2.00	0.00	1.00	0.00	11.05	20.18	2.00	0.00	1.00	0.00
11.06	16.38	2.00	0.00	1.00	0.00	11.07	19.36	2.00	0.00	1.00	0.00
11.08	18.30	2.00	0.00	1.00	0.00	11.09	19.34	2.00	0.00	1.00	0.00
11.10	17.96	2.00	0.00	1.00	0.00	11.11	19.03	2.00	0.00	1.00	0.00
11.12	19.48	2.00	0.00	1.00	0.00	11.13	17.45	2.00	0.00	1.00	0.00
11.14	17.08	2.00	0.00	1.00	0.00	11.15	16.61	2.00	0.00	1.00	0.00
11.16	18.86	2.00	0.00	1.00	0.00	11.17	18.63	2.00	0.00	1.00	0.00
11.18	16.49	2.00	0.00	1.00	0.00	11.19	19.02	2.00	0.00	1.00	0.00
11.20	17.02	2.00	0.00	1.00	0.00	11.21	19.00	2.00	0.00	1.00	0.00
11.22	17.03	2.00	0.00	1.00	0.00	11.23	15.03	2.00	0.00	1.00	0.00
11.24	18.66	2.00	0.00	1.00	0.00	11.25	16.21	2.00	0.00	1.00	0.00
11.26	16.13	2.00	0.00	1.00	0.00	11.27	18.30	2.00	0.00	1.00	0.00
11.28	17.62	2.00	0.00	1.00	0.00	11.29	17.63	2.00	0.00	1.00	0.00
11.30	17.86	2.00	0.00	1.00	0.00	11.31	16.11	2.00	0.00	1.00	0.00
11.32	15.86	2.00	0.00	1.00	0.00	11.33	18.98	2.00	0.00	1.00	0.00
11.34	17.99	2.00	0.00	1.00	0.00	11.35	16.48	2.00	0.00	1.00	0.00
11.36	19.37	2.00	0.00	1.00	0.00	11.37	19.56	2.00	0.00	1.00	0.00
11.38	16.50	2.00	0.00	1.00	0.00	11.39	17.23	2.00	0.00	1.00	0.00
11.40	19.09	2.00	0.00	1.00	0.00	11.41	16.62	2.00	0.00	1.00	0.00
11.42	16.56	2.00	0.00	1.00	0.00	11.43	16.34	2.00	0.00	1.00	0.00
11.44	17.78	2.00	0.00	1.00	0.00	11.45	15.66	2.00	0.00	1.00	0.00
11.46	18.61	2.00	0.00	1.00	0.00	11.47	16.63	2.00	0.00	1.00	0.00
11.48	15.72	2.00	0.00	1.00	0.00	11.49	17.11	2.00	0.00	1.00	0.00
11.50	16.82	2.00	0.00	1.00	0.00	11.51	15.30	2.00	0.00	1.00	0.00
11.52	14.48	2.00	0.00	1.00	0.00	11.53	18.33	2.00	0.00	1.00	0.00
11.54	15.23	2.00	0.00	1.00	0.00	11.55	14.63	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	14.41	2.00	0.00	1.00	0.00	11.57	16.36	2.00	0.00	1.00	0.00
11.58	16.70	2.00	0.00	1.00	0.00	11.59	16.62	2.00	0.00	1.00	0.00
11.60	13.62	2.00	0.00	1.00	0.00	11.61	15.95	2.00	0.00	1.00	0.00
11.62	12.78	2.00	0.00	1.00	0.00	11.63	15.95	2.00	0.00	1.00	0.00
11.64	16.04	2.00	0.00	1.00	0.00	11.65	12.40	2.00	0.00	1.00	0.00
11.66	12.73	2.00	0.00	1.00	0.00	11.67	15.87	2.00	0.00	1.00	0.00
11.68	13.16	2.00	0.00	1.00	0.00	11.69	12.43	2.00	0.00	1.00	0.00
11.70	15.87	2.00	0.00	1.00	0.00	11.71	15.33	2.00	0.00	1.00	0.00
11.72	13.32	2.00	0.00	1.00	0.00	11.73	14.44	2.00	0.00	1.00	0.00
11.74	11.71	2.00	0.00	1.00	0.00	11.75	15.36	2.00	0.00	1.00	0.00
11.76	15.59	2.00	0.00	1.00	0.00	11.77	12.58	2.00	0.00	1.00	0.00
11.78	13.00	2.00	0.00	1.00	0.00	11.79	14.19	2.00	0.00	1.00	0.00
11.80	15.77	2.00	0.00	1.00	0.00	11.81	14.62	2.00	0.00	1.00	0.00
11.82	13.23	2.00	0.00	1.00	0.00	11.83	16.16	2.00	0.00	1.00	0.00
11.84	15.85	2.00	0.00	1.00	0.00	11.85	13.47	2.00	0.00	1.00	0.00
11.86	16.63	2.00	0.00	1.00	0.00	11.87	16.88	2.00	0.00	1.00	0.00
11.88	14.80	2.00	0.00	1.00	0.00	11.89	14.23	2.00	0.00	1.00	0.00
11.90	14.08	2.00	0.00	1.00	0.00	11.91	17.28	2.00	0.00	1.00	0.00
11.92	17.32	2.00	0.00	1.00	0.00	11.93	17.22	2.00	0.00	1.00	0.00
11.94	17.03	2.00	0.00	1.00	0.00	11.95	15.35	2.00	0.00	1.00	0.00
11.96	16.75	2.00	0.00	1.00	0.00	11.97	16.52	2.00	0.00	1.00	0.00
11.98	17.85	2.00	0.00	1.00	0.00	11.99	15.04	2.00	0.00	1.00	0.00
12.00	16.07	2.00	0.00	1.00	0.00	12.01	15.65	2.00	0.00	1.00	0.00
12.02	14.74	2.00	0.00	1.00	0.00	12.03	17.27	2.00	0.00	1.00	0.00
12.04	16.99	2.00	0.00	1.00	0.00	12.05	16.91	2.00	0.00	1.00	0.00
12.06	13.42	2.00	0.00	1.00	0.00	12.07	13.15	2.00	0.00	1.00	0.00
12.08	13.33	2.00	0.00	1.00	0.00	12.09	16.46	2.00	0.00	1.00	0.00
12.10	16.45	2.00	0.00	1.00	0.00	12.11	14.53	2.00	0.00	1.00	0.00
12.12	16.30	2.00	0.00	1.00	0.00	12.13	16.36	2.00	0.00	1.00	0.00
12.14	16.35	2.00	0.00	1.00	0.00	12.15	15.38	2.00	0.00	1.00	0.00
12.16	16.01	2.00	0.00	1.00	0.00	12.17	13.52	2.00	0.00	1.00	0.00
12.18	15.88	2.00	0.00	1.00	0.00	12.19	16.13	2.00	0.00	1.00	0.00
12.20	16.05	2.00	0.00	1.00	0.00	12.21	12.99	2.00	0.00	1.00	0.00
12.22	13.65	2.00	0.00	1.00	0.00	12.23	16.26	2.00	0.00	1.00	0.00
12.24	13.89	2.00	0.00	1.00	0.00	12.25	13.81	2.00	0.00	1.00	0.00
12.26	16.78	2.00	0.00	1.00	0.00	12.27	13.46	2.00	0.00	1.00	0.00
12.28	16.68	2.00	0.00	1.00	0.00	12.29	13.40	2.00	0.00	1.00	0.00
12.30	13.42	2.00	0.00	1.00	0.00	12.31	16.47	2.00	0.00	1.00	0.00
12.32	13.38	2.00	0.00	1.00	0.00	12.33	14.90	2.00	0.00	1.00	0.00
12.34	13.43	2.00	0.00	1.00	0.00	12.35	16.28	2.00	0.00	1.00	0.00
12.36	15.93	2.00	0.00	1.00	0.00	12.37	12.78	2.00	0.00	1.00	0.00
12.38	15.05	2.00	0.00	1.00	0.00	12.39	14.77	2.00	0.00	1.00	0.00
12.40	16.05	2.00	0.00	1.00	0.00	12.41	13.02	2.00	0.00	1.00	0.00
12.42	13.77	2.00	0.00	1.00	0.00	12.43	15.15	2.00	0.00	1.00	0.00
12.44	16.00	2.00	0.00	1.00	0.00	12.45	12.97	2.00	0.00	1.00	0.00
12.46	15.92	2.00	0.00	1.00	0.00	12.47	13.39	2.00	0.00	1.00	0.00
12.48	12.34	2.00	0.00	1.00	0.00	12.49	13.15	2.00	0.00	1.00	0.00
12.50	14.05	2.00	0.00	1.00	0.00	12.51	12.14	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	12.68	2.00	0.00	1.00	0.00	12.53	14.42	2.00	0.00	1.00	0.00
12.54	11.47	2.00	0.00	1.00	0.00	12.55	13.59	2.00	0.00	1.00	0.00
12.56	10.85	2.00	0.00	1.00	0.00	12.57	13.55	2.00	0.00	1.00	0.00
12.58	11.18	2.00	0.00	1.00	0.00	12.59	10.61	2.00	0.00	1.00	0.00
12.60	10.62	2.00	0.00	1.00	0.00	12.61	13.28	2.00	0.00	1.00	0.00
12.62	12.94	2.00	0.00	1.00	0.00	12.63	10.81	2.00	0.00	1.00	0.00
12.64	9.75	2.00	0.00	1.00	0.00	12.65	12.51	2.00	0.00	1.00	0.00
12.66	10.05	2.00	0.00	1.00	0.00	12.67	8.85	2.00	0.00	1.00	0.00
12.68	11.96	2.00	0.00	1.00	0.00	12.69	9.59	2.00	0.00	1.00	0.00
12.70	9.00	2.00	0.00	1.00	0.00	12.71	12.28	2.00	0.00	1.00	0.00
12.72	12.27	2.00	0.00	1.00	0.00	12.73	10.96	2.00	0.00	1.00	0.00
12.74	12.30	2.00	0.00	1.00	0.00	12.75	13.17	2.00	0.00	1.00	0.00
12.76	13.30	2.00	0.00	1.00	0.00	12.77	10.56	2.00	0.00	1.00	0.00
12.78	13.24	2.00	0.00	1.00	0.00	12.79	14.13	2.00	0.00	1.00	0.00
12.80	13.99	2.00	0.00	1.00	0.00	12.81	11.30	2.00	0.00	1.00	0.00
12.82	13.69	2.00	0.00	1.00	0.00	12.83	13.86	2.00	0.00	1.00	0.00
12.84	13.85	2.00	0.00	1.00	0.00	12.85	11.30	2.00	0.00	1.00	0.00
12.86	12.57	2.00	0.00	1.00	0.00	12.87	12.97	2.00	0.00	1.00	0.00
12.88	13.32	2.00	0.00	1.00	0.00	12.89	11.55	2.00	0.00	1.00	0.00
12.90	10.88	2.00	0.00	1.00	0.00	12.91	11.25	2.00	0.00	1.00	0.00
12.92	10.98	2.00	0.00	1.00	0.00	12.93	11.00	2.00	0.00	1.00	0.00
12.94	12.57	2.00	0.00	1.00	0.00	12.95	10.45	2.00	0.00	1.00	0.00
12.96	9.78	2.00	0.00	1.00	0.00	12.97	13.18	2.00	0.00	1.00	0.00
12.98	13.04	2.00	0.00	1.00	0.00	12.99	13.12	2.00	0.00	1.00	0.00
13.00	10.96	2.00	0.00	1.00	0.00	13.01	13.28	2.00	0.00	1.00	0.00
13.02	13.01	2.00	0.00	1.00	0.00	13.03	10.94	2.00	0.00	1.00	0.00
13.04	13.27	2.00	0.00	1.00	0.00	13.05	13.08	2.00	0.00	1.00	0.00
13.06	12.52	2.00	0.00	1.00	0.00	13.07	12.34	2.00	0.00	1.00	0.00
13.08	13.68	2.00	0.00	1.00	0.00	13.09	13.43	2.00	0.00	1.00	0.00
13.10	10.47	2.00	0.00	1.00	0.00	13.11	10.75	2.00	0.00	1.00	0.00
13.12	11.92	2.00	0.00	1.00	0.00	13.13	13.32	2.00	0.00	1.00	0.00
13.14	11.07	2.00	0.00	1.00	0.00	13.15	10.38	2.00	0.00	1.00	0.00
13.16	11.50	2.00	0.00	1.00	0.00	13.17	9.77	2.00	0.00	1.00	0.00
13.18	12.39	2.00	0.00	1.00	0.00	13.19	10.14	2.00	0.00	1.00	0.00
13.20	9.76	2.00	0.00	1.00	0.00	13.21	12.77	2.00	0.00	1.00	0.00
13.22	10.06	2.00	0.00	1.00	0.00	13.23	9.50	2.00	0.00	1.00	0.00
13.24	9.61	2.00	0.00	1.00	0.00	13.25	12.70	2.00	0.00	1.00	0.00
13.26	12.92	2.00	0.00	1.00	0.00	13.27	10.56	2.00	0.00	1.00	0.00
13.28	12.82	2.00	0.00	1.00	0.00	13.29	13.01	2.00	0.00	1.00	0.00
13.30	10.81	2.00	0.00	1.00	0.00	13.31	9.64	2.00	0.00	1.00	0.00
13.32	12.00	2.00	0.00	1.00	0.00	13.33	10.38	2.00	0.00	1.00	0.00
13.34	10.16	2.00	0.00	1.00	0.00	13.35	13.21	2.00	0.00	1.00	0.00
13.36	10.98	2.00	0.00	1.00	0.00	13.37	10.73	2.00	0.00	1.00	0.00
13.38	13.59	2.00	0.00	1.00	0.00	13.39	12.60	2.00	0.00	1.00	0.00
13.40	10.67	2.00	0.00	1.00	0.00	13.41	13.68	2.00	0.00	1.00	0.00
13.42	10.79	2.00	0.00	1.00	0.00	13.43	13.89	2.00	0.00	1.00	0.00
13.44	11.92	2.00	0.00	1.00	0.00	13.45	13.85	2.00	0.00	1.00	0.00
13.46	10.99	2.00	0.00	1.00	0.00	13.47	14.80	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	15.38	2.00	0.00	1.00	0.00	13.49	13.15	2.00	0.00	1.00	0.00
13.50	12.13	2.00	0.00	1.00	0.00	13.51	14.99	2.00	0.00	1.00	0.00
13.52	11.98	2.00	0.00	1.00	0.00	13.53	11.31	2.00	0.00	1.00	0.00
13.54	13.45	2.00	0.00	1.00	0.00	13.55	11.67	2.00	0.00	1.00	0.00
13.56	12.96	2.00	0.00	1.00	0.00	13.57	14.28	2.00	0.00	1.00	0.00
13.58	12.17	2.00	0.00	1.00	0.00	13.59	14.03	2.00	0.00	1.00	0.00
13.60	14.50	2.00	0.00	1.00	0.00	13.61	12.09	2.00	0.00	1.00	0.00
13.62	11.91	2.00	0.00	1.00	0.00	13.63	11.97	2.00	0.00	1.00	0.00
13.64	12.09	2.00	0.00	1.00	0.00	13.65	14.70	2.00	0.00	1.00	0.00
13.66	14.93	2.00	0.00	1.00	0.00	13.67	14.97	2.00	0.00	1.00	0.00
13.68	13.84	2.00	0.00	1.00	0.00	13.69	15.17	2.00	0.00	1.00	0.00
13.70	14.95	2.00	0.00	1.00	0.00	13.71	12.10	2.00	0.00	1.00	0.00
13.72	15.00	2.00	0.00	1.00	0.00	13.73	15.36	2.00	0.00	1.00	0.00
13.74	15.29	2.00	0.00	1.00	0.00	13.75	12.49	2.00	0.00	1.00	0.00
13.76	12.80	2.00	0.00	1.00	0.00	13.77	12.63	2.00	0.00	1.00	0.00
13.78	15.37	2.00	0.00	1.00	0.00	13.79	15.67	2.00	0.00	1.00	0.00
13.80	15.12	2.00	0.00	1.00	0.00	13.81	12.67	2.00	0.00	1.00	0.00
13.82	14.87	2.00	0.00	1.00	0.00	13.83	14.14	2.00	0.00	1.00	0.00
13.84	11.75	2.00	0.00	1.00	0.00	13.85	11.34	2.00	0.00	1.00	0.00
13.86	14.12	2.00	0.00	1.00	0.00	13.87	14.00	2.00	0.00	1.00	0.00
13.88	13.64	2.00	0.00	1.00	0.00	13.89	13.61	2.00	0.00	1.00	0.00
13.90	13.58	2.00	0.00	1.00	0.00	13.91	11.24	2.00	0.00	1.00	0.00
13.92	11.24	2.00	0.00	1.00	0.00	13.93	12.28	2.00	0.00	1.00	0.00
13.94	11.40	2.00	0.00	1.00	0.00	13.95	13.17	2.00	0.00	1.00	0.00
13.96	12.95	2.00	0.00	1.00	0.00	13.97	12.11	2.00	0.00	1.00	0.00
13.98	10.61	2.00	0.00	1.00	0.00	13.99	12.08	2.00	0.00	1.00	0.00
14.00	12.33	2.00	0.00	1.00	0.00	14.01	9.34	2.00	0.00	1.00	0.00
14.02	9.45	2.00	0.00	1.00	0.00	14.03	9.40	2.00	0.00	1.00	0.00
14.04	11.92	2.00	0.00	1.00	0.00	14.05	11.75	2.00	0.00	1.00	0.00
14.06	11.53	2.00	0.00	1.00	0.00	14.07	8.68	2.00	0.00	1.00	0.00
14.08	11.46	2.00	0.00	1.00	0.00	14.09	12.13	2.00	0.00	1.00	0.00
14.10	10.28	2.00	0.00	1.00	0.00	14.11	12.95	2.00	0.00	1.00	0.00
14.12	11.38	2.00	0.00	1.00	0.00	14.13	10.78	2.00	0.00	1.00	0.00
14.14	13.65	2.00	0.00	1.00	0.00	14.15	12.42	2.00	0.00	1.00	0.00
14.16	12.37	2.00	0.00	1.00	0.00	14.17	12.01	2.00	0.00	1.00	0.00
14.18	14.65	2.00	0.00	1.00	0.00	14.19	13.65	2.00	0.00	1.00	0.00
14.20	11.72	2.00	0.00	1.00	0.00	14.21	13.30	2.00	0.00	1.00	0.00
14.22	12.28	2.00	0.00	1.00	0.00	14.23	15.17	2.00	0.00	1.00	0.00
14.24	14.70	2.00	0.00	1.00	0.00	14.25	15.55	2.00	0.00	1.00	0.00
14.26	13.67	2.00	0.00	1.00	0.00	14.27	13.07	2.00	0.00	1.00	0.00
14.28	15.79	2.00	0.00	1.00	0.00	14.29	15.68	2.00	0.00	1.00	0.00
14.30	15.42	2.00	0.00	1.00	0.00	14.31	13.77	2.00	0.00	1.00	0.00
14.32	14.27	2.00	0.00	1.00	0.00	14.33	15.14	2.00	0.00	1.00	0.00
14.34	14.84	2.00	0.00	1.00	0.00	14.35	11.87	2.00	0.00	1.00	0.00
14.36	13.93	2.00	0.00	1.00	0.00	14.37	14.68	2.00	0.00	1.00	0.00
14.38	11.63	2.00	0.00	1.00	0.00	14.39	12.42	2.00	0.00	1.00	0.00
14.40	14.15	2.00	0.00	1.00	0.00	14.41	11.26	2.00	0.00	1.00	0.00
14.42	11.19	2.00	0.00	1.00	0.00	14.43	10.85	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	10.74	2.00	0.00	1.00	0.00	14.45	13.83	2.00	0.00	1.00	0.00
14.46	13.87	2.00	0.00	1.00	0.00	14.47	11.75	2.00	0.00	1.00	0.00
14.48	11.16	2.00	0.00	1.00	0.00	14.49	13.54	2.00	0.00	1.00	0.00
14.50	12.55	2.00	0.00	1.00	0.00	14.51	11.08	2.00	0.00	1.00	0.00
14.52	13.60	2.00	0.00	1.00	0.00	14.53	13.74	2.00	0.00	1.00	0.00
14.54	12.80	2.00	0.00	1.00	0.00	14.55	11.40	2.00	0.00	1.00	0.00
14.56	12.14	2.00	0.00	1.00	0.00	14.57	12.45	2.00	0.00	1.00	0.00
14.58	13.38	2.00	0.00	1.00	0.00	14.59	12.21	2.00	0.00	1.00	0.00
14.60	11.58	2.00	0.00	1.00	0.00	14.61	11.70	2.00	0.00	1.00	0.00
14.62	14.65	2.00	0.00	1.00	0.00	14.63	11.73	2.00	0.00	1.00	0.00
14.64	14.97	2.00	0.00	1.00	0.00	14.65	14.63	2.00	0.00	1.00	0.00
14.66	15.77	2.00	0.00	1.00	0.00	14.67	13.56	2.00	0.00	1.00	0.00
14.68	12.95	2.00	0.00	1.00	0.00	14.69	13.38	2.00	0.00	1.00	0.00
14.70	16.85	2.00	0.00	1.00	0.00	14.71	17.75	2.00	0.00	1.00	0.00
14.72	18.76	2.00	0.00	1.00	0.00	14.73	17.13	2.00	0.00	1.00	0.00
14.74	19.87	2.00	0.00	1.00	0.00	14.75	18.72	2.00	0.00	1.00	0.00
14.76	17.59	2.00	0.00	1.00	0.00	14.77	17.38	2.00	0.00	1.00	0.00
14.78	19.21	2.00	0.00	1.00	0.00	14.79	17.80	2.00	0.00	1.00	0.00
14.80	17.21	2.00	0.00	1.00	0.00	14.81	16.98	2.00	0.00	1.00	0.00
14.82	19.58	2.00	0.00	1.00	0.00	14.83	18.43	2.00	0.00	1.00	0.00
14.84	18.24	2.00	0.00	1.00	0.00	14.85	18.66	2.00	0.00	1.00	0.00
14.86	19.42	2.00	0.00	1.00	0.00	14.87	16.25	2.00	0.00	1.00	0.00
14.88	17.40	2.00	0.00	1.00	0.00	14.89	18.92	2.00	0.00	1.00	0.00
14.90	18.96	2.00	0.00	1.00	0.00	14.91	9.40	2.00	0.00	1.00	0.00
14.92	17.89	2.00	0.00	1.00	0.00	14.93	18.15	2.00	0.00	1.00	0.00
14.94	18.18	2.00	0.00	1.00	0.00	14.95	17.84	2.00	0.00	1.00	0.00
14.96	15.14	2.00	0.00	1.00	0.00	14.97	14.89	2.00	0.00	1.00	0.00
14.98	14.92	2.00	0.00	1.00	0.00	14.99	17.36	2.00	0.00	1.00	0.00
15.00	14.91	2.00	0.00	1.00	0.00	15.01	14.47	2.00	0.00	1.00	0.00
15.02	16.56	2.00	0.00	1.00	0.00	15.03	15.32	2.00	0.00	1.00	0.00
15.04	14.48	2.00	0.00	1.00	0.00	15.05	16.42	2.00	0.00	1.00	0.00
15.06	17.64	2.00	0.00	1.00	0.00	15.07	15.26	2.00	0.00	1.00	0.00
15.08	14.90	2.00	0.00	1.00	0.00	15.09	17.50	2.00	0.00	1.00	0.00
15.10	17.94	2.00	0.00	1.00	0.00	15.11	15.11	2.00	0.00	1.00	0.00
15.12	18.09	2.00	0.00	1.00	0.00	15.13	17.18	2.00	0.00	1.00	0.00
15.14	15.58	2.00	0.00	1.00	0.00	15.15	17.98	2.00	0.00	1.00	0.00
15.16	16.26	2.00	0.00	1.00	0.00	15.17	15.76	2.00	0.00	1.00	0.00
15.18	15.59	2.00	0.00	1.00	0.00	15.19	17.20	2.00	0.00	1.00	0.00
15.20	15.68	2.00	0.00	1.00	0.00	15.21	15.58	2.00	0.00	1.00	0.00
15.22	15.99	2.00	0.00	1.00	0.00	15.23	17.60	2.00	0.00	1.00	0.00
15.24	15.92	2.00	0.00	1.00	0.00	15.25	15.49	2.00	0.00	1.00	0.00
15.26	18.11	2.00	0.00	1.00	0.00	15.27	16.98	2.00	0.00	1.00	0.00
15.28	14.94	2.00	0.00	1.00	0.00	15.29	17.33	2.00	0.00	1.00	0.00
15.30	14.83	2.00	0.00	1.00	0.00	15.31	16.50	2.00	0.00	1.00	0.00
15.32	16.92	2.00	0.00	1.00	0.00	15.33	14.83	2.00	0.00	1.00	0.00
15.34	16.89	2.00	0.00	1.00	0.00	15.35	16.48	2.00	0.00	1.00	0.00
15.36	14.44	2.00	0.00	1.00	0.00	15.37	14.30	2.00	0.00	1.00	0.00
15.38	15.83	2.00	0.00	1.00	0.00	15.39	13.80	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	16.87	2.00	0.00	1.00	0.00	15.41	15.12	2.00	0.00	1.00	0.00
15.42	16.57	2.00	0.00	1.00	0.00	15.43	14.32	2.00	0.00	1.00	0.00
15.44	14.76	2.00	0.00	1.00	0.00	15.45	16.29	2.00	0.00	1.00	0.00
15.46	13.62	2.00	0.00	1.00	0.00	15.47	13.43	2.00	0.00	1.00	0.00
15.48	14.80	2.00	0.00	1.00	0.00	15.49	16.04	2.00	0.00	1.00	0.00
15.50	15.71	2.00	0.00	1.00	0.00	15.51	14.32	2.00	0.00	1.00	0.00
15.52	15.92	2.00	0.00	1.00	0.00	15.53	17.02	2.00	0.00	1.00	0.00
15.54	14.54	2.00	0.00	1.00	0.00	15.55	17.23	2.00	0.00	1.00	0.00
15.56	14.57	2.00	0.00	1.00	0.00	15.57	17.22	2.00	0.00	1.00	0.00
15.58	17.57	2.00	0.00	1.00	0.00	15.59	16.18	2.00	0.00	1.00	0.00
15.60	17.92	2.00	0.00	1.00	0.00	15.61	18.11	2.00	0.00	1.00	0.00
15.62	18.03	2.00	0.00	1.00	0.00	15.63	15.97	2.00	0.00	1.00	0.00
15.64	18.31	2.00	0.00	1.00	0.00	15.65	18.43	2.00	0.00	1.00	0.00
15.66	15.81	2.00	0.00	1.00	0.00	15.67	17.71	2.00	0.00	1.00	0.00
15.68	15.80	2.00	0.00	1.00	0.00	15.69	15.91	2.00	0.00	1.00	0.00
15.70	18.57	2.00	0.00	1.00	0.00	15.71	18.48	2.00	0.00	1.00	0.00
15.72	15.57	2.00	0.00	1.00	0.00	15.73	15.55	2.00	0.00	1.00	0.00
15.74	15.54	2.00	0.00	1.00	0.00	15.75	15.73	2.00	0.00	1.00	0.00
15.76	18.55	2.00	0.00	1.00	0.00	15.77	18.62	2.00	0.00	1.00	0.00
15.78	16.75	2.00	0.00	1.00	0.00	15.79	16.84	2.00	0.00	1.00	0.00
15.80	18.42	2.00	0.00	1.00	0.00	15.81	17.03	2.00	0.00	1.00	0.00
15.82	17.84	2.00	0.00	1.00	0.00	15.83	19.41	2.00	0.00	1.00	0.00
15.84	19.57	2.00	0.00	1.00	0.00	15.85	17.40	2.00	0.00	1.00	0.00
15.86	17.40	2.00	0.00	1.00	0.00	15.87	17.89	2.00	0.00	1.00	0.00
15.88	19.14	2.00	0.00	1.00	0.00	15.89	18.77	2.00	0.00	1.00	0.00
15.90	18.58	2.00	0.00	1.00	0.00	15.91	15.73	2.00	0.00	1.00	0.00
15.92	16.64	2.00	0.00	1.00	0.00	15.93	17.85	2.00	0.00	1.00	0.00
15.94	18.02	2.00	0.00	1.00	0.00	15.95	15.73	2.00	0.00	1.00	0.00
15.96	15.80	2.00	0.00	1.00	0.00	15.97	15.50	2.00	0.00	1.00	0.00
15.98	15.17	2.00	0.00	1.00	0.00	15.99	17.94	2.00	0.00	1.00	0.00
16.00	16.03	2.00	0.00	1.00	0.00	16.01	15.04	2.00	0.00	1.00	0.00
16.02	17.62	2.00	0.00	1.00	0.00	16.03	17.38	2.00	0.00	1.00	0.00
16.04	15.18	2.00	0.00	1.00	0.00	16.05	17.68	2.00	0.00	1.00	0.00
16.06	15.30	2.00	0.00	1.00	0.00	16.07	17.49	2.00	0.00	1.00	0.00
16.08	15.02	2.00	0.00	1.00	0.00	16.09	17.95	2.00	0.00	1.00	0.00
16.10	15.40	2.00	0.00	1.00	0.00	16.11	17.01	2.00	0.00	1.00	0.00
16.12	15.37	2.00	0.00	1.00	0.00	16.13	18.18	2.00	0.00	1.00	0.00
16.14	18.47	2.00	0.00	1.00	0.00	16.15	16.29	2.00	0.00	1.00	0.00
16.16	18.50	2.00	0.00	1.00	0.00	16.17	16.30	2.00	0.00	1.00	0.00
16.18	19.59	2.00	0.00	1.00	0.00	16.19	17.57	2.00	0.00	1.00	0.00
16.20	19.64	2.00	0.00	1.00	0.00	16.21	17.30	2.00	0.00	1.00	0.00
16.22	19.95	2.00	0.00	1.00	0.00	16.23	20.81	2.00	0.00	1.00	0.00
16.24	18.46	2.00	0.00	1.00	0.00	16.25	18.08	2.00	0.00	1.00	0.00
16.26	20.28	2.00	0.00	1.00	0.00	16.27	20.64	2.00	0.00	1.00	0.00
16.28	20.38	2.00	0.00	1.00	0.00	16.29	18.84	2.00	0.00	1.00	0.00
16.30	20.15	2.00	0.00	1.00	0.00	16.31	19.85	2.00	0.00	1.00	0.00
16.32	17.15	2.00	0.00	1.00	0.00	16.33	16.75	2.00	0.00	1.00	0.00
16.34	18.98	2.00	0.00	1.00	0.00	16.35	16.50	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	15.71	2.00	0.00	1.00	0.00	16.37	17.31	2.00	0.00	1.00	0.00
16.38	17.72	2.00	0.00	1.00	0.00	16.39	15.09	2.00	0.00	1.00	0.00
16.40	13.93	2.00	0.00	1.00	0.00	16.41	15.86	2.00	0.00	1.00	0.00
16.42	16.16	2.00	0.00	1.00	0.00	16.43	13.62	2.00	0.00	1.00	0.00
16.44	15.82	2.00	0.00	1.00	0.00	16.45	15.89	2.00	0.00	1.00	0.00
16.46	16.12	2.00	0.00	1.00	0.00	16.47	14.11	2.00	0.00	1.00	0.00
16.48	13.62	2.00	0.00	1.00	0.00	16.49	16.78	2.00	0.00	1.00	0.00
16.50	15.38	2.00	0.00	1.00	0.00	16.51	14.98	2.00	0.00	1.00	0.00
16.52	14.80	2.00	0.00	1.00	0.00	16.53	14.87	2.00	0.00	1.00	0.00
16.54	17.61	2.00	0.00	1.00	0.00	16.55	15.29	2.00	0.00	1.00	0.00
16.56	17.87	2.00	0.00	1.00	0.00	16.57	18.19	2.00	0.00	1.00	0.00
16.58	18.30	2.00	0.00	1.00	0.00	16.59	16.00	2.00	0.00	1.00	0.00
16.60	18.33	2.00	0.00	1.00	0.00	16.61	18.52	2.00	0.00	1.00	0.00
16.62	18.55	2.00	0.00	1.00	0.00	16.63	17.71	2.00	0.00	1.00	0.00
16.64	17.35	2.00	0.00	1.00	0.00	16.65	18.34	2.00	0.00	1.00	0.00
16.66	18.56	2.00	0.00	1.00	0.00	16.67	18.90	2.00	0.00	1.00	0.00
16.68	19.31	2.00	0.00	1.00	0.00	16.69	18.46	2.00	0.00	1.00	0.00
16.70	19.79	2.00	0.00	1.00	0.00	16.71	19.79	2.00	0.00	1.00	0.00
16.72	17.28	2.00	0.00	1.00	0.00	16.73	18.88	2.00	0.00	1.00	0.00
16.74	20.08	2.00	0.00	1.00	0.00	16.75	17.30	2.00	0.00	1.00	0.00
16.76	17.47	2.00	0.00	1.00	0.00	16.77	17.46	2.00	0.00	1.00	0.00
16.78	17.47	2.00	0.00	1.00	0.00	16.79	18.63	2.00	0.00	1.00	0.00
16.80	20.23	2.00	0.00	1.00	0.00	16.81	18.03	2.00	0.00	1.00	0.00
16.82	18.34	2.00	0.00	1.00	0.00	16.83	17.77	2.00	0.00	1.00	0.00
16.84	17.65	2.00	0.00	1.00	0.00	16.85	18.14	2.00	0.00	1.00	0.00
16.86	18.37	2.00	0.00	1.00	0.00	16.87	18.67	2.00	0.00	1.00	0.00
16.88	18.91	2.00	0.00	1.00	0.00	16.89	19.45	2.00	0.00	1.00	0.00
16.90	18.43	2.00	0.00	1.00	0.00	16.91	18.58	2.00	0.00	1.00	0.00
16.92	18.56	2.00	0.00	1.00	0.00	16.93	11.23	2.00	0.00	1.00	0.00
16.94	20.94	2.00	0.00	1.00	0.00	16.95	19.25	2.00	0.00	1.00	0.00
16.96	19.53	2.00	0.00	1.00	0.00	16.97	19.45	2.00	0.00	1.00	0.00
16.98	18.75	2.00	0.00	1.00	0.00	16.99	19.58	2.00	0.00	1.00	0.00
17.00	21.17	2.00	0.00	1.00	0.00	17.01	20.78	2.00	0.00	1.00	0.00
17.02	17.76	2.00	0.00	1.00	0.00	17.03	20.25	2.00	0.00	1.00	0.00
17.04	20.03	2.00	0.00	1.00	0.00	17.05	18.52	2.00	0.00	1.00	0.00
17.06	17.17	2.00	0.00	1.00	0.00	17.07	18.53	2.00	0.00	1.00	0.00
17.08	17.30	2.00	0.00	1.00	0.00	17.09	19.97	2.00	0.00	1.00	0.00
17.10	17.74	2.00	0.00	1.00	0.00	17.11	20.27	2.00	0.00	1.00	0.00
17.12	20.05	2.00	0.00	1.00	0.00	17.13	20.56	2.00	0.00	1.00	0.00
17.14	19.65	2.00	0.00	1.00	0.00	17.15	18.61	2.00	0.00	1.00	0.00
17.16	18.01	2.00	0.00	1.00	0.00	17.17	17.98	2.00	0.00	1.00	0.00
17.18	17.84	2.00	0.00	1.00	0.00	17.19	18.91	2.00	0.00	1.00	0.00
17.20	18.73	2.00	0.00	1.00	0.00	17.21	17.44	2.00	0.00	1.00	0.00
17.22	19.90	2.00	0.00	1.00	0.00	17.23	17.01	2.00	0.00	1.00	0.00
17.24	19.27	2.00	0.00	1.00	0.00	17.25	19.32	2.00	0.00	1.00	0.00
17.26	18.19	2.00	0.00	1.00	0.00	17.27	16.58	2.00	0.00	1.00	0.00
17.28	18.92	2.00	0.00	1.00	0.00	17.29	16.95	2.00	0.00	1.00	0.00
17.30	16.60	2.00	0.00	1.00	0.00	17.31	18.59	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
17.32	16.36	2.00	0.00	1.00	0.00	17.33	18.37	2.00	0.00	1.00	0.00
17.34	16.64	2.00	0.00	1.00	0.00	17.35	17.79	2.00	0.00	1.00	0.00
17.36	19.36	2.00	0.00	1.00	0.00	17.37	19.27	2.00	0.00	1.00	0.00
17.38	19.25	2.00	0.00	1.00	0.00	17.39	16.80	2.00	0.00	1.00	0.00
17.40	17.89	2.00	0.00	1.00	0.00	17.41	18.07	2.00	0.00	1.00	0.00
17.42	16.87	2.00	0.00	1.00	0.00	17.43	15.34	2.00	0.00	1.00	0.00
17.44	18.21	2.00	0.00	1.00	0.00	17.45	15.44	2.00	0.00	1.00	0.00
17.46	16.85	2.00	0.00	1.00	0.00	17.47	17.98	2.00	0.00	1.00	0.00
17.48	17.84	2.00	0.00	1.00	0.00	17.49	17.61	2.00	0.00	1.00	0.00
17.50	17.56	2.00	0.00	1.00	0.00	17.51	15.92	2.00	0.00	1.00	0.00
17.52	15.55	2.00	0.00	1.00	0.00	17.53	16.13	2.00	0.00	1.00	0.00
17.54	16.39	2.00	0.00	1.00	0.00	17.55	16.16	2.00	0.00	1.00	0.00
17.56	13.50	2.00	0.00	1.00	0.00	17.57	14.77	2.00	0.00	1.00	0.00
17.58	15.73	2.00	0.00	1.00	0.00	17.59	15.51	2.00	0.00	1.00	0.00
17.60	14.55	2.00	0.00	1.00	0.00	17.61	13.27	2.00	0.00	1.00	0.00
17.62	15.31	2.00	0.00	1.00	0.00	17.63	15.15	2.00	0.00	1.00	0.00
17.64	14.21	2.00	0.00	1.00	0.00	17.65	13.76	2.00	0.00	1.00	0.00
17.66	13.21	2.00	0.00	1.00	0.00	17.67	12.48	2.00	0.00	1.00	0.00
17.68	13.69	2.00	0.00	1.00	0.00	17.69	14.00	2.00	0.00	1.00	0.00
17.70	14.11	2.00	0.00	1.00	0.00	17.71	13.90	2.00	0.00	1.00	0.00
17.72	11.88	2.00	0.00	1.00	0.00	17.73	10.92	2.00	0.00	1.00	0.00
17.74	13.23	2.00	0.00	1.00	0.00	17.75	13.04	2.00	0.00	1.00	0.00
17.76	12.85	2.00	0.00	1.00	0.00	17.77	12.85	2.00	0.00	1.00	0.00
17.78	12.68	2.00	0.00	1.00	0.00	17.79	12.64	2.00	0.00	1.00	0.00
17.80	10.50	2.00	0.00	1.00	0.00	17.81	10.41	2.00	0.00	1.00	0.00
17.82	9.65	2.00	0.00	1.00	0.00	17.83	10.69	2.00	0.00	1.00	0.00
17.84	12.65	2.00	0.00	1.00	0.00	17.85	12.68	2.00	0.00	1.00	0.00
17.86	11.29	2.00	0.00	1.00	0.00	17.87	11.03	2.00	0.00	1.00	0.00
17.88	10.95	2.00	0.00	1.00	0.00	17.89	11.02	2.00	0.00	1.00	0.00
17.90	13.99	2.00	0.00	1.00	0.00	17.91	14.45	2.00	0.00	1.00	0.00
17.92	14.76	2.00	0.00	1.00	0.00	17.93	14.98	2.00	0.00	1.00	0.00
17.94	13.12	2.00	0.00	1.00	0.00	17.95	13.14	2.00	0.00	1.00	0.00
17.96	12.49	2.00	0.00	1.00	0.00	17.97	12.83	2.00	0.00	1.00	0.00
17.98	14.90	2.00	0.00	1.00	0.00	17.99	13.34	2.00	0.00	1.00	0.00
18.00	13.04	2.00	0.00	1.00	0.00	18.01	12.67	2.00	0.00	1.00	0.00
18.02	14.55	2.00	0.00	1.00	0.00	18.03	15.10	2.00	0.00	1.00	0.00
18.04	12.16	2.00	0.00	1.00	0.00	18.05	14.51	2.00	0.00	1.00	0.00
18.06	14.51	2.00	0.00	1.00	0.00	18.07	11.98	2.00	0.00	1.00	0.00
18.08	12.45	2.00	0.00	1.00	0.00	18.09	14.35	2.00	0.00	1.00	0.00
18.10	11.71	2.00	0.00	1.00	0.00	18.11	14.19	2.00	0.00	1.00	0.00
18.12	14.42	2.00	0.00	1.00	0.00	18.13	13.63	2.00	0.00	1.00	0.00
18.14	12.76	2.00	0.00	1.00	0.00	18.15	12.57	2.00	0.00	1.00	0.00
18.16	12.60	2.00	0.00	1.00	0.00	18.17	15.28	2.00	0.00	1.00	0.00
18.18	15.20	2.00	0.00	1.00	0.00	18.19	14.04	2.00	0.00	1.00	0.00
18.20	12.77	2.00	0.00	1.00	0.00	18.21	14.88	2.00	0.00	1.00	0.00
18.22	15.40	2.00	0.00	1.00	0.00	18.23	13.49	2.00	0.00	1.00	0.00
18.24	15.76	2.00	0.00	1.00	0.00	18.25	14.49	2.00	0.00	1.00	0.00
18.26	13.58	2.00	0.00	1.00	0.00	18.27	13.51	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.28	14.18	2.00	0.00	1.00	0.00	18.29	16.38	2.00	0.00	1.00	0.00
18.30	16.58	2.00	0.00	1.00	0.00	18.31	14.88	2.00	0.00	1.00	0.00
18.32	17.17	2.00	0.00	1.00	0.00	18.33	16.14	2.00	0.00	1.00	0.00
18.34	15.18	2.00	0.00	1.00	0.00	18.35	16.33	2.00	0.00	1.00	0.00
18.36	17.90	2.00	0.00	1.00	0.00	18.37	17.90	2.00	0.00	1.00	0.00
18.38	16.11	2.00	0.00	1.00	0.00	18.39	18.27	2.00	0.00	1.00	0.00
18.40	18.45	2.00	0.00	1.00	0.00	18.41	18.76	2.00	0.00	1.00	0.00
18.42	18.84	2.00	0.00	1.00	0.00	18.43	18.76	2.00	0.00	1.00	0.00
18.44	16.70	2.00	0.00	1.00	0.00	18.45	16.44	2.00	0.00	1.00	0.00
18.46	17.51	2.00	0.00	1.00	0.00	18.47	16.63	2.00	0.00	1.00	0.00
18.48	16.26	2.00	0.00	1.00	0.00	18.49	18.06	2.00	0.00	1.00	0.00
18.50	18.15	2.00	0.00	1.00	0.00	18.51	17.70	2.00	0.00	1.00	0.00
18.52	17.13	2.00	0.00	1.00	0.00	18.53	16.90	2.00	0.00	1.00	0.00
18.54	15.80	2.00	0.00	1.00	0.00	18.55	14.14	2.00	0.00	1.00	0.00
18.56	15.86	2.00	0.00	1.00	0.00	18.57	14.11	2.00	0.00	1.00	0.00
18.58	13.14	2.00	0.00	1.00	0.00	18.59	14.43	2.00	0.00	1.00	0.00
18.60	15.55	2.00	0.00	1.00	0.00	18.61	15.20	2.00	0.00	1.00	0.00
18.62	14.77	2.00	0.00	1.00	0.00	18.63	14.63	2.00	0.00	1.00	0.00
18.64	11.89	2.00	0.00	1.00	0.00	18.65	11.70	2.00	0.00	1.00	0.00
18.66	11.47	2.00	0.00	1.00	0.00	18.67	11.53	2.00	0.00	1.00	0.00
18.68	12.12	2.00	0.00	1.00	0.00	18.69	12.86	2.00	0.00	1.00	0.00
18.70	15.06	2.00	0.00	1.00	0.00	18.71	15.51	2.00	0.00	1.00	0.00
18.72	14.96	2.00	0.00	1.00	0.00	18.73	14.02	2.00	0.00	1.00	0.00
18.74	15.33	2.00	0.00	1.00	0.00	18.75	15.87	2.00	0.00	1.00	0.00
18.76	15.45	2.00	0.00	1.00	0.00	18.77	15.26	2.00	0.00	1.00	0.00
18.78	14.74	2.00	0.00	1.00	0.00	18.79	14.39	2.00	0.00	1.00	0.00
18.80	11.84	2.00	0.00	1.00	0.00	18.81	11.39	2.00	0.00	1.00	0.00
18.82	11.03	2.00	0.00	1.00	0.00	18.83	10.58	2.00	0.00	1.00	0.00
18.84	11.90	2.00	0.00	1.00	0.00	18.85	12.27	2.00	0.00	1.00	0.00
18.86	11.86	2.00	0.00	1.00	0.00	18.87	11.64	2.00	0.00	1.00	0.00
18.88	12.03	2.00	0.00	1.00	0.00	18.89	10.56	2.00	0.00	1.00	0.00
18.90	11.30	2.00	0.00	1.00	0.00	18.91	12.19	2.00	0.00	1.00	0.00
18.92	13.23	2.00	0.00	1.00	0.00	18.93	12.96	2.00	0.00	1.00	0.00
18.94	16.52	2.00	0.00	1.00	0.00	18.95	17.03	2.00	0.00	1.00	0.00
18.96	16.86	2.00	0.00	1.00	0.00	18.97	16.88	2.00	0.00	1.00	0.00
18.98	14.39	2.00	0.00	1.00	0.00	18.99	16.49	2.00	0.00	1.00	0.00
19.00	16.59	2.00	0.00	1.00	0.00	19.01	14.39	2.00	0.00	1.00	0.00
19.02	15.93	2.00	0.00	1.00	0.00	19.03	17.01	2.00	0.00	1.00	0.00
19.04	15.74	2.00	0.00	1.00	0.00	19.05	15.41	2.00	0.00	1.00	0.00
19.06	15.50	2.00	0.00	1.00	0.00	19.07	18.03	2.00	0.00	1.00	0.00
19.08	17.11	2.00	0.00	1.00	0.00	19.09	16.09	2.00	0.00	1.00	0.00
19.10	15.76	2.00	0.00	1.00	0.00	19.11	18.21	2.00	0.00	1.00	0.00
19.12	17.82	2.00	0.00	1.00	0.00	19.13	15.12	2.00	0.00	1.00	0.00
19.14	17.29	2.00	0.00	1.00	0.00	19.15	15.81	2.00	0.00	1.00	0.00
19.16	16.72	2.00	0.00	1.00	0.00	19.17	14.10	2.00	0.00	1.00	0.00
19.18	15.49	2.00	0.00	1.00	0.00	19.19	15.77	2.00	0.00	1.00	0.00
19.20	15.57	2.00	0.00	1.00	0.00	19.21	13.12	2.00	0.00	1.00	0.00
19.22	12.62	2.00	0.00	1.00	0.00	19.23	14.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
19.24	12.29	2.00	0.00	1.00	0.00	19.25	14.53	2.00	0.00	1.00	0.00
19.26	14.52	2.00	0.00	1.00	0.00	19.27	12.15	2.00	0.00	1.00	0.00
19.28	11.62	2.00	0.00	1.00	0.00	19.29	14.01	2.00	0.00	1.00	0.00
19.30	13.86	2.00	0.00	1.00	0.00	19.31	12.44	2.00	0.00	1.00	0.00
19.32	11.53	2.00	0.00	1.00	0.00	19.33	11.35	2.00	0.00	1.00	0.00
19.34	13.72	2.00	0.00	1.00	0.00	19.35	13.73	2.00	0.00	1.00	0.00
19.36	12.38	2.00	0.00	1.00	0.00	19.37	11.69	2.00	0.00	1.00	0.00
19.38	11.25	2.00	0.00	1.00	0.00	19.39	11.14	2.00	0.00	1.00	0.00
19.40	13.25	2.00	0.00	1.00	0.00	19.41	13.32	2.00	0.00	1.00	0.00
19.42	13.17	2.00	0.00	1.00	0.00	19.43	13.42	2.00	0.00	1.00	0.00
19.44	11.03	2.00	0.00	1.00	0.00	19.45	11.10	2.00	0.00	1.00	0.00
19.46	11.11	2.00	0.00	1.00	0.00	19.47	11.85	2.00	0.00	1.00	0.00
19.48	12.30	2.00	0.00	1.00	0.00	19.49	12.53	2.00	0.00	1.00	0.00
19.50	12.26	2.00	0.00	1.00	0.00	19.51	13.40	2.00	0.00	1.00	0.00
19.52	14.42	2.00	0.00	1.00	0.00	19.53	14.59	2.00	0.00	1.00	0.00
19.54	12.33	2.00	0.00	1.00	0.00	19.55	12.91	2.00	0.00	1.00	0.00
19.56	14.68	2.00	0.00	1.00	0.00	19.57	15.30	2.00	0.00	1.00	0.00
19.58	15.19	2.00	0.00	1.00	0.00	19.59	15.36	2.00	0.00	1.00	0.00
19.60	15.53	2.00	0.00	1.00	0.00	19.61	14.84	2.00	0.00	1.00	0.00
19.62	14.99	2.00	0.00	1.00	0.00	19.63	13.95	2.00	0.00	1.00	0.00
19.64	13.71	2.00	0.00	1.00	0.00	19.65	13.55	2.00	0.00	1.00	0.00
19.66	13.53	2.00	0.00	1.00	0.00	19.67	13.82	2.00	0.00	1.00	0.00
19.68	14.47	2.00	0.00	1.00	0.00	19.69	14.85	2.00	0.00	1.00	0.00
19.70	15.18	2.00	0.00	1.00	0.00	19.71	15.69	2.00	0.00	1.00	0.00
19.72	16.82	2.00	0.00	1.00	0.00	19.73	16.76	2.00	0.00	1.00	0.00
19.74	16.86	2.00	0.00	1.00	0.00	19.75	17.01	2.00	0.00	1.00	0.00
19.76	17.49	2.00	0.00	1.00	0.00	19.77	17.52	2.00	0.00	1.00	0.00
19.78	17.49	2.00	0.00	1.00	0.00	19.79	17.43	2.00	0.00	1.00	0.00
19.80	16.02	2.00	0.00	1.00	0.00	19.81	15.90	2.00	0.00	1.00	0.00
19.82	15.53	2.00	0.00	1.00	0.00	19.83	14.96	2.00	0.00	1.00	0.00
19.84	15.06	2.00	0.00	1.00	0.00	19.85	16.96	2.00	0.00	1.00	0.00
19.86	15.60	2.00	0.00	1.00	0.00	19.87	14.72	2.00	0.00	1.00	0.00
19.88	14.38	2.00	0.00	1.00	0.00	19.89	13.76	2.00	0.00	1.00	0.00
19.90	15.68	2.00	0.00	1.00	0.00	19.91	16.15	2.00	0.00	1.00	0.00
19.92	14.92	2.00	0.00	1.00	0.00	19.93	13.85	2.00	0.00	1.00	0.00
19.94	14.23	2.00	0.00	1.00	0.00	19.95	16.12	2.00	0.00	1.00	0.00
19.96	16.96	2.00	0.00	1.00	0.00	19.97	14.97	2.00	0.00	1.00	0.00
19.98	17.45	2.00	0.00	1.00	0.00	19.99	18.06	2.00	0.00	1.00	0.00
20.00	16.21	2.00	0.00	1.00	0.00	20.01	18.74	2.00	0.00	1.00	0.00
20.02	16.53	2.00	0.00	1.00	0.00	20.03	19.24	2.00	0.00	1.00	0.00
20.04	18.09	2.00	0.00	1.00	0.00	20.05	18.12	2.00	0.00	1.00	0.00
20.06	19.03	2.00	0.00	1.00	0.00	20.07	17.05	2.00	0.00	1.00	0.00
20.08	18.16	2.00	0.00	1.00	0.00	20.09	18.61	2.00	0.00	1.00	0.00
20.10	16.10	2.00	0.00	1.00	0.00	20.11	17.32	2.00	0.00	1.00	0.00
20.12	18.29	2.00	0.00	1.00	0.00	20.13	16.08	2.00	0.00	1.00	0.00
20.14	17.67	2.00	0.00	1.00	0.00	20.15	16.82	2.00	0.00	1.00	0.00
20.16	15.87	2.00	0.00	1.00	0.00	20.17	16.83	2.00	0.00	1.00	0.00
20.18	15.08	2.00	0.00	1.00	0.00	20.19	17.27	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
20.20	16.90	2.00	0.00	1.00	0.00	20.21	16.74	2.00	0.00	1.00	0.00
20.22	16.68	2.00	0.00	1.00	0.00	20.23	14.55	2.00	0.00	1.00	0.00
20.24	14.88	2.00	0.00	1.00	0.00	20.25	16.45	2.00	0.00	1.00	0.00
20.26	17.46	2.00	0.00	1.00	0.00	20.27	17.12	2.00	0.00	1.00	0.00
20.28	15.22	2.00	0.00	1.00	0.00	20.29	17.81	2.00	0.00	1.00	0.00
20.30	18.00	2.00	0.00	1.00	0.00	20.31	18.05	2.00	0.00	1.00	0.00
20.32	16.19	2.00	0.00	1.00	0.00	20.33	15.96	2.00	0.00	1.00	0.00
20.34	17.10	2.00	0.00	1.00	0.00	20.35	18.72	2.00	0.00	1.00	0.00
20.36	18.73	2.00	0.00	1.00	0.00	20.37	18.19	2.00	0.00	1.00	0.00
20.38	17.33	2.00	0.00	1.00	0.00	20.39	16.23	2.00	0.00	1.00	0.00
20.40	15.39	2.00	0.00	1.00	0.00	20.41	17.71	2.00	0.00	1.00	0.00
20.42	17.76	2.00	0.00	1.00	0.00	20.43	16.88	2.00	0.00	1.00	0.00
20.44	16.17	2.00	0.00	1.00	0.00	20.45	16.63	2.00	0.00	1.00	0.00
20.46	16.92	2.00	0.00	1.00	0.00	20.47	17.17	2.00	0.00	1.00	0.00
20.48	17.17	2.00	0.00	1.00	0.00	20.49	17.68	2.00	0.00	1.00	0.00
20.50	18.81	2.00	0.00	1.00	0.00	20.51	20.53	2.00	0.00	1.00	0.00
20.52	18.83	2.00	0.00	1.00	0.00	20.53	17.79	2.00	0.00	1.00	0.00
20.54	18.74	2.00	0.00	1.00	0.00	20.55	20.17	2.00	0.00	1.00	0.00
20.56	20.22	2.00	0.00	1.00	0.00	20.57	19.78	2.00	0.00	1.00	0.00
20.58	18.02	2.00	0.00	1.00	0.00	20.59	17.58	2.00	0.00	1.00	0.00
20.60	17.35	2.00	0.00	1.00	0.00	20.61	17.26	2.00	0.00	1.00	0.00
20.62	17.42	2.00	0.00	1.00	0.00	20.63	17.63	2.00	0.00	1.00	0.00
20.64	18.28	2.00	0.00	1.00	0.00	20.65	18.69	2.00	0.00	1.00	0.00
20.66	18.22	2.00	0.00	1.00	0.00	20.67	17.95	2.00	0.00	1.00	0.00
20.68	20.05	2.00	0.00	1.00	0.00	20.69	19.38	2.00	0.00	1.00	0.00
20.70	18.59	2.00	0.00	1.00	0.00	20.71	18.52	2.00	0.00	1.00	0.00
20.72	18.39	2.00	0.00	1.00	0.00	20.73	18.52	2.00	0.00	1.00	0.00
20.74	19.14	2.00	0.00	1.00	0.00	20.75	20.28	2.00	0.00	1.00	0.00
20.76	20.13	2.00	0.00	1.00	0.00	20.77	20.27	2.00	0.00	1.00	0.00
20.78	18.34	2.00	0.00	1.00	0.00	20.79	19.06	2.00	0.00	1.00	0.00
20.80	20.42	2.00	0.00	1.00	0.00	20.81	20.52	2.00	0.00	1.00	0.00
20.82	19.01	2.00	0.00	1.00	0.00	20.83	18.50	2.00	0.00	1.00	0.00
20.84	18.46	2.00	0.00	1.00	0.00	20.85	18.59	2.00	0.00	1.00	0.00
20.86	19.12	2.00	0.00	1.00	0.00	20.87	20.03	2.00	0.00	1.00	0.00
20.88	20.47	2.00	0.00	1.00	0.00	20.89	20.71	2.00	0.00	1.00	0.00
20.90	21.61	2.00	0.00	1.00	0.00	20.91	23.81	2.00	0.00	1.00	0.00
20.92	24.04	2.00	0.00	1.00	0.00	20.93	24.49	2.00	0.00	1.00	0.00
20.94	23.08	2.00	0.00	1.00	0.00	20.95	22.29	2.00	0.00	1.00	0.00
20.96	22.11	2.00	0.00	1.00	0.00	20.97	22.36	2.00	0.00	1.00	0.00
20.98	23.87	2.00	0.00	1.00	0.00	20.99	10.33	2.00	0.00	1.00	0.00
21.00	22.00	2.00	0.00	1.00	0.00	21.01	22.41	2.00	0.00	1.00	0.00
21.02	19.74	2.00	0.00	1.00	0.00	21.03	18.83	2.00	0.00	1.00	0.00
21.04	20.40	2.00	0.00	1.00	0.00	21.05	19.70	2.00	0.00	1.00	0.00
21.06	17.65	2.00	0.00	1.00	0.00	21.07	15.50	2.00	0.00	1.00	0.00
21.08	15.02	2.00	0.00	1.00	0.00	21.09	15.47	2.00	0.00	1.00	0.00
21.10	14.55	2.00	0.00	1.00	0.00	21.11	12.23	2.00	0.00	1.00	0.00
21.12	11.12	2.00	0.00	1.00	0.00	21.13	10.32	2.00	0.00	1.00	0.00
21.14	9.62	2.00	0.00	1.00	0.00	21.15	10.86	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
21.16	11.64	2.00	0.00	1.00	0.00	21.17	11.39	2.00	0.00	1.00	0.00
21.18	9.25	2.00	0.00	1.00	0.00	21.19	8.99	2.00	0.00	1.00	0.00
21.20	10.55	2.00	0.00	1.00	0.00	21.21	11.51	2.00	0.00	1.00	0.00
21.22	11.77	2.00	0.00	1.00	0.00	21.23	10.59	2.00	0.00	1.00	0.00
21.24	10.87	2.00	0.00	1.00	0.00	21.25	13.93	2.00	0.00	1.00	0.00
21.26	14.85	2.00	0.00	1.00	0.00	21.27	15.74	2.00	0.00	1.00	0.00
21.28	14.85	2.00	0.00	1.00	0.00	21.29	16.26	2.00	0.00	1.00	0.00
21.30	18.19	2.00	0.00	1.00	0.00	21.31	16.97	2.00	0.00	1.00	0.00
21.32	18.77	2.00	0.00	1.00	0.00	21.33	20.27	2.00	0.00	1.00	0.00
21.34	20.72	2.00	0.00	1.00	0.00	21.35	19.40	2.00	0.00	1.00	0.00
21.36	19.78	2.00	0.00	1.00	0.00	21.37	19.78	2.00	0.00	1.00	0.00
21.38	19.65	2.00	0.00	1.00	0.00	21.39	19.46	2.00	0.00	1.00	0.00
21.40	20.79	2.00	0.00	1.00	0.00	21.41	21.50	2.00	0.00	1.00	0.00
21.42	21.60	2.00	0.00	1.00	0.00	21.43	21.59	2.00	0.00	1.00	0.00
21.44	20.10	2.00	0.00	1.00	0.00	21.45	19.85	2.00	0.00	1.00	0.00
21.46	19.56	2.00	0.00	1.00	0.00	21.47	19.71	2.00	0.00	1.00	0.00
21.48	20.83	2.00	0.00	1.00	0.00	21.49	21.49	2.00	0.00	1.00	0.00
21.50	21.70	2.00	0.00	1.00	0.00	21.51	21.63	2.00	0.00	1.00	0.00
21.52	21.88	2.00	0.00	1.00	0.00	21.53	21.92	2.00	0.00	1.00	0.00
21.54	20.77	2.00	0.00	1.00	0.00	21.55	20.07	2.00	0.00	1.00	0.00
21.56	21.96	2.00	0.00	1.00	0.00	21.57	20.23	2.00	0.00	1.00	0.00
21.58	19.69	2.00	0.00	1.00	0.00	21.59	19.21	2.00	0.00	1.00	0.00
21.60	19.37	2.00	0.00	1.00	0.00	21.61	19.95	2.00	0.00	1.00	0.00
21.62	19.11	2.00	0.00	1.00	0.00	21.63	18.31	2.00	0.00	1.00	0.00
21.64	17.74	2.00	0.00	1.00	0.00	21.65	17.38	2.00	0.00	1.00	0.00
21.66	16.86	2.00	0.00	1.00	0.00	21.67	18.93	2.00	0.00	1.00	0.00
21.68	18.84	2.00	0.00	1.00	0.00	21.69	18.83	2.00	0.00	1.00	0.00
21.70	17.17	2.00	0.00	1.00	0.00	21.71	18.16	2.00	0.00	1.00	0.00
21.72	18.69	2.00	0.00	1.00	0.00	21.73	18.66	2.00	0.00	1.00	0.00
21.74	17.19	2.00	0.00	1.00	0.00	21.75	16.58	2.00	0.00	1.00	0.00
21.76	16.02	2.00	0.00	1.00	0.00	21.77	17.76	2.00	0.00	1.00	0.00
21.78	16.09	2.00	0.00	1.00	0.00	21.79	15.85	2.00	0.00	1.00	0.00
21.80	15.80	2.00	0.00	1.00	0.00	21.81	15.54	2.00	0.00	1.00	0.00
21.82	15.16	2.00	0.00	1.00	0.00	21.83	15.33	2.00	0.00	1.00	0.00
21.84	14.96	2.00	0.00	1.00	0.00	21.85	16.14	2.00	0.00	1.00	0.00
21.86	17.19	2.00	0.00	1.00	0.00	21.87	17.05	2.00	0.00	1.00	0.00
21.88	17.23	2.00	0.00	1.00	0.00	21.89	16.09	2.00	0.00	1.00	0.00
21.90	17.20	2.00	0.00	1.00	0.00	21.91	17.25	2.00	0.00	1.00	0.00
21.92	17.13	2.00	0.00	1.00	0.00	21.93	16.96	2.00	0.00	1.00	0.00
21.94	15.09	2.00	0.00	1.00	0.00	21.95	17.06	2.00	0.00	1.00	0.00
21.96	14.91	2.00	0.00	1.00	0.00	21.97	14.92	2.00	0.00	1.00	0.00
21.98	16.13	2.00	0.00	1.00	0.00	21.99	6.29	2.00	0.00	1.00	0.00
22.00	13.64	2.00	0.00	1.00	0.00	22.01	13.95	2.00	0.00	1.00	0.00
22.02	16.30	2.00	0.00	1.00	0.00	22.03	16.41	2.00	0.00	1.00	0.00
22.04	14.27	2.00	0.00	1.00	0.00	22.05	16.12	2.00	0.00	1.00	0.00
22.06	13.91	2.00	0.00	1.00	0.00	22.07	16.11	2.00	0.00	1.00	0.00
22.08	13.51	2.00	0.00	1.00	0.00	22.09	15.90	2.00	0.00	1.00	0.00
22.10	15.99	2.00	0.00	1.00	0.00	22.11	14.42	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
22.12	14.78	2.00	0.00	1.00	0.00	22.13	16.64	2.00	0.00	1.00	0.00
22.14	15.58	2.00	0.00	1.00	0.00	22.15	14.45	2.00	0.00	1.00	0.00
22.16	16.60	2.00	0.00	1.00	0.00	22.17	14.49	2.00	0.00	1.00	0.00
22.18	16.45	2.00	0.00	1.00	0.00	22.19	16.32	2.00	0.00	1.00	0.00
22.20	15.12	2.00	0.00	1.00	0.00	22.21	14.52	2.00	0.00	1.00	0.00
22.22	14.44	2.00	0.00	1.00	0.00	22.23	14.19	2.00	0.00	1.00	0.00
22.24	14.20	2.00	0.00	1.00	0.00	22.25	13.90	2.00	0.00	1.00	0.00
22.26	13.86	2.00	0.00	1.00	0.00	22.27	14.73	2.00	0.00	1.00	0.00
22.28	15.90	2.00	0.00	1.00	0.00	22.29	15.86	2.00	0.00	1.00	0.00
22.30	16.13	2.00	0.00	1.00	0.00	22.31	14.98	2.00	0.00	1.00	0.00
22.32	14.71	2.00	0.00	1.00	0.00	22.33	14.97	2.00	0.00	1.00	0.00
22.34	15.24	2.00	0.00	1.00	0.00	22.35	15.27	2.00	0.00	1.00	0.00
22.36	15.09	2.00	0.00	1.00	0.00	22.37	16.55	2.00	0.00	1.00	0.00
22.38	15.93	2.00	0.00	1.00	0.00	22.39	15.22	2.00	0.00	1.00	0.00
22.40	14.94	2.00	0.00	1.00	0.00	22.41	16.10	2.00	0.00	1.00	0.00
22.42	16.82	2.00	0.00	1.00	0.00	22.43	16.63	2.00	0.00	1.00	0.00
22.44	16.50	2.00	0.00	1.00	0.00	22.45	16.46	2.00	0.00	1.00	0.00
22.46	16.56	2.00	0.00	1.00	0.00	22.47	16.42	2.00	0.00	1.00	0.00
22.48	16.43	2.00	0.00	1.00	0.00	22.49	16.58	2.00	0.00	1.00	0.00
22.50	16.36	2.00	0.00	1.00	0.00	22.51	16.17	2.00	0.00	1.00	0.00
22.52	14.89	2.00	0.00	1.00	0.00	22.53	14.13	2.00	0.00	1.00	0.00
22.54	13.80	2.00	0.00	1.00	0.00	22.55	13.42	2.00	0.00	1.00	0.00
22.56	15.80	2.00	0.00	1.00	0.00	22.57	15.78	2.00	0.00	1.00	0.00
22.58	15.70	2.00	0.00	1.00	0.00	22.59	15.58	2.00	0.00	1.00	0.00
22.60	15.43	2.00	0.00	1.00	0.00	22.61	15.03	2.00	0.00	1.00	0.00
22.62	13.82	2.00	0.00	1.00	0.00	22.63	13.10	2.00	0.00	1.00	0.00
22.64	15.37	2.00	0.00	1.00	0.00	22.65	15.86	2.00	0.00	1.00	0.00
22.66	15.27	2.00	0.00	1.00	0.00	22.67	14.53	2.00	0.00	1.00	0.00
22.68	14.49	2.00	0.00	1.00	0.00	22.69	14.54	2.00	0.00	1.00	0.00
22.70	14.49	2.00	0.00	1.00	0.00	22.71	14.27	2.00	0.00	1.00	0.00
22.72	14.14	2.00	0.00	1.00	0.00	22.73	13.71	2.00	0.00	1.00	0.00
22.74	13.53	2.00	0.00	1.00	0.00	22.75	13.01	2.00	0.00	1.00	0.00
22.76	14.59	2.00	0.00	1.00	0.00	22.77	14.49	2.00	0.00	1.00	0.00
22.78	13.37	2.00	0.00	1.00	0.00	22.79	12.88	2.00	0.00	1.00	0.00
22.80	13.12	2.00	0.00	1.00	0.00	22.81	13.28	2.00	0.00	1.00	0.00
22.82	13.44	2.00	0.00	1.00	0.00	22.83	13.71	2.00	0.00	1.00	0.00
22.84	14.24	2.00	0.00	1.00	0.00	22.85	14.36	2.00	0.00	1.00	0.00
22.86	14.18	2.00	0.00	1.00	0.00	22.87	14.26	2.00	0.00	1.00	0.00
22.88	14.30	2.00	0.00	1.00	0.00	22.89	15.25	2.00	0.00	1.00	0.00
22.90	16.16	2.00	0.00	1.00	0.00	22.91	13.72	2.00	0.00	1.00	0.00
22.92	14.95	2.00	0.00	1.00	0.00	22.93	15.51	2.00	0.00	1.00	0.00
22.94	15.48	2.00	0.00	1.00	0.00	22.95	15.18	2.00	0.00	1.00	0.00
22.96	14.98	2.00	0.00	1.00	0.00	22.97	14.74	2.00	0.00	1.00	0.00
22.98	12.38	2.00	0.00	1.00	0.00	22.99	11.95	2.00	0.00	1.00	0.00
23.00	5.52	2.00	0.00	1.00	0.00	23.01	10.46	2.00	0.00	1.00	0.00
23.02	12.11	2.00	0.00	1.00	0.00	23.03	13.02	2.00	0.00	1.00	0.00
23.04	12.87	2.00	0.00	1.00	0.00	23.05	10.99	2.00	0.00	1.00	0.00
23.06	12.21	2.00	0.00	1.00	0.00	23.07	12.78	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
23.08	12.32	2.00	0.00	1.00	0.00	23.09	11.21	2.00	0.00	1.00	0.00
23.10	11.05	2.00	0.00	1.00	0.00	23.11	10.73	2.00	0.00	1.00	0.00
23.12	10.68	2.00	0.00	1.00	0.00	23.13	10.85	2.00	0.00	1.00	0.00
23.14	11.49	2.00	0.00	1.00	0.00	23.15	11.90	2.00	0.00	1.00	0.00
23.16	11.65	2.00	0.00	1.00	0.00	23.17	11.06	2.00	0.00	1.00	0.00
23.18	10.78	2.00	0.00	1.00	0.00	23.19	11.09	2.00	0.00	1.00	0.00
23.20	10.66	2.00	0.00	1.00	0.00	23.21	11.34	2.00	0.00	1.00	0.00
23.22	12.94	2.00	0.00	1.00	0.00	23.23	13.67	2.00	0.00	1.00	0.00
23.24	13.75	2.00	0.00	1.00	0.00	23.25	14.19	2.00	0.00	1.00	0.00
23.26	14.42	2.00	0.00	1.00	0.00	23.27	14.65	2.00	0.00	1.00	0.00
23.28	14.83	2.00	0.00	1.00	0.00	23.29	14.12	2.00	0.00	1.00	0.00
23.30	14.19	2.00	0.00	1.00	0.00	23.31	15.01	2.00	0.00	1.00	0.00
23.32	15.16	2.00	0.00	1.00	0.00	23.33	15.16	2.00	0.00	1.00	0.00
23.34	13.81	2.00	0.00	1.00	0.00	23.35	13.27	2.00	0.00	1.00	0.00
23.36	13.04	2.00	0.00	1.00	0.00	23.37	13.04	2.00	0.00	1.00	0.00
23.38	13.46	2.00	0.00	1.00	0.00	23.39	13.81	2.00	0.00	1.00	0.00
23.40	15.64	2.00	0.00	1.00	0.00	23.41	15.66	2.00	0.00	1.00	0.00
23.42	15.51	2.00	0.00	1.00	0.00	23.43	15.79	2.00	0.00	1.00	0.00
23.44	15.87	2.00	0.00	1.00	0.00	23.45	15.71	2.00	0.00	1.00	0.00
23.46	15.43	2.00	0.00	1.00	0.00	23.47	15.38	2.00	0.00	1.00	0.00
23.48	13.89	2.00	0.00	1.00	0.00	23.49	12.96	2.00	0.00	1.00	0.00
23.50	12.58	2.00	0.00	1.00	0.00	23.51	12.62	2.00	0.00	1.00	0.00
23.52	12.78	2.00	0.00	1.00	0.00	23.53	13.63	2.00	0.00	1.00	0.00
23.54	12.99	2.00	0.00	1.00	0.00	23.55	14.00	2.00	0.00	1.00	0.00
23.56	15.05	2.00	0.00	1.00	0.00	23.57	13.85	2.00	0.00	1.00	0.00
23.58	12.90	2.00	0.00	1.00	0.00	23.59	15.20	2.00	0.00	1.00	0.00
23.60	15.08	2.00	0.00	1.00	0.00	23.61	13.19	2.00	0.00	1.00	0.00
23.62	12.60	2.00	0.00	1.00	0.00	23.63	13.18	2.00	0.00	1.00	0.00
23.64	14.08	2.00	0.00	1.00	0.00	23.65	14.56	2.00	0.00	1.00	0.00
23.66	12.49	2.00	0.00	1.00	0.00	23.67	12.44	2.00	0.00	1.00	0.00
23.68	14.35	2.00	0.00	1.00	0.00	23.69	14.03	2.00	0.00	1.00	0.00
23.70	13.87	2.00	0.00	1.00	0.00	23.71	13.87	2.00	0.00	1.00	0.00
23.72	13.77	2.00	0.00	1.00	0.00	23.73	13.65	2.00	0.00	1.00	0.00
23.74	12.43	2.00	0.00	1.00	0.00	23.75	11.57	2.00	0.00	1.00	0.00
23.76	11.33	2.00	0.00	1.00	0.00	23.77	11.30	2.00	0.00	1.00	0.00
23.78	13.08	2.00	0.00	1.00	0.00	23.79	13.19	2.00	0.00	1.00	0.00
23.80	13.49	2.00	0.00	1.00	0.00	23.81	13.01	2.00	0.00	1.00	0.00
23.82	12.96	2.00	0.00	1.00	0.00	23.83	12.93	2.00	0.00	1.00	0.00
23.84	12.92	2.00	0.00	1.00	0.00	23.85	12.97	2.00	0.00	1.00	0.00
23.86	13.04	2.00	0.00	1.00	0.00	23.87	12.71	2.00	0.00	1.00	0.00
23.88	14.33	2.00	0.00	1.00	0.00	23.89	14.86	2.00	0.00	1.00	0.00
23.90	13.11	2.00	0.00	1.00	0.00	23.91	14.74	2.00	0.00	1.00	0.00
23.92	14.60	2.00	0.00	1.00	0.00	23.93	14.48	2.00	0.00	1.00	0.00
23.94	13.28	2.00	0.00	1.00	0.00	23.95	12.62	2.00	0.00	1.00	0.00
23.96	14.38	2.00	0.00	1.00	0.00	23.97	14.69	2.00	0.00	1.00	0.00
23.98	13.21	2.00	0.00	1.00	0.00	23.99	12.62	2.00	0.00	1.00	0.00
24.00	6.08	2.00	0.00	1.00	0.00	24.01	12.55	2.00	0.00	1.00	0.00
24.02	13.74	2.00	0.00	1.00	0.00	24.03	15.79	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
24.04	13.53	2.00	0.00	1.00	0.00	24.05	15.04	2.00	0.00	1.00	0.00
24.06	13.26	2.00	0.00	1.00	0.00	24.07	15.09	2.00	0.00	1.00	0.00
24.08	12.87	2.00	0.00	1.00	0.00	24.09	13.06	2.00	0.00	1.00	0.00
24.10	14.22	2.00	0.00	1.00	0.00	24.11	13.84	2.00	0.00	1.00	0.00
24.12	12.27	2.00	0.00	1.00	0.00	24.13	11.55	2.00	0.00	1.00	0.00
24.14	13.48	2.00	0.00	1.00	0.00	24.15	13.37	2.00	0.00	1.00	0.00
24.16	12.38	2.00	0.00	1.00	0.00	24.17	11.51	2.00	0.00	1.00	0.00
24.18	11.53	2.00	0.00	1.00	0.00	24.19	12.64	2.00	0.00	1.00	0.00
24.20	13.71	2.00	0.00	1.00	0.00	24.21	13.58	2.00	0.00	1.00	0.00
24.22	12.22	2.00	0.00	1.00	0.00	24.23	11.68	2.00	0.00	1.00	0.00
24.24	11.58	2.00	0.00	1.00	0.00	24.25	12.65	2.00	0.00	1.00	0.00
24.26	12.46	2.00	0.00	1.00	0.00	24.27	12.39	2.00	0.00	1.00	0.00
24.28	12.83	2.00	0.00	1.00	0.00	24.29	12.73	2.00	0.00	1.00	0.00
24.30	11.76	2.00	0.00	1.00	0.00	24.31	10.85	2.00	0.00	1.00	0.00
24.32	11.20	2.00	0.00	1.00	0.00	24.33	12.92	2.00	0.00	1.00	0.00
24.34	12.65	2.00	0.00	1.00	0.00	24.35	12.20	2.00	0.00	1.00	0.00
24.36	11.31	2.00	0.00	1.00	0.00	24.37	11.09	2.00	0.00	1.00	0.00
24.38	11.20	2.00	0.00	1.00	0.00	24.39	11.29	2.00	0.00	1.00	0.00
24.40	11.67	2.00	0.00	1.00	0.00	24.41	11.58	2.00	0.00	1.00	0.00
24.42	13.67	2.00	0.00	1.00	0.00	24.43	13.48	2.00	0.00	1.00	0.00
24.44	11.20	2.00	0.00	1.00	0.00	24.45	13.36	2.00	0.00	1.00	0.00
24.46	11.52	2.00	0.00	1.00	0.00	24.47	13.60	2.00	0.00	1.00	0.00
24.48	13.57	2.00	0.00	1.00	0.00	24.49	11.91	2.00	0.00	1.00	0.00
24.50	11.61	2.00	0.00	1.00	0.00	24.51	11.13	2.00	0.00	1.00	0.00
24.52	11.73	2.00	0.00	1.00	0.00	24.53	12.87	2.00	0.00	1.00	0.00
24.54	11.60	2.00	0.00	1.00	0.00	24.55	11.55	2.00	0.00	1.00	0.00
24.56	10.61	2.00	0.00	1.00	0.00	24.57	13.12	2.00	0.00	1.00	0.00
24.58	11.93	2.00	0.00	1.00	0.00	24.59	12.22	2.00	0.00	1.00	0.00
24.60	13.84	2.00	0.00	1.00	0.00	24.61	12.53	2.00	0.00	1.00	0.00
24.62	12.05	2.00	0.00	1.00	0.00	24.63	12.65	2.00	0.00	1.00	0.00
24.64	14.70	2.00	0.00	1.00	0.00	24.65	14.80	2.00	0.00	1.00	0.00
24.66	13.15	2.00	0.00	1.00	0.00	24.67	13.88	2.00	0.00	1.00	0.00
24.68	13.70	2.00	0.00	1.00	0.00	24.69	15.07	2.00	0.00	1.00	0.00
24.70	13.12	2.00	0.00	1.00	0.00	24.71	15.43	2.00	0.00	1.00	0.00
24.72	13.57	2.00	0.00	1.00	0.00	24.73	15.71	2.00	0.00	1.00	0.00
24.74	16.37	2.00	0.00	1.00	0.00	24.75	15.39	2.00	0.00	1.00	0.00
24.76	14.85	2.00	0.00	1.00	0.00	24.77	16.69	2.00	0.00	1.00	0.00
24.78	17.50	2.00	0.00	1.00	0.00	24.79	16.72	2.00	0.00	1.00	0.00
24.80	15.70	2.00	0.00	1.00	0.00	24.81	15.78	2.00	0.00	1.00	0.00
24.82	16.17	2.00	0.00	1.00	0.00	24.83	17.14	2.00	0.00	1.00	0.00
24.84	17.02	2.00	0.00	1.00	0.00	24.85	15.13	2.00	0.00	1.00	0.00
24.86	14.97	2.00	0.00	1.00	0.00	24.87	14.74	2.00	0.00	1.00	0.00
24.88	16.43	2.00	0.00	1.00	0.00	24.89	17.13	2.00	0.00	1.00	0.00
24.90	16.79	2.00	0.00	1.00	0.00	24.91	16.29	2.00	0.00	1.00	0.00
24.92	15.93	2.00	0.00	1.00	0.00	24.93	15.75	2.00	0.00	1.00	0.00
24.94	13.69	2.00	0.00	1.00	0.00	24.95	13.29	2.00	0.00	1.00	0.00
24.96	14.52	2.00	0.00	1.00	0.00	24.97	15.09	2.00	0.00	1.00	0.00
24.98	13.69	2.00	0.00	1.00	0.00	24.99	15.32	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

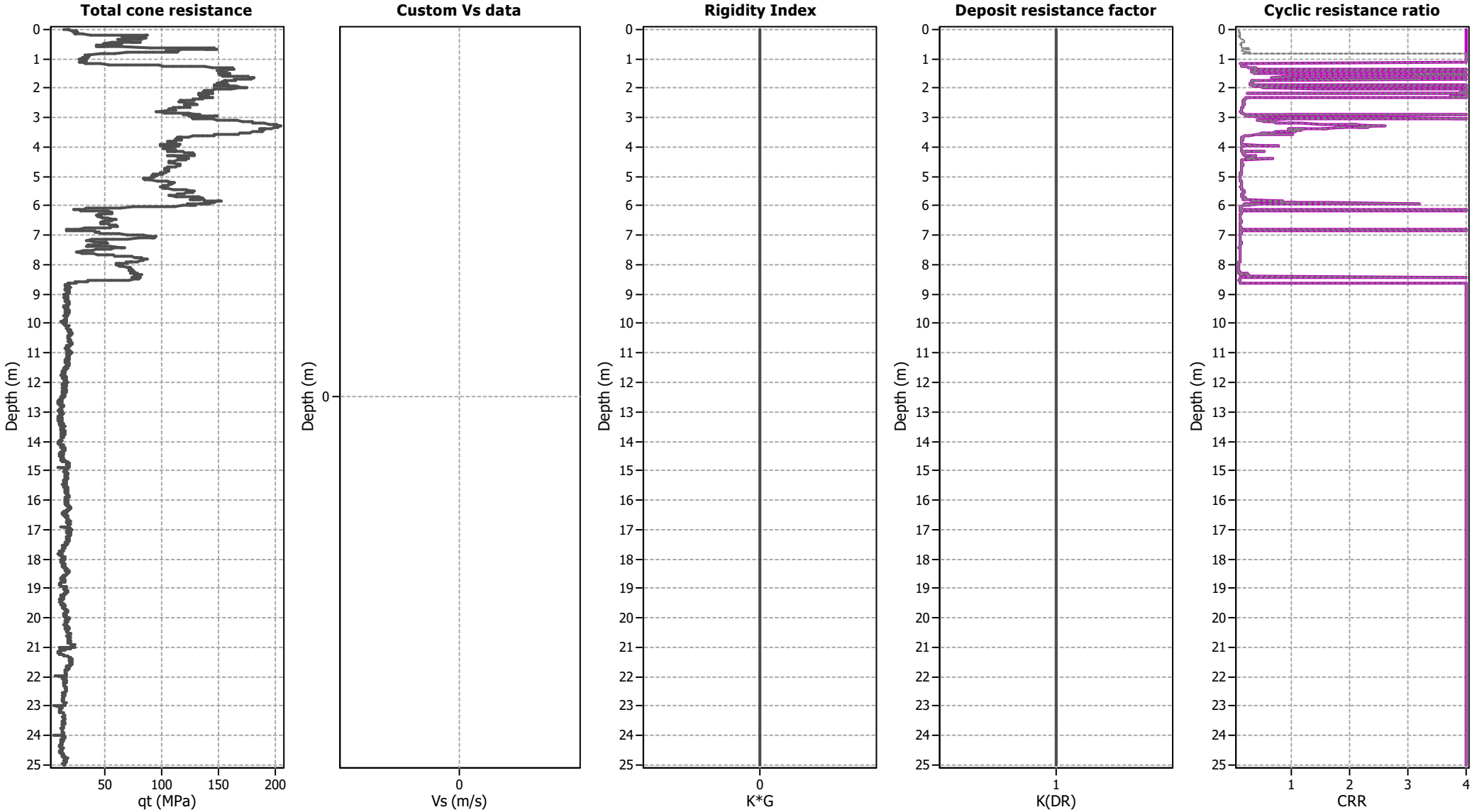
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
25.00	16.02	2.00	0.00	1.00	0.00						

Total estimated settlement: 16.61

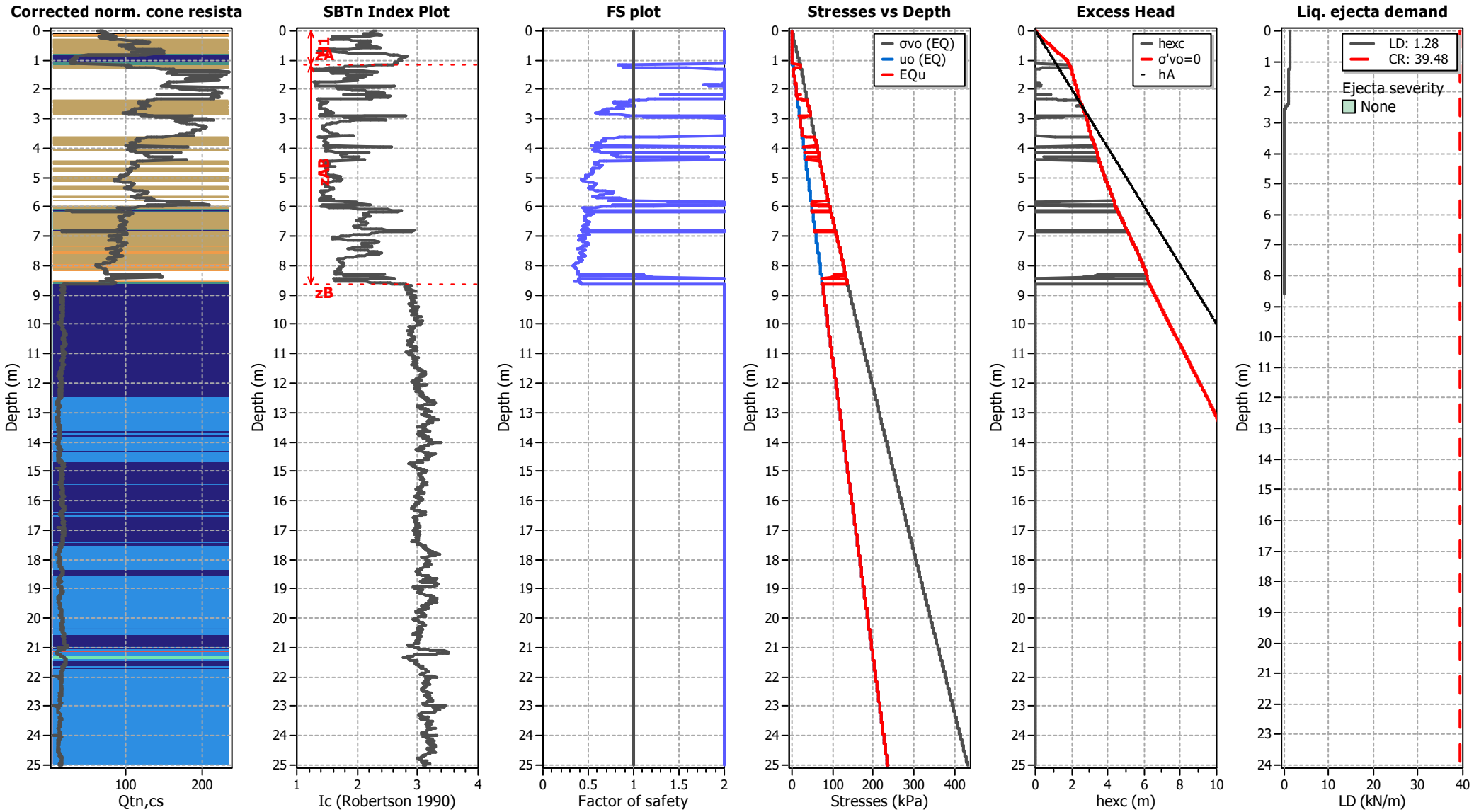
Abbreviations

$Q_{tn,cs}$: Equivalent clean sand normalized cone resistance
FS: Factor of safety against liquefaction
e_v (%): Post-liquefaction volumentric strain
DF: e_v depth weighting factor
Settlement: Calculated settlement

Aging Calculation Estimation



Ejecta Severity Estimation



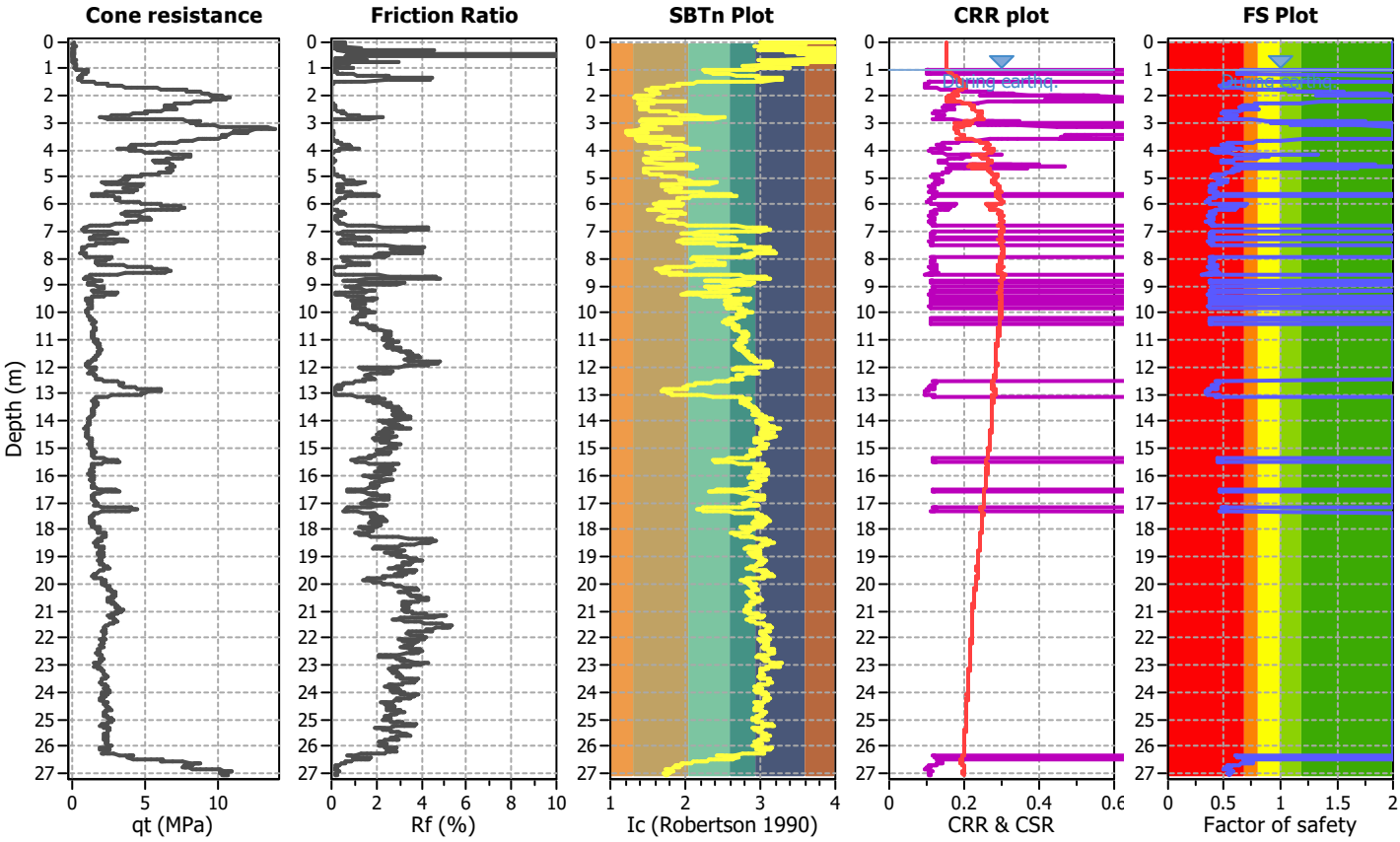
LIQUEFACTION ANALYSIS REPORT

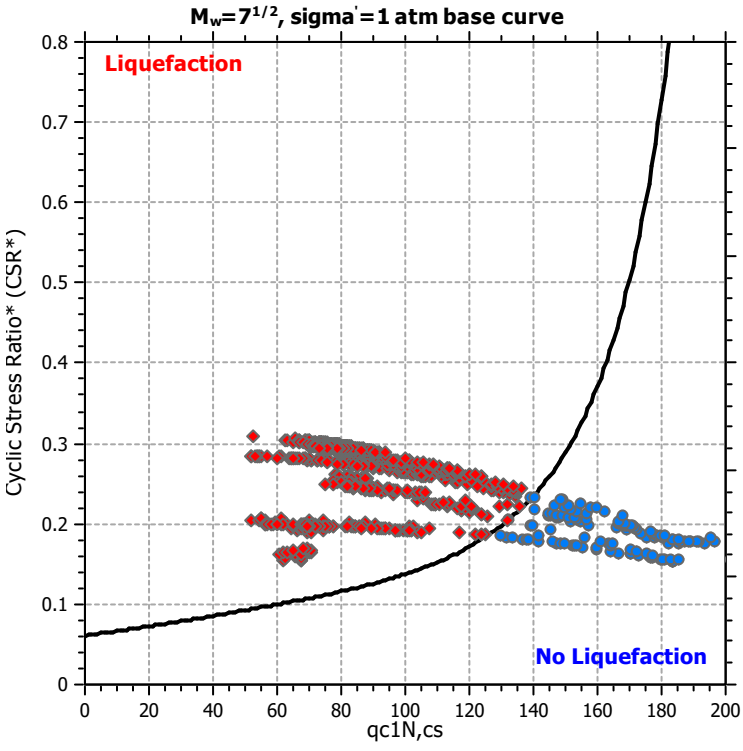
Project title : Microzonazione Sismica **Location : Comune di Cesenatico**

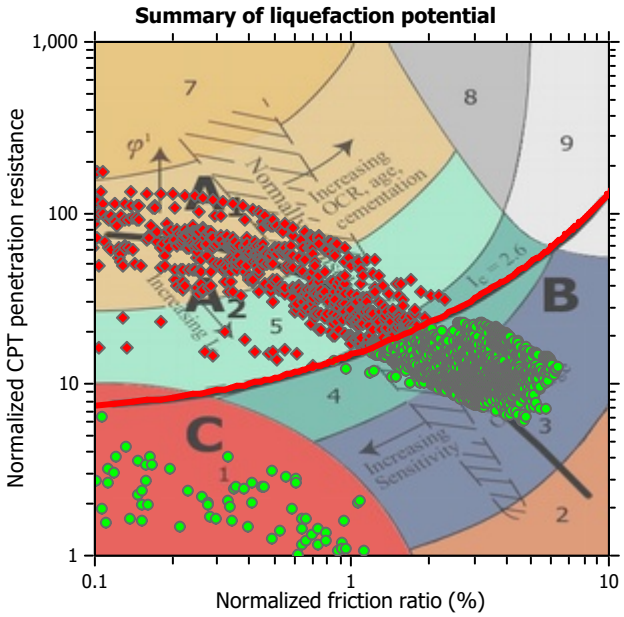
CPT file : 040008P1032CPTU1033

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude M_w:	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.22	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		

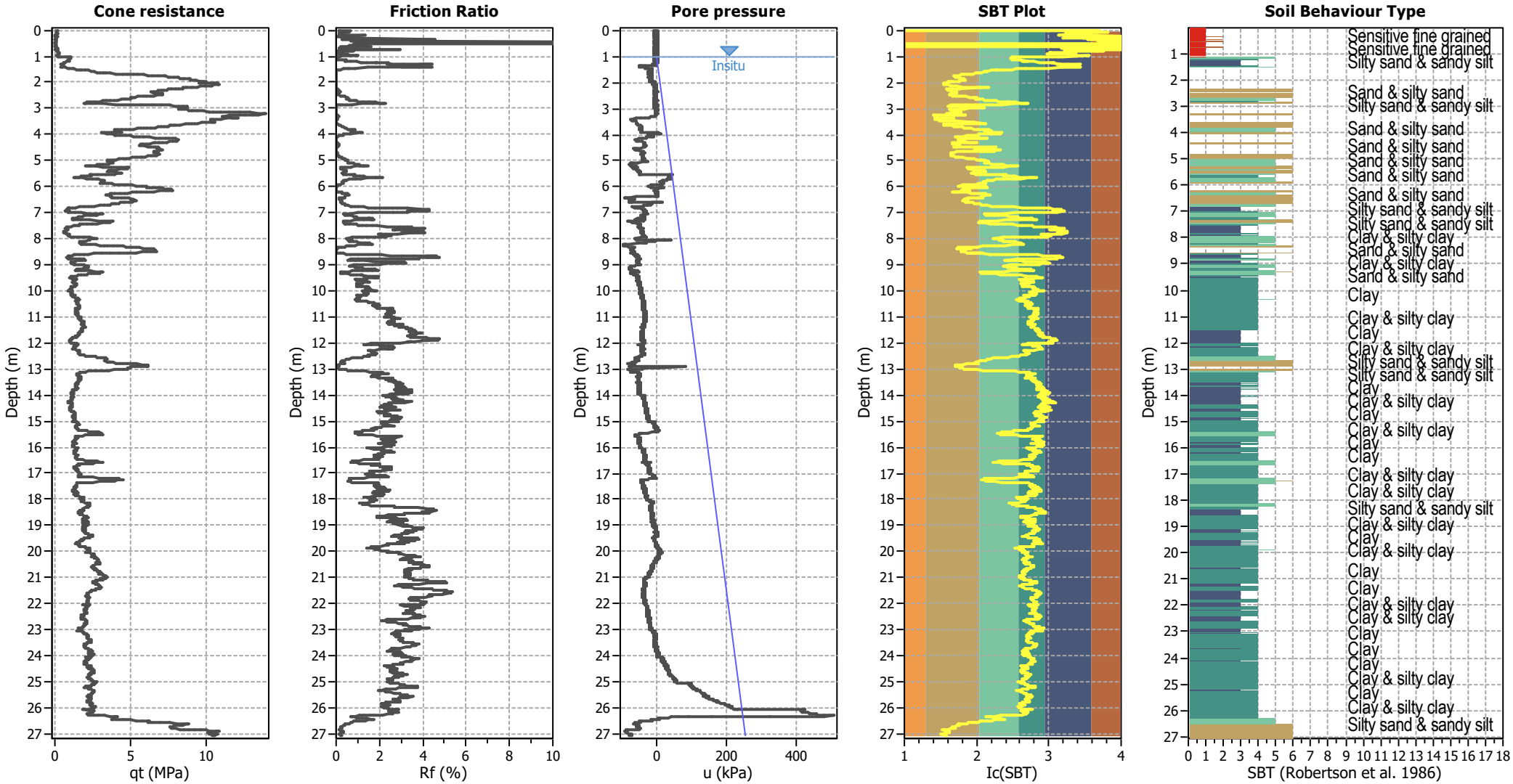






Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



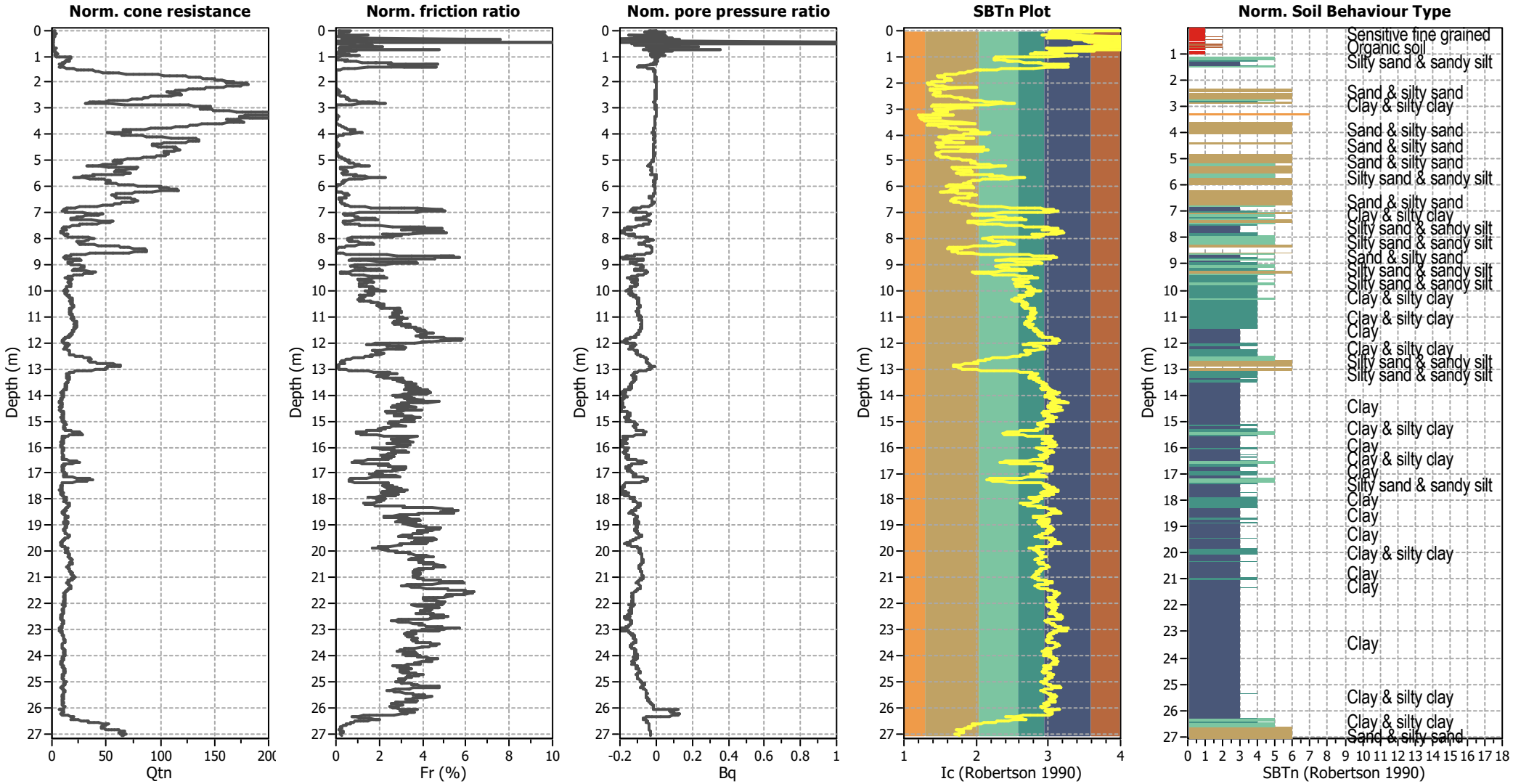
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBT legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

CPT basic interpretation plots (normalized)



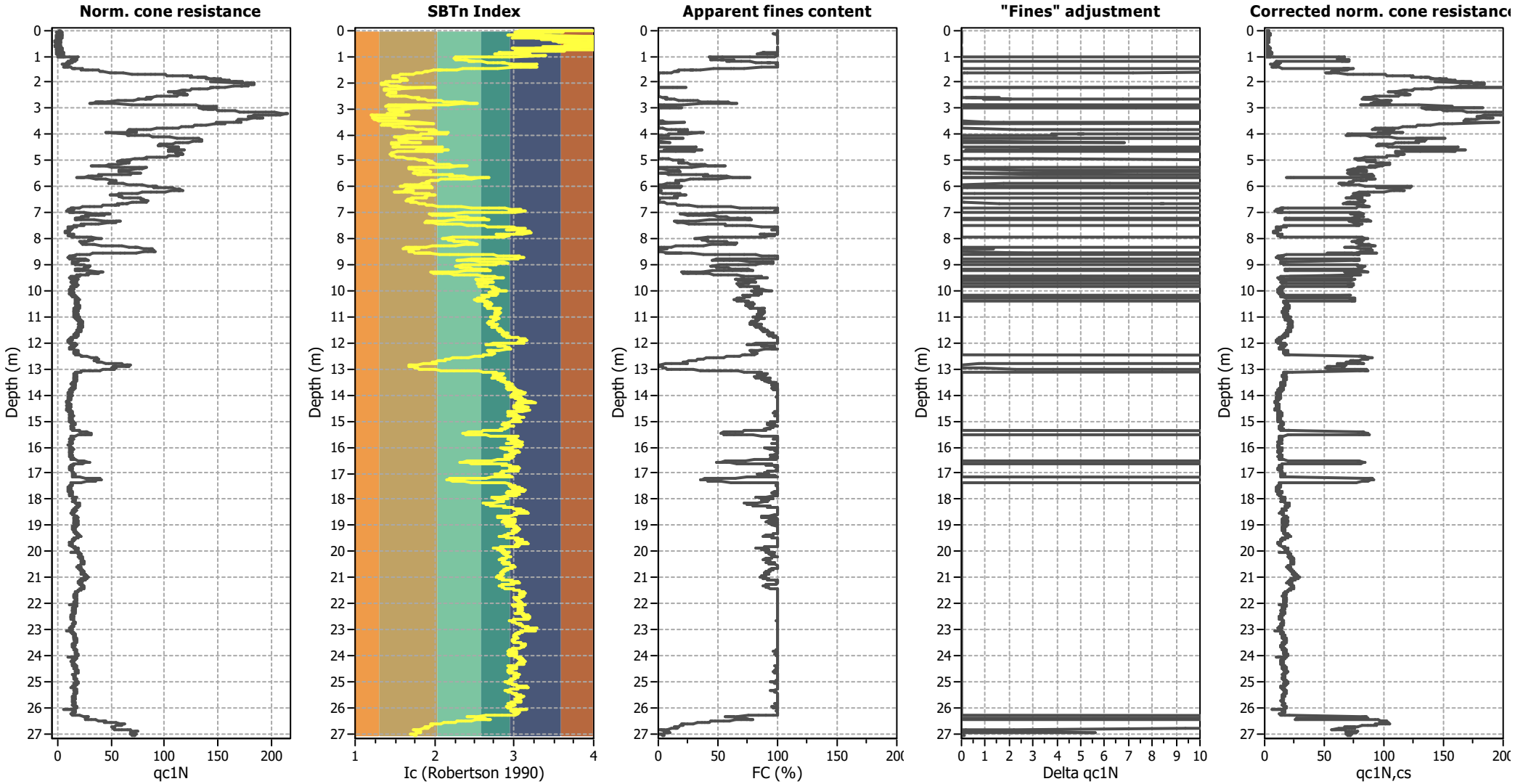
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

SBTn legend

1. Sensitive fine grained
2. Organic material
3. Clay to silty clay
4. Clayey silt to silty
5. Silty sand to sandy silt
6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

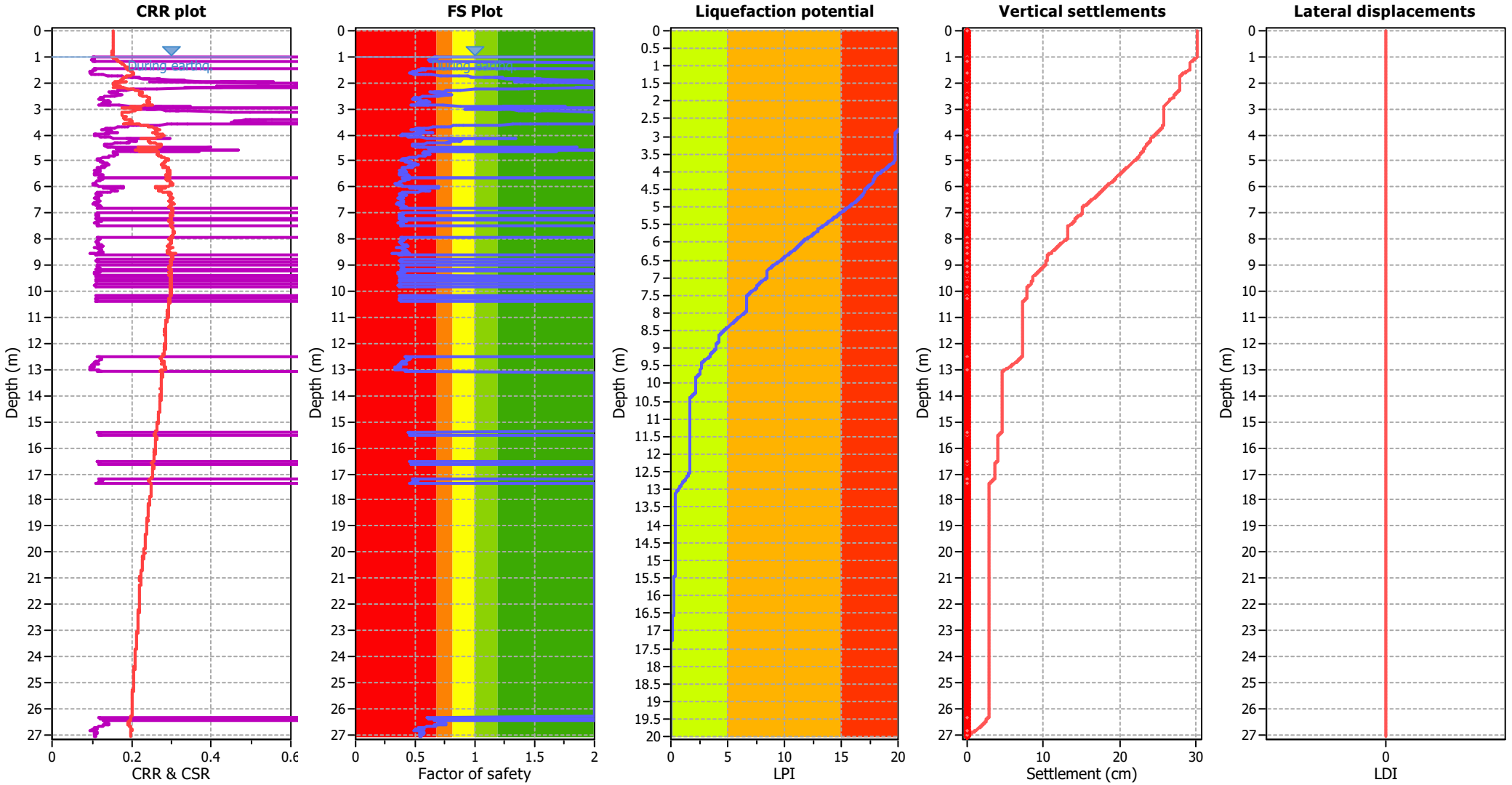
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

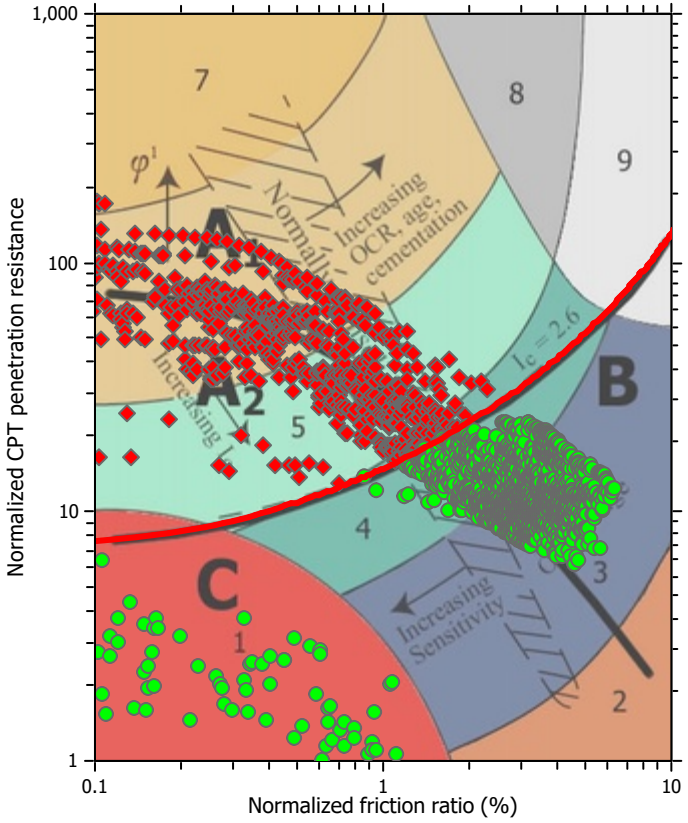
F.S. color scheme

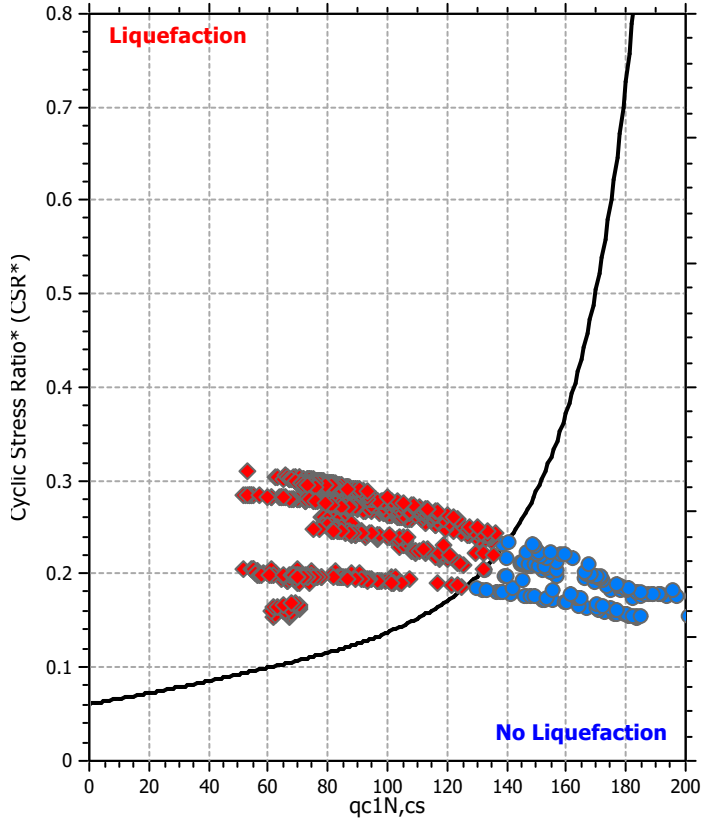
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

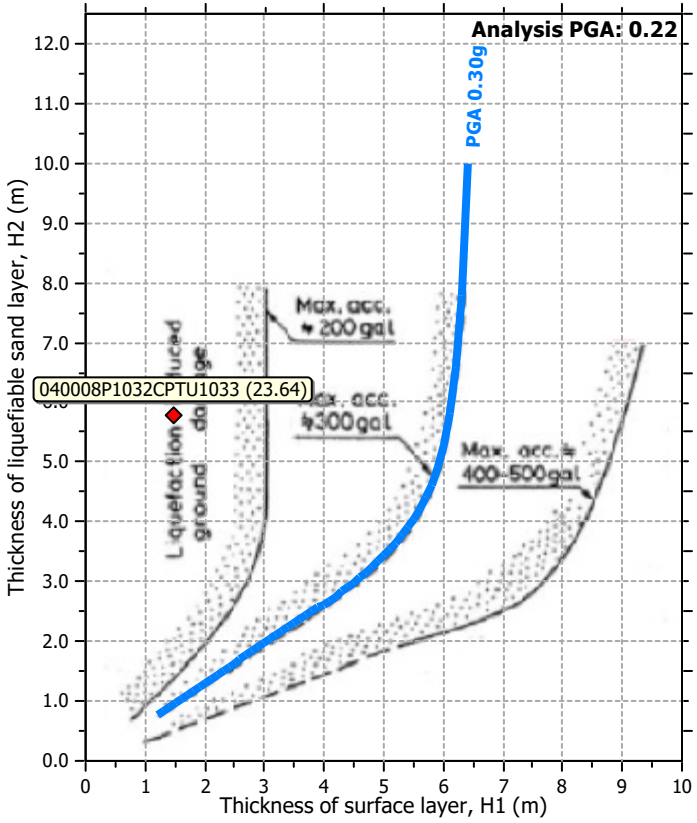
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots



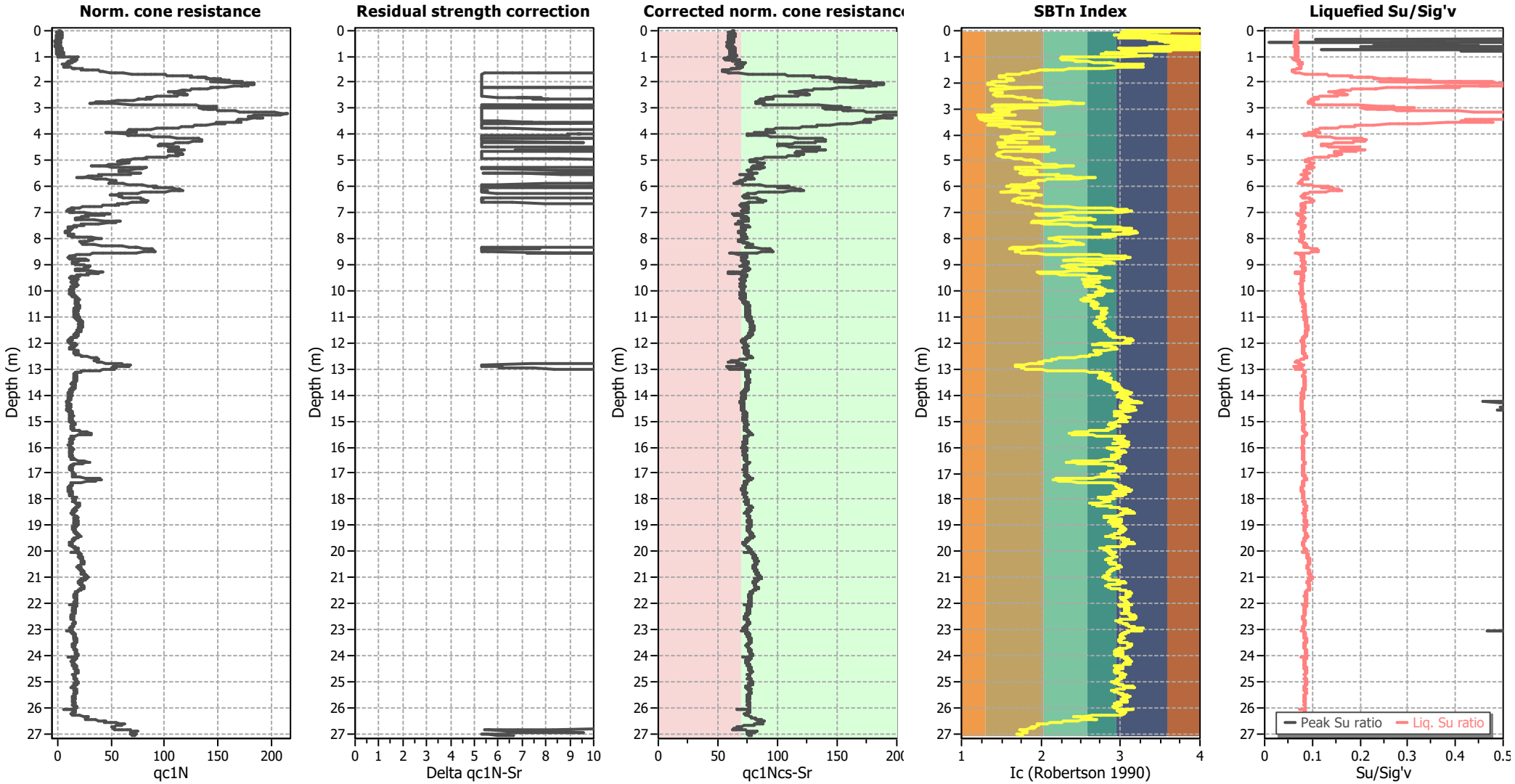




Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.00 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.22	Use fill:	No	Limit depth applied:	No
Depth to water table (insitu):	1.00 m	Fill height:	N/A	Limit depth:	N/A

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.01	2.00	0.00	0.00	0.01	0.00	0.02	2.00	0.00	0.00	0.01	0.00
0.03	2.00	0.00	0.00	0.01	0.00	0.04	2.00	0.00	0.00	0.01	0.00
0.05	2.00	0.00	0.00	0.01	0.00	0.06	2.00	0.00	0.00	0.01	0.00
0.07	2.00	0.00	0.00	0.01	0.00	0.08	2.00	0.00	0.00	0.01	0.00
0.09	2.00	0.00	0.00	0.01	0.00	0.10	2.00	0.00	0.00	0.01	0.00
0.11	2.00	0.00	0.00	0.01	0.00	0.12	2.00	0.00	0.00	0.01	0.00
0.13	2.00	0.00	0.00	0.01	0.00	0.14	2.00	0.00	0.00	0.01	0.00
0.15	2.00	0.00	0.00	0.01	0.00	0.16	2.00	0.00	0.00	0.01	0.00
0.17	2.00	0.00	0.00	0.01	0.00	0.18	2.00	0.00	0.00	0.01	0.00
0.19	2.00	0.00	0.00	0.01	0.00	0.20	2.00	0.00	0.00	0.01	0.00
0.21	2.00	0.00	0.00	0.01	0.00	0.22	2.00	0.00	0.00	0.01	0.00
0.23	2.00	0.00	0.00	0.01	0.00	0.24	2.00	0.00	0.00	0.01	0.00
0.25	2.00	0.00	0.00	0.01	0.00	0.26	2.00	0.00	0.00	0.01	0.00
0.27	2.00	0.00	0.00	0.01	0.00	0.28	2.00	0.00	0.00	0.01	0.00
0.29	2.00	0.00	0.00	0.01	0.00	0.30	2.00	0.00	0.00	0.01	0.00
0.31	2.00	0.00	0.00	0.01	0.00	0.32	2.00	0.00	0.00	0.01	0.00
0.33	2.00	0.00	0.00	0.01	0.00	0.34	2.00	0.00	0.00	0.01	0.00
0.35	2.00	0.00	0.00	0.01	0.00	0.36	2.00	0.00	0.00	0.01	0.00
0.37	2.00	0.00	0.00	0.01	0.00	0.38	2.00	0.00	0.00	0.01	0.00
0.39	2.00	0.00	0.00	0.01	0.00	0.40	2.00	0.00	0.00	0.01	0.00
0.41	2.00	0.00	0.00	0.01	0.00	0.42	2.00	0.00	0.00	0.01	0.00
0.43	2.00	0.00	0.00	0.01	0.00	0.44	2.00	0.00	0.00	0.01	0.00
0.45	2.00	0.00	0.00	0.01	0.00	0.46	2.00	0.00	0.00	0.01	0.00
0.47	2.00	0.00	0.00	0.01	0.00	0.48	2.00	0.00	0.00	0.01	0.00
0.49	2.00	0.00	0.00	0.01	0.00	0.50	2.00	0.00	0.00	0.01	0.00
0.51	2.00	0.00	0.00	0.01	0.00	0.52	2.00	0.00	0.00	0.01	0.00
0.53	2.00	0.00	0.00	0.01	0.00	0.54	2.00	0.00	0.00	0.01	0.00
0.55	2.00	0.00	0.00	0.01	0.00	0.56	2.00	0.00	0.00	0.01	0.00
0.57	2.00	0.00	0.00	0.01	0.00	0.58	2.00	0.00	0.00	0.01	0.00
0.59	2.00	0.00	0.00	0.01	0.00	0.60	2.00	0.00	0.00	0.01	0.00
0.61	2.00	0.00	0.00	0.01	0.00	0.62	2.00	0.00	0.00	0.01	0.00
0.63	2.00	0.00	0.00	0.01	0.00	0.64	2.00	0.00	0.00	0.01	0.00
0.65	2.00	0.00	0.00	0.01	0.00	0.66	2.00	0.00	0.00	0.01	0.00
0.67	2.00	0.00	0.00	0.01	0.00	0.68	2.00	0.00	0.00	0.01	0.00
0.69	2.00	0.00	0.00	0.01	0.00	0.70	2.00	0.00	0.00	0.01	0.00
0.71	2.00	0.00	0.00	0.01	0.00	0.72	2.00	0.00	0.00	0.01	0.00
0.73	2.00	0.00	0.00	0.01	0.00	0.74	2.00	0.00	0.00	0.01	0.00
0.75	2.00	0.00	0.00	0.01	0.00	0.76	2.00	0.00	0.00	0.01	0.00
0.77	2.00	0.00	0.00	0.01	0.00	0.78	2.00	0.00	0.00	0.01	0.00
0.79	2.00	0.00	0.00	0.01	0.00	0.80	2.00	0.00	0.00	0.01	0.00
0.81	2.00	0.00	0.00	0.01	0.00	0.82	2.00	0.00	0.00	0.01	0.00
0.83	2.00	0.00	0.00	0.01	0.00	0.84	2.00	0.00	0.00	0.01	0.00
0.85	2.00	0.00	0.00	0.01	0.00	0.86	2.00	0.00	0.00	0.01	0.00
0.87	2.00	0.00	0.00	0.01	0.00	0.88	2.00	0.00	0.00	0.01	0.00
0.89	2.00	0.00	0.00	0.01	0.00	0.90	2.00	0.00	0.00	0.01	0.00
0.91	2.00	0.00	0.00	0.01	0.00	0.92	2.00	0.00	0.00	0.01	0.00
0.93	2.00	0.00	0.00	0.01	0.00	0.94	2.00	0.00	0.00	0.01	0.00
0.95	2.00	0.00	0.00	0.01	0.00	0.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
0.97	2.00	0.00	0.00	0.01	0.00	0.98	2.00	0.00	0.00	0.01	0.00
0.99	2.00	0.00	0.00	0.01	0.00	1.00	2.00	0.00	0.00	0.01	0.00
1.01	2.00	0.00	0.00	0.01	0.00	1.02	2.00	0.00	0.00	0.01	0.00
1.03	0.65	0.00	0.00	0.01	0.03	1.04	0.68	0.00	0.00	0.01	0.03
1.05	0.68	0.00	0.00	0.01	0.03	1.06	0.65	0.00	0.00	0.01	0.03
1.07	0.67	0.00	0.00	0.01	0.03	1.08	0.67	0.00	0.00	0.01	0.03
1.09	0.65	0.00	0.00	0.01	0.03	1.10	0.62	0.00	0.00	0.01	0.04
1.11	0.65	0.00	0.00	0.01	0.03	1.12	0.65	0.00	0.00	0.01	0.03
1.13	0.61	0.00	0.00	0.01	0.04	1.14	0.66	0.00	0.00	0.01	0.03
1.15	0.62	0.00	0.00	0.01	0.04	1.16	0.65	0.00	0.00	0.01	0.03
1.17	0.62	0.00	0.00	0.01	0.04	1.18	0.65	0.00	0.00	0.01	0.03
1.19	0.64	0.00	0.00	0.01	0.03	1.20	0.62	0.00	0.00	0.01	0.04
1.21	2.00	0.00	0.00	0.01	0.00	1.22	2.00	0.00	0.00	0.01	0.00
1.23	2.00	0.00	0.00	0.01	0.00	1.24	2.00	0.00	0.00	0.01	0.00
1.25	2.00	0.00	0.00	0.01	0.00	1.26	2.00	0.00	0.00	0.01	0.00
1.27	2.00	0.00	0.00	0.01	0.00	1.28	2.00	0.00	0.00	0.01	0.00
1.29	2.00	0.00	0.00	0.01	0.00	1.30	2.00	0.00	0.00	0.01	0.00
1.31	2.00	0.00	0.00	0.01	0.00	1.32	2.00	0.00	0.00	0.01	0.00
1.33	2.00	0.00	0.00	0.01	0.00	1.34	2.00	0.00	0.00	0.01	0.00
1.35	2.00	0.00	0.00	0.01	0.00	1.36	2.00	0.00	0.00	0.01	0.00
1.37	2.00	0.00	0.00	0.01	0.00	1.38	2.00	0.00	0.00	0.01	0.00
1.39	2.00	0.00	0.00	0.01	0.00	1.40	2.00	0.00	0.00	0.01	0.00
1.41	2.00	0.00	0.00	0.01	0.00	1.42	2.00	0.00	0.00	0.01	0.00
1.43	2.00	0.00	0.00	0.01	0.00	1.44	2.00	0.00	0.00	0.01	0.00
1.45	2.00	0.00	0.00	0.01	0.00	1.46	0.56	0.44	0.57	0.01	0.04
1.47	0.57	0.43	0.57	0.01	0.04	1.48	0.54	0.46	0.54	0.01	0.04
1.49	0.58	0.42	0.59	0.01	0.04	1.50	0.54	0.46	0.53	0.01	0.04
1.51	0.54	0.46	0.53	0.01	0.04	1.52	0.53	0.47	0.51	0.01	0.04
1.53	0.55	0.45	0.54	0.01	0.04	1.54	0.53	0.47	0.51	0.01	0.04
1.55	0.51	0.49	0.49	0.01	0.04	1.56	0.49	0.51	0.46	0.01	0.05
1.57	0.49	0.51	0.47	0.01	0.05	1.58	0.49	0.51	0.47	0.01	0.05
1.59	0.51	0.49	0.49	0.01	0.04	1.60	0.48	0.52	0.45	0.01	0.05
1.61	0.48	0.52	0.45	0.01	0.05	1.62	0.46	0.54	0.43	0.01	0.05
1.63	0.46	0.54	0.44	0.01	0.05	1.64	0.47	0.53	0.44	0.01	0.05
1.65	0.47	0.53	0.44	0.01	0.05	1.66	0.49	0.51	0.47	0.01	0.05
1.67	0.52	0.48	0.51	0.01	0.04	1.68	0.54	0.46	0.54	0.01	0.04
1.69	0.58	0.42	0.60	0.01	0.04	1.70	0.61	0.39	0.66	0.01	0.03
1.71	0.63	0.37	0.70	0.01	0.03	1.72	0.71	0.29	0.95	0.01	0.03
1.73	0.72	0.28	1.01	0.01	0.03	1.74	0.76	0.24	1.29	0.01	0.02
1.75	0.87	0.00	0.00	0.01	0.01	1.76	0.94	0.00	0.00	0.01	0.01
1.77	0.99	0.00	0.00	0.01	0.00	1.78	0.96	0.00	0.00	0.01	0.00
1.79	1.12	0.00	0.00	0.01	0.00	1.80	1.07	0.00	0.00	0.01	0.00
1.81	1.23	0.00	0.00	0.01	0.00	1.82	1.15	0.00	0.00	0.01	0.00
1.83	1.26	0.00	0.00	0.01	0.00	1.84	1.37	0.00	0.00	0.01	0.00
1.85	1.27	0.00	0.00	0.01	0.00	1.86	1.55	0.00	0.00	0.01	0.00
1.87	1.51	0.00	0.00	0.01	0.00	1.88	1.79	0.00	0.00	0.01	0.00
1.89	1.82	0.00	0.00	0.01	0.00	1.90	1.59	0.00	0.00	0.01	0.00
1.91	1.64	0.00	0.00	0.01	0.00	1.92	1.94	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
1.93	1.83	0.00	0.00	0.01	0.00	1.94	2.00	0.00	0.00	0.01	0.00
1.95	2.00	0.00	0.00	0.01	0.00	1.96	2.00	0.00	0.00	0.01	0.00
1.97	2.00	0.00	0.00	0.01	0.00	1.98	2.00	0.00	0.00	0.01	0.00
1.99	1.32	0.00	0.00	0.01	0.00	2.00	2.00	0.00	0.00	0.01	0.00
2.01	2.00	0.00	0.00	0.01	0.00	2.02	2.00	0.00	0.00	0.01	0.00
2.03	2.00	0.00	0.00	0.01	0.00	2.04	2.00	0.00	0.00	0.01	0.00
2.05	2.00	0.00	0.00	0.01	0.00	2.06	2.00	0.00	0.00	0.01	0.00
2.07	2.00	0.00	0.00	0.01	0.00	2.08	2.00	0.00	0.00	0.01	0.00
2.09	2.00	0.00	0.00	0.01	0.00	2.10	2.00	0.00	0.00	0.01	0.00
2.11	2.00	0.00	0.00	0.01	0.00	2.12	2.00	0.00	0.00	0.01	0.00
2.13	2.00	0.00	0.00	0.01	0.00	2.14	2.00	0.00	0.00	0.01	0.00
2.15	2.00	0.00	0.00	0.01	0.00	2.16	2.00	0.00	0.00	0.01	0.00
2.17	1.85	0.00	0.00	0.01	0.00	2.18	2.00	0.00	0.00	0.01	0.00
2.19	2.00	0.00	0.00	0.01	0.00	2.20	2.00	0.00	0.00	0.01	0.00
2.21	2.00	0.00	0.00	0.01	0.00	2.22	1.37	0.00	0.00	0.01	0.00
2.23	1.18	0.00	0.00	0.01	0.00	2.24	1.19	0.00	0.00	0.01	0.00
2.25	1.01	0.00	0.00	0.01	0.00	2.26	1.00	0.00	0.00	0.01	0.00
2.27	0.88	0.00	0.00	0.01	0.01	2.28	0.85	0.00	0.00	0.01	0.01
2.29	0.85	0.00	0.00	0.01	0.01	2.30	0.77	0.23	1.31	0.01	0.02
2.31	0.79	0.21	1.59	0.01	0.02	2.32	0.76	0.24	1.26	0.01	0.02
2.33	0.75	0.25	1.16	0.01	0.02	2.34	0.68	0.32	0.84	0.01	0.03
2.35	0.71	0.29	0.97	0.01	0.03	2.36	0.66	0.34	0.79	0.01	0.03
2.37	0.67	0.33	0.81	0.01	0.03	2.38	0.63	0.37	0.69	0.01	0.03
2.39	0.67	0.33	0.82	0.01	0.03	2.40	0.67	0.33	0.81	0.01	0.03
2.41	0.68	0.32	0.85	0.01	0.03	2.42	0.70	0.30	0.93	0.01	0.03
2.43	0.75	0.25	1.20	0.01	0.02	2.44	0.77	0.23	1.31	0.01	0.02
2.45	0.80	0.20	1.66	0.01	0.02	2.46	0.75	0.25	1.17	0.01	0.02
2.47	0.78	0.22	1.47	0.01	0.02	2.48	0.74	0.26	1.15	0.01	0.02
2.49	0.78	0.22	1.47	0.01	0.02	2.50	0.70	0.30	0.92	0.01	0.03
2.51	0.69	0.31	0.86	0.01	0.03	2.52	0.62	0.38	0.68	0.01	0.03
2.53	0.63	0.37	0.68	0.01	0.03	2.54	0.56	0.44	0.56	0.01	0.04
2.55	0.54	0.46	0.52	0.01	0.04	2.56	0.51	0.49	0.49	0.01	0.05
2.57	0.50	0.50	0.48	0.01	0.04	2.58	0.51	0.49	0.50	0.01	0.04
2.59	0.49	0.51	0.46	0.01	0.04	2.60	0.52	0.48	0.50	0.01	0.05
2.61	0.49	0.51	0.47	0.01	0.04	2.62	0.52	0.48	0.50	0.01	0.04
2.63	0.48	0.52	0.46	0.01	0.04	2.64	0.52	0.48	0.50	0.01	0.05
2.65	0.48	0.52	0.46	0.01	0.04	2.66	0.54	0.46	0.52	0.01	0.04
2.67	0.55	0.45	0.55	0.01	0.04	2.68	0.55	0.45	0.55	0.01	0.04
2.69	0.60	0.40	0.63	0.01	0.04	2.70	0.58	0.42	0.59	0.01	0.04
2.71	0.58	0.42	0.60	0.01	0.04	2.72	0.62	0.38	0.66	0.01	0.03
2.73	0.55	0.45	0.55	0.01	0.04	2.74	0.59	0.41	0.62	0.01	0.03
2.75	0.54	0.46	0.52	0.01	0.04	2.76	0.57	0.43	0.58	0.01	0.04
2.77	0.52	0.48	0.50	0.01	0.04	2.78	0.55	0.45	0.55	0.01	0.04
2.79	0.51	0.49	0.49	0.01	0.04	2.80	0.51	0.49	0.49	0.01	0.04
2.81	0.52	0.48	0.50	0.01	0.04	2.82	0.54	0.46	0.52	0.01	0.04
2.83	0.61	0.39	0.64	0.01	0.03	2.84	0.60	0.40	0.62	0.01	0.03
2.85	0.46	0.54	0.44	0.01	0.05	2.86	0.57	0.43	0.58	0.01	0.04
2.87	0.61	0.39	0.66	0.01	0.03	2.88	0.73	0.27	1.07	0.01	0.02

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
2.89	0.88	0.00	0.00	0.01	0.01	2.90	1.75	0.00	0.00	0.01	0.00
2.91	1.50	0.00	0.00	0.01	0.00	2.92	1.23	0.00	0.00	0.01	0.00
2.93	1.32	0.00	0.00	0.01	0.00	2.94	1.35	0.00	0.00	0.01	0.00
2.95	1.25	0.00	0.00	0.01	0.00	2.96	1.63	0.00	0.00	0.01	0.00
2.97	2.00	0.00	0.00	0.01	0.00	2.98	2.00	0.00	0.00	0.01	0.00
2.99	1.28	0.00	0.00	0.01	0.00	3.00	0.91	0.00	0.00	0.01	0.01
3.01	0.98	0.00	0.00	0.01	0.00	3.02	1.22	0.00	0.00	0.01	0.00
3.03	1.09	0.00	0.00	0.01	0.00	3.04	1.25	0.00	0.00	0.01	0.00
3.05	1.31	0.00	0.00	0.01	0.00	3.06	1.37	0.00	0.00	0.01	0.00
3.07	1.43	0.00	0.00	0.01	0.00	3.08	1.54	0.00	0.00	0.01	0.00
3.09	1.50	0.00	0.00	0.01	0.00	3.10	1.68	0.00	0.00	0.01	0.00
3.11	2.00	0.00	0.00	0.01	0.00	3.12	2.00	0.00	0.00	0.01	0.00
3.13	2.00	0.00	0.00	0.01	0.00	3.14	2.00	0.00	0.00	0.01	0.00
3.15	2.00	0.00	0.00	0.01	0.00	3.16	2.00	0.00	0.00	0.01	0.00
3.17	2.00	0.00	0.00	0.01	0.00	3.18	2.00	0.00	0.00	0.01	0.00
3.19	2.00	0.00	0.00	0.01	0.00	3.20	2.00	0.00	0.00	0.01	0.00
3.21	2.00	0.00	0.00	0.01	0.00	3.22	2.00	0.00	0.00	0.01	0.00
3.23	2.00	0.00	0.00	0.01	0.00	3.24	2.00	0.00	0.00	0.01	0.00
3.25	2.00	0.00	0.00	0.01	0.00	3.26	2.00	0.00	0.00	0.01	0.00
3.27	2.00	0.00	0.00	0.01	0.00	3.28	2.00	0.00	0.00	0.01	0.00
3.29	2.00	0.00	0.00	0.01	0.00	3.30	2.00	0.00	0.00	0.01	0.00
3.31	2.00	0.00	0.00	0.01	0.00	3.32	2.00	0.00	0.00	0.01	0.00
3.33	2.00	0.00	0.00	0.01	0.00	3.34	2.00	0.00	0.00	0.01	0.00
3.35	2.00	0.00	0.00	0.01	0.00	3.36	2.00	0.00	0.00	0.01	0.00
3.37	2.00	0.00	0.00	0.01	0.00	3.38	2.00	0.00	0.00	0.01	0.00
3.39	2.00	0.00	0.00	0.01	0.00	3.40	2.00	0.00	0.00	0.01	0.00
3.41	2.00	0.00	0.00	0.01	0.00	3.42	2.00	0.00	0.00	0.01	0.00
3.43	2.00	0.00	0.00	0.01	0.00	3.44	2.00	0.00	0.00	0.01	0.00
3.45	2.00	0.00	0.00	0.01	0.00	3.46	2.00	0.00	0.00	0.01	0.00
3.47	2.00	0.00	0.00	0.01	0.00	3.48	2.00	0.00	0.00	0.01	0.00
3.49	2.00	0.00	0.00	0.01	0.00	3.50	2.00	0.00	0.00	0.01	0.00
3.51	2.00	0.00	0.00	0.01	0.00	3.52	2.00	0.00	0.00	0.01	0.00
3.53	2.00	0.00	0.00	0.01	0.00	3.54	2.00	0.00	0.00	0.01	0.00
3.55	2.00	0.00	0.00	0.01	0.00	3.56	2.00	0.00	0.00	0.01	0.00
3.57	1.61	0.00	0.00	0.01	0.00	3.58	1.47	0.00	0.00	0.01	0.00
3.59	1.38	0.00	0.00	0.01	0.00	3.60	1.32	0.00	0.00	0.01	0.00
3.61	1.21	0.00	0.00	0.01	0.00	3.62	1.00	0.00	0.00	0.01	0.00
3.63	0.91	0.00	0.00	0.01	0.01	3.64	0.87	0.00	0.00	0.01	0.01
3.65	0.84	0.00	0.00	0.01	0.01	3.66	0.81	0.19	1.88	0.01	0.02
3.67	0.79	0.21	1.54	0.01	0.02	3.68	0.78	0.22	1.45	0.01	0.02
3.69	0.75	0.25	1.16	0.01	0.02	3.70	0.72	0.28	1.00	0.01	0.02
3.71	0.68	0.32	0.85	0.01	0.03	3.72	0.65	0.35	0.74	0.01	0.03
3.73	0.61	0.39	0.66	0.01	0.03	3.74	0.57	0.43	0.58	0.01	0.03
3.75	0.53	0.47	0.52	0.01	0.04	3.76	0.52	0.48	0.50	0.01	0.04
3.77	0.51	0.49	0.49	0.01	0.04	3.78	0.48	0.52	0.45	0.01	0.04
3.79	0.47	0.53	0.44	0.01	0.04	3.80	0.48	0.52	0.45	0.01	0.04
3.81	0.51	0.49	0.50	0.01	0.04	3.82	0.54	0.46	0.54	0.01	0.04
3.83	0.56	0.44	0.56	0.01	0.04	3.84	0.58	0.42	0.59	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
3.85	0.57	0.43	0.57	0.01	0.04	3.86	0.56	0.44	0.55	0.01	0.04
3.87	0.55	0.45	0.54	0.01	0.04	3.88	0.53	0.47	0.51	0.01	0.04
3.89	0.52	0.48	0.51	0.01	0.04	3.90	0.52	0.48	0.51	0.01	0.04
3.91	0.54	0.46	0.53	0.01	0.04	3.92	0.54	0.46	0.54	0.01	0.04
3.93	0.65	0.35	0.75	0.01	0.03	3.94	0.52	0.48	0.50	0.01	0.04
3.95	0.49	0.51	0.47	0.01	0.04	3.96	0.55	0.45	0.54	0.01	0.04
3.97	0.39	0.61	0.38	0.01	0.05	3.98	0.39	0.61	0.38	0.01	0.05
3.99	0.39	0.61	0.38	0.01	0.05	4.00	0.38	0.62	0.37	0.01	0.05
4.01	0.39	0.61	0.37	0.01	0.05	4.02	0.38	0.62	0.37	0.01	0.05
4.03	0.38	0.62	0.37	0.01	0.05	4.04	0.39	0.61	0.38	0.01	0.05
4.05	0.42	0.58	0.40	0.01	0.05	4.06	0.44	0.56	0.42	0.01	0.04
4.07	0.46	0.54	0.43	0.01	0.04	4.08	0.46	0.54	0.44	0.01	0.04
4.09	0.48	0.52	0.46	0.01	0.04	4.10	0.51	0.49	0.49	0.01	0.04
4.11	0.55	0.45	0.55	0.01	0.04	4.12	0.60	0.40	0.63	0.01	0.03
4.13	1.34	0.00	0.00	0.01	0.00	4.14	1.02	0.00	0.00	0.01	0.00
4.15	0.76	0.24	1.29	0.01	0.02	4.16	0.81	0.19	1.82	0.01	0.01
4.17	0.85	0.00	0.00	0.01	0.01	4.18	0.86	0.00	0.00	0.01	0.01
4.19	0.88	0.00	0.00	0.01	0.01	4.20	0.89	0.00	0.00	0.01	0.01
4.21	0.88	0.00	0.00	0.01	0.01	4.22	0.87	0.00	0.00	0.01	0.01
4.23	0.87	0.00	0.00	0.01	0.01	4.24	0.88	0.00	0.00	0.01	0.01
4.25	0.87	0.00	0.00	0.01	0.01	4.26	0.83	0.00	0.00	0.01	0.01
4.27	0.79	0.21	1.51	0.01	0.02	4.28	0.75	0.25	1.22	0.01	0.02
4.29	0.79	0.21	1.52	0.01	0.02	4.30	0.68	0.32	0.84	0.01	0.02
4.31	0.64	0.36	0.73	0.01	0.03	4.32	0.62	0.38	0.67	0.01	0.03
4.33	0.60	0.40	0.63	0.01	0.03	4.34	0.57	0.43	0.58	0.01	0.03
4.35	0.56	0.44	0.55	0.01	0.03	4.36	0.52	0.48	0.51	0.01	0.04
4.37	0.50	0.50	0.48	0.01	0.04	4.38	0.49	0.51	0.46	0.01	0.04
4.39	0.48	0.52	0.46	0.01	0.04	4.40	0.48	0.52	0.45	0.01	0.04
4.41	0.48	0.52	0.45	0.01	0.04	4.42	0.48	0.52	0.46	0.01	0.04
4.43	0.49	0.51	0.46	0.01	0.04	4.44	0.47	0.53	0.45	0.01	0.04
4.45	0.51	0.49	0.49	0.01	0.04	4.46	0.53	0.47	0.52	0.01	0.04
4.47	0.56	0.44	0.55	0.01	0.03	4.48	0.58	0.42	0.59	0.01	0.03
4.49	0.60	0.40	0.63	0.01	0.03	4.50	1.85	0.00	0.00	0.01	0.00
4.51	1.61	0.00	0.00	0.01	0.00	4.52	1.25	0.00	0.00	0.01	0.00
4.53	1.22	0.00	0.00	0.01	0.00	4.54	1.47	0.00	0.00	0.01	0.00
4.55	0.61	0.39	0.66	0.01	0.03	4.56	0.71	0.29	0.98	0.01	0.02
4.57	0.76	0.24	1.27	0.01	0.02	4.58	2.00	0.00	0.00	0.01	0.00
4.59	0.90	0.00	0.00	0.01	0.01	4.60	0.65	0.35	0.75	0.01	0.03
4.61	0.65	0.35	0.74	0.01	0.03	4.62	0.85	0.00	0.00	0.01	0.01
4.63	1.69	0.00	0.00	0.01	0.00	4.64	0.80	0.20	1.62	0.01	0.02
4.65	0.58	0.42	0.59	0.01	0.03	4.66	0.57	0.43	0.58	0.01	0.03
4.67	0.57	0.43	0.58	0.01	0.03	4.68	0.57	0.43	0.58	0.01	0.03
4.69	0.58	0.42	0.59	0.01	0.03	4.70	0.59	0.41	0.62	0.01	0.03
4.71	0.57	0.43	0.57	0.01	0.03	4.72	0.57	0.43	0.58	0.01	0.03
4.73	0.62	0.38	0.66	0.01	0.03	4.74	0.62	0.38	0.68	0.01	0.03
4.75	0.59	0.41	0.61	0.01	0.03	4.76	0.63	0.37	0.69	0.01	0.03
4.77	0.62	0.38	0.67	0.01	0.03	4.78	0.58	0.42	0.60	0.01	0.03
4.79	0.57	0.43	0.58	0.01	0.03	4.80	0.59	0.41	0.60	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
4.81	0.57	0.43	0.57	0.01	0.04	4.82	0.57	0.43	0.57	0.01	0.03
4.83	0.53	0.47	0.51	0.01	0.03	4.84	0.51	0.49	0.50	0.01	0.04
4.85	0.51	0.49	0.49	0.01	0.04	4.86	0.49	0.51	0.47	0.01	0.04
4.87	0.49	0.51	0.47	0.01	0.04	4.88	0.47	0.53	0.45	0.01	0.04
4.89	0.45	0.55	0.43	0.01	0.04	4.90	0.42	0.58	0.40	0.01	0.04
4.91	0.41	0.59	0.39	0.01	0.05	4.92	0.41	0.59	0.40	0.01	0.04
4.93	0.40	0.60	0.38	0.01	0.05	4.94	0.39	0.61	0.38	0.01	0.04
4.95	0.38	0.62	0.37	0.01	0.05	4.96	0.40	0.60	0.38	0.01	0.04
4.97	0.39	0.61	0.38	0.01	0.05	4.98	0.40	0.60	0.38	0.01	0.04
4.99	0.40	0.60	0.39	0.01	0.05	5.00	0.42	0.58	0.40	0.01	0.04
5.01	0.46	0.54	0.44	0.01	0.04	5.02	0.44	0.56	0.42	0.01	0.04
5.03	0.44	0.56	0.42	0.01	0.04	5.04	0.46	0.54	0.44	0.01	0.04
5.05	0.42	0.58	0.40	0.01	0.05	5.06	0.45	0.55	0.43	0.01	0.04
5.07	0.46	0.54	0.44	0.01	0.04	5.08	0.47	0.53	0.44	0.01	0.04
5.09	0.48	0.52	0.46	0.01	0.04	5.10	0.50	0.50	0.47	0.01	0.04
5.11	0.48	0.52	0.46	0.01	0.04	5.12	0.53	0.47	0.51	0.01	0.03
5.13	0.51	0.49	0.48	0.01	0.03	5.14	0.53	0.47	0.51	0.01	0.04
5.15	0.51	0.49	0.49	0.01	0.04	5.16	0.49	0.51	0.47	0.01	0.04
5.17	0.50	0.50	0.48	0.01	0.04	5.18	0.49	0.51	0.46	0.01	0.04
5.19	0.47	0.53	0.45	0.01	0.04	5.20	0.44	0.56	0.42	0.01	0.04
5.21	0.43	0.57	0.41	0.01	0.04	5.22	0.46	0.54	0.44	0.01	0.04
5.23	0.48	0.52	0.45	0.01	0.04	5.24	0.46	0.54	0.44	0.01	0.04
5.25	0.44	0.56	0.42	0.01	0.04	5.26	0.39	0.61	0.38	0.01	0.04
5.27	0.41	0.59	0.39	0.01	0.05	5.28	0.41	0.59	0.39	0.01	0.04
5.29	0.41	0.59	0.40	0.01	0.05	5.30	0.40	0.60	0.38	0.01	0.04
5.31	0.39	0.61	0.38	0.01	0.05	5.32	0.39	0.61	0.38	0.01	0.04
5.33	0.38	0.62	0.37	0.01	0.05	5.34	0.38	0.62	0.37	0.01	0.04
5.35	0.36	0.64	0.36	0.01	0.05	5.36	0.39	0.61	0.37	0.01	0.04
5.37	0.41	0.59	0.39	0.01	0.05	5.38	0.41	0.59	0.39	0.01	0.05
5.39	0.42	0.58	0.40	0.01	0.04	5.40	0.42	0.58	0.40	0.01	0.04
5.41	0.42	0.58	0.40	0.01	0.04	5.42	0.41	0.59	0.39	0.01	0.04
5.43	0.40	0.60	0.38	0.01	0.04	5.44	0.38	0.62	0.37	0.01	0.05
5.45	0.37	0.63	0.37	0.01	0.04	5.46	0.36	0.64	0.36	0.01	0.05
5.47	0.38	0.62	0.37	0.01	0.04	5.48	0.39	0.61	0.38	0.01	0.05
5.49	0.37	0.63	0.37	0.01	0.04	5.50	0.37	0.63	0.36	0.01	0.05
5.51	0.36	0.64	0.36	0.01	0.05	5.52	0.37	0.63	0.36	0.01	0.04
5.53	0.44	0.56	0.42	0.01	0.04	5.54	0.40	0.60	0.39	0.01	0.04
5.55	0.44	0.56	0.42	0.01	0.04	5.56	0.43	0.57	0.41	0.01	0.04
5.57	0.45	0.55	0.42	0.01	0.04	5.58	0.44	0.56	0.42	0.01	0.04
5.59	0.42	0.58	0.40	0.01	0.04	5.60	0.42	0.58	0.40	0.01	0.04
5.61	0.42	0.58	0.40	0.01	0.04	5.62	0.42	0.58	0.40	0.01	0.04
5.63	0.40	0.60	0.39	0.01	0.04	5.64	2.00	0.00	0.00	0.01	0.00
5.65	2.00	0.00	0.00	0.01	0.00	5.66	2.00	0.00	0.00	0.01	0.00
5.67	0.40	0.60	0.38	0.01	0.05	5.68	0.42	0.58	0.40	0.01	0.04
5.69	0.44	0.56	0.42	0.01	0.04	5.70	0.43	0.57	0.41	0.01	0.04
5.71	0.45	0.55	0.43	0.01	0.04	5.72	0.43	0.57	0.41	0.01	0.04
5.73	0.42	0.58	0.40	0.01	0.04	5.74	0.42	0.58	0.40	0.01	0.04
5.75	0.40	0.60	0.38	0.01	0.05	5.76	0.41	0.59	0.39	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
5.77	0.40	0.60	0.39	0.01	0.04	5.78	0.39	0.61	0.37	0.01	0.05
5.79	0.38	0.62	0.37	0.01	0.04	5.80	0.37	0.63	0.36	0.01	0.05
5.81	0.38	0.62	0.37	0.01	0.04	5.82	0.37	0.63	0.36	0.01	0.05
5.83	0.37	0.63	0.36	0.01	0.04	5.84	0.36	0.64	0.36	0.01	0.05
5.85	0.37	0.63	0.36	0.01	0.04	5.86	0.36	0.64	0.36	0.01	0.05
5.87	0.36	0.64	0.36	0.01	0.04	5.88	0.33	0.67	0.34	0.01	0.04
5.89	0.35	0.65	0.35	0.01	0.05	5.90	0.34	0.66	0.34	0.01	0.04
5.91	0.34	0.66	0.35	0.01	0.05	5.92	0.36	0.64	0.36	0.01	0.04
5.93	0.37	0.63	0.36	0.01	0.05	5.94	0.37	0.63	0.36	0.01	0.04
5.95	0.39	0.61	0.38	0.01	0.04	5.96	0.39	0.61	0.38	0.01	0.04
5.97	0.41	0.59	0.40	0.01	0.04	5.98	0.45	0.55	0.43	0.01	0.04
5.99	0.65	0.35	0.76	0.01	0.03	6.00	0.70	0.30	0.90	0.01	0.02
6.01	0.69	0.31	0.90	0.01	0.02	6.02	0.68	0.32	0.83	0.01	0.02
6.03	0.45	0.55	0.43	0.01	0.04	6.04	0.50	0.50	0.48	0.01	0.03
6.05	0.50	0.50	0.48	0.01	0.03	6.06	0.51	0.49	0.49	0.01	0.04
6.07	0.54	0.46	0.54	0.01	0.03	6.08	0.56	0.44	0.57	0.01	0.03
6.09	0.55	0.45	0.55	0.01	0.03	6.10	0.59	0.41	0.61	0.01	0.03
6.11	0.59	0.41	0.60	0.01	0.03	6.12	0.58	0.42	0.60	0.01	0.03
6.13	0.61	0.39	0.66	0.01	0.03	6.14	0.62	0.38	0.66	0.01	0.03
6.15	0.59	0.41	0.61	0.01	0.03	6.16	0.59	0.41	0.61	0.01	0.03
6.17	0.55	0.45	0.54	0.01	0.03	6.18	0.53	0.47	0.51	0.01	0.03
6.19	0.49	0.51	0.47	0.01	0.04	6.20	0.44	0.56	0.42	0.01	0.04
6.21	0.42	0.58	0.40	0.01	0.04	6.22	0.42	0.58	0.40	0.01	0.04
6.23	0.39	0.61	0.38	0.01	0.04	6.24	0.37	0.63	0.37	0.01	0.05
6.25	0.37	0.63	0.36	0.01	0.04	6.26	0.38	0.62	0.37	0.01	0.05
6.27	0.39	0.61	0.38	0.01	0.04	6.28	0.41	0.59	0.39	0.01	0.04
6.29	0.42	0.58	0.40	0.01	0.04	6.30	0.41	0.59	0.39	0.01	0.04
6.31	0.42	0.58	0.41	0.01	0.04	6.32	0.42	0.58	0.40	0.01	0.04
6.33	0.41	0.59	0.39	0.01	0.04	6.34	0.40	0.60	0.39	0.01	0.04
6.35	0.39	0.61	0.38	0.01	0.04	6.36	0.37	0.63	0.37	0.01	0.04
6.37	0.39	0.61	0.38	0.01	0.04	6.38	0.36	0.64	0.36	0.01	0.04
6.39	0.39	0.61	0.38	0.01	0.04	6.40	0.37	0.63	0.36	0.01	0.05
6.41	0.40	0.60	0.38	0.01	0.04	6.42	0.36	0.64	0.36	0.01	0.05
6.43	0.37	0.63	0.36	0.01	0.04	6.44	0.35	0.65	0.35	0.01	0.05
6.45	0.37	0.63	0.36	0.01	0.04	6.46	0.38	0.62	0.37	0.01	0.04
6.47	0.39	0.61	0.37	0.01	0.04	6.48	0.39	0.61	0.38	0.01	0.04
6.49	0.38	0.62	0.37	0.01	0.04	6.50	0.38	0.62	0.37	0.01	0.04
6.51	0.39	0.61	0.38	0.01	0.04	6.52	0.40	0.60	0.39	0.01	0.04
6.53	0.41	0.59	0.39	0.01	0.04	6.54	0.40	0.60	0.38	0.01	0.04
6.55	0.40	0.60	0.39	0.01	0.04	6.56	0.40	0.60	0.38	0.01	0.04
6.57	0.39	0.61	0.38	0.01	0.04	6.58	0.40	0.60	0.39	0.01	0.04
6.59	0.37	0.63	0.36	0.01	0.04	6.60	0.35	0.65	0.35	0.01	0.04
6.61	0.36	0.64	0.36	0.01	0.04	6.62	0.35	0.65	0.35	0.01	0.05
6.63	0.34	0.66	0.34	0.01	0.04	6.64	0.37	0.63	0.36	0.01	0.04
6.65	0.35	0.65	0.35	0.01	0.04	6.66	0.37	0.63	0.37	0.01	0.04
6.67	0.38	0.62	0.37	0.01	0.04	6.68	0.37	0.63	0.36	0.01	0.04
6.69	0.39	0.61	0.38	0.01	0.04	6.70	0.38	0.62	0.37	0.01	0.04
6.71	0.38	0.62	0.37	0.01	0.04	6.72	0.40	0.60	0.38	0.01	0.04

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
6.73	0.40	0.60	0.39	0.01	0.04	6.74	0.40	0.60	0.38	0.01	0.04
6.75	0.42	0.58	0.40	0.01	0.04	6.76	0.40	0.60	0.38	0.01	0.04
6.77	0.42	0.58	0.40	0.01	0.04	6.78	0.40	0.60	0.39	0.01	0.04
6.79	0.38	0.62	0.37	0.01	0.04	6.80	0.38	0.62	0.37	0.01	0.04
6.81	2.00	0.00	0.00	0.01	0.00	6.82	2.00	0.00	0.00	0.01	0.00
6.83	2.00	0.00	0.00	0.01	0.00	6.84	2.00	0.00	0.00	0.01	0.00
6.85	2.00	0.00	0.00	0.01	0.00	6.86	2.00	0.00	0.00	0.01	0.00
6.87	2.00	0.00	0.00	0.01	0.00	6.88	2.00	0.00	0.00	0.01	0.00
6.89	2.00	0.00	0.00	0.01	0.00	6.90	2.00	0.00	0.00	0.01	0.00
6.91	2.00	0.00	0.00	0.01	0.00	6.92	2.00	0.00	0.00	0.01	0.00
6.93	2.00	0.00	0.00	0.01	0.00	6.94	2.00	0.00	0.00	0.01	0.00
6.95	2.00	0.00	0.00	0.01	0.00	6.96	2.00	0.00	0.00	0.01	0.00
6.97	2.00	0.00	0.00	0.01	0.00	6.98	2.00	0.00	0.00	0.01	0.00
6.99	2.00	0.00	0.00	0.01	0.00	7.00	2.00	0.00	0.00	0.01	0.00
7.01	0.39	0.61	0.38	0.01	0.04	7.02	0.40	0.60	0.39	0.01	0.04
7.03	0.40	0.60	0.39	0.01	0.04	7.04	0.38	0.62	0.37	0.01	0.04
7.05	0.37	0.63	0.37	0.01	0.04	7.06	0.37	0.63	0.36	0.01	0.04
7.07	0.36	0.64	0.36	0.01	0.04	7.08	0.40	0.60	0.38	0.01	0.04
7.09	0.37	0.63	0.37	0.01	0.04	7.10	0.39	0.61	0.38	0.01	0.04
7.11	0.40	0.60	0.38	0.01	0.04	7.12	0.39	0.61	0.38	0.01	0.04
7.13	0.38	0.62	0.37	0.01	0.04	7.14	0.40	0.60	0.39	0.01	0.04
7.15	0.38	0.62	0.37	0.01	0.04	7.16	0.37	0.63	0.37	0.01	0.04
7.17	0.39	0.61	0.37	0.01	0.04	7.18	0.38	0.62	0.37	0.01	0.04
7.19	0.36	0.64	0.36	0.01	0.04	7.20	0.39	0.61	0.38	0.01	0.04
7.21	0.36	0.64	0.36	0.01	0.04	7.22	2.00	0.00	0.00	0.01	0.00
7.23	2.00	0.00	0.00	0.01	0.00	7.24	2.00	0.00	0.00	0.01	0.00
7.25	2.00	0.00	0.00	0.01	0.00	7.26	2.00	0.00	0.00	0.01	0.00
7.27	2.00	0.00	0.00	0.01	0.00	7.28	0.38	0.62	0.37	0.01	0.04
7.29	0.42	0.58	0.40	0.01	0.04	7.30	0.43	0.57	0.41	0.01	0.04
7.31	0.41	0.59	0.40	0.01	0.04	7.32	0.40	0.60	0.38	0.01	0.04
7.33	0.38	0.62	0.37	0.01	0.04	7.34	0.37	0.63	0.37	0.01	0.04
7.35	0.35	0.65	0.35	0.01	0.04	7.36	0.37	0.63	0.37	0.01	0.04
7.37	0.37	0.63	0.37	0.01	0.04	7.38	0.37	0.63	0.36	0.01	0.04
7.39	0.38	0.62	0.37	0.01	0.04	7.40	0.38	0.62	0.37	0.01	0.04
7.41	0.38	0.62	0.37	0.01	0.04	7.42	0.39	0.61	0.37	0.01	0.04
7.43	0.40	0.60	0.38	0.01	0.04	7.44	0.40	0.60	0.38	0.01	0.04
7.45	0.38	0.62	0.37	0.01	0.04	7.46	0.37	0.63	0.37	0.01	0.04
7.47	0.39	0.61	0.38	0.01	0.04	7.48	0.38	0.62	0.37	0.01	0.04
7.49	0.38	0.62	0.37	0.01	0.04	7.50	0.38	0.62	0.37	0.01	0.04
7.51	2.00	0.00	0.00	0.01	0.00	7.52	2.00	0.00	0.00	0.01	0.00
7.53	2.00	0.00	0.00	0.01	0.00	7.54	2.00	0.00	0.00	0.01	0.00
7.55	2.00	0.00	0.00	0.01	0.00	7.56	2.00	0.00	0.00	0.01	0.00
7.57	2.00	0.00	0.00	0.01	0.00	7.58	2.00	0.00	0.00	0.01	0.00
7.59	2.00	0.00	0.00	0.01	0.00	7.60	2.00	0.00	0.00	0.01	0.00
7.61	2.00	0.00	0.00	0.01	0.00	7.62	2.00	0.00	0.00	0.01	0.00
7.63	2.00	0.00	0.00	0.01	0.00	7.64	2.00	0.00	0.00	0.01	0.00
7.65	2.00	0.00	0.00	0.01	0.00	7.66	2.00	0.00	0.00	0.01	0.00
7.67	2.00	0.00	0.00	0.01	0.00	7.68	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
7.69	2.00	0.00	0.00	0.01	0.00	7.70	2.00	0.00	0.00	0.01	0.00
7.71	2.00	0.00	0.00	0.01	0.00	7.72	2.00	0.00	0.00	0.01	0.00
7.73	2.00	0.00	0.00	0.01	0.00	7.74	2.00	0.00	0.00	0.01	0.00
7.75	2.00	0.00	0.00	0.01	0.00	7.76	2.00	0.00	0.00	0.01	0.00
7.77	2.00	0.00	0.00	0.01	0.00	7.78	2.00	0.00	0.00	0.01	0.00
7.79	2.00	0.00	0.00	0.01	0.00	7.80	2.00	0.00	0.00	0.01	0.00
7.81	2.00	0.00	0.00	0.01	0.00	7.82	2.00	0.00	0.00	0.01	0.00
7.83	2.00	0.00	0.00	0.01	0.00	7.84	2.00	0.00	0.00	0.01	0.00
7.85	2.00	0.00	0.00	0.01	0.00	7.86	2.00	0.00	0.00	0.01	0.00
7.87	2.00	0.00	0.00	0.01	0.00	7.88	2.00	0.00	0.00	0.01	0.00
7.89	2.00	0.00	0.00	0.01	0.00	7.90	2.00	0.00	0.00	0.01	0.00
7.91	2.00	0.00	0.00	0.01	0.00	7.92	2.00	0.00	0.00	0.01	0.00
7.93	2.00	0.00	0.00	0.01	0.00	7.94	0.38	0.62	0.37	0.01	0.04
7.95	0.40	0.60	0.38	0.01	0.03	7.96	0.39	0.61	0.38	0.01	0.04
7.97	0.40	0.60	0.39	0.01	0.03	7.98	0.41	0.59	0.39	0.01	0.04
7.99	0.40	0.60	0.39	0.01	0.03	8.00	0.39	0.61	0.38	0.01	0.04
8.01	0.42	0.58	0.40	0.01	0.03	8.02	0.40	0.60	0.38	0.01	0.04
8.03	0.40	0.60	0.39	0.01	0.03	8.04	0.38	0.62	0.37	0.01	0.04
8.05	0.40	0.60	0.39	0.01	0.03	8.06	0.38	0.62	0.37	0.01	0.04
8.07	0.40	0.60	0.38	0.01	0.03	8.08	0.38	0.62	0.37	0.01	0.04
8.09	0.37	0.63	0.37	0.01	0.04	8.10	0.38	0.62	0.37	0.01	0.04
8.11	0.38	0.62	0.37	0.01	0.04	8.12	0.37	0.63	0.36	0.01	0.04
8.13	0.37	0.63	0.37	0.01	0.04	8.14	0.39	0.61	0.38	0.01	0.03
8.15	0.38	0.62	0.37	0.01	0.04	8.16	0.40	0.60	0.38	0.01	0.03
8.17	0.40	0.60	0.38	0.01	0.04	8.18	0.38	0.62	0.37	0.01	0.04
8.19	0.39	0.61	0.38	0.01	0.03	8.20	0.39	0.61	0.38	0.01	0.04
8.21	0.40	0.60	0.39	0.01	0.03	8.22	0.40	0.60	0.39	0.01	0.04
8.23	0.43	0.57	0.41	0.01	0.03	8.24	0.42	0.58	0.40	0.01	0.04
8.25	0.44	0.56	0.42	0.01	0.03	8.26	0.44	0.56	0.42	0.01	0.03
8.27	0.43	0.57	0.41	0.01	0.03	8.28	0.44	0.56	0.42	0.01	0.03
8.29	0.43	0.57	0.41	0.01	0.03	8.30	0.39	0.61	0.38	0.01	0.04
8.31	0.38	0.62	0.37	0.01	0.03	8.32	0.35	0.65	0.35	0.01	0.04
8.33	0.37	0.63	0.36	0.01	0.04	8.34	0.36	0.64	0.36	0.01	0.03
8.35	0.37	0.63	0.37	0.01	0.04	8.36	0.39	0.61	0.38	0.01	0.03
8.37	0.40	0.60	0.39	0.01	0.04	8.38	0.41	0.59	0.39	0.01	0.03
8.39	0.42	0.58	0.40	0.01	0.04	8.40	0.42	0.58	0.40	0.01	0.03
8.41	0.43	0.57	0.41	0.01	0.03	8.42	0.42	0.58	0.40	0.01	0.03
8.43	0.43	0.57	0.41	0.01	0.03	8.44	0.42	0.58	0.40	0.01	0.03
8.45	0.41	0.59	0.40	0.01	0.04	8.46	0.43	0.57	0.41	0.01	0.03
8.47	0.43	0.57	0.41	0.01	0.03	8.48	0.44	0.56	0.41	0.01	0.03
8.49	0.44	0.56	0.41	0.01	0.03	8.50	0.41	0.59	0.39	0.01	0.03
8.51	0.39	0.61	0.38	0.01	0.04	8.52	0.39	0.61	0.38	0.01	0.03
8.53	0.38	0.62	0.37	0.01	0.04	8.54	0.45	0.55	0.43	0.01	0.03
8.55	0.38	0.62	0.37	0.01	0.03	8.56	0.30	0.70	0.32	0.01	0.04
8.57	0.34	0.66	0.35	0.01	0.04	8.58	0.37	0.63	0.36	0.01	0.04
8.59	0.38	0.62	0.37	0.01	0.03	8.60	0.39	0.61	0.38	0.01	0.04
8.61	0.37	0.63	0.36	0.01	0.03	8.62	2.00	0.00	0.00	0.01	0.00
8.63	2.00	0.00	0.00	0.01	0.00	8.64	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
8.65	2.00	0.00	0.00	0.01	0.00	8.66	2.00	0.00	0.00	0.01	0.00
8.67	2.00	0.00	0.00	0.01	0.00	8.68	2.00	0.00	0.00	0.01	0.00
8.69	2.00	0.00	0.00	0.01	0.00	8.70	2.00	0.00	0.00	0.01	0.00
8.71	2.00	0.00	0.00	0.01	0.00	8.72	2.00	0.00	0.00	0.01	0.00
8.73	2.00	0.00	0.00	0.01	0.00	8.74	2.00	0.00	0.00	0.01	0.00
8.75	2.00	0.00	0.00	0.01	0.00	8.76	2.00	0.00	0.00	0.01	0.00
8.77	2.00	0.00	0.00	0.01	0.00	8.78	2.00	0.00	0.00	0.01	0.00
8.79	0.38	0.62	0.37	0.01	0.04	8.80	0.39	0.61	0.38	0.01	0.03
8.81	0.39	0.61	0.38	0.01	0.04	8.82	0.38	0.62	0.37	0.01	0.03
8.83	0.37	0.63	0.37	0.01	0.04	8.84	0.38	0.62	0.37	0.01	0.03
8.85	0.37	0.63	0.37	0.01	0.04	8.86	0.38	0.62	0.37	0.01	0.03
8.87	2.00	0.00	0.00	0.01	0.00	8.88	2.00	0.00	0.00	0.01	0.00
8.89	2.00	0.00	0.00	0.01	0.00	8.90	2.00	0.00	0.00	0.01	0.00
8.91	2.00	0.00	0.00	0.01	0.00	8.92	2.00	0.00	0.00	0.01	0.00
8.93	2.00	0.00	0.00	0.01	0.00	8.94	2.00	0.00	0.00	0.01	0.00
8.95	2.00	0.00	0.00	0.01	0.00	8.96	2.00	0.00	0.00	0.01	0.00
8.97	2.00	0.00	0.00	0.01	0.00	8.98	2.00	0.00	0.00	0.01	0.00
8.99	2.00	0.00	0.00	0.01	0.00	9.00	0.38	0.62	0.37	0.01	0.03
9.01	0.38	0.62	0.37	0.01	0.04	9.02	0.38	0.62	0.37	0.01	0.03
9.03	0.39	0.61	0.38	0.01	0.04	9.04	0.40	0.60	0.38	0.01	0.03
9.05	0.38	0.62	0.37	0.01	0.04	9.06	0.40	0.60	0.39	0.01	0.03
9.07	0.39	0.61	0.38	0.01	0.04	9.08	0.41	0.59	0.39	0.01	0.03
9.09	0.40	0.60	0.38	0.01	0.03	9.10	0.39	0.61	0.38	0.01	0.03
9.11	0.40	0.60	0.39	0.01	0.03	9.12	0.39	0.61	0.38	0.01	0.03
9.13	0.40	0.60	0.39	0.01	0.03	9.14	0.39	0.61	0.38	0.01	0.03
9.15	0.38	0.62	0.37	0.01	0.03	9.16	0.39	0.61	0.38	0.01	0.03
9.17	0.37	0.63	0.37	0.01	0.03	9.18	2.00	0.00	0.00	0.01	0.00
9.19	2.00	0.00	0.00	0.01	0.00	9.20	2.00	0.00	0.00	0.01	0.00
9.21	2.00	0.00	0.00	0.01	0.00	9.22	0.38	0.62	0.37	0.01	0.03
9.23	0.39	0.61	0.38	0.01	0.03	9.24	0.39	0.61	0.37	0.01	0.03
9.25	0.40	0.60	0.38	0.01	0.03	9.26	0.42	0.58	0.40	0.01	0.03
9.27	0.39	0.61	0.38	0.01	0.03	9.28	0.39	0.61	0.38	0.01	0.03
9.29	0.35	0.65	0.35	0.01	0.04	9.30	0.37	0.63	0.37	0.01	0.03
9.31	0.35	0.65	0.35	0.01	0.04	9.32	0.37	0.63	0.37	0.01	0.03
9.33	0.37	0.63	0.36	0.01	0.04	9.34	0.38	0.62	0.37	0.01	0.03
9.35	0.39	0.61	0.38	0.01	0.03	9.36	0.38	0.62	0.37	0.01	0.04
9.37	0.40	0.60	0.38	0.01	0.03	9.38	0.39	0.61	0.38	0.01	0.03
9.39	0.37	0.63	0.37	0.01	0.03	9.40	0.39	0.61	0.38	0.01	0.03
9.41	0.37	0.63	0.36	0.01	0.03	9.42	2.00	0.00	0.00	0.01	0.00
9.43	0.37	0.63	0.36	0.01	0.04	9.44	2.00	0.00	0.00	0.01	0.00
9.45	2.00	0.00	0.00	0.01	0.00	9.46	2.00	0.00	0.00	0.01	0.00
9.47	2.00	0.00	0.00	0.01	0.00	9.48	2.00	0.00	0.00	0.01	0.00
9.49	2.00	0.00	0.00	0.01	0.00	9.50	2.00	0.00	0.00	0.01	0.00
9.51	2.00	0.00	0.00	0.01	0.00	9.52	2.00	0.00	0.00	0.01	0.00
9.53	2.00	0.00	0.00	0.01	0.00	9.54	2.00	0.00	0.00	0.01	0.00
9.55	2.00	0.00	0.00	0.01	0.00	9.56	0.37	0.63	0.37	0.01	0.03
9.57	0.36	0.64	0.36	0.01	0.03	9.58	0.38	0.62	0.37	0.01	0.03
9.59	0.36	0.64	0.36	0.01	0.03	9.60	0.37	0.63	0.36	0.01	0.03

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
9.61	2.00	0.00	0.00	0.01	0.00	9.62	2.00	0.00	0.00	0.01	0.00
9.63	2.00	0.00	0.00	0.01	0.00	9.64	2.00	0.00	0.00	0.01	0.00
9.65	2.00	0.00	0.00	0.01	0.00	9.66	2.00	0.00	0.00	0.01	0.00
9.67	2.00	0.00	0.00	0.01	0.00	9.68	2.00	0.00	0.00	0.01	0.00
9.69	2.00	0.00	0.00	0.01	0.00	9.70	2.00	0.00	0.00	0.01	0.00
9.71	2.00	0.00	0.00	0.01	0.00	9.72	0.37	0.63	0.36	0.01	0.03
9.73	0.37	0.63	0.37	0.01	0.03	9.74	0.37	0.63	0.37	0.01	0.03
9.75	0.36	0.64	0.36	0.01	0.03	9.76	0.37	0.63	0.37	0.01	0.03
9.77	0.38	0.62	0.37	0.01	0.03	9.78	0.36	0.64	0.36	0.01	0.03
9.79	0.37	0.63	0.36	0.01	0.03	9.80	0.37	0.63	0.37	0.01	0.03
9.81	0.36	0.64	0.36	0.01	0.03	9.82	0.37	0.63	0.37	0.01	0.03
9.83	2.00	0.00	0.00	0.01	0.00	9.84	2.00	0.00	0.00	0.01	0.00
9.85	2.00	0.00	0.00	0.01	0.00	9.86	2.00	0.00	0.00	0.01	0.00
9.87	2.00	0.00	0.00	0.01	0.00	9.88	2.00	0.00	0.00	0.01	0.00
9.89	2.00	0.00	0.00	0.01	0.00	9.90	2.00	0.00	0.00	0.01	0.00
9.91	2.00	0.00	0.00	0.01	0.00	9.92	2.00	0.00	0.00	0.01	0.00
9.93	2.00	0.00	0.00	0.01	0.00	9.94	2.00	0.00	0.00	0.01	0.00
9.95	2.00	0.00	0.00	0.01	0.00	9.96	2.00	0.00	0.00	0.01	0.00
9.97	2.00	0.00	0.00	0.01	0.00	9.98	2.00	0.00	0.00	0.01	0.00
9.99	2.00	0.00	0.00	0.01	0.00	10.00	2.00	0.00	0.00	0.01	0.00
10.01	2.00	0.00	0.00	0.01	0.00	10.02	2.00	0.00	0.00	0.01	0.00
10.03	2.00	0.00	0.00	0.01	0.00	10.04	2.00	0.00	0.00	0.01	0.00
10.05	2.00	0.00	0.00	0.01	0.00	10.06	2.00	0.00	0.00	0.01	0.00
10.07	2.00	0.00	0.00	0.01	0.00	10.08	2.00	0.00	0.00	0.01	0.00
10.09	2.00	0.00	0.00	0.01	0.00	10.10	2.00	0.00	0.00	0.01	0.00
10.11	2.00	0.00	0.00	0.01	0.00	10.12	2.00	0.00	0.00	0.01	0.00
10.13	2.00	0.00	0.00	0.01	0.00	10.14	2.00	0.00	0.00	0.01	0.00
10.15	2.00	0.00	0.00	0.01	0.00	10.16	2.00	0.00	0.00	0.01	0.00
10.17	2.00	0.00	0.00	0.01	0.00	10.18	0.37	0.63	0.36	0.01	0.03
10.19	0.37	0.63	0.36	0.01	0.03	10.20	2.00	0.00	0.00	0.01	0.00
10.21	2.00	0.00	0.00	0.01	0.00	10.22	2.00	0.00	0.00	0.01	0.00
10.23	2.00	0.00	0.00	0.01	0.00	10.24	2.00	0.00	0.00	0.01	0.00
10.25	2.00	0.00	0.00	0.01	0.00	10.26	2.00	0.00	0.00	0.01	0.00
10.27	0.36	0.64	0.36	0.01	0.03	10.28	0.38	0.62	0.37	0.01	0.03
10.29	0.38	0.62	0.37	0.01	0.03	10.30	0.37	0.63	0.36	0.01	0.03
10.31	0.37	0.63	0.36	0.01	0.03	10.32	0.38	0.62	0.37	0.01	0.03
10.33	0.37	0.63	0.36	0.01	0.03	10.34	0.38	0.62	0.37	0.01	0.03
10.35	0.38	0.62	0.37	0.01	0.03	10.36	0.37	0.63	0.37	0.01	0.03
10.37	0.37	0.63	0.37	0.01	0.03	10.38	0.38	0.62	0.37	0.01	0.03
10.39	0.37	0.63	0.37	0.01	0.03	10.40	2.00	0.00	0.00	0.01	0.00
10.41	2.00	0.00	0.00	0.01	0.00	10.42	2.00	0.00	0.00	0.01	0.00
10.43	2.00	0.00	0.00	0.01	0.00	10.44	2.00	0.00	0.00	0.01	0.00
10.45	2.00	0.00	0.00	0.01	0.00	10.46	2.00	0.00	0.00	0.01	0.00
10.47	2.00	0.00	0.00	0.01	0.00	10.48	2.00	0.00	0.00	0.01	0.00
10.49	2.00	0.00	0.00	0.01	0.00	10.50	2.00	0.00	0.00	0.01	0.00
10.51	2.00	0.00	0.00	0.01	0.00	10.52	2.00	0.00	0.00	0.01	0.00
10.53	2.00	0.00	0.00	0.01	0.00	10.54	2.00	0.00	0.00	0.01	0.00
10.55	2.00	0.00	0.00	0.01	0.00	10.56	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
10.57	2.00	0.00	0.00	0.01	0.00	10.58	2.00	0.00	0.00	0.01	0.00
10.59	2.00	0.00	0.00	0.01	0.00	10.60	2.00	0.00	0.00	0.01	0.00
10.61	2.00	0.00	0.00	0.01	0.00	10.62	2.00	0.00	0.00	0.01	0.00
10.63	2.00	0.00	0.00	0.01	0.00	10.64	2.00	0.00	0.00	0.01	0.00
10.65	2.00	0.00	0.00	0.01	0.00	10.66	2.00	0.00	0.00	0.01	0.00
10.67	2.00	0.00	0.00	0.01	0.00	10.68	2.00	0.00	0.00	0.01	0.00
10.69	2.00	0.00	0.00	0.01	0.00	10.70	2.00	0.00	0.00	0.01	0.00
10.71	2.00	0.00	0.00	0.01	0.00	10.72	2.00	0.00	0.00	0.01	0.00
10.73	2.00	0.00	0.00	0.01	0.00	10.74	2.00	0.00	0.00	0.01	0.00
10.75	2.00	0.00	0.00	0.01	0.00	10.76	2.00	0.00	0.00	0.01	0.00
10.77	2.00	0.00	0.00	0.01	0.00	10.78	2.00	0.00	0.00	0.01	0.00
10.79	2.00	0.00	0.00	0.01	0.00	10.80	2.00	0.00	0.00	0.01	0.00
10.81	2.00	0.00	0.00	0.01	0.00	10.82	2.00	0.00	0.00	0.01	0.00
10.83	2.00	0.00	0.00	0.01	0.00	10.84	2.00	0.00	0.00	0.01	0.00
10.85	2.00	0.00	0.00	0.01	0.00	10.86	2.00	0.00	0.00	0.01	0.00
10.87	2.00	0.00	0.00	0.01	0.00	10.88	2.00	0.00	0.00	0.01	0.00
10.89	2.00	0.00	0.00	0.01	0.00	10.90	2.00	0.00	0.00	0.01	0.00
10.91	2.00	0.00	0.00	0.01	0.00	10.92	2.00	0.00	0.00	0.01	0.00
10.93	2.00	0.00	0.00	0.01	0.00	10.94	2.00	0.00	0.00	0.01	0.00
10.95	2.00	0.00	0.00	0.01	0.00	10.96	2.00	0.00	0.00	0.01	0.00
10.97	2.00	0.00	0.00	0.01	0.00	10.98	2.00	0.00	0.00	0.01	0.00
10.99	2.00	0.00	0.00	0.01	0.00	11.00	2.00	0.00	0.00	0.01	0.00
11.01	2.00	0.00	0.00	0.01	0.00	11.02	2.00	0.00	0.00	0.01	0.00
11.03	2.00	0.00	0.00	0.01	0.00	11.04	2.00	0.00	0.00	0.01	0.00
11.05	2.00	0.00	0.00	0.01	0.00	11.06	2.00	0.00	0.00	0.01	0.00
11.07	2.00	0.00	0.00	0.01	0.00	11.08	2.00	0.00	0.00	0.01	0.00
11.09	2.00	0.00	0.00	0.01	0.00	11.10	2.00	0.00	0.00	0.01	0.00
11.11	2.00	0.00	0.00	0.01	0.00	11.12	2.00	0.00	0.00	0.01	0.00
11.13	2.00	0.00	0.00	0.01	0.00	11.14	2.00	0.00	0.00	0.01	0.00
11.15	2.00	0.00	0.00	0.01	0.00	11.16	2.00	0.00	0.00	0.01	0.00
11.17	2.00	0.00	0.00	0.01	0.00	11.18	2.00	0.00	0.00	0.01	0.00
11.19	2.00	0.00	0.00	0.01	0.00	11.20	2.00	0.00	0.00	0.01	0.00
11.21	2.00	0.00	0.00	0.01	0.00	11.22	2.00	0.00	0.00	0.01	0.00
11.23	2.00	0.00	0.00	0.01	0.00	11.24	2.00	0.00	0.00	0.01	0.00
11.25	2.00	0.00	0.00	0.01	0.00	11.26	2.00	0.00	0.00	0.01	0.00
11.27	2.00	0.00	0.00	0.01	0.00	11.28	2.00	0.00	0.00	0.01	0.00
11.29	2.00	0.00	0.00	0.01	0.00	11.30	2.00	0.00	0.00	0.01	0.00
11.31	2.00	0.00	0.00	0.01	0.00	11.32	2.00	0.00	0.00	0.01	0.00
11.33	2.00	0.00	0.00	0.01	0.00	11.34	2.00	0.00	0.00	0.01	0.00
11.35	2.00	0.00	0.00	0.01	0.00	11.36	2.00	0.00	0.00	0.01	0.00
11.37	2.00	0.00	0.00	0.01	0.00	11.38	2.00	0.00	0.00	0.01	0.00
11.39	2.00	0.00	0.00	0.01	0.00	11.40	2.00	0.00	0.00	0.01	0.00
11.41	2.00	0.00	0.00	0.01	0.00	11.42	2.00	0.00	0.00	0.01	0.00
11.43	2.00	0.00	0.00	0.01	0.00	11.44	2.00	0.00	0.00	0.01	0.00
11.45	2.00	0.00	0.00	0.01	0.00	11.46	2.00	0.00	0.00	0.01	0.00
11.47	2.00	0.00	0.00	0.01	0.00	11.48	2.00	0.00	0.00	0.01	0.00
11.49	2.00	0.00	0.00	0.01	0.00	11.50	2.00	0.00	0.00	0.01	0.00
11.51	2.00	0.00	0.00	0.01	0.00	11.52	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
11.53	2.00	0.00	0.00	0.01	0.00	11.54	2.00	0.00	0.00	0.01	0.00
11.55	2.00	0.00	0.00	0.01	0.00	11.56	2.00	0.00	0.00	0.01	0.00
11.57	2.00	0.00	0.00	0.01	0.00	11.58	2.00	0.00	0.00	0.01	0.00
11.59	2.00	0.00	0.00	0.01	0.00	11.60	2.00	0.00	0.00	0.01	0.00
11.61	2.00	0.00	0.00	0.01	0.00	11.62	2.00	0.00	0.00	0.01	0.00
11.63	2.00	0.00	0.00	0.01	0.00	11.64	2.00	0.00	0.00	0.01	0.00
11.65	2.00	0.00	0.00	0.01	0.00	11.66	2.00	0.00	0.00	0.01	0.00
11.67	2.00	0.00	0.00	0.01	0.00	11.68	2.00	0.00	0.00	0.01	0.00
11.69	2.00	0.00	0.00	0.01	0.00	11.70	2.00	0.00	0.00	0.01	0.00
11.71	2.00	0.00	0.00	0.01	0.00	11.72	2.00	0.00	0.00	0.01	0.00
11.73	2.00	0.00	0.00	0.01	0.00	11.74	2.00	0.00	0.00	0.01	0.00
11.75	2.00	0.00	0.00	0.01	0.00	11.76	2.00	0.00	0.00	0.01	0.00
11.77	2.00	0.00	0.00	0.01	0.00	11.78	2.00	0.00	0.00	0.01	0.00
11.79	2.00	0.00	0.00	0.01	0.00	11.80	2.00	0.00	0.00	0.01	0.00
11.81	2.00	0.00	0.00	0.01	0.00	11.82	2.00	0.00	0.00	0.01	0.00
11.83	2.00	0.00	0.00	0.01	0.00	11.84	2.00	0.00	0.00	0.01	0.00
11.85	2.00	0.00	0.00	0.01	0.00	11.86	2.00	0.00	0.00	0.01	0.00
11.87	2.00	0.00	0.00	0.01	0.00	11.88	2.00	0.00	0.00	0.01	0.00
11.89	2.00	0.00	0.00	0.01	0.00	11.90	2.00	0.00	0.00	0.01	0.00
11.91	2.00	0.00	0.00	0.01	0.00	11.92	2.00	0.00	0.00	0.01	0.00
11.93	2.00	0.00	0.00	0.01	0.00	11.94	2.00	0.00	0.00	0.01	0.00
11.95	2.00	0.00	0.00	0.01	0.00	11.96	2.00	0.00	0.00	0.01	0.00
11.97	2.00	0.00	0.00	0.01	0.00	11.98	2.00	0.00	0.00	0.01	0.00
11.99	2.00	0.00	0.00	0.01	0.00	12.00	2.00	0.00	0.00	0.01	0.00
12.01	2.00	0.00	0.00	0.01	0.00	12.02	2.00	0.00	0.00	0.01	0.00
12.03	2.00	0.00	0.00	0.01	0.00	12.04	2.00	0.00	0.00	0.01	0.00
12.05	2.00	0.00	0.00	0.01	0.00	12.06	2.00	0.00	0.00	0.01	0.00
12.07	2.00	0.00	0.00	0.01	0.00	12.08	2.00	0.00	0.00	0.01	0.00
12.09	2.00	0.00	0.00	0.01	0.00	12.10	2.00	0.00	0.00	0.01	0.00
12.11	2.00	0.00	0.00	0.01	0.00	12.12	2.00	0.00	0.00	0.01	0.00
12.13	2.00	0.00	0.00	0.01	0.00	12.14	2.00	0.00	0.00	0.01	0.00
12.15	2.00	0.00	0.00	0.01	0.00	12.16	2.00	0.00	0.00	0.01	0.00
12.17	2.00	0.00	0.00	0.01	0.00	12.18	2.00	0.00	0.00	0.01	0.00
12.19	2.00	0.00	0.00	0.01	0.00	12.20	2.00	0.00	0.00	0.01	0.00
12.21	2.00	0.00	0.00	0.01	0.00	12.22	2.00	0.00	0.00	0.01	0.00
12.23	2.00	0.00	0.00	0.01	0.00	12.24	2.00	0.00	0.00	0.01	0.00
12.25	2.00	0.00	0.00	0.01	0.00	12.26	2.00	0.00	0.00	0.01	0.00
12.27	2.00	0.00	0.00	0.01	0.00	12.28	2.00	0.00	0.00	0.01	0.00
12.29	2.00	0.00	0.00	0.01	0.00	12.30	2.00	0.00	0.00	0.01	0.00
12.31	2.00	0.00	0.00	0.01	0.00	12.32	2.00	0.00	0.00	0.01	0.00
12.33	2.00	0.00	0.00	0.01	0.00	12.34	2.00	0.00	0.00	0.01	0.00
12.35	2.00	0.00	0.00	0.01	0.00	12.36	2.00	0.00	0.00	0.01	0.00
12.37	2.00	0.00	0.00	0.01	0.00	12.38	2.00	0.00	0.00	0.01	0.00
12.39	2.00	0.00	0.00	0.01	0.00	12.40	2.00	0.00	0.00	0.01	0.00
12.41	2.00	0.00	0.00	0.01	0.00	12.42	2.00	0.00	0.00	0.01	0.00
12.43	2.00	0.00	0.00	0.01	0.00	12.44	2.00	0.00	0.00	0.01	0.00
12.45	2.00	0.00	0.00	0.01	0.00	12.46	2.00	0.00	0.00	0.01	0.00
12.47	2.00	0.00	0.00	0.01	0.00	12.48	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
12.49	0.42	0.58	0.40	0.01	0.02	12.50	0.42	0.58	0.40	0.01	0.02
12.51	0.41	0.59	0.40	0.01	0.02	12.52	0.42	0.58	0.40	0.01	0.02
12.53	0.44	0.56	0.41	0.01	0.02	12.54	0.43	0.57	0.41	0.01	0.02
12.55	0.45	0.55	0.43	0.01	0.02	12.56	0.45	0.55	0.42	0.01	0.02
12.57	0.46	0.54	0.44	0.01	0.02	12.58	0.46	0.54	0.44	0.01	0.02
12.59	0.44	0.56	0.42	0.01	0.02	12.60	0.45	0.55	0.42	0.01	0.02
12.61	0.45	0.55	0.43	0.01	0.02	12.62	0.44	0.56	0.42	0.01	0.02
12.63	0.43	0.57	0.41	0.01	0.02	12.64	0.44	0.56	0.42	0.01	0.02
12.65	0.42	0.58	0.40	0.01	0.02	12.66	0.42	0.58	0.40	0.01	0.02
12.67	0.41	0.59	0.40	0.01	0.02	12.68	0.40	0.60	0.39	0.01	0.02
12.69	0.39	0.61	0.38	0.01	0.02	12.70	0.40	0.60	0.38	0.01	0.02
12.71	0.38	0.62	0.37	0.01	0.02	12.72	0.39	0.61	0.38	0.01	0.02
12.73	0.38	0.62	0.37	0.01	0.02	12.74	0.40	0.60	0.38	0.01	0.02
12.75	0.40	0.60	0.38	0.01	0.02	12.76	0.40	0.60	0.39	0.01	0.02
12.77	0.43	0.57	0.41	0.01	0.02	12.78	0.43	0.57	0.41	0.01	0.02
12.79	0.43	0.57	0.41	0.01	0.02	12.80	0.41	0.59	0.40	0.01	0.02
12.81	0.36	0.64	0.36	0.01	0.02	12.82	0.35	0.65	0.35	0.01	0.02
12.83	0.35	0.65	0.35	0.01	0.02	12.84	0.37	0.63	0.36	0.01	0.02
12.85	0.37	0.63	0.36	0.01	0.02	12.86	0.38	0.62	0.37	0.01	0.02
12.87	0.37	0.63	0.36	0.01	0.02	12.88	0.37	0.63	0.36	0.01	0.02
12.89	0.37	0.63	0.37	0.01	0.02	12.90	0.37	0.63	0.36	0.01	0.02
12.91	0.37	0.63	0.36	0.01	0.02	12.92	0.33	0.67	0.34	0.01	0.02
12.93	0.34	0.66	0.34	0.01	0.02	12.94	0.34	0.66	0.34	0.01	0.02
12.95	0.33	0.67	0.34	0.01	0.02	12.96	0.34	0.66	0.34	0.01	0.02
12.97	0.33	0.67	0.34	0.01	0.02	12.98	0.33	0.67	0.34	0.01	0.02
12.99	0.33	0.67	0.34	0.01	0.02	13.00	0.34	0.66	0.35	0.01	0.02
13.01	0.35	0.65	0.35	0.01	0.02	13.02	0.40	0.60	0.39	0.01	0.02
13.03	0.42	0.58	0.40	0.01	0.02	13.04	0.44	0.56	0.42	0.01	0.02
13.05	0.45	0.55	0.43	0.01	0.02	13.06	0.44	0.56	0.42	0.01	0.02
13.07	0.44	0.56	0.42	0.01	0.02	13.08	0.43	0.57	0.41	0.01	0.02
13.09	0.42	0.58	0.40	0.01	0.02	13.10	2.00	0.00	0.00	0.01	0.00
13.11	2.00	0.00	0.00	0.01	0.00	13.12	2.00	0.00	0.00	0.01	0.00
13.13	2.00	0.00	0.00	0.01	0.00	13.14	2.00	0.00	0.00	0.01	0.00
13.15	2.00	0.00	0.00	0.01	0.00	13.16	2.00	0.00	0.00	0.01	0.00
13.17	2.00	0.00	0.00	0.01	0.00	13.18	2.00	0.00	0.00	0.01	0.00
13.19	2.00	0.00	0.00	0.01	0.00	13.20	2.00	0.00	0.00	0.01	0.00
13.21	2.00	0.00	0.00	0.01	0.00	13.22	2.00	0.00	0.00	0.01	0.00
13.23	2.00	0.00	0.00	0.01	0.00	13.24	2.00	0.00	0.00	0.01	0.00
13.25	2.00	0.00	0.00	0.01	0.00	13.26	2.00	0.00	0.00	0.01	0.00
13.27	2.00	0.00	0.00	0.01	0.00	13.28	2.00	0.00	0.00	0.01	0.00
13.29	2.00	0.00	0.00	0.01	0.00	13.30	2.00	0.00	0.00	0.01	0.00
13.31	2.00	0.00	0.00	0.01	0.00	13.32	2.00	0.00	0.00	0.01	0.00
13.33	2.00	0.00	0.00	0.01	0.00	13.34	2.00	0.00	0.00	0.01	0.00
13.35	2.00	0.00	0.00	0.01	0.00	13.36	2.00	0.00	0.00	0.01	0.00
13.37	2.00	0.00	0.00	0.01	0.00	13.38	2.00	0.00	0.00	0.01	0.00
13.39	2.00	0.00	0.00	0.01	0.00	13.40	2.00	0.00	0.00	0.01	0.00
13.41	2.00	0.00	0.00	0.01	0.00	13.42	2.00	0.00	0.00	0.01	0.00
13.43	2.00	0.00	0.00	0.01	0.00	13.44	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
13.45	2.00	0.00	0.00	0.01	0.00	13.46	2.00	0.00	0.00	0.01	0.00
13.47	2.00	0.00	0.00	0.01	0.00	13.48	2.00	0.00	0.00	0.01	0.00
13.49	2.00	0.00	0.00	0.01	0.00	13.50	2.00	0.00	0.00	0.01	0.00
13.51	2.00	0.00	0.00	0.01	0.00	13.52	2.00	0.00	0.00	0.01	0.00
13.53	2.00	0.00	0.00	0.01	0.00	13.54	2.00	0.00	0.00	0.01	0.00
13.55	2.00	0.00	0.00	0.01	0.00	13.56	2.00	0.00	0.00	0.01	0.00
13.57	2.00	0.00	0.00	0.01	0.00	13.58	2.00	0.00	0.00	0.01	0.00
13.59	2.00	0.00	0.00	0.01	0.00	13.60	2.00	0.00	0.00	0.01	0.00
13.61	2.00	0.00	0.00	0.01	0.00	13.62	2.00	0.00	0.00	0.01	0.00
13.63	2.00	0.00	0.00	0.01	0.00	13.64	2.00	0.00	0.00	0.01	0.00
13.65	2.00	0.00	0.00	0.01	0.00	13.66	2.00	0.00	0.00	0.01	0.00
13.67	2.00	0.00	0.00	0.01	0.00	13.68	2.00	0.00	0.00	0.01	0.00
13.69	2.00	0.00	0.00	0.01	0.00	13.70	2.00	0.00	0.00	0.01	0.00
13.71	2.00	0.00	0.00	0.01	0.00	13.72	2.00	0.00	0.00	0.01	0.00
13.73	2.00	0.00	0.00	0.01	0.00	13.74	2.00	0.00	0.00	0.01	0.00
13.75	2.00	0.00	0.00	0.01	0.00	13.76	2.00	0.00	0.00	0.01	0.00
13.77	2.00	0.00	0.00	0.01	0.00	13.78	2.00	0.00	0.00	0.01	0.00
13.79	2.00	0.00	0.00	0.01	0.00	13.80	2.00	0.00	0.00	0.01	0.00
13.81	2.00	0.00	0.00	0.01	0.00	13.82	2.00	0.00	0.00	0.01	0.00
13.83	2.00	0.00	0.00	0.01	0.00	13.84	2.00	0.00	0.00	0.01	0.00
13.85	2.00	0.00	0.00	0.01	0.00	13.86	2.00	0.00	0.00	0.01	0.00
13.87	2.00	0.00	0.00	0.01	0.00	13.88	2.00	0.00	0.00	0.01	0.00
13.89	2.00	0.00	0.00	0.01	0.00	13.90	2.00	0.00	0.00	0.01	0.00
13.91	2.00	0.00	0.00	0.01	0.00	13.92	2.00	0.00	0.00	0.01	0.00
13.93	2.00	0.00	0.00	0.01	0.00	13.94	2.00	0.00	0.00	0.01	0.00
13.95	2.00	0.00	0.00	0.01	0.00	13.96	2.00	0.00	0.00	0.01	0.00
13.97	2.00	0.00	0.00	0.01	0.00	13.98	2.00	0.00	0.00	0.01	0.00
13.99	2.00	0.00	0.00	0.01	0.00	14.00	2.00	0.00	0.00	0.01	0.00
14.01	2.00	0.00	0.00	0.01	0.00	14.02	2.00	0.00	0.00	0.01	0.00
14.03	2.00	0.00	0.00	0.01	0.00	14.04	2.00	0.00	0.00	0.01	0.00
14.05	2.00	0.00	0.00	0.01	0.00	14.06	2.00	0.00	0.00	0.01	0.00
14.07	2.00	0.00	0.00	0.01	0.00	14.08	2.00	0.00	0.00	0.01	0.00
14.09	2.00	0.00	0.00	0.01	0.00	14.10	2.00	0.00	0.00	0.01	0.00
14.11	2.00	0.00	0.00	0.01	0.00	14.12	2.00	0.00	0.00	0.01	0.00
14.13	2.00	0.00	0.00	0.01	0.00	14.14	2.00	0.00	0.00	0.01	0.00
14.15	2.00	0.00	0.00	0.01	0.00	14.16	2.00	0.00	0.00	0.01	0.00
14.17	2.00	0.00	0.00	0.01	0.00	14.18	2.00	0.00	0.00	0.01	0.00
14.19	2.00	0.00	0.00	0.01	0.00	14.20	2.00	0.00	0.00	0.01	0.00
14.21	2.00	0.00	0.00	0.01	0.00	14.22	2.00	0.00	0.00	0.01	0.00
14.23	2.00	0.00	0.00	0.01	0.00	14.24	2.00	0.00	0.00	0.01	0.00
14.25	2.00	0.00	0.00	0.01	0.00	14.26	2.00	0.00	0.00	0.01	0.00
14.27	2.00	0.00	0.00	0.01	0.00	14.28	2.00	0.00	0.00	0.01	0.00
14.29	2.00	0.00	0.00	0.01	0.00	14.30	2.00	0.00	0.00	0.01	0.00
14.31	2.00	0.00	0.00	0.01	0.00	14.32	2.00	0.00	0.00	0.01	0.00
14.33	2.00	0.00	0.00	0.01	0.00	14.34	2.00	0.00	0.00	0.01	0.00
14.35	2.00	0.00	0.00	0.01	0.00	14.36	2.00	0.00	0.00	0.01	0.00
14.37	2.00	0.00	0.00	0.01	0.00	14.38	2.00	0.00	0.00	0.01	0.00
14.39	2.00	0.00	0.00	0.01	0.00	14.40	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
14.41	2.00	0.00	0.00	0.01	0.00	14.42	2.00	0.00	0.00	0.01	0.00
14.43	2.00	0.00	0.00	0.01	0.00	14.44	2.00	0.00	0.00	0.01	0.00
14.45	2.00	0.00	0.00	0.01	0.00	14.46	2.00	0.00	0.00	0.01	0.00
14.47	2.00	0.00	0.00	0.01	0.00	14.48	2.00	0.00	0.00	0.01	0.00
14.49	2.00	0.00	0.00	0.01	0.00	14.50	2.00	0.00	0.00	0.01	0.00
14.51	2.00	0.00	0.00	0.01	0.00	14.52	2.00	0.00	0.00	0.01	0.00
14.53	2.00	0.00	0.00	0.01	0.00	14.54	2.00	0.00	0.00	0.01	0.00
14.55	2.00	0.00	0.00	0.01	0.00	14.56	2.00	0.00	0.00	0.01	0.00
14.57	2.00	0.00	0.00	0.01	0.00	14.58	2.00	0.00	0.00	0.01	0.00
14.59	2.00	0.00	0.00	0.01	0.00	14.60	2.00	0.00	0.00	0.01	0.00
14.61	2.00	0.00	0.00	0.01	0.00	14.62	2.00	0.00	0.00	0.01	0.00
14.63	2.00	0.00	0.00	0.01	0.00	14.64	2.00	0.00	0.00	0.01	0.00
14.65	2.00	0.00	0.00	0.01	0.00	14.66	2.00	0.00	0.00	0.01	0.00
14.67	2.00	0.00	0.00	0.01	0.00	14.68	2.00	0.00	0.00	0.01	0.00
14.69	2.00	0.00	0.00	0.01	0.00	14.70	2.00	0.00	0.00	0.01	0.00
14.71	2.00	0.00	0.00	0.01	0.00	14.72	2.00	0.00	0.00	0.01	0.00
14.73	2.00	0.00	0.00	0.01	0.00	14.74	2.00	0.00	0.00	0.01	0.00
14.75	2.00	0.00	0.00	0.01	0.00	14.76	2.00	0.00	0.00	0.01	0.00
14.77	2.00	0.00	0.00	0.01	0.00	14.78	2.00	0.00	0.00	0.01	0.00
14.79	2.00	0.00	0.00	0.01	0.00	14.80	2.00	0.00	0.00	0.01	0.00
14.81	2.00	0.00	0.00	0.01	0.00	14.82	2.00	0.00	0.00	0.01	0.00
14.83	2.00	0.00	0.00	0.01	0.00	14.84	2.00	0.00	0.00	0.01	0.00
14.85	2.00	0.00	0.00	0.01	0.00	14.86	2.00	0.00	0.00	0.01	0.00
14.87	2.00	0.00	0.00	0.01	0.00	14.88	2.00	0.00	0.00	0.01	0.00
14.89	2.00	0.00	0.00	0.01	0.00	14.90	2.00	0.00	0.00	0.01	0.00
14.91	2.00	0.00	0.00	0.01	0.00	14.92	2.00	0.00	0.00	0.01	0.00
14.93	2.00	0.00	0.00	0.01	0.00	14.94	2.00	0.00	0.00	0.01	0.00
14.95	2.00	0.00	0.00	0.01	0.00	14.96	2.00	0.00	0.00	0.01	0.00
14.97	2.00	0.00	0.00	0.01	0.00	14.98	2.00	0.00	0.00	0.01	0.00
14.99	2.00	0.00	0.00	0.01	0.00	15.00	2.00	0.00	0.00	0.01	0.00
15.01	2.00	0.00	0.00	0.01	0.00	15.02	2.00	0.00	0.00	0.01	0.00
15.03	2.00	0.00	0.00	0.01	0.00	15.04	2.00	0.00	0.00	0.01	0.00
15.05	2.00	0.00	0.00	0.01	0.00	15.06	2.00	0.00	0.00	0.01	0.00
15.07	2.00	0.00	0.00	0.01	0.00	15.08	2.00	0.00	0.00	0.01	0.00
15.09	2.00	0.00	0.00	0.01	0.00	15.10	2.00	0.00	0.00	0.01	0.00
15.11	2.00	0.00	0.00	0.01	0.00	15.12	2.00	0.00	0.00	0.01	0.00
15.13	2.00	0.00	0.00	0.01	0.00	15.14	2.00	0.00	0.00	0.01	0.00
15.15	2.00	0.00	0.00	0.01	0.00	15.16	2.00	0.00	0.00	0.01	0.00
15.17	2.00	0.00	0.00	0.01	0.00	15.18	2.00	0.00	0.00	0.01	0.00
15.19	2.00	0.00	0.00	0.01	0.00	15.20	2.00	0.00	0.00	0.01	0.00
15.21	2.00	0.00	0.00	0.01	0.00	15.22	2.00	0.00	0.00	0.01	0.00
15.23	2.00	0.00	0.00	0.01	0.00	15.24	2.00	0.00	0.00	0.01	0.00
15.25	2.00	0.00	0.00	0.01	0.00	15.26	2.00	0.00	0.00	0.01	0.00
15.27	2.00	0.00	0.00	0.01	0.00	15.28	2.00	0.00	0.00	0.01	0.00
15.29	2.00	0.00	0.00	0.01	0.00	15.30	2.00	0.00	0.00	0.01	0.00
15.31	2.00	0.00	0.00	0.01	0.00	15.32	2.00	0.00	0.00	0.01	0.00
15.33	2.00	0.00	0.00	0.01	0.00	15.34	2.00	0.00	0.00	0.01	0.00
15.35	2.00	0.00	0.00	0.01	0.00	15.36	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
15.37	2.00	0.00	0.00	0.01	0.00	15.38	2.00	0.00	0.00	0.01	0.00
15.39	0.44	0.56	0.42	0.01	0.01	15.40	0.44	0.56	0.42	0.01	0.01
15.41	0.46	0.54	0.43	0.01	0.01	15.42	0.46	0.54	0.44	0.01	0.01
15.43	0.45	0.55	0.43	0.01	0.01	15.44	0.46	0.54	0.43	0.01	0.01
15.45	0.47	0.53	0.45	0.01	0.01	15.46	0.47	0.53	0.45	0.01	0.01
15.47	0.47	0.53	0.44	0.01	0.01	15.48	0.47	0.53	0.45	0.01	0.01
15.49	0.47	0.53	0.45	0.01	0.01	15.50	0.48	0.52	0.46	0.01	0.01
15.51	0.48	0.52	0.46	0.01	0.01	15.52	0.46	0.54	0.44	0.01	0.01
15.53	0.45	0.55	0.42	0.01	0.01	15.54	2.00	0.00	0.00	0.01	0.00
15.55	2.00	0.00	0.00	0.01	0.00	15.56	2.00	0.00	0.00	0.01	0.00
15.57	2.00	0.00	0.00	0.01	0.00	15.58	2.00	0.00	0.00	0.01	0.00
15.59	2.00	0.00	0.00	0.01	0.00	15.60	2.00	0.00	0.00	0.01	0.00
15.61	2.00	0.00	0.00	0.01	0.00	15.62	2.00	0.00	0.00	0.01	0.00
15.63	2.00	0.00	0.00	0.01	0.00	15.64	2.00	0.00	0.00	0.01	0.00
15.65	2.00	0.00	0.00	0.01	0.00	15.66	2.00	0.00	0.00	0.01	0.00
15.67	2.00	0.00	0.00	0.01	0.00	15.68	2.00	0.00	0.00	0.01	0.00
15.69	2.00	0.00	0.00	0.01	0.00	15.70	2.00	0.00	0.00	0.01	0.00
15.71	2.00	0.00	0.00	0.01	0.00	15.72	2.00	0.00	0.00	0.01	0.00
15.73	2.00	0.00	0.00	0.01	0.00	15.74	2.00	0.00	0.00	0.01	0.00
15.75	2.00	0.00	0.00	0.01	0.00	15.76	2.00	0.00	0.00	0.01	0.00
15.77	2.00	0.00	0.00	0.01	0.00	15.78	2.00	0.00	0.00	0.01	0.00
15.79	2.00	0.00	0.00	0.01	0.00	15.80	2.00	0.00	0.00	0.01	0.00
15.81	2.00	0.00	0.00	0.01	0.00	15.82	2.00	0.00	0.00	0.01	0.00
15.83	2.00	0.00	0.00	0.01	0.00	15.84	2.00	0.00	0.00	0.01	0.00
15.85	2.00	0.00	0.00	0.01	0.00	15.86	2.00	0.00	0.00	0.01	0.00
15.87	2.00	0.00	0.00	0.01	0.00	15.88	2.00	0.00	0.00	0.01	0.00
15.89	2.00	0.00	0.00	0.01	0.00	15.90	2.00	0.00	0.00	0.01	0.00
15.91	2.00	0.00	0.00	0.01	0.00	15.92	2.00	0.00	0.00	0.01	0.00
15.93	2.00	0.00	0.00	0.01	0.00	15.94	2.00	0.00	0.00	0.01	0.00
15.95	2.00	0.00	0.00	0.01	0.00	15.96	2.00	0.00	0.00	0.01	0.00
15.97	2.00	0.00	0.00	0.01	0.00	15.98	2.00	0.00	0.00	0.01	0.00
15.99	2.00	0.00	0.00	0.01	0.00	16.00	2.00	0.00	0.00	0.01	0.00
16.01	2.00	0.00	0.00	0.01	0.00	16.02	2.00	0.00	0.00	0.01	0.00
16.03	2.00	0.00	0.00	0.01	0.00	16.04	2.00	0.00	0.00	0.01	0.00
16.05	2.00	0.00	0.00	0.01	0.00	16.06	2.00	0.00	0.00	0.01	0.00
16.07	2.00	0.00	0.00	0.01	0.00	16.08	2.00	0.00	0.00	0.01	0.00
16.09	2.00	0.00	0.00	0.01	0.00	16.10	2.00	0.00	0.00	0.01	0.00
16.11	2.00	0.00	0.00	0.01	0.00	16.12	2.00	0.00	0.00	0.01	0.00
16.13	2.00	0.00	0.00	0.01	0.00	16.14	2.00	0.00	0.00	0.01	0.00
16.15	2.00	0.00	0.00	0.01	0.00	16.16	2.00	0.00	0.00	0.01	0.00
16.17	2.00	0.00	0.00	0.01	0.00	16.18	2.00	0.00	0.00	0.01	0.00
16.19	2.00	0.00	0.00	0.01	0.00	16.20	2.00	0.00	0.00	0.01	0.00
16.21	2.00	0.00	0.00	0.01	0.00	16.22	2.00	0.00	0.00	0.01	0.00
16.23	2.00	0.00	0.00	0.01	0.00	16.24	2.00	0.00	0.00	0.01	0.00
16.25	2.00	0.00	0.00	0.01	0.00	16.26	2.00	0.00	0.00	0.01	0.00
16.27	2.00	0.00	0.00	0.01	0.00	16.28	2.00	0.00	0.00	0.01	0.00
16.29	2.00	0.00	0.00	0.01	0.00	16.30	2.00	0.00	0.00	0.01	0.00
16.31	2.00	0.00	0.00	0.01	0.00	16.32	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
16.33	2.00	0.00	0.00	0.01	0.00	16.34	2.00	0.00	0.00	0.01	0.00
16.35	2.00	0.00	0.00	0.01	0.00	16.36	2.00	0.00	0.00	0.01	0.00
16.37	2.00	0.00	0.00	0.01	0.00	16.38	2.00	0.00	0.00	0.01	0.00
16.39	2.00	0.00	0.00	0.01	0.00	16.40	2.00	0.00	0.00	0.01	0.00
16.41	2.00	0.00	0.00	0.01	0.00	16.42	2.00	0.00	0.00	0.01	0.00
16.43	2.00	0.00	0.00	0.01	0.00	16.44	2.00	0.00	0.00	0.01	0.00
16.45	2.00	0.00	0.00	0.01	0.00	16.46	2.00	0.00	0.00	0.01	0.00
16.47	2.00	0.00	0.00	0.01	0.00	16.48	2.00	0.00	0.00	0.01	0.00
16.49	2.00	0.00	0.00	0.01	0.00	16.50	2.00	0.00	0.00	0.01	0.00
16.51	2.00	0.00	0.00	0.01	0.00	16.52	0.45	0.55	0.43	0.01	0.01
16.53	0.46	0.54	0.43	0.01	0.01	16.54	0.45	0.55	0.43	0.01	0.01
16.55	0.46	0.54	0.43	0.01	0.01	16.56	0.47	0.53	0.45	0.01	0.01
16.57	0.47	0.53	0.45	0.01	0.01	16.58	0.48	0.52	0.46	0.01	0.01
16.59	0.47	0.53	0.45	0.01	0.01	16.60	0.47	0.53	0.44	0.01	0.01
16.61	0.47	0.53	0.45	0.01	0.01	16.62	0.46	0.54	0.44	0.01	0.01
16.63	2.00	0.00	0.00	0.01	0.00	16.64	2.00	0.00	0.00	0.01	0.00
16.65	2.00	0.00	0.00	0.01	0.00	16.66	2.00	0.00	0.00	0.01	0.00
16.67	2.00	0.00	0.00	0.01	0.00	16.68	2.00	0.00	0.00	0.01	0.00
16.69	2.00	0.00	0.00	0.01	0.00	16.70	2.00	0.00	0.00	0.01	0.00
16.71	2.00	0.00	0.00	0.01	0.00	16.72	2.00	0.00	0.00	0.01	0.00
16.73	2.00	0.00	0.00	0.01	0.00	16.74	2.00	0.00	0.00	0.01	0.00
16.75	2.00	0.00	0.00	0.01	0.00	16.76	2.00	0.00	0.00	0.01	0.00
16.77	2.00	0.00	0.00	0.01	0.00	16.78	2.00	0.00	0.00	0.01	0.00
16.79	2.00	0.00	0.00	0.01	0.00	16.80	2.00	0.00	0.00	0.01	0.00
16.81	2.00	0.00	0.00	0.01	0.00	16.82	2.00	0.00	0.00	0.01	0.00
16.83	2.00	0.00	0.00	0.01	0.00	16.84	2.00	0.00	0.00	0.01	0.00
16.85	2.00	0.00	0.00	0.01	0.00	16.86	2.00	0.00	0.00	0.01	0.00
16.87	2.00	0.00	0.00	0.01	0.00	16.88	2.00	0.00	0.00	0.01	0.00
16.89	2.00	0.00	0.00	0.01	0.00	16.90	2.00	0.00	0.00	0.01	0.00
16.91	2.00	0.00	0.00	0.01	0.00	16.92	2.00	0.00	0.00	0.01	0.00
16.93	2.00	0.00	0.00	0.01	0.00	16.94	2.00	0.00	0.00	0.01	0.00
16.95	2.00	0.00	0.00	0.01	0.00	16.96	2.00	0.00	0.00	0.01	0.00
16.97	2.00	0.00	0.00	0.01	0.00	16.98	2.00	0.00	0.00	0.01	0.00
16.99	2.00	0.00	0.00	0.01	0.00	17.00	2.00	0.00	0.00	0.01	0.00
17.01	2.00	0.00	0.00	0.01	0.00	17.02	2.00	0.00	0.00	0.01	0.00
17.03	2.00	0.00	0.00	0.01	0.00	17.04	2.00	0.00	0.00	0.01	0.00
17.05	2.00	0.00	0.00	0.01	0.00	17.06	2.00	0.00	0.00	0.01	0.00
17.07	2.00	0.00	0.00	0.01	0.00	17.08	2.00	0.00	0.00	0.01	0.00
17.09	2.00	0.00	0.00	0.01	0.00	17.10	2.00	0.00	0.00	0.01	0.00
17.11	2.00	0.00	0.00	0.01	0.00	17.12	2.00	0.00	0.00	0.01	0.00
17.13	2.00	0.00	0.00	0.01	0.00	17.14	2.00	0.00	0.00	0.01	0.00
17.15	2.00	0.00	0.00	0.01	0.00	17.16	2.00	0.00	0.00	0.01	0.00
17.17	2.00	0.00	0.00	0.01	0.00	17.18	0.48	0.52	0.46	0.01	0.01
17.19	0.51	0.49	0.49	0.01	0.01	17.20	0.52	0.48	0.50	0.01	0.01
17.21	0.50	0.50	0.48	0.01	0.01	17.22	0.51	0.49	0.50	0.01	0.01
17.23	0.51	0.49	0.49	0.01	0.01	17.24	0.50	0.50	0.48	0.01	0.01
17.25	0.52	0.48	0.50	0.01	0.01	17.26	0.52	0.48	0.50	0.01	0.01
17.27	0.52	0.48	0.51	0.01	0.01	17.28	0.51	0.49	0.49	0.01	0.01

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
17.29	0.50	0.50	0.48	0.01	0.01	17.30	0.50	0.50	0.48	0.01	0.01
17.31	0.49	0.51	0.47	0.01	0.01	17.32	0.47	0.53	0.45	0.01	0.01
17.33	0.48	0.52	0.45	0.01	0.01	17.34	0.46	0.54	0.43	0.01	0.01
17.35	0.45	0.55	0.42	0.01	0.01	17.36	2.00	0.00	0.00	0.01	0.00
17.37	2.00	0.00	0.00	0.01	0.00	17.38	2.00	0.00	0.00	0.01	0.00
17.39	2.00	0.00	0.00	0.01	0.00	17.40	2.00	0.00	0.00	0.01	0.00
17.41	2.00	0.00	0.00	0.01	0.00	17.42	2.00	0.00	0.00	0.01	0.00
17.43	2.00	0.00	0.00	0.01	0.00	17.44	2.00	0.00	0.00	0.01	0.00
17.45	2.00	0.00	0.00	0.01	0.00	17.46	2.00	0.00	0.00	0.01	0.00
17.47	2.00	0.00	0.00	0.01	0.00	17.48	2.00	0.00	0.00	0.01	0.00
17.49	2.00	0.00	0.00	0.01	0.00	17.50	2.00	0.00	0.00	0.01	0.00
17.51	2.00	0.00	0.00	0.01	0.00	17.52	2.00	0.00	0.00	0.01	0.00
17.53	2.00	0.00	0.00	0.01	0.00	17.54	2.00	0.00	0.00	0.01	0.00
17.55	2.00	0.00	0.00	0.01	0.00	17.56	2.00	0.00	0.00	0.01	0.00
17.57	2.00	0.00	0.00	0.01	0.00	17.58	2.00	0.00	0.00	0.01	0.00
17.59	2.00	0.00	0.00	0.01	0.00	17.60	2.00	0.00	0.00	0.01	0.00
17.61	2.00	0.00	0.00	0.01	0.00	17.62	2.00	0.00	0.00	0.01	0.00
17.63	2.00	0.00	0.00	0.01	0.00	17.64	2.00	0.00	0.00	0.01	0.00
17.65	2.00	0.00	0.00	0.01	0.00	17.66	2.00	0.00	0.00	0.01	0.00
17.67	2.00	0.00	0.00	0.01	0.00	17.68	2.00	0.00	0.00	0.01	0.00
17.69	2.00	0.00	0.00	0.01	0.00	17.70	2.00	0.00	0.00	0.01	0.00
17.71	2.00	0.00	0.00	0.01	0.00	17.72	2.00	0.00	0.00	0.01	0.00
17.73	2.00	0.00	0.00	0.01	0.00	17.74	2.00	0.00	0.00	0.01	0.00
17.75	2.00	0.00	0.00	0.01	0.00	17.76	2.00	0.00	0.00	0.01	0.00
17.77	2.00	0.00	0.00	0.01	0.00	17.78	2.00	0.00	0.00	0.01	0.00
17.79	2.00	0.00	0.00	0.01	0.00	17.80	2.00	0.00	0.00	0.01	0.00
17.81	2.00	0.00	0.00	0.01	0.00	17.82	2.00	0.00	0.00	0.01	0.00
17.83	2.00	0.00	0.00	0.01	0.00	17.84	2.00	0.00	0.00	0.01	0.00
17.85	2.00	0.00	0.00	0.01	0.00	17.86	2.00	0.00	0.00	0.01	0.00
17.87	2.00	0.00	0.00	0.01	0.00	17.88	2.00	0.00	0.00	0.01	0.00
17.89	2.00	0.00	0.00	0.01	0.00	17.90	2.00	0.00	0.00	0.01	0.00
17.91	2.00	0.00	0.00	0.01	0.00	17.92	2.00	0.00	0.00	0.01	0.00
17.93	2.00	0.00	0.00	0.01	0.00	17.94	2.00	0.00	0.00	0.01	0.00
17.95	2.00	0.00	0.00	0.01	0.00	17.96	2.00	0.00	0.00	0.01	0.00
17.97	2.00	0.00	0.00	0.01	0.00	17.98	2.00	0.00	0.00	0.01	0.00
17.99	2.00	0.00	0.00	0.01	0.00	18.00	2.00	0.00	0.00	0.01	0.00
18.01	2.00	0.00	0.00	0.01	0.00	18.02	2.00	0.00	0.00	0.01	0.00
18.03	2.00	0.00	0.00	0.01	0.00	18.04	2.00	0.00	0.00	0.01	0.00
18.05	2.00	0.00	0.00	0.01	0.00	18.06	2.00	0.00	0.00	0.01	0.00
18.07	2.00	0.00	0.00	0.01	0.00	18.08	2.00	0.00	0.00	0.01	0.00
18.09	2.00	0.00	0.00	0.01	0.00	18.10	2.00	0.00	0.00	0.01	0.00
18.11	2.00	0.00	0.00	0.01	0.00	18.12	2.00	0.00	0.00	0.01	0.00
18.13	2.00	0.00	0.00	0.01	0.00	18.14	2.00	0.00	0.00	0.01	0.00
18.15	2.00	0.00	0.00	0.01	0.00	18.16	2.00	0.00	0.00	0.01	0.00
18.17	2.00	0.00	0.00	0.01	0.00	18.18	2.00	0.00	0.00	0.01	0.00
18.19	2.00	0.00	0.00	0.01	0.00	18.20	2.00	0.00	0.00	0.01	0.00
18.21	2.00	0.00	0.00	0.01	0.00	18.22	2.00	0.00	0.00	0.01	0.00
18.23	2.00	0.00	0.00	0.01	0.00	18.24	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
18.25	2.00	0.00	0.00	0.01	0.00	18.26	2.00	0.00	0.00	0.01	0.00
18.27	2.00	0.00	0.00	0.01	0.00	18.28	2.00	0.00	0.00	0.01	0.00
18.29	2.00	0.00	0.00	0.01	0.00	18.30	2.00	0.00	0.00	0.01	0.00
18.31	2.00	0.00	0.00	0.01	0.00	18.32	2.00	0.00	0.00	0.01	0.00
18.33	2.00	0.00	0.00	0.01	0.00	18.34	2.00	0.00	0.00	0.01	0.00
18.35	2.00	0.00	0.00	0.01	0.00	18.36	2.00	0.00	0.00	0.01	0.00
18.37	2.00	0.00	0.00	0.01	0.00	18.38	2.00	0.00	0.00	0.01	0.00
18.39	2.00	0.00	0.00	0.01	0.00	18.40	2.00	0.00	0.00	0.01	0.00
18.41	2.00	0.00	0.00	0.01	0.00	18.42	2.00	0.00	0.00	0.01	0.00
18.43	2.00	0.00	0.00	0.01	0.00	18.44	2.00	0.00	0.00	0.01	0.00
18.45	2.00	0.00	0.00	0.01	0.00	18.46	2.00	0.00	0.00	0.01	0.00
18.47	2.00	0.00	0.00	0.01	0.00	18.48	2.00	0.00	0.00	0.01	0.00
18.49	2.00	0.00	0.00	0.01	0.00	18.50	2.00	0.00	0.00	0.01	0.00
18.51	2.00	0.00	0.00	0.01	0.00	18.52	2.00	0.00	0.00	0.01	0.00
18.53	2.00	0.00	0.00	0.01	0.00	18.54	2.00	0.00	0.00	0.01	0.00
18.55	2.00	0.00	0.00	0.01	0.00	18.56	2.00	0.00	0.00	0.01	0.00
18.57	2.00	0.00	0.00	0.01	0.00	18.58	2.00	0.00	0.00	0.01	0.00
18.59	2.00	0.00	0.00	0.01	0.00	18.60	2.00	0.00	0.00	0.01	0.00
18.61	2.00	0.00	0.00	0.01	0.00	18.62	2.00	0.00	0.00	0.01	0.00
18.63	2.00	0.00	0.00	0.01	0.00	18.64	2.00	0.00	0.00	0.01	0.00
18.65	2.00	0.00	0.00	0.01	0.00	18.66	2.00	0.00	0.00	0.01	0.00
18.67	2.00	0.00	0.00	0.01	0.00	18.68	2.00	0.00	0.00	0.01	0.00
18.69	2.00	0.00	0.00	0.01	0.00	18.70	2.00	0.00	0.00	0.01	0.00
18.71	2.00	0.00	0.00	0.01	0.00	18.72	2.00	0.00	0.00	0.01	0.00
18.73	2.00	0.00	0.00	0.01	0.00	18.74	2.00	0.00	0.00	0.01	0.00
18.75	2.00	0.00	0.00	0.01	0.00	18.76	2.00	0.00	0.00	0.01	0.00
18.77	2.00	0.00	0.00	0.01	0.00	18.78	2.00	0.00	0.00	0.01	0.00
18.79	2.00	0.00	0.00	0.01	0.00	18.80	2.00	0.00	0.00	0.01	0.00
18.81	2.00	0.00	0.00	0.01	0.00	18.82	2.00	0.00	0.00	0.01	0.00
18.83	2.00	0.00	0.00	0.01	0.00	18.84	2.00	0.00	0.00	0.01	0.00
18.85	2.00	0.00	0.00	0.01	0.00	18.86	2.00	0.00	0.00	0.01	0.00
18.87	2.00	0.00	0.00	0.01	0.00	18.88	2.00	0.00	0.00	0.01	0.00
18.89	2.00	0.00	0.00	0.01	0.00	18.90	2.00	0.00	0.00	0.01	0.00
18.91	2.00	0.00	0.00	0.01	0.00	18.92	2.00	0.00	0.00	0.01	0.00
18.93	2.00	0.00	0.00	0.01	0.00	18.94	2.00	0.00	0.00	0.01	0.00
18.95	2.00	0.00	0.00	0.01	0.00	18.96	2.00	0.00	0.00	0.01	0.00
18.97	2.00	0.00	0.00	0.01	0.00	18.98	2.00	0.00	0.00	0.01	0.00
18.99	2.00	0.00	0.00	0.01	0.00	19.00	2.00	0.00	0.00	0.01	0.00
19.01	2.00	0.00	0.00	0.01	0.00	19.02	2.00	0.00	0.00	0.01	0.00
19.03	2.00	0.00	0.00	0.01	0.00	19.04	2.00	0.00	0.00	0.01	0.00
19.05	2.00	0.00	0.00	0.01	0.00	19.06	2.00	0.00	0.00	0.01	0.00
19.07	2.00	0.00	0.00	0.01	0.00	19.08	2.00	0.00	0.00	0.01	0.00
19.09	2.00	0.00	0.00	0.01	0.00	19.10	2.00	0.00	0.00	0.01	0.00
19.11	2.00	0.00	0.00	0.01	0.00	19.12	2.00	0.00	0.00	0.01	0.00
19.13	2.00	0.00	0.00	0.01	0.00	19.14	2.00	0.00	0.00	0.01	0.00
19.15	2.00	0.00	0.00	0.01	0.00	19.16	2.00	0.00	0.00	0.01	0.00
19.17	2.00	0.00	0.00	0.01	0.00	19.18	2.00	0.00	0.00	0.01	0.00
19.19	2.00	0.00	0.00	0.01	0.00	19.20	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
19.21	2.00	0.00	0.00	0.01	0.00	19.22	2.00	0.00	0.00	0.01	0.00
19.23	2.00	0.00	0.00	0.01	0.00	19.24	2.00	0.00	0.00	0.01	0.00
19.25	2.00	0.00	0.00	0.01	0.00	19.26	2.00	0.00	0.00	0.01	0.00
19.27	2.00	0.00	0.00	0.01	0.00	19.28	2.00	0.00	0.00	0.01	0.00
19.29	2.00	0.00	0.00	0.01	0.00	19.30	2.00	0.00	0.00	0.01	0.00
19.31	2.00	0.00	0.00	0.01	0.00	19.32	2.00	0.00	0.00	0.01	0.00
19.33	2.00	0.00	0.00	0.01	0.00	19.34	2.00	0.00	0.00	0.01	0.00
19.35	2.00	0.00	0.00	0.01	0.00	19.36	2.00	0.00	0.00	0.01	0.00
19.37	2.00	0.00	0.00	0.01	0.00	19.38	2.00	0.00	0.00	0.01	0.00
19.39	2.00	0.00	0.00	0.01	0.00	19.40	2.00	0.00	0.00	0.01	0.00
19.41	2.00	0.00	0.00	0.01	0.00	19.42	2.00	0.00	0.00	0.01	0.00
19.43	2.00	0.00	0.00	0.01	0.00	19.44	2.00	0.00	0.00	0.01	0.00
19.45	2.00	0.00	0.00	0.01	0.00	19.46	2.00	0.00	0.00	0.01	0.00
19.47	2.00	0.00	0.00	0.01	0.00	19.48	2.00	0.00	0.00	0.01	0.00
19.49	2.00	0.00	0.00	0.01	0.00	19.50	2.00	0.00	0.00	0.01	0.00
19.51	2.00	0.00	0.00	0.01	0.00	19.52	2.00	0.00	0.00	0.01	0.00
19.53	2.00	0.00	0.00	0.01	0.00	19.54	2.00	0.00	0.00	0.01	0.00
19.55	2.00	0.00	0.00	0.01	0.00	19.56	2.00	0.00	0.00	0.01	0.00
19.57	2.00	0.00	0.00	0.01	0.00	19.58	2.00	0.00	0.00	0.01	0.00
19.59	2.00	0.00	0.00	0.01	0.00	19.60	2.00	0.00	0.00	0.01	0.00
19.61	2.00	0.00	0.00	0.01	0.00	19.62	2.00	0.00	0.00	0.01	0.00
19.63	2.00	0.00	0.00	0.01	0.00	19.64	2.00	0.00	0.00	0.01	0.00
19.65	2.00	0.00	0.00	0.01	0.00	19.66	2.00	0.00	0.00	0.01	0.00
19.67	2.00	0.00	0.00	0.01	0.00	19.68	2.00	0.00	0.00	0.01	0.00
19.69	2.00	0.00	0.00	0.01	0.00	19.70	2.00	0.00	0.00	0.01	0.00
19.71	2.00	0.00	0.00	0.01	0.00	19.72	2.00	0.00	0.00	0.01	0.00
19.73	2.00	0.00	0.00	0.01	0.00	19.74	2.00	0.00	0.00	0.01	0.00
19.75	2.00	0.00	0.00	0.01	0.00	19.76	2.00	0.00	0.00	0.01	0.00
19.77	2.00	0.00	0.00	0.01	0.00	19.78	2.00	0.00	0.00	0.01	0.00
19.79	2.00	0.00	0.00	0.01	0.00	19.80	2.00	0.00	0.00	0.01	0.00
19.81	2.00	0.00	0.00	0.01	0.00	19.82	2.00	0.00	0.00	0.01	0.00
19.83	2.00	0.00	0.00	0.01	0.00	19.84	2.00	0.00	0.00	0.01	0.00
19.85	2.00	0.00	0.00	0.01	0.00	19.86	2.00	0.00	0.00	0.01	0.00
19.87	2.00	0.00	0.00	0.01	0.00	19.88	2.00	0.00	0.00	0.01	0.00
19.89	2.00	0.00	0.00	0.01	0.00	19.90	2.00	0.00	0.00	0.01	0.00
19.91	2.00	0.00	0.00	0.01	0.00	19.92	2.00	0.00	0.00	0.01	0.00
19.93	2.00	0.00	0.00	0.01	0.00	19.94	2.00	0.00	0.00	0.01	0.00
19.95	2.00	0.00	0.00	0.01	0.00	19.96	2.00	0.00	0.00	0.01	0.00
19.97	2.00	0.00	0.00	0.01	0.00	19.98	2.00	0.00	0.00	0.01	0.00
19.99	2.00	0.00	0.00	0.01	0.00	20.00	2.00	0.00	0.00	0.01	0.00
20.01	2.00	0.00	0.00	0.01	0.00	20.02	2.00	0.00	0.00	0.01	0.00
20.03	2.00	0.00	0.00	0.01	0.00	20.04	2.00	0.00	0.00	0.01	0.00
20.05	2.00	0.00	0.00	0.01	0.00	20.06	2.00	0.00	0.00	0.01	0.00
20.07	2.00	0.00	0.00	0.01	0.00	20.08	2.00	0.00	0.00	0.01	0.00
20.09	2.00	0.00	0.00	0.01	0.00	20.10	2.00	0.00	0.00	0.01	0.00
20.11	2.00	0.00	0.00	0.01	0.00	20.12	2.00	0.00	0.00	0.01	0.00
20.13	2.00	0.00	0.00	0.01	0.00	20.14	2.00	0.00	0.00	0.01	0.00
20.15	2.00	0.00	0.00	0.01	0.00	20.16	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
20.17	2.00	0.00	0.00	0.01	0.00	20.18	2.00	0.00	0.00	0.01	0.00
20.19	2.00	0.00	0.00	0.01	0.00	20.20	2.00	0.00	0.00	0.01	0.00
20.21	2.00	0.00	0.00	0.01	0.00	20.22	2.00	0.00	0.00	0.01	0.00
20.23	2.00	0.00	0.00	0.01	0.00	20.24	2.00	0.00	0.00	0.01	0.00
20.25	2.00	0.00	0.00	0.01	0.00	20.26	2.00	0.00	0.00	0.01	0.00
20.27	2.00	0.00	0.00	0.01	0.00	20.28	2.00	0.00	0.00	0.01	0.00
20.29	2.00	0.00	0.00	0.01	0.00	20.30	2.00	0.00	0.00	0.01	0.00
20.31	2.00	0.00	0.00	0.01	0.00	20.32	2.00	0.00	0.00	0.01	0.00
20.33	2.00	0.00	0.00	0.01	0.00	20.34	2.00	0.00	0.00	0.01	0.00
20.35	2.00	0.00	0.00	0.01	0.00	20.36	2.00	0.00	0.00	0.01	0.00
20.37	2.00	0.00	0.00	0.01	0.00	20.38	2.00	0.00	0.00	0.01	0.00
20.39	2.00	0.00	0.00	0.01	0.00	20.40	2.00	0.00	0.00	0.01	0.00
20.41	2.00	0.00	0.00	0.01	0.00	20.42	2.00	0.00	0.00	0.01	0.00
20.43	2.00	0.00	0.00	0.01	0.00	20.44	2.00	0.00	0.00	0.01	0.00
20.45	2.00	0.00	0.00	0.01	0.00	20.46	2.00	0.00	0.00	0.01	0.00
20.47	2.00	0.00	0.00	0.01	0.00	20.48	2.00	0.00	0.00	0.01	0.00
20.49	2.00	0.00	0.00	0.01	0.00	20.50	2.00	0.00	0.00	0.01	0.00
20.51	2.00	0.00	0.00	0.01	0.00	20.52	2.00	0.00	0.00	0.01	0.00
20.53	2.00	0.00	0.00	0.01	0.00	20.54	2.00	0.00	0.00	0.01	0.00
20.55	2.00	0.00	0.00	0.01	0.00	20.56	2.00	0.00	0.00	0.01	0.00
20.57	2.00	0.00	0.00	0.01	0.00	20.58	2.00	0.00	0.00	0.01	0.00
20.59	2.00	0.00	0.00	0.01	0.00	20.60	2.00	0.00	0.00	0.01	0.00
20.61	2.00	0.00	0.00	0.01	0.00	20.62	2.00	0.00	0.00	0.01	0.00
20.63	2.00	0.00	0.00	0.01	0.00	20.64	2.00	0.00	0.00	0.01	0.00
20.65	2.00	0.00	0.00	0.01	0.00	20.66	2.00	0.00	0.00	0.01	0.00
20.67	2.00	0.00	0.00	0.01	0.00	20.68	2.00	0.00	0.00	0.01	0.00
20.69	2.00	0.00	0.00	0.01	0.00	20.70	2.00	0.00	0.00	0.01	0.00
20.71	2.00	0.00	0.00	0.01	0.00	20.72	2.00	0.00	0.00	0.01	0.00
20.73	2.00	0.00	0.00	0.01	0.00	20.74	2.00	0.00	0.00	0.01	0.00
20.75	2.00	0.00	0.00	0.01	0.00	20.76	2.00	0.00	0.00	0.01	0.00
20.77	2.00	0.00	0.00	0.01	0.00	20.78	2.00	0.00	0.00	0.01	0.00
20.79	2.00	0.00	0.00	0.01	0.00	20.80	2.00	0.00	0.00	0.01	0.00
20.81	2.00	0.00	0.00	0.01	0.00	20.82	2.00	0.00	0.00	0.01	0.00
20.83	2.00	0.00	0.00	0.01	0.00	20.84	2.00	0.00	0.00	0.01	0.00
20.85	2.00	0.00	0.00	0.01	0.00	20.86	2.00	0.00	0.00	0.01	0.00
20.87	2.00	0.00	0.00	0.01	0.00	20.88	2.00	0.00	0.00	0.01	0.00
20.89	2.00	0.00	0.00	0.01	0.00	20.90	2.00	0.00	0.00	0.01	0.00
20.91	2.00	0.00	0.00	0.01	0.00	20.92	2.00	0.00	0.00	0.01	0.00
20.93	2.00	0.00	0.00	0.01	0.00	20.94	2.00	0.00	0.00	0.01	0.00
20.95	2.00	0.00	0.00	0.01	0.00	20.96	2.00	0.00	0.00	0.01	0.00
20.97	2.00	0.00	0.00	0.01	0.00	20.98	2.00	0.00	0.00	0.01	0.00
20.99	2.00	0.00	0.00	0.01	0.00	21.00	2.00	0.00	0.00	0.01	0.00
21.01	2.00	0.00	0.00	0.01	0.00	21.02	2.00	0.00	0.00	0.01	0.00
21.03	2.00	0.00	0.00	0.01	0.00	21.04	2.00	0.00	0.00	0.01	0.00
21.05	2.00	0.00	0.00	0.01	0.00	21.06	2.00	0.00	0.00	0.01	0.00
21.07	2.00	0.00	0.00	0.01	0.00	21.08	2.00	0.00	0.00	0.01	0.00
21.09	2.00	0.00	0.00	0.01	0.00	21.10	2.00	0.00	0.00	0.01	0.00
21.11	2.00	0.00	0.00	0.01	0.00	21.12	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
21.13	2.00	0.00	0.00	0.01	0.00	21.14	2.00	0.00	0.00	0.01	0.00
21.15	2.00	0.00	0.00	0.01	0.00	21.16	2.00	0.00	0.00	0.01	0.00
21.17	2.00	0.00	0.00	0.01	0.00	21.18	2.00	0.00	0.00	0.01	0.00
21.19	2.00	0.00	0.00	0.01	0.00	21.20	2.00	0.00	0.00	0.01	0.00
21.21	2.00	0.00	0.00	0.01	0.00	21.22	2.00	0.00	0.00	0.01	0.00
21.23	2.00	0.00	0.00	0.01	0.00	21.24	2.00	0.00	0.00	0.01	0.00
21.25	2.00	0.00	0.00	0.01	0.00	21.26	2.00	0.00	0.00	0.01	0.00
21.27	2.00	0.00	0.00	0.01	0.00	21.28	2.00	0.00	0.00	0.01	0.00
21.29	2.00	0.00	0.00	0.01	0.00	21.30	2.00	0.00	0.00	0.01	0.00
21.31	2.00	0.00	0.00	0.01	0.00	21.32	2.00	0.00	0.00	0.01	0.00
21.33	2.00	0.00	0.00	0.01	0.00	21.34	2.00	0.00	0.00	0.01	0.00
21.35	2.00	0.00	0.00	0.01	0.00	21.36	2.00	0.00	0.00	0.01	0.00
21.37	2.00	0.00	0.00	0.01	0.00	21.38	2.00	0.00	0.00	0.01	0.00
21.39	2.00	0.00	0.00	0.01	0.00	21.40	2.00	0.00	0.00	0.01	0.00
21.41	2.00	0.00	0.00	0.01	0.00	21.42	2.00	0.00	0.00	0.01	0.00
21.43	2.00	0.00	0.00	0.01	0.00	21.44	2.00	0.00	0.00	0.01	0.00
21.45	2.00	0.00	0.00	0.01	0.00	21.46	2.00	0.00	0.00	0.01	0.00
21.47	2.00	0.00	0.00	0.01	0.00	21.48	2.00	0.00	0.00	0.01	0.00
21.49	2.00	0.00	0.00	0.01	0.00	21.50	2.00	0.00	0.00	0.01	0.00
21.51	2.00	0.00	0.00	0.01	0.00	21.52	2.00	0.00	0.00	0.01	0.00
21.53	2.00	0.00	0.00	0.01	0.00	21.54	2.00	0.00	0.00	0.01	0.00
21.55	2.00	0.00	0.00	0.01	0.00	21.56	2.00	0.00	0.00	0.01	0.00
21.57	2.00	0.00	0.00	0.01	0.00	21.58	2.00	0.00	0.00	0.01	0.00
21.59	2.00	0.00	0.00	0.01	0.00	21.60	2.00	0.00	0.00	0.01	0.00
21.61	2.00	0.00	0.00	0.01	0.00	21.62	2.00	0.00	0.00	0.01	0.00
21.63	2.00	0.00	0.00	0.01	0.00	21.64	2.00	0.00	0.00	0.01	0.00
21.65	2.00	0.00	0.00	0.01	0.00	21.66	2.00	0.00	0.00	0.01	0.00
21.67	2.00	0.00	0.00	0.01	0.00	21.68	2.00	0.00	0.00	0.01	0.00
21.69	2.00	0.00	0.00	0.01	0.00	21.70	2.00	0.00	0.00	0.01	0.00
21.71	2.00	0.00	0.00	0.01	0.00	21.72	2.00	0.00	0.00	0.01	0.00
21.73	2.00	0.00	0.00	0.01	0.00	21.74	2.00	0.00	0.00	0.01	0.00
21.75	2.00	0.00	0.00	0.01	0.00	21.76	2.00	0.00	0.00	0.01	0.00
21.77	2.00	0.00	0.00	0.01	0.00	21.78	2.00	0.00	0.00	0.01	0.00
21.79	2.00	0.00	0.00	0.01	0.00	21.80	2.00	0.00	0.00	0.01	0.00
21.81	2.00	0.00	0.00	0.01	0.00	21.82	2.00	0.00	0.00	0.01	0.00
21.83	2.00	0.00	0.00	0.01	0.00	21.84	2.00	0.00	0.00	0.01	0.00
21.85	2.00	0.00	0.00	0.01	0.00	21.86	2.00	0.00	0.00	0.01	0.00
21.87	2.00	0.00	0.00	0.01	0.00	21.88	2.00	0.00	0.00	0.01	0.00
21.89	2.00	0.00	0.00	0.01	0.00	21.90	2.00	0.00	0.00	0.01	0.00
21.91	2.00	0.00	0.00	0.01	0.00	21.92	2.00	0.00	0.00	0.01	0.00
21.93	2.00	0.00	0.00	0.01	0.00	21.94	2.00	0.00	0.00	0.01	0.00
21.95	2.00	0.00	0.00	0.01	0.00	21.96	2.00	0.00	0.00	0.01	0.00
21.97	2.00	0.00	0.00	0.01	0.00	21.98	2.00	0.00	0.00	0.01	0.00
21.99	2.00	0.00	0.00	0.01	0.00	22.00	2.00	0.00	0.00	0.01	0.00
22.01	2.00	0.00	0.00	0.01	0.00	22.02	2.00	0.00	0.00	0.01	0.00
22.03	2.00	0.00	0.00	0.01	0.00	22.04	2.00	0.00	0.00	0.01	0.00
22.05	2.00	0.00	0.00	0.01	0.00	22.06	2.00	0.00	0.00	0.01	0.00
22.07	2.00	0.00	0.00	0.01	0.00	22.08	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
22.09	2.00	0.00	0.00	0.01	0.00	22.10	2.00	0.00	0.00	0.01	0.00
22.11	2.00	0.00	0.00	0.01	0.00	22.12	2.00	0.00	0.00	0.01	0.00
22.13	2.00	0.00	0.00	0.01	0.00	22.14	2.00	0.00	0.00	0.01	0.00
22.15	2.00	0.00	0.00	0.01	0.00	22.16	2.00	0.00	0.00	0.01	0.00
22.17	2.00	0.00	0.00	0.01	0.00	22.18	2.00	0.00	0.00	0.01	0.00
22.19	2.00	0.00	0.00	0.01	0.00	22.20	2.00	0.00	0.00	0.01	0.00
22.21	2.00	0.00	0.00	0.01	0.00	22.22	2.00	0.00	0.00	0.01	0.00
22.23	2.00	0.00	0.00	0.01	0.00	22.24	2.00	0.00	0.00	0.01	0.00
22.25	2.00	0.00	0.00	0.01	0.00	22.26	2.00	0.00	0.00	0.01	0.00
22.27	2.00	0.00	0.00	0.01	0.00	22.28	2.00	0.00	0.00	0.01	0.00
22.29	2.00	0.00	0.00	0.01	0.00	22.30	2.00	0.00	0.00	0.01	0.00
22.31	2.00	0.00	0.00	0.01	0.00	22.32	2.00	0.00	0.00	0.01	0.00
22.33	2.00	0.00	0.00	0.01	0.00	22.34	2.00	0.00	0.00	0.01	0.00
22.35	2.00	0.00	0.00	0.01	0.00	22.36	2.00	0.00	0.00	0.01	0.00
22.37	2.00	0.00	0.00	0.01	0.00	22.38	2.00	0.00	0.00	0.01	0.00
22.39	2.00	0.00	0.00	0.01	0.00	22.40	2.00	0.00	0.00	0.01	0.00
22.41	2.00	0.00	0.00	0.01	0.00	22.42	2.00	0.00	0.00	0.01	0.00
22.43	2.00	0.00	0.00	0.01	0.00	22.44	2.00	0.00	0.00	0.01	0.00
22.45	2.00	0.00	0.00	0.01	0.00	22.46	2.00	0.00	0.00	0.01	0.00
22.47	2.00	0.00	0.00	0.01	0.00	22.48	2.00	0.00	0.00	0.01	0.00
22.49	2.00	0.00	0.00	0.01	0.00	22.50	2.00	0.00	0.00	0.01	0.00
22.51	2.00	0.00	0.00	0.01	0.00	22.52	2.00	0.00	0.00	0.01	0.00
22.53	2.00	0.00	0.00	0.01	0.00	22.54	2.00	0.00	0.00	0.01	0.00
22.55	2.00	0.00	0.00	0.01	0.00	22.56	2.00	0.00	0.00	0.01	0.00
22.57	2.00	0.00	0.00	0.01	0.00	22.58	2.00	0.00	0.00	0.01	0.00
22.59	2.00	0.00	0.00	0.01	0.00	22.60	2.00	0.00	0.00	0.01	0.00
22.61	2.00	0.00	0.00	0.01	0.00	22.62	2.00	0.00	0.00	0.01	0.00
22.63	2.00	0.00	0.00	0.01	0.00	22.64	2.00	0.00	0.00	0.01	0.00
22.65	2.00	0.00	0.00	0.01	0.00	22.66	2.00	0.00	0.00	0.01	0.00
22.67	2.00	0.00	0.00	0.01	0.00	22.68	2.00	0.00	0.00	0.01	0.00
22.69	2.00	0.00	0.00	0.01	0.00	22.70	2.00	0.00	0.00	0.01	0.00
22.71	2.00	0.00	0.00	0.01	0.00	22.72	2.00	0.00	0.00	0.01	0.00
22.73	2.00	0.00	0.00	0.01	0.00	22.74	2.00	0.00	0.00	0.01	0.00
22.75	2.00	0.00	0.00	0.01	0.00	22.76	2.00	0.00	0.00	0.01	0.00
22.77	2.00	0.00	0.00	0.01	0.00	22.78	2.00	0.00	0.00	0.01	0.00
22.79	2.00	0.00	0.00	0.01	0.00	22.80	2.00	0.00	0.00	0.01	0.00
22.81	2.00	0.00	0.00	0.01	0.00	22.82	2.00	0.00	0.00	0.01	0.00
22.83	2.00	0.00	0.00	0.01	0.00	22.84	2.00	0.00	0.00	0.01	0.00
22.85	2.00	0.00	0.00	0.01	0.00	22.86	2.00	0.00	0.00	0.01	0.00
22.87	2.00	0.00	0.00	0.01	0.00	22.88	2.00	0.00	0.00	0.01	0.00
22.89	2.00	0.00	0.00	0.01	0.00	22.90	2.00	0.00	0.00	0.01	0.00
22.91	2.00	0.00	0.00	0.01	0.00	22.92	2.00	0.00	0.00	0.01	0.00
22.93	2.00	0.00	0.00	0.01	0.00	22.94	2.00	0.00	0.00	0.01	0.00
22.95	2.00	0.00	0.00	0.01	0.00	22.96	2.00	0.00	0.00	0.01	0.00
22.97	2.00	0.00	0.00	0.01	0.00	22.98	2.00	0.00	0.00	0.01	0.00
22.99	2.00	0.00	0.00	0.01	0.00	23.00	2.00	0.00	0.00	0.01	0.00
23.01	2.00	0.00	0.00	0.01	0.00	23.02	2.00	0.00	0.00	0.01	0.00
23.03	2.00	0.00	0.00	0.01	0.00	23.04	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
23.05	2.00	0.00	0.00	0.01	0.00	23.06	2.00	0.00	0.00	0.01	0.00
23.07	2.00	0.00	0.00	0.01	0.00	23.08	2.00	0.00	0.00	0.01	0.00
23.09	2.00	0.00	0.00	0.01	0.00	23.10	2.00	0.00	0.00	0.01	0.00
23.11	2.00	0.00	0.00	0.01	0.00	23.12	2.00	0.00	0.00	0.01	0.00
23.13	2.00	0.00	0.00	0.01	0.00	23.14	2.00	0.00	0.00	0.01	0.00
23.15	2.00	0.00	0.00	0.01	0.00	23.16	2.00	0.00	0.00	0.01	0.00
23.17	2.00	0.00	0.00	0.01	0.00	23.18	2.00	0.00	0.00	0.01	0.00
23.19	2.00	0.00	0.00	0.01	0.00	23.20	2.00	0.00	0.00	0.01	0.00
23.21	2.00	0.00	0.00	0.01	0.00	23.22	2.00	0.00	0.00	0.01	0.00
23.23	2.00	0.00	0.00	0.01	0.00	23.24	2.00	0.00	0.00	0.01	0.00
23.25	2.00	0.00	0.00	0.01	0.00	23.26	2.00	0.00	0.00	0.01	0.00
23.27	2.00	0.00	0.00	0.01	0.00	23.28	2.00	0.00	0.00	0.01	0.00
23.29	2.00	0.00	0.00	0.01	0.00	23.30	2.00	0.00	0.00	0.01	0.00
23.31	2.00	0.00	0.00	0.01	0.00	23.32	2.00	0.00	0.00	0.01	0.00
23.33	2.00	0.00	0.00	0.01	0.00	23.34	2.00	0.00	0.00	0.01	0.00
23.35	2.00	0.00	0.00	0.01	0.00	23.36	2.00	0.00	0.00	0.01	0.00
23.37	2.00	0.00	0.00	0.01	0.00	23.38	2.00	0.00	0.00	0.01	0.00
23.39	2.00	0.00	0.00	0.01	0.00	23.40	2.00	0.00	0.00	0.01	0.00
23.41	2.00	0.00	0.00	0.01	0.00	23.42	2.00	0.00	0.00	0.01	0.00
23.43	2.00	0.00	0.00	0.01	0.00	23.44	2.00	0.00	0.00	0.01	0.00
23.45	2.00	0.00	0.00	0.01	0.00	23.46	2.00	0.00	0.00	0.01	0.00
23.47	2.00	0.00	0.00	0.01	0.00	23.48	2.00	0.00	0.00	0.01	0.00
23.49	2.00	0.00	0.00	0.01	0.00	23.50	2.00	0.00	0.00	0.01	0.00
23.51	2.00	0.00	0.00	0.01	0.00	23.52	2.00	0.00	0.00	0.01	0.00
23.53	2.00	0.00	0.00	0.01	0.00	23.54	2.00	0.00	0.00	0.01	0.00
23.55	2.00	0.00	0.00	0.01	0.00	23.56	2.00	0.00	0.00	0.01	0.00
23.57	2.00	0.00	0.00	0.01	0.00	23.58	2.00	0.00	0.00	0.01	0.00
23.59	2.00	0.00	0.00	0.01	0.00	23.60	2.00	0.00	0.00	0.01	0.00
23.61	2.00	0.00	0.00	0.01	0.00	23.62	2.00	0.00	0.00	0.01	0.00
23.63	2.00	0.00	0.00	0.01	0.00	23.64	2.00	0.00	0.00	0.01	0.00
23.65	2.00	0.00	0.00	0.01	0.00	23.66	2.00	0.00	0.00	0.01	0.00
23.67	2.00	0.00	0.00	0.01	0.00	23.68	2.00	0.00	0.00	0.01	0.00
23.69	2.00	0.00	0.00	0.01	0.00	23.70	2.00	0.00	0.00	0.01	0.00
23.71	2.00	0.00	0.00	0.01	0.00	23.72	2.00	0.00	0.00	0.01	0.00
23.73	2.00	0.00	0.00	0.01	0.00	23.74	2.00	0.00	0.00	0.01	0.00
23.75	2.00	0.00	0.00	0.01	0.00	23.76	2.00	0.00	0.00	0.01	0.00
23.77	2.00	0.00	0.00	0.01	0.00	23.78	2.00	0.00	0.00	0.01	0.00
23.79	2.00	0.00	0.00	0.01	0.00	23.80	2.00	0.00	0.00	0.01	0.00
23.81	2.00	0.00	0.00	0.01	0.00	23.82	2.00	0.00	0.00	0.01	0.00
23.83	2.00	0.00	0.00	0.01	0.00	23.84	2.00	0.00	0.00	0.01	0.00
23.85	2.00	0.00	0.00	0.01	0.00	23.86	2.00	0.00	0.00	0.01	0.00
23.87	2.00	0.00	0.00	0.01	0.00	23.88	2.00	0.00	0.00	0.01	0.00
23.89	2.00	0.00	0.00	0.01	0.00	23.90	2.00	0.00	0.00	0.01	0.00
23.91	2.00	0.00	0.00	0.01	0.00	23.92	2.00	0.00	0.00	0.01	0.00
23.93	2.00	0.00	0.00	0.01	0.00	23.94	2.00	0.00	0.00	0.01	0.00
23.95	2.00	0.00	0.00	0.01	0.00	23.96	2.00	0.00	0.00	0.01	0.00
23.97	2.00	0.00	0.00	0.01	0.00	23.98	2.00	0.00	0.00	0.01	0.00
23.99	2.00	0.00	0.00	0.01	0.00	24.00	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
24.01	2.00	0.00	0.00	0.01	0.00	24.02	2.00	0.00	0.00	0.01	0.00
24.03	2.00	0.00	0.00	0.01	0.00	24.04	2.00	0.00	0.00	0.01	0.00
24.05	2.00	0.00	0.00	0.01	0.00	24.06	2.00	0.00	0.00	0.01	0.00
24.07	2.00	0.00	0.00	0.01	0.00	24.08	2.00	0.00	0.00	0.01	0.00
24.09	2.00	0.00	0.00	0.01	0.00	24.10	2.00	0.00	0.00	0.01	0.00
24.11	2.00	0.00	0.00	0.01	0.00	24.12	2.00	0.00	0.00	0.01	0.00
24.13	2.00	0.00	0.00	0.01	0.00	24.14	2.00	0.00	0.00	0.01	0.00
24.15	2.00	0.00	0.00	0.01	0.00	24.16	2.00	0.00	0.00	0.01	0.00
24.17	2.00	0.00	0.00	0.01	0.00	24.18	2.00	0.00	0.00	0.01	0.00
24.19	2.00	0.00	0.00	0.01	0.00	24.20	2.00	0.00	0.00	0.01	0.00
24.21	2.00	0.00	0.00	0.01	0.00	24.22	2.00	0.00	0.00	0.01	0.00
24.23	2.00	0.00	0.00	0.01	0.00	24.24	2.00	0.00	0.00	0.01	0.00
24.25	2.00	0.00	0.00	0.01	0.00	24.26	2.00	0.00	0.00	0.01	0.00
24.27	2.00	0.00	0.00	0.01	0.00	24.28	2.00	0.00	0.00	0.01	0.00
24.29	2.00	0.00	0.00	0.01	0.00	24.30	2.00	0.00	0.00	0.01	0.00
24.31	2.00	0.00	0.00	0.01	0.00	24.32	2.00	0.00	0.00	0.01	0.00
24.33	2.00	0.00	0.00	0.01	0.00	24.34	2.00	0.00	0.00	0.01	0.00
24.35	2.00	0.00	0.00	0.01	0.00	24.36	2.00	0.00	0.00	0.01	0.00
24.37	2.00	0.00	0.00	0.01	0.00	24.38	2.00	0.00	0.00	0.01	0.00
24.39	2.00	0.00	0.00	0.01	0.00	24.40	2.00	0.00	0.00	0.01	0.00
24.41	2.00	0.00	0.00	0.01	0.00	24.42	2.00	0.00	0.00	0.01	0.00
24.43	2.00	0.00	0.00	0.01	0.00	24.44	2.00	0.00	0.00	0.01	0.00
24.45	2.00	0.00	0.00	0.01	0.00	24.46	2.00	0.00	0.00	0.01	0.00
24.47	2.00	0.00	0.00	0.01	0.00	24.48	2.00	0.00	0.00	0.01	0.00
24.49	2.00	0.00	0.00	0.01	0.00	24.50	2.00	0.00	0.00	0.01	0.00
24.51	2.00	0.00	0.00	0.01	0.00	24.52	2.00	0.00	0.00	0.01	0.00
24.53	2.00	0.00	0.00	0.01	0.00	24.54	2.00	0.00	0.00	0.01	0.00
24.55	2.00	0.00	0.00	0.01	0.00	24.56	2.00	0.00	0.00	0.01	0.00
24.57	2.00	0.00	0.00	0.01	0.00	24.58	2.00	0.00	0.00	0.01	0.00
24.59	2.00	0.00	0.00	0.01	0.00	24.60	2.00	0.00	0.00	0.01	0.00
24.61	2.00	0.00	0.00	0.01	0.00	24.62	2.00	0.00	0.00	0.01	0.00
24.63	2.00	0.00	0.00	0.01	0.00	24.64	2.00	0.00	0.00	0.01	0.00
24.65	2.00	0.00	0.00	0.01	0.00	24.66	2.00	0.00	0.00	0.01	0.00
24.67	2.00	0.00	0.00	0.01	0.00	24.68	2.00	0.00	0.00	0.01	0.00
24.69	2.00	0.00	0.00	0.01	0.00	24.70	2.00	0.00	0.00	0.01	0.00
24.71	2.00	0.00	0.00	0.01	0.00	24.72	2.00	0.00	0.00	0.01	0.00
24.73	2.00	0.00	0.00	0.01	0.00	24.74	2.00	0.00	0.00	0.01	0.00
24.75	2.00	0.00	0.00	0.01	0.00	24.76	2.00	0.00	0.00	0.01	0.00
24.77	2.00	0.00	0.00	0.01	0.00	24.78	2.00	0.00	0.00	0.01	0.00
24.79	2.00	0.00	0.00	0.01	0.00	24.80	2.00	0.00	0.00	0.01	0.00
24.81	2.00	0.00	0.00	0.01	0.00	24.82	2.00	0.00	0.00	0.01	0.00
24.83	2.00	0.00	0.00	0.01	0.00	24.84	2.00	0.00	0.00	0.01	0.00
24.85	2.00	0.00	0.00	0.01	0.00	24.86	2.00	0.00	0.00	0.01	0.00
24.87	2.00	0.00	0.00	0.01	0.00	24.88	2.00	0.00	0.00	0.01	0.00
24.89	2.00	0.00	0.00	0.01	0.00	24.90	2.00	0.00	0.00	0.01	0.00
24.91	2.00	0.00	0.00	0.01	0.00	24.92	2.00	0.00	0.00	0.01	0.00
24.93	2.00	0.00	0.00	0.01	0.00	24.94	2.00	0.00	0.00	0.01	0.00
24.95	2.00	0.00	0.00	0.01	0.00	24.96	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
24.97	2.00	0.00	0.00	0.01	0.00	24.98	2.00	0.00	0.00	0.01	0.00
24.99	2.00	0.00	0.00	0.01	0.00	25.00	2.00	0.00	0.00	0.01	0.00
25.01	2.00	0.00	0.00	0.01	0.00	25.02	2.00	0.00	0.00	0.01	0.00
25.03	2.00	0.00	0.00	0.01	0.00	25.04	2.00	0.00	0.00	0.01	0.00
25.05	2.00	0.00	0.00	0.01	0.00	25.06	2.00	0.00	0.00	0.01	0.00
25.07	2.00	0.00	0.00	0.01	0.00	25.08	2.00	0.00	0.00	0.01	0.00
25.09	2.00	0.00	0.00	0.01	0.00	25.10	2.00	0.00	0.00	0.01	0.00
25.11	2.00	0.00	0.00	0.01	0.00	25.12	2.00	0.00	0.00	0.01	0.00
25.13	2.00	0.00	0.00	0.01	0.00	25.14	2.00	0.00	0.00	0.01	0.00
25.15	2.00	0.00	0.00	0.01	0.00	25.16	2.00	0.00	0.00	0.01	0.00
25.17	2.00	0.00	0.00	0.01	0.00	25.18	2.00	0.00	0.00	0.01	0.00
25.19	2.00	0.00	0.00	0.01	0.00	25.20	2.00	0.00	0.00	0.01	0.00
25.21	2.00	0.00	0.00	0.01	0.00	25.22	2.00	0.00	0.00	0.01	0.00
25.23	2.00	0.00	0.00	0.01	0.00	25.24	2.00	0.00	0.00	0.01	0.00
25.25	2.00	0.00	0.00	0.01	0.00	25.26	2.00	0.00	0.00	0.01	0.00
25.27	2.00	0.00	0.00	0.01	0.00	25.28	2.00	0.00	0.00	0.01	0.00
25.29	2.00	0.00	0.00	0.01	0.00	25.30	2.00	0.00	0.00	0.01	0.00
25.31	2.00	0.00	0.00	0.01	0.00	25.32	2.00	0.00	0.00	0.01	0.00
25.33	2.00	0.00	0.00	0.01	0.00	25.34	2.00	0.00	0.00	0.01	0.00
25.35	2.00	0.00	0.00	0.01	0.00	25.36	2.00	0.00	0.00	0.01	0.00
25.37	2.00	0.00	0.00	0.01	0.00	25.38	2.00	0.00	0.00	0.01	0.00
25.39	2.00	0.00	0.00	0.01	0.00	25.40	2.00	0.00	0.00	0.01	0.00
25.41	2.00	0.00	0.00	0.01	0.00	25.42	2.00	0.00	0.00	0.01	0.00
25.43	2.00	0.00	0.00	0.01	0.00	25.44	2.00	0.00	0.00	0.01	0.00
25.45	2.00	0.00	0.00	0.01	0.00	25.46	2.00	0.00	0.00	0.01	0.00
25.47	2.00	0.00	0.00	0.01	0.00	25.48	2.00	0.00	0.00	0.01	0.00
25.49	2.00	0.00	0.00	0.01	0.00	25.50	2.00	0.00	0.00	0.01	0.00
25.51	2.00	0.00	0.00	0.01	0.00	25.52	2.00	0.00	0.00	0.01	0.00
25.53	2.00	0.00	0.00	0.01	0.00	25.54	2.00	0.00	0.00	0.01	0.00
25.55	2.00	0.00	0.00	0.01	0.00	25.56	2.00	0.00	0.00	0.01	0.00
25.57	2.00	0.00	0.00	0.01	0.00	25.58	2.00	0.00	0.00	0.01	0.00
25.59	2.00	0.00	0.00	0.01	0.00	25.60	2.00	0.00	0.00	0.01	0.00
25.61	2.00	0.00	0.00	0.01	0.00	25.62	2.00	0.00	0.00	0.01	0.00
25.63	2.00	0.00	0.00	0.01	0.00	25.64	2.00	0.00	0.00	0.01	0.00
25.65	2.00	0.00	0.00	0.01	0.00	25.66	2.00	0.00	0.00	0.01	0.00
25.67	2.00	0.00	0.00	0.01	0.00	25.68	2.00	0.00	0.00	0.01	0.00
25.69	2.00	0.00	0.00	0.01	0.00	25.70	2.00	0.00	0.00	0.01	0.00
25.71	2.00	0.00	0.00	0.01	0.00	25.72	2.00	0.00	0.00	0.01	0.00
25.73	2.00	0.00	0.00	0.01	0.00	25.74	2.00	0.00	0.00	0.01	0.00
25.75	2.00	0.00	0.00	0.01	0.00	25.76	2.00	0.00	0.00	0.01	0.00
25.77	2.00	0.00	0.00	0.01	0.00	25.78	2.00	0.00	0.00	0.01	0.00
25.79	2.00	0.00	0.00	0.01	0.00	25.80	2.00	0.00	0.00	0.01	0.00
25.81	2.00	0.00	0.00	0.01	0.00	25.82	2.00	0.00	0.00	0.01	0.00
25.83	2.00	0.00	0.00	0.01	0.00	25.84	2.00	0.00	0.00	0.01	0.00
25.85	2.00	0.00	0.00	0.01	0.00	25.86	2.00	0.00	0.00	0.01	0.00
25.87	2.00	0.00	0.00	0.01	0.00	25.88	2.00	0.00	0.00	0.01	0.00
25.89	2.00	0.00	0.00	0.01	0.00	25.90	2.00	0.00	0.00	0.01	0.00
25.91	2.00	0.00	0.00	0.01	0.00	25.92	2.00	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
25.93	2.00	0.00	0.00	0.01	0.00	25.94	2.00	0.00	0.00	0.01	0.00
25.95	2.00	0.00	0.00	0.01	0.00	25.96	2.00	0.00	0.00	0.01	0.00
25.97	2.00	0.00	0.00	0.01	0.00	25.98	2.00	0.00	0.00	0.01	0.00
25.99	2.00	0.00	0.00	0.01	0.00	26.00	2.00	0.00	0.00	0.01	0.00
26.01	2.00	0.00	0.00	0.01	0.00	26.02	2.00	0.00	0.00	0.01	0.00
26.03	2.00	0.00	0.00	0.01	0.00	26.04	2.00	0.00	0.00	0.01	0.00
26.05	2.00	0.00	0.00	0.01	0.00	26.06	2.00	0.00	0.00	0.01	0.00
26.07	2.00	0.00	0.00	0.01	0.00	26.08	2.00	0.00	0.00	0.01	0.00
26.09	2.00	0.00	0.00	0.01	0.00	26.10	2.00	0.00	0.00	0.01	0.00
26.11	2.00	0.00	0.00	0.01	0.00	26.12	2.00	0.00	0.00	0.01	0.00
26.13	2.00	0.00	0.00	0.01	0.00	26.14	2.00	0.00	0.00	0.01	0.00
26.15	2.00	0.00	0.00	0.01	0.00	26.16	2.00	0.00	0.00	0.01	0.00
26.17	2.00	0.00	0.00	0.01	0.00	26.18	2.00	0.00	0.00	0.01	0.00
26.19	2.00	0.00	0.00	0.01	0.00	26.20	2.00	0.00	0.00	0.01	0.00
26.21	2.00	0.00	0.00	0.01	0.00	26.22	2.00	0.00	0.00	0.01	0.00
26.23	2.00	0.00	0.00	0.01	0.00	26.24	2.00	0.00	0.00	0.01	0.00
26.25	2.00	0.00	0.00	0.01	0.00	26.26	2.00	0.00	0.00	0.01	0.00
26.27	2.00	0.00	0.00	0.01	0.00	26.28	2.00	0.00	0.00	0.01	0.00
26.29	2.00	0.00	0.00	0.01	0.00	26.30	2.00	0.00	0.00	0.01	0.00
26.31	2.00	0.00	0.00	0.01	0.00	26.32	0.59	0.00	0.00	0.01	0.00
26.33	0.60	0.00	0.00	0.01	0.00	26.34	0.60	0.00	0.00	0.01	0.00
26.35	0.62	0.00	0.00	0.01	0.00	26.36	0.61	0.00	0.00	0.01	0.00
26.37	0.61	0.00	0.00	0.01	0.00	26.38	0.61	0.00	0.00	0.01	0.00
26.39	0.61	0.00	0.00	0.01	0.00	26.40	0.62	0.00	0.00	0.01	0.00
26.41	0.62	0.00	0.00	0.01	0.00	26.42	2.00	0.00	0.00	0.01	0.00
26.43	2.00	0.00	0.00	0.01	0.00	26.44	2.00	0.00	0.00	0.01	0.00
26.45	2.00	0.00	0.00	0.01	0.00	26.46	2.00	0.00	0.00	0.01	0.00
26.47	0.66	0.00	0.00	0.01	0.00	26.48	0.68	0.00	0.00	0.01	0.00
26.49	0.70	0.00	0.00	0.01	0.00	26.50	0.72	0.00	0.00	0.01	0.00
26.51	0.73	0.00	0.00	0.01	0.00	26.52	0.73	0.00	0.00	0.01	0.00
26.53	0.72	0.00	0.00	0.01	0.00	26.54	0.71	0.00	0.00	0.01	0.00
26.55	0.69	0.00	0.00	0.01	0.00	26.56	0.69	0.00	0.00	0.01	0.00
26.57	0.69	0.00	0.00	0.01	0.00	26.58	0.72	0.00	0.00	0.01	0.00
26.59	0.75	0.00	0.00	0.01	0.00	26.60	0.76	0.00	0.00	0.01	0.00
26.61	0.73	0.00	0.00	0.01	0.00	26.62	0.69	0.00	0.00	0.01	0.00
26.63	0.67	0.00	0.00	0.01	0.00	26.64	0.66	0.00	0.00	0.01	0.00
26.65	0.67	0.00	0.00	0.01	0.00	26.66	0.67	0.00	0.00	0.01	0.00
26.67	0.65	0.00	0.00	0.01	0.00	26.68	0.64	0.00	0.00	0.01	0.00
26.69	0.62	0.00	0.00	0.01	0.00	26.70	0.60	0.00	0.00	0.01	0.00
26.71	0.58	0.00	0.00	0.01	0.00	26.72	0.55	0.00	0.00	0.01	0.00
26.73	0.53	0.00	0.00	0.01	0.00	26.74	0.54	0.00	0.00	0.01	0.00
26.75	0.56	0.00	0.00	0.01	0.00	26.76	0.56	0.00	0.00	0.01	0.00
26.77	0.57	0.00	0.00	0.01	0.00	26.78	0.56	0.00	0.00	0.01	0.00
26.79	0.55	0.00	0.00	0.01	0.00	26.80	0.54	0.00	0.00	0.01	0.00
26.81	0.51	0.00	0.00	0.01	0.00	26.82	0.48	0.00	0.00	0.01	0.00
26.83	0.49	0.00	0.00	0.01	0.00	26.84	0.49	0.00	0.00	0.01	0.00
26.85	0.50	0.00	0.00	0.01	0.00	26.86	0.52	0.00	0.00	0.01	0.00
26.87	0.53	0.00	0.00	0.01	0.00	26.88	0.53	0.00	0.00	0.01	0.00

:: Liquefaction Potential Index calculation data ::

Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}	Depth (m)	FS	m(FS)	H_1*m(FS)	d_z	LPI_{ISH}
26.89	0.54	0.00	0.00	0.01	0.00	26.90	0.55	0.00	0.00	0.01	0.00
26.91	0.57	0.00	0.00	0.01	0.00	26.92	0.57	0.00	0.00	0.01	0.00
26.93	0.58	0.00	0.00	0.01	0.00	26.94	0.57	0.00	0.00	0.01	0.00
26.95	0.57	0.00	0.00	0.01	0.00	26.96	0.54	0.00	0.00	0.01	0.00
26.97	0.54	0.00	0.00	0.01	0.00	26.98	0.54	0.00	0.00	0.01	0.00
26.99	0.53	0.00	0.00	0.01	0.00	27.00	0.54	0.00	0.00	0.01	0.00
27.01	0.55	0.00	0.00	0.01	0.00	27.02	0.56	0.00	0.00	0.01	0.00
27.03	0.56	0.00	0.00	0.01	0.00	27.04	0.55	0.00	0.00	0.01	0.00
27.05	0.55	0.00	0.00	0.01	0.00	27.06	0.54	0.00	0.00	0.01	0.00
27.07	0.54	0.00	0.00	0.01	0.00						

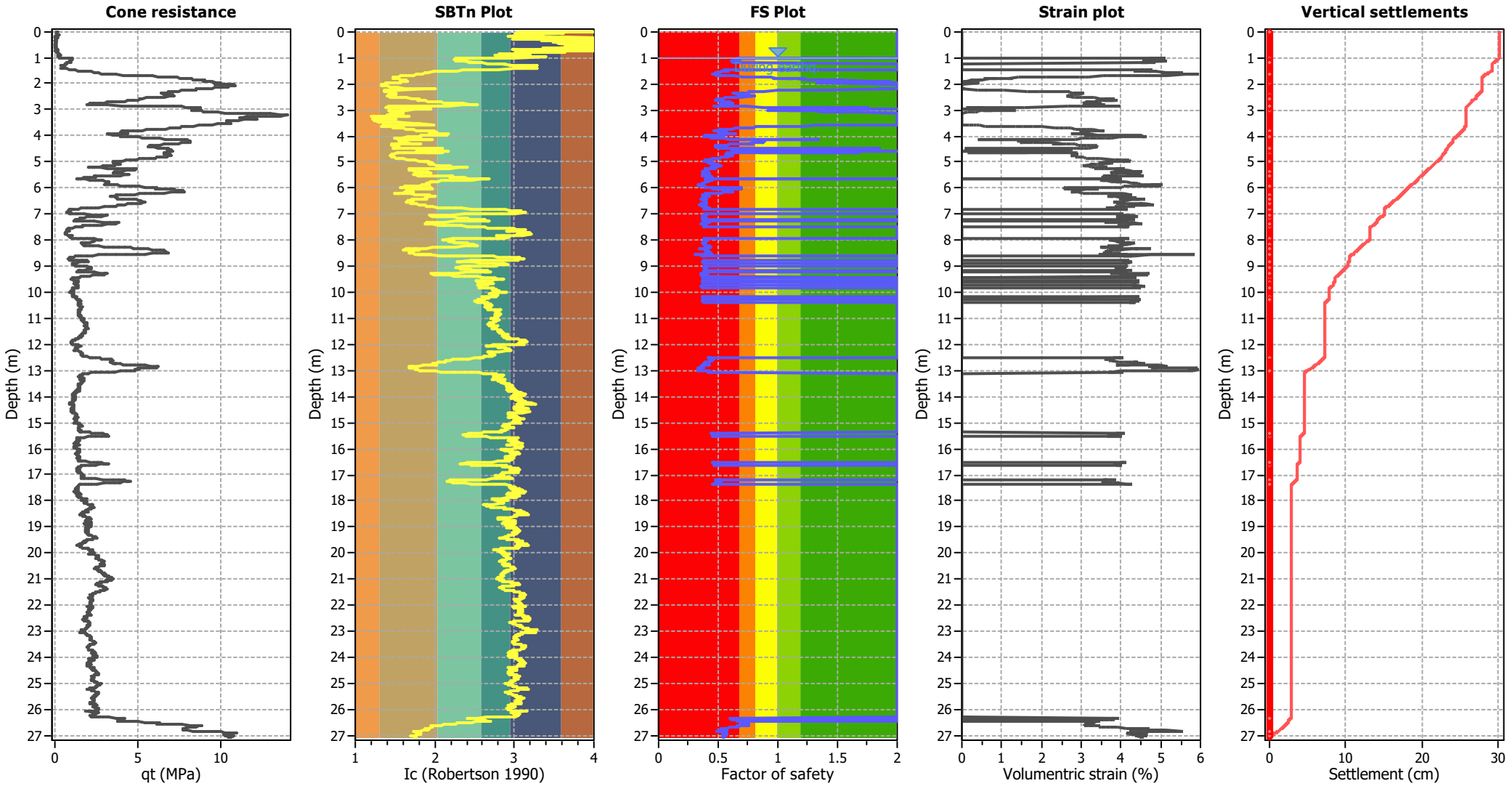
Overall liquefaction potential: 23.64

LPI_{ISH} > 5.0 - Liquefaction manifestation is expected

Abbreviations

FS: Calculated factor of safety for test point
d_z: Layer thickness (m)
LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

q_t:	Total cone resistance (cone resistance q_c corrected for pore water effects)
I_c:	Soil Behaviour Type Index
FS:	Calculated Factor of Safety against liquefaction
Volumentric strain:	Post-liquefaction volumentric strain

:: Post-earthquake settlement due to soil liquefaction ::

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.00	5.38	2.00	0.00	1.00	0.00	1.01	1.07	2.00	0.00	1.00	0.00
1.02	7.22	2.00	0.00	1.00	0.00	1.03	61.59	0.65	5.11	1.00	0.05
1.04	67.34	0.68	4.72	1.00	0.05	1.05	67.27	0.68	4.72	1.00	0.05
1.06	62.30	0.65	5.06	1.00	0.05	1.07	66.57	0.67	4.76	1.00	0.05
1.08	67.66	0.67	4.69	1.00	0.05	1.09	65.42	0.65	4.84	1.00	0.05
1.10	60.80	0.62	5.17	1.00	0.05	1.11	65.85	0.65	4.81	1.00	0.05
1.12	67.24	0.65	4.72	1.00	0.05	1.13	61.57	0.61	5.11	1.00	0.05
1.14	70.19	0.66	4.54	1.00	0.05	1.15	63.34	0.62	4.99	1.00	0.05
1.16	70.60	0.65	4.51	1.00	0.05	1.17	65.12	0.62	4.86	1.00	0.05
1.18	70.78	0.65	4.50	1.00	0.04	1.19	69.36	0.64	4.59	1.00	0.05
1.20	67.88	0.62	4.68	1.00	0.05	1.21	9.76	2.00	0.00	1.00	0.00
1.22	13.78	2.00	0.00	1.00	0.00	1.23	11.50	2.00	0.00	1.00	0.00
1.24	10.83	2.00	0.00	1.00	0.00	1.25	11.35	2.00	0.00	1.00	0.00
1.26	9.10	2.00	0.00	1.00	0.00	1.27	12.78	2.00	0.00	1.00	0.00
1.28	7.11	2.00	0.00	1.00	0.00	1.29	11.16	2.00	0.00	1.00	0.00
1.30	11.68	2.00	0.00	1.00	0.00	1.31	8.80	2.00	0.00	1.00	0.00
1.32	5.45	2.00	0.00	1.00	0.00	1.33	5.05	2.00	0.00	1.00	0.00
1.34	10.32	2.00	0.00	1.00	0.00	1.35	9.62	2.00	0.00	1.00	0.00
1.36	9.43	2.00	0.00	1.00	0.00	1.37	9.69	2.00	0.00	1.00	0.00
1.38	10.39	2.00	0.00	1.00	0.00	1.39	9.47	2.00	0.00	1.00	0.00
1.40	6.37	2.00	0.00	1.00	0.00	1.41	6.59	2.00	0.00	1.00	0.00
1.42	6.89	2.00	0.00	1.00	0.00	1.43	7.81	2.00	0.00	1.00	0.00
1.44	12.53	2.00	0.00	1.00	0.00	1.45	14.41	2.00	0.00	1.00	0.00
1.46	69.66	0.56	4.57	1.00	0.05	1.47	70.71	0.57	4.51	1.00	0.05
1.48	66.37	0.54	4.78	1.00	0.05	1.49	74.07	0.58	4.31	1.00	0.04
1.50	66.74	0.54	4.75	1.00	0.05	1.51	67.28	0.54	4.72	1.00	0.05
1.52	64.36	0.53	4.91	1.00	0.05	1.53	68.92	0.55	4.62	1.00	0.05
1.54	64.88	0.53	4.88	1.00	0.05	1.55	61.08	0.51	5.15	1.00	0.05
1.56	56.26	0.49	5.54	1.00	0.06	1.57	58.67	0.49	5.34	1.00	0.05
1.58	59.53	0.49	5.27	1.00	0.06	1.59	62.73	0.51	5.03	1.00	0.05
1.60	56.21	0.48	5.55	1.00	0.06	1.61	56.08	0.48	5.56	1.00	0.06
1.62	51.67	0.46	5.97	1.00	0.06	1.63	54.08	0.46	5.74	1.00	0.06
1.64	54.77	0.47	5.67	1.00	0.06	1.65	55.06	0.47	5.65	1.00	0.06
1.66	61.16	0.49	5.15	1.00	0.05	1.67	70.04	0.52	4.55	1.00	0.05
1.68	74.39	0.54	4.30	1.00	0.04	1.69	82.38	0.58	3.90	1.00	0.04
1.70	87.80	0.61	3.66	1.00	0.04	1.71	90.60	0.63	3.55	1.00	0.04
1.72	101.17	0.71	3.17	1.00	0.03	1.73	102.76	0.72	3.12	1.00	0.03
1.74	107.70	0.76	2.98	1.00	0.03	1.75	116.87	0.87	2.12	1.00	0.02
1.76	121.70	0.94	1.44	1.00	0.01	1.77	124.93	0.99	1.16	1.00	0.01
1.78	123.68	0.96	1.28	1.00	0.01	1.79	132.15	1.12	0.75	1.00	0.01
1.80	129.91	1.07	0.87	1.00	0.01	1.81	136.76	1.23	0.56	1.00	0.01
1.82	133.86	1.15	0.68	1.00	0.01	1.83	138.02	1.26	0.52	1.00	0.01
1.84	141.89	1.37	0.39	1.00	0.00	1.85	138.83	1.27	0.50	1.00	0.00
1.86	147.19	1.55	0.23	1.00	0.00	1.87	146.13	1.51	0.27	1.00	0.00
1.88	152.54	1.79	0.09	1.00	0.00	1.89	153.27	1.82	0.08	1.00	0.00
1.90	148.59	1.59	0.21	1.00	0.00	1.91	149.70	1.64	0.18	1.00	0.00
1.92	155.70	1.94	0.02	1.00	0.00	1.93	153.71	1.83	0.08	1.00	0.00
1.94	160.02	2.00	0.00	1.00	0.00	1.95	160.23	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
1.96	167.15	2.00	0.00	1.00	0.00	1.97	164.68	2.00	0.00	1.00	0.00
1.98	172.84	2.00	0.00	1.00	0.00	1.99	142.18	1.32	0.44	1.00	0.00
2.00	170.89	2.00	0.00	1.00	0.00	2.01	170.62	2.00	0.00	1.00	0.00
2.02	176.77	2.00	0.00	1.00	0.00	2.03	181.12	2.00	0.00	1.00	0.00
2.04	177.48	2.00	0.00	1.00	0.00	2.05	183.57	2.00	0.00	1.00	0.00
2.06	180.12	2.00	0.00	1.00	0.00	2.07	180.46	2.00	0.00	1.00	0.00
2.08	183.74	2.00	0.00	1.00	0.00	2.09	182.88	2.00	0.00	1.00	0.00
2.10	176.29	2.00	0.00	1.00	0.00	2.11	175.38	2.00	0.00	1.00	0.00
2.12	177.52	2.00	0.00	1.00	0.00	2.13	170.62	2.00	0.00	1.00	0.00
2.14	172.21	2.00	0.00	1.00	0.00	2.15	163.78	2.00	0.00	1.00	0.00
2.16	164.62	2.00	0.00	1.00	0.00	2.17	156.00	1.85	0.07	1.00	0.00
2.18	185.43	2.00	0.00	1.00	0.00	2.19	201.58	2.00	0.00	1.00	0.00
2.20	164.95	2.00	0.00	1.00	0.00	2.21	161.45	2.00	0.00	1.00	0.00
2.22	145.57	1.37	0.39	1.00	0.00	2.23	139.56	1.18	0.63	1.00	0.01
2.24	140.22	1.19	0.60	1.00	0.01	2.25	132.64	1.01	1.01	1.00	0.01
2.26	132.12	1.00	1.05	1.00	0.01	2.27	125.64	0.88	1.66	1.00	0.02
2.28	123.72	0.85	1.96	1.00	0.02	2.29	123.98	0.85	1.93	1.00	0.02
2.30	117.53	0.77	2.71	1.00	0.03	2.31	119.85	0.79	2.66	1.00	0.03
2.32	117.24	0.76	2.72	1.00	0.03	2.33	116.05	0.75	2.75	1.00	0.03
2.34	109.68	0.68	2.92	1.00	0.03	2.35	113.03	0.71	2.83	1.00	0.03
2.36	108.25	0.66	2.96	1.00	0.03	2.37	108.95	0.67	2.94	1.00	0.03
2.38	103.90	0.63	3.09	1.00	0.03	2.39	109.46	0.67	2.93	1.00	0.03
2.40	109.35	0.67	2.93	1.00	0.03	2.41	110.82	0.68	2.89	1.00	0.03
2.42	112.96	0.70	2.83	1.00	0.03	2.43	117.57	0.75	2.71	1.00	0.03
2.44	118.82	0.77	2.68	1.00	0.03	2.45	121.55	0.80	2.62	1.00	0.03
2.46	117.38	0.75	2.72	1.00	0.03	2.47	120.45	0.78	2.64	1.00	0.03
2.48	117.35	0.74	2.72	1.00	0.03	2.49	120.66	0.78	2.64	1.00	0.03
2.50	113.51	0.70	2.82	1.00	0.03	2.51	112.12	0.69	2.85	1.00	0.03
2.52	105.34	0.62	3.05	1.00	0.03	2.53	105.45	0.63	3.04	1.00	0.03
2.54	96.42	0.56	3.33	1.00	0.03	2.55	92.59	0.54	3.47	1.00	0.03
2.56	87.69	0.51	3.67	1.00	0.04	2.57	86.21	0.50	3.73	1.00	0.04
2.58	89.01	0.51	3.61	1.00	0.04	2.59	83.45	0.49	3.85	1.00	0.04
2.60	89.47	0.52	3.59	1.00	0.04	2.61	84.03	0.49	3.82	1.00	0.04
2.62	89.78	0.52	3.58	1.00	0.03	2.63	82.21	0.48	3.90	1.00	0.04
2.64	90.16	0.52	3.57	1.00	0.04	2.65	83.68	0.48	3.84	1.00	0.04
2.66	93.49	0.54	3.44	1.00	0.03	2.67	96.49	0.55	3.33	1.00	0.03
2.68	96.43	0.55	3.33	1.00	0.03	2.69	103.37	0.60	3.11	1.00	0.03
2.70	100.73	0.58	3.19	1.00	0.03	2.71	101.15	0.58	3.18	1.00	0.03
2.72	105.79	0.62	3.03	1.00	0.03	2.73	96.67	0.55	3.33	1.00	0.04
2.74	103.11	0.59	3.11	1.00	0.03	2.75	94.19	0.54	3.41	1.00	0.03
2.76	100.28	0.57	3.20	1.00	0.03	2.77	91.51	0.52	3.51	1.00	0.03
2.78	97.26	0.55	3.31	1.00	0.04	2.79	89.36	0.51	3.60	1.00	0.04
2.80	89.48	0.51	3.59	1.00	0.04	2.81	91.29	0.52	3.52	1.00	0.03
2.82	94.88	0.54	3.39	1.00	0.03	2.83	105.29	0.61	3.05	1.00	0.03
2.84	104.09	0.60	3.08	1.00	0.03	2.85	80.79	0.46	3.97	1.00	0.04
2.86	100.84	0.57	3.19	1.00	0.03	2.87	106.56	0.61	3.01	1.00	0.03
2.88	118.68	0.73	2.69	1.00	0.03	2.89	129.40	0.88	1.57	1.00	0.02
2.90	157.34	1.75	0.11	1.00	0.00	2.91	152.12	1.50	0.27	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
2.92	144.84	1.23	0.54	1.00	0.01	2.93	147.67	1.32	0.43	1.00	0.00
2.94	148.41	1.35	0.41	1.00	0.00	2.95	145.46	1.25	0.52	1.00	0.01
2.96	155.29	1.63	0.18	1.00	0.00	2.97	182.73	2.00	0.00	1.00	0.00
2.98	175.43	2.00	0.00	1.00	0.00	2.99	146.66	1.28	0.48	1.00	0.00
3.00	131.90	0.91	1.37	1.00	0.01	3.01	135.40	0.98	1.08	1.00	0.01
3.02	145.02	1.22	0.56	1.00	0.01	3.03	140.45	1.09	0.78	1.00	0.01
3.04	145.94	1.25	0.52	1.00	0.01	3.05	147.78	1.31	0.45	1.00	0.00
3.06	149.55	1.37	0.39	1.00	0.00	3.07	151.13	1.43	0.33	1.00	0.00
3.08	153.93	1.54	0.24	1.00	0.00	3.09	152.95	1.50	0.27	1.00	0.00
3.10	156.76	1.68	0.15	1.00	0.00	3.11	166.37	2.00	0.00	1.00	0.00
3.12	169.65	2.00	0.00	1.00	0.00	3.13	173.54	2.00	0.00	1.00	0.00
3.14	178.30	2.00	0.00	1.00	0.00	3.15	185.40	2.00	0.00	1.00	0.00
3.16	193.74	2.00	0.00	1.00	0.00	3.17	202.78	2.00	0.00	1.00	0.00
3.18	209.15	2.00	0.00	1.00	0.00	3.19	213.23	2.00	0.00	1.00	0.00
3.20	212.71	2.00	0.00	1.00	0.00	3.21	214.58	2.00	0.00	1.00	0.00
3.22	213.24	2.00	0.00	1.00	0.00	3.23	208.25	2.00	0.00	1.00	0.00
3.24	203.31	2.00	0.00	1.00	0.00	3.25	197.07	2.00	0.00	1.00	0.00
3.26	192.00	2.00	0.00	1.00	0.00	3.27	187.67	2.00	0.00	1.00	0.00
3.28	183.74	2.00	0.00	1.00	0.00	3.29	180.80	2.00	0.00	1.00	0.00
3.30	178.46	2.00	0.00	1.00	0.00	3.31	177.71	2.00	0.00	1.00	0.00
3.32	180.07	2.00	0.00	1.00	0.00	3.33	183.58	2.00	0.00	1.00	0.00
3.34	186.53	2.00	0.00	1.00	0.00	3.35	189.33	2.00	0.00	1.00	0.00
3.36	191.29	2.00	0.00	1.00	0.00	3.37	189.02	2.00	0.00	1.00	0.00
3.38	185.57	2.00	0.00	1.00	0.00	3.39	181.51	2.00	0.00	1.00	0.00
3.40	176.98	2.00	0.00	1.00	0.00	3.41	172.62	2.00	0.00	1.00	0.00
3.42	170.96	2.00	0.00	1.00	0.00	3.43	169.66	2.00	0.00	1.00	0.00
3.44	168.82	2.00	0.00	1.00	0.00	3.45	167.91	2.00	0.00	1.00	0.00
3.46	167.84	2.00	0.00	1.00	0.00	3.47	167.73	2.00	0.00	1.00	0.00
3.48	167.04	2.00	0.00	1.00	0.00	3.49	167.89	2.00	0.00	1.00	0.00
3.50	170.00	2.00	0.00	1.00	0.00	3.51	171.86	2.00	0.00	1.00	0.00
3.52	171.56	2.00	0.00	1.00	0.00	3.53	170.67	2.00	0.00	1.00	0.00
3.54	168.46	2.00	0.00	1.00	0.00	3.55	166.59	2.00	0.00	1.00	0.00
3.56	195.81	2.00	0.00	1.00	0.00	3.57	156.86	1.61	0.19	1.00	0.00
3.58	153.78	1.47	0.30	1.00	0.00	3.59	151.65	1.38	0.37	1.00	0.00
3.60	150.16	1.32	0.43	1.00	0.00	3.61	146.83	1.21	0.57	1.00	0.01
3.62	139.08	1.00	0.99	1.00	0.01	3.63	134.65	0.91	1.34	1.00	0.01
3.64	132.64	0.87	1.55	1.00	0.02	3.65	130.87	0.84	1.78	1.00	0.02
3.66	129.32	0.81	2.02	1.00	0.02	3.67	127.67	0.79	2.34	1.00	0.02
3.68	127.15	0.78	2.46	1.00	0.02	3.69	124.54	0.75	2.55	1.00	0.03
3.70	122.27	0.72	2.60	1.00	0.03	3.71	119.30	0.68	2.67	1.00	0.03
3.72	115.91	0.65	2.76	1.00	0.03	3.73	112.44	0.61	2.84	1.00	0.03
3.74	107.29	0.57	2.99	1.00	0.03	3.75	101.62	0.53	3.16	1.00	0.03
3.76	99.88	0.52	3.22	1.00	0.03	3.77	97.64	0.51	3.29	1.00	0.03
3.78	92.29	0.48	3.48	1.00	0.03	3.79	89.90	0.47	3.58	1.00	0.04
3.80	92.18	0.48	3.49	1.00	0.03	3.81	98.82	0.51	3.25	1.00	0.03
3.82	103.52	0.54	3.10	1.00	0.03	3.83	105.91	0.56	3.03	1.00	0.03
3.84	108.02	0.58	2.97	1.00	0.03	3.85	106.50	0.57	3.01	1.00	0.03
3.86	105.31	0.56	3.05	1.00	0.03	3.87	104.18	0.55	3.08	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
3.88	101.32	0.53	3.17	1.00	0.03	3.89	100.41	0.52	3.20	1.00	0.03
3.90	100.51	0.52	3.20	1.00	0.03	3.91	102.59	0.54	3.13	1.00	0.03
3.92	103.71	0.54	3.10	1.00	0.03	3.93	116.42	0.65	2.74	1.00	0.03
3.94	99.46	0.52	3.23	1.00	0.03	3.95	94.72	0.49	3.39	1.00	0.03
3.96	104.62	0.55	3.07	1.00	0.03	3.97	72.76	0.39	4.39	1.00	0.04
3.98	70.66	0.39	4.51	1.00	0.05	3.99	70.80	0.39	4.50	1.00	0.05
4.00	69.47	0.38	4.58	1.00	0.05	4.01	70.43	0.39	4.52	1.00	0.05
4.02	69.55	0.38	4.58	1.00	0.05	4.03	68.59	0.38	4.64	1.00	0.05
4.04	72.40	0.39	4.41	1.00	0.04	4.05	80.32	0.42	3.99	1.00	0.04
4.06	85.67	0.44	3.75	1.00	0.04	4.07	88.43	0.46	3.64	1.00	0.04
4.08	89.72	0.46	3.58	1.00	0.04	4.09	94.14	0.48	3.42	1.00	0.03
4.10	99.30	0.51	3.24	1.00	0.03	4.11	105.14	0.55	3.05	1.00	0.03
4.12	111.56	0.60	2.87	1.00	0.03	4.13	151.31	1.34	0.41	1.00	0.00
4.14	140.80	1.02	0.92	1.00	0.01	4.15	126.77	0.76	2.50	1.00	0.02
4.16	129.98	0.81	2.02	1.00	0.02	4.17	132.36	0.85	1.67	1.00	0.02
4.18	133.19	0.86	1.57	1.00	0.02	4.19	134.42	0.88	1.44	1.00	0.01
4.20	134.83	0.89	1.40	1.00	0.01	4.21	134.34	0.88	1.46	1.00	0.01
4.22	133.71	0.87	1.53	1.00	0.02	4.23	133.69	0.87	1.53	1.00	0.02
4.24	134.44	0.88	1.45	1.00	0.01	4.25	133.58	0.87	1.55	1.00	0.02
4.26	131.72	0.83	1.79	1.00	0.02	4.27	128.83	0.79	2.29	1.00	0.02
4.28	126.59	0.75	2.51	1.00	0.03	4.29	129.00	0.79	2.27	1.00	0.02
4.30	120.48	0.68	2.64	1.00	0.03	4.31	117.06	0.64	2.73	1.00	0.03
4.32	114.73	0.62	2.79	1.00	0.03	4.33	112.34	0.60	2.85	1.00	0.03
4.34	109.54	0.57	2.92	1.00	0.03	4.35	107.07	0.56	2.99	1.00	0.03
4.36	102.40	0.52	3.14	1.00	0.03	4.37	98.96	0.50	3.25	1.00	0.03
4.38	96.27	0.49	3.34	1.00	0.03	4.39	94.88	0.48	3.39	1.00	0.03
4.40	94.36	0.48	3.41	1.00	0.03	4.41	94.72	0.48	3.39	1.00	0.03
4.42	95.28	0.48	3.37	1.00	0.03	4.43	96.24	0.49	3.34	1.00	0.03
4.44	94.32	0.47	3.41	1.00	0.03	4.45	100.62	0.51	3.19	1.00	0.03
4.46	103.83	0.53	3.09	1.00	0.03	4.47	107.44	0.56	2.98	1.00	0.03
4.48	110.50	0.58	2.90	1.00	0.03	4.49	112.82	0.60	2.84	1.00	0.03
4.50	162.41	1.85	0.06	1.00	0.00	4.51	158.10	1.61	0.20	1.00	0.00
4.52	149.50	1.25	0.52	1.00	0.01	4.53	148.68	1.22	0.55	1.00	0.01
4.54	155.19	1.47	0.30	1.00	0.00	4.55	114.82	0.61	2.78	1.00	0.03
4.56	124.16	0.71	2.56	1.00	0.03	4.57	127.81	0.76	2.48	1.00	0.02
4.58	167.86	2.00	0.00	1.00	0.00	4.59	136.48	0.90	1.32	1.00	0.01
4.60	118.73	0.65	2.69	1.00	0.03	4.61	118.60	0.65	2.69	1.00	0.03
4.62	133.80	0.85	1.61	1.00	0.02	4.63	159.87	1.69	0.15	1.00	0.00
4.64	130.47	0.80	2.11	1.00	0.02	4.65	111.04	0.58	2.88	1.00	0.03
4.66	110.54	0.57	2.90	1.00	0.03	4.67	110.37	0.57	2.90	1.00	0.03
4.68	110.46	0.57	2.90	1.00	0.03	4.69	110.92	0.58	2.89	1.00	0.03
4.70	113.14	0.59	2.83	1.00	0.03	4.71	109.82	0.57	2.92	1.00	0.03
4.72	110.71	0.57	2.89	1.00	0.03	4.73	115.73	0.62	2.76	1.00	0.03
4.74	116.43	0.62	2.74	1.00	0.03	4.75	113.04	0.59	2.83	1.00	0.03
4.76	116.81	0.63	2.73	1.00	0.03	4.77	116.21	0.62	2.75	1.00	0.03
4.78	112.15	0.58	2.85	1.00	0.03	4.79	111.04	0.57	2.88	1.00	0.03
4.80	112.40	0.59	2.85	1.00	0.03	4.81	109.93	0.57	2.91	1.00	0.03
4.82	109.99	0.57	2.91	1.00	0.03	4.83	104.77	0.53	3.06	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
4.84	102.79	0.51	3.12	1.00	0.03	4.85	102.54	0.51	3.13	1.00	0.03
4.86	98.82	0.49	3.25	1.00	0.03	4.87	98.74	0.49	3.25	1.00	0.03
4.88	95.25	0.47	3.38	1.00	0.03	4.89	92.15	0.45	3.49	1.00	0.04
4.90	83.75	0.42	3.84	1.00	0.04	4.91	80.95	0.41	3.96	1.00	0.04
4.92	83.05	0.41	3.87	1.00	0.04	4.93	79.51	0.40	4.03	1.00	0.04
4.94	76.39	0.39	4.19	1.00	0.04	4.95	75.54	0.38	4.23	1.00	0.04
4.96	78.64	0.40	4.08	1.00	0.04	4.97	77.92	0.39	4.11	1.00	0.04
4.98	79.42	0.40	4.04	1.00	0.04	4.99	80.08	0.40	4.01	1.00	0.04
5.00	84.88	0.42	3.79	1.00	0.04	5.01	93.15	0.46	3.45	1.00	0.04
5.02	89.11	0.44	3.61	1.00	0.03	5.03	88.48	0.44	3.63	1.00	0.04
5.04	93.19	0.46	3.45	1.00	0.03	5.05	84.83	0.42	3.79	1.00	0.04
5.06	91.75	0.45	3.51	1.00	0.03	5.07	93.90	0.46	3.42	1.00	0.04
5.08	94.95	0.47	3.39	1.00	0.03	5.09	97.76	0.48	3.29	1.00	0.03
5.10	99.84	0.50	3.22	1.00	0.03	5.11	96.89	0.48	3.32	1.00	0.04
5.12	105.05	0.53	3.05	1.00	0.03	5.13	101.43	0.51	3.17	1.00	0.03
5.14	104.77	0.53	3.06	1.00	0.03	5.15	101.86	0.51	3.15	1.00	0.03
5.16	99.40	0.49	3.23	1.00	0.03	5.17	101.11	0.50	3.18	1.00	0.03
5.18	98.45	0.49	3.26	1.00	0.03	5.19	95.69	0.47	3.36	1.00	0.04
5.20	89.51	0.44	3.59	1.00	0.03	5.21	87.76	0.43	3.66	1.00	0.04
5.22	93.08	0.46	3.45	1.00	0.03	5.23	96.46	0.48	3.33	1.00	0.03
5.24	93.08	0.46	3.46	1.00	0.03	5.25	89.58	0.44	3.59	1.00	0.04
5.26	78.30	0.39	4.09	1.00	0.04	5.27	81.58	0.41	3.93	1.00	0.04
5.28	83.19	0.41	3.86	1.00	0.04	5.29	83.70	0.41	3.84	1.00	0.04
5.30	79.51	0.40	4.03	1.00	0.04	5.31	78.66	0.39	4.07	1.00	0.04
5.32	78.89	0.39	4.06	1.00	0.04	5.33	76.53	0.38	4.18	1.00	0.04
5.34	74.06	0.38	4.32	1.00	0.04	5.35	70.10	0.36	4.54	1.00	0.05
5.36	76.75	0.39	4.17	1.00	0.04	5.37	81.92	0.41	3.92	1.00	0.04
5.38	81.85	0.41	3.92	1.00	0.04	5.39	84.40	0.42	3.81	1.00	0.04
5.40	85.83	0.42	3.74	1.00	0.04	5.41	84.94	0.42	3.78	1.00	0.04
5.42	83.48	0.41	3.85	1.00	0.04	5.43	79.77	0.40	4.02	1.00	0.04
5.44	75.47	0.38	4.24	1.00	0.04	5.45	73.78	0.37	4.33	1.00	0.04
5.46	70.64	0.36	4.51	1.00	0.05	5.47	75.27	0.38	4.25	1.00	0.04
5.48	77.54	0.39	4.13	1.00	0.04	5.49	74.10	0.37	4.31	1.00	0.04
5.50	72.72	0.37	4.39	1.00	0.05	5.51	69.84	0.36	4.56	1.00	0.05
5.52	71.91	0.37	4.44	1.00	0.04	5.53	90.07	0.44	3.57	1.00	0.04
5.54	81.83	0.40	3.92	1.00	0.04	5.55	90.70	0.44	3.55	1.00	0.04
5.56	88.53	0.43	3.63	1.00	0.04	5.57	91.27	0.45	3.52	1.00	0.03
5.58	90.36	0.44	3.56	1.00	0.04	5.59	85.04	0.42	3.78	1.00	0.04
5.60	86.27	0.42	3.73	1.00	0.04	5.61	86.04	0.42	3.73	1.00	0.04
5.62	85.27	0.42	3.77	1.00	0.04	5.63	80.94	0.40	3.96	1.00	0.04
5.64	24.49	2.00	0.00	1.00	0.00	5.65	18.54	2.00	0.00	1.00	0.00
5.66	21.90	2.00	0.00	1.00	0.00	5.67	80.03	0.40	4.01	1.00	0.04
5.68	85.93	0.42	3.74	1.00	0.04	5.69	90.23	0.44	3.56	1.00	0.04
5.70	88.02	0.43	3.65	1.00	0.03	5.71	92.65	0.45	3.47	1.00	0.04
5.72	88.32	0.43	3.64	1.00	0.03	5.73	85.81	0.42	3.74	1.00	0.04
5.74	85.23	0.42	3.77	1.00	0.04	5.75	80.02	0.40	4.01	1.00	0.04
5.76	82.89	0.41	3.87	1.00	0.04	5.77	81.03	0.40	3.96	1.00	0.04
5.78	77.26	0.39	4.15	1.00	0.04	5.79	74.77	0.38	4.28	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
5.80	73.22	0.37	4.36	1.00	0.05	5.81	74.67	0.38	4.28	1.00	0.04
5.82	73.32	0.37	4.36	1.00	0.05	5.83	71.83	0.37	4.44	1.00	0.04
5.84	70.80	0.36	4.50	1.00	0.05	5.85	72.37	0.37	4.41	1.00	0.04
5.86	70.08	0.36	4.54	1.00	0.05	5.87	69.40	0.36	4.59	1.00	0.04
5.88	62.53	0.33	5.04	1.00	0.05	5.89	66.79	0.35	4.75	1.00	0.05
5.90	63.06	0.34	5.01	1.00	0.05	5.91	65.08	0.34	4.86	1.00	0.05
5.92	71.13	0.36	4.48	1.00	0.04	5.93	73.38	0.37	4.35	1.00	0.05
5.94	73.52	0.37	4.34	1.00	0.04	5.95	78.92	0.39	4.06	1.00	0.04
5.96	79.47	0.39	4.03	1.00	0.04	5.97	84.68	0.41	3.79	1.00	0.04
5.98	92.78	0.45	3.47	1.00	0.03	5.99	120.11	0.65	2.65	1.00	0.03
6.00	123.71	0.70	2.57	1.00	0.03	6.01	123.62	0.69	2.57	1.00	0.02
6.02	122.07	0.68	2.61	1.00	0.03	6.03	93.52	0.45	3.44	1.00	0.03
6.04	101.06	0.50	3.18	1.00	0.03	6.05	101.34	0.50	3.17	1.00	0.03
6.06	103.53	0.51	3.10	1.00	0.03	6.07	107.74	0.54	2.98	1.00	0.03
6.08	110.44	0.56	2.90	1.00	0.03	6.09	108.75	0.55	2.95	1.00	0.03
6.10	113.74	0.59	2.81	1.00	0.03	6.11	113.08	0.59	2.83	1.00	0.03
6.12	112.97	0.58	2.83	1.00	0.03	6.13	116.38	0.61	2.74	1.00	0.03
6.14	116.53	0.62	2.74	1.00	0.03	6.15	113.34	0.59	2.82	1.00	0.03
6.16	113.61	0.59	2.81	1.00	0.03	6.17	108.83	0.55	2.94	1.00	0.03
6.18	105.57	0.53	3.04	1.00	0.03	6.19	100.16	0.49	3.21	1.00	0.03
6.20	92.07	0.44	3.49	1.00	0.03	6.21	86.91	0.42	3.70	1.00	0.04
6.22	86.85	0.42	3.70	1.00	0.04	6.23	78.97	0.39	4.06	1.00	0.04
6.24	75.05	0.37	4.26	1.00	0.05	6.25	74.74	0.37	4.28	1.00	0.04
6.26	77.02	0.38	4.16	1.00	0.04	6.27	80.92	0.39	3.96	1.00	0.04
6.28	84.01	0.41	3.82	1.00	0.04	6.29	86.30	0.42	3.72	1.00	0.04
6.30	84.84	0.41	3.79	1.00	0.04	6.31	88.11	0.42	3.65	1.00	0.04
6.32	86.25	0.42	3.73	1.00	0.04	6.33	84.89	0.41	3.78	1.00	0.04
6.34	83.36	0.40	3.85	1.00	0.04	6.35	79.08	0.39	4.05	1.00	0.04
6.36	75.11	0.37	4.26	1.00	0.04	6.37	79.52	0.39	4.03	1.00	0.04
6.38	72.99	0.36	4.37	1.00	0.04	6.39	80.48	0.39	3.99	1.00	0.04
6.40	73.59	0.37	4.34	1.00	0.05	6.41	81.59	0.40	3.93	1.00	0.04
6.42	71.69	0.36	4.45	1.00	0.05	6.43	73.24	0.37	4.36	1.00	0.04
6.44	68.85	0.35	4.62	1.00	0.05	6.45	74.93	0.37	4.27	1.00	0.04
6.46	77.48	0.38	4.13	1.00	0.04	6.47	78.78	0.39	4.07	1.00	0.04
6.48	80.02	0.39	4.01	1.00	0.04	6.49	77.90	0.38	4.11	1.00	0.04
6.50	78.16	0.38	4.10	1.00	0.04	6.51	79.10	0.39	4.05	1.00	0.04
6.52	83.40	0.40	3.85	1.00	0.04	6.53	84.41	0.41	3.81	1.00	0.04
6.54	81.78	0.40	3.92	1.00	0.04	6.55	82.92	0.40	3.87	1.00	0.04
6.56	81.73	0.40	3.93	1.00	0.04	6.57	80.37	0.39	3.99	1.00	0.04
6.58	83.04	0.40	3.87	1.00	0.04	6.59	73.88	0.37	4.33	1.00	0.04
6.60	70.28	0.35	4.53	1.00	0.05	6.61	71.55	0.36	4.46	1.00	0.04
6.62	69.22	0.35	4.60	1.00	0.05	6.63	65.52	0.34	4.83	1.00	0.05
6.64	73.78	0.37	4.33	1.00	0.05	6.65	68.58	0.35	4.64	1.00	0.04
6.66	75.77	0.37	4.22	1.00	0.04	6.67	76.52	0.38	4.18	1.00	0.04
6.68	73.55	0.37	4.34	1.00	0.04	6.69	80.40	0.39	3.99	1.00	0.04
6.70	78.78	0.38	4.07	1.00	0.04	6.71	78.02	0.38	4.11	1.00	0.04
6.72	81.70	0.40	3.93	1.00	0.04	6.73	83.45	0.40	3.85	1.00	0.04
6.74	81.51	0.40	3.94	1.00	0.04	6.75	88.33	0.42	3.64	1.00	0.03

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
6.76	82.19	0.40	3.91	1.00	0.04	6.77	86.76	0.42	3.70	1.00	0.04
6.78	83.71	0.40	3.84	1.00	0.04	6.79	78.30	0.38	4.09	1.00	0.04
6.80	76.98	0.38	4.16	1.00	0.04	6.81	19.89	2.00	0.00	1.00	0.00
6.82	13.98	2.00	0.00	1.00	0.00	6.83	12.98	2.00	0.00	1.00	0.00
6.84	15.70	2.00	0.00	1.00	0.00	6.85	14.81	2.00	0.00	1.00	0.00
6.86	10.27	2.00	0.00	1.00	0.00	6.87	11.01	2.00	0.00	1.00	0.00
6.88	15.09	2.00	0.00	1.00	0.00	6.89	11.35	2.00	0.00	1.00	0.00
6.90	14.78	2.00	0.00	1.00	0.00	6.91	14.46	2.00	0.00	1.00	0.00
6.92	14.25	2.00	0.00	1.00	0.00	6.93	14.17	2.00	0.00	1.00	0.00
6.94	9.10	2.00	0.00	1.00	0.00	6.95	9.45	2.00	0.00	1.00	0.00
6.96	13.79	2.00	0.00	1.00	0.00	6.97	14.70	2.00	0.00	1.00	0.00
6.98	11.27	2.00	0.00	1.00	0.00	6.99	13.33	2.00	0.00	1.00	0.00
7.00	20.84	2.00	0.00	1.00	0.00	7.01	79.03	0.39	4.06	1.00	0.04
7.02	82.74	0.40	3.88	1.00	0.04	7.03	82.85	0.40	3.88	1.00	0.04
7.04	76.61	0.38	4.18	1.00	0.04	7.05	75.65	0.37	4.23	1.00	0.04
7.06	74.48	0.37	4.29	1.00	0.05	7.07	72.11	0.36	4.42	1.00	0.04
7.08	81.47	0.40	3.94	1.00	0.04	7.09	75.24	0.37	4.25	1.00	0.04
7.10	81.05	0.39	3.96	1.00	0.04	7.11	81.69	0.40	3.93	1.00	0.04
7.12	79.11	0.39	4.05	1.00	0.04	7.13	78.07	0.38	4.10	1.00	0.04
7.14	82.66	0.40	3.88	1.00	0.04	7.15	76.81	0.38	4.17	1.00	0.04
7.16	75.24	0.37	4.25	1.00	0.05	7.17	79.03	0.39	4.06	1.00	0.04
7.18	77.92	0.38	4.11	1.00	0.04	7.19	73.18	0.36	4.36	1.00	0.04
7.20	79.12	0.39	4.05	1.00	0.04	7.21	73.31	0.36	4.36	1.00	0.04
7.22	20.80	2.00	0.00	1.00	0.00	7.23	17.32	2.00	0.00	1.00	0.00
7.24	18.39	2.00	0.00	1.00	0.00	7.25	17.58	2.00	0.00	1.00	0.00
7.26	16.82	2.00	0.00	1.00	0.00	7.27	17.47	2.00	0.00	1.00	0.00
7.28	76.93	0.38	4.16	1.00	0.04	7.29	86.51	0.42	3.72	1.00	0.04
7.30	89.55	0.43	3.59	1.00	0.04	7.31	85.90	0.41	3.74	1.00	0.04
7.32	82.25	0.40	3.90	1.00	0.04	7.33	78.81	0.38	4.07	1.00	0.04
7.34	75.56	0.37	4.23	1.00	0.04	7.35	70.22	0.35	4.54	1.00	0.04
7.36	75.88	0.37	4.22	1.00	0.04	7.37	75.68	0.37	4.23	1.00	0.04
7.38	74.39	0.37	4.30	1.00	0.05	7.39	76.52	0.38	4.18	1.00	0.04
7.40	77.61	0.38	4.13	1.00	0.04	7.41	76.61	0.38	4.18	1.00	0.04
7.42	79.02	0.39	4.06	1.00	0.04	7.43	81.49	0.40	3.94	1.00	0.04
7.44	81.84	0.40	3.92	1.00	0.04	7.45	77.00	0.38	4.16	1.00	0.04
7.46	75.74	0.37	4.22	1.00	0.04	7.47	79.46	0.39	4.04	1.00	0.04
7.48	78.47	0.38	4.08	1.00	0.04	7.49	77.59	0.38	4.13	1.00	0.04
7.50	76.76	0.38	4.17	1.00	0.04	7.51	20.90	2.00	0.00	1.00	0.00
7.52	15.91	2.00	0.00	1.00	0.00	7.53	18.53	2.00	0.00	1.00	0.00
7.54	12.82	2.00	0.00	1.00	0.00	7.55	15.02	2.00	0.00	1.00	0.00
7.56	11.45	2.00	0.00	1.00	0.00	7.57	9.70	2.00	0.00	1.00	0.00
7.58	13.46	2.00	0.00	1.00	0.00	7.59	13.14	2.00	0.00	1.00	0.00
7.60	10.70	2.00	0.00	1.00	0.00	7.61	10.08	2.00	0.00	1.00	0.00
7.62	9.64	2.00	0.00	1.00	0.00	7.63	13.41	2.00	0.00	1.00	0.00
7.64	12.12	2.00	0.00	1.00	0.00	7.65	13.25	2.00	0.00	1.00	0.00
7.66	12.96	2.00	0.00	1.00	0.00	7.67	11.05	2.00	0.00	1.00	0.00
7.68	12.81	2.00	0.00	1.00	0.00	7.69	8.22	2.00	0.00	1.00	0.00
7.70	7.66	2.00	0.00	1.00	0.00	7.71	11.39	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
7.72	9.10	2.00	0.00	1.00	0.00	7.73	11.16	2.00	0.00	1.00	0.00
7.74	11.45	2.00	0.00	1.00	0.00	7.75	7.38	2.00	0.00	1.00	0.00
7.76	11.56	2.00	0.00	1.00	0.00	7.77	11.06	2.00	0.00	1.00	0.00
7.78	9.56	2.00	0.00	1.00	0.00	7.79	8.07	2.00	0.00	1.00	0.00
7.80	8.68	2.00	0.00	1.00	0.00	7.81	12.79	2.00	0.00	1.00	0.00
7.82	12.13	2.00	0.00	1.00	0.00	7.83	14.30	2.00	0.00	1.00	0.00
7.84	14.51	2.00	0.00	1.00	0.00	7.85	14.73	2.00	0.00	1.00	0.00
7.86	10.77	2.00	0.00	1.00	0.00	7.87	14.71	2.00	0.00	1.00	0.00
7.88	14.52	2.00	0.00	1.00	0.00	7.89	10.38	2.00	0.00	1.00	0.00
7.90	13.89	2.00	0.00	1.00	0.00	7.91	11.94	2.00	0.00	1.00	0.00
7.92	13.50	2.00	0.00	1.00	0.00	7.93	17.80	2.00	0.00	1.00	0.00
7.94	76.34	0.38	4.19	1.00	0.04	7.95	81.59	0.40	3.93	1.00	0.04
7.96	81.15	0.39	3.95	1.00	0.04	7.97	83.68	0.40	3.84	1.00	0.04
7.98	84.37	0.41	3.81	1.00	0.04	7.99	82.71	0.40	3.88	1.00	0.04
8.00	81.11	0.39	3.96	1.00	0.04	8.01	86.60	0.42	3.71	1.00	0.04
8.02	81.35	0.40	3.94	1.00	0.04	8.03	83.09	0.40	3.86	1.00	0.04
8.04	78.09	0.38	4.10	1.00	0.04	8.05	82.98	0.40	3.87	1.00	0.04
8.06	78.07	0.38	4.10	1.00	0.04	8.07	81.75	0.40	3.93	1.00	0.04
8.08	77.96	0.38	4.11	1.00	0.04	8.09	75.43	0.37	4.24	1.00	0.04
8.10	77.29	0.38	4.14	1.00	0.04	8.11	77.18	0.38	4.15	1.00	0.04
8.12	73.55	0.37	4.34	1.00	0.04	8.13	75.74	0.37	4.22	1.00	0.04
8.14	79.97	0.39	4.01	1.00	0.04	8.15	76.78	0.38	4.17	1.00	0.04
8.16	81.44	0.40	3.94	1.00	0.04	8.17	81.24	0.40	3.95	1.00	0.04
8.18	78.17	0.38	4.10	1.00	0.04	8.19	80.33	0.39	3.99	1.00	0.04
8.20	79.15	0.39	4.05	1.00	0.04	8.21	82.86	0.40	3.88	1.00	0.04
8.22	82.72	0.40	3.88	1.00	0.04	8.23	88.31	0.43	3.64	1.00	0.03
8.24	86.76	0.42	3.70	1.00	0.04	8.25	91.76	0.44	3.50	1.00	0.03
8.26	92.18	0.44	3.49	1.00	0.04	8.27	89.04	0.43	3.61	1.00	0.03
8.28	91.26	0.44	3.52	1.00	0.04	8.29	89.88	0.43	3.58	1.00	0.03
8.30	78.78	0.39	4.07	1.00	0.04	8.31	76.88	0.38	4.16	1.00	0.04
8.32	66.70	0.35	4.76	1.00	0.05	8.33	73.27	0.37	4.36	1.00	0.05
8.34	71.90	0.36	4.44	1.00	0.04	8.35	74.96	0.37	4.27	1.00	0.05
8.36	80.95	0.39	3.96	1.00	0.04	8.37	82.75	0.40	3.88	1.00	0.04
8.38	83.99	0.41	3.82	1.00	0.04	8.39	86.83	0.42	3.70	1.00	0.04
8.40	87.01	0.42	3.69	1.00	0.04	8.41	88.83	0.43	3.62	1.00	0.04
8.42	87.61	0.42	3.67	1.00	0.03	8.43	88.65	0.43	3.63	1.00	0.04
8.44	88.05	0.42	3.65	1.00	0.03	8.45	85.67	0.41	3.75	1.00	0.04
8.46	89.86	0.43	3.58	1.00	0.03	8.47	89.47	0.43	3.59	1.00	0.04
8.48	90.55	0.44	3.55	1.00	0.03	8.49	90.58	0.44	3.55	1.00	0.04
8.50	84.44	0.41	3.80	1.00	0.04	8.51	80.69	0.39	3.98	1.00	0.04
8.52	80.47	0.39	3.99	1.00	0.04	8.53	76.81	0.38	4.17	1.00	0.04
8.54	93.52	0.45	3.44	1.00	0.03	8.55	76.45	0.38	4.19	1.00	0.04
8.56	52.75	0.30	5.86	1.00	0.06	8.57	66.57	0.34	4.77	1.00	0.05
8.58	73.56	0.37	4.34	1.00	0.05	8.59	78.60	0.38	4.08	1.00	0.04
8.60	78.98	0.39	4.06	1.00	0.04	8.61	74.65	0.37	4.28	1.00	0.04
8.62	17.75	2.00	0.00	1.00	0.00	8.63	18.01	2.00	0.00	1.00	0.00
8.64	13.78	2.00	0.00	1.00	0.00	8.65	16.08	2.00	0.00	1.00	0.00
8.66	15.29	2.00	0.00	1.00	0.00	8.67	11.28	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
8.68	10.84	2.00	0.00	1.00	0.00	8.69	14.60	2.00	0.00	1.00	0.00
8.70	14.21	2.00	0.00	1.00	0.00	8.71	10.47	2.00	0.00	1.00	0.00
8.72	9.82	2.00	0.00	1.00	0.00	8.73	13.61	2.00	0.00	1.00	0.00
8.74	9.72	2.00	0.00	1.00	0.00	8.75	13.71	2.00	0.00	1.00	0.00
8.76	11.62	2.00	0.00	1.00	0.00	8.77	14.63	2.00	0.00	1.00	0.00
8.78	17.94	2.00	0.00	1.00	0.00	8.79	75.82	0.38	4.22	1.00	0.04
8.80	78.93	0.39	4.06	1.00	0.04	8.81	79.84	0.39	4.02	1.00	0.04
8.82	76.95	0.38	4.16	1.00	0.04	8.83	75.49	0.37	4.24	1.00	0.05
8.84	77.69	0.38	4.12	1.00	0.04	8.85	74.69	0.37	4.28	1.00	0.04
8.86	76.94	0.38	4.16	1.00	0.04	8.87	19.01	2.00	0.00	1.00	0.00
8.88	14.35	2.00	0.00	1.00	0.00	8.89	17.02	2.00	0.00	1.00	0.00
8.90	13.46	2.00	0.00	1.00	0.00	8.91	13.41	2.00	0.00	1.00	0.00
8.92	14.73	2.00	0.00	1.00	0.00	8.93	13.63	2.00	0.00	1.00	0.00
8.94	17.42	2.00	0.00	1.00	0.00	8.95	17.52	2.00	0.00	1.00	0.00
8.96	14.35	2.00	0.00	1.00	0.00	8.97	17.31	2.00	0.00	1.00	0.00
8.98	16.25	2.00	0.00	1.00	0.00	8.99	16.06	2.00	0.00	1.00	0.00
9.00	77.21	0.38	4.15	1.00	0.04	9.01	77.09	0.38	4.15	1.00	0.04
9.02	78.07	0.38	4.10	1.00	0.04	9.03	78.93	0.39	4.06	1.00	0.04
9.04	81.29	0.40	3.95	1.00	0.04	9.05	77.78	0.38	4.12	1.00	0.04
9.06	83.16	0.40	3.86	1.00	0.04	9.07	78.69	0.39	4.07	1.00	0.04
9.08	83.68	0.41	3.84	1.00	0.04	9.09	81.57	0.40	3.93	1.00	0.04
9.10	80.71	0.39	3.97	1.00	0.04	9.11	82.05	0.40	3.91	1.00	0.04
9.12	79.10	0.39	4.05	1.00	0.04	9.13	82.16	0.40	3.91	1.00	0.04
9.14	80.65	0.39	3.98	1.00	0.04	9.15	78.02	0.38	4.11	1.00	0.04
9.16	80.01	0.39	4.01	1.00	0.04	9.17	74.49	0.37	4.29	1.00	0.04
9.18	21.26	2.00	0.00	1.00	0.00	9.19	16.73	2.00	0.00	1.00	0.00
9.20	20.08	2.00	0.00	1.00	0.00	9.21	16.54	2.00	0.00	1.00	0.00
9.22	76.82	0.38	4.17	1.00	0.04	9.23	79.20	0.39	4.05	1.00	0.04
9.24	78.06	0.39	4.10	1.00	0.04	9.25	80.69	0.40	3.98	1.00	0.04
9.26	86.31	0.42	3.72	1.00	0.04	9.27	78.72	0.39	4.07	1.00	0.04
9.28	78.37	0.39	4.09	1.00	0.04	9.29	67.16	0.35	4.73	1.00	0.05
9.30	74.09	0.37	4.31	1.00	0.04	9.31	67.86	0.35	4.68	1.00	0.05
9.32	74.98	0.37	4.26	1.00	0.04	9.33	72.73	0.37	4.39	1.00	0.05
9.34	77.09	0.38	4.15	1.00	0.04	9.35	78.50	0.39	4.08	1.00	0.04
9.36	77.08	0.38	4.15	1.00	0.04	9.37	80.89	0.40	3.97	1.00	0.04
9.38	79.36	0.39	4.04	1.00	0.04	9.39	74.55	0.37	4.29	1.00	0.04
9.40	78.97	0.39	4.06	1.00	0.04	9.41	72.93	0.37	4.38	1.00	0.04
9.42	20.38	2.00	0.00	1.00	0.00	9.43	72.71	0.37	4.39	1.00	0.05
9.44	19.27	2.00	0.00	1.00	0.00	9.45	18.14	2.00	0.00	1.00	0.00
9.46	13.71	2.00	0.00	1.00	0.00	9.47	12.99	2.00	0.00	1.00	0.00
9.48	15.83	2.00	0.00	1.00	0.00	9.49	15.00	2.00	0.00	1.00	0.00
9.50	11.30	2.00	0.00	1.00	0.00	9.51	11.16	2.00	0.00	1.00	0.00
9.52	15.12	2.00	0.00	1.00	0.00	9.53	15.71	2.00	0.00	1.00	0.00
9.54	12.65	2.00	0.00	1.00	0.00	9.55	17.40	2.00	0.00	1.00	0.00
9.56	73.74	0.37	4.33	1.00	0.05	9.57	71.46	0.36	4.46	1.00	0.04
9.58	75.61	0.38	4.23	1.00	0.04	9.59	71.66	0.36	4.45	1.00	0.04
9.60	72.36	0.37	4.41	1.00	0.05	9.61	18.64	2.00	0.00	1.00	0.00
9.62	15.80	2.00	0.00	1.00	0.00	9.63	18.05	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
9.64	17.06	2.00	0.00	1.00	0.00	9.65	13.16	2.00	0.00	1.00	0.00
9.66	13.27	2.00	0.00	1.00	0.00	9.67	17.25	2.00	0.00	1.00	0.00
9.68	17.55	2.00	0.00	1.00	0.00	9.69	14.34	2.00	0.00	1.00	0.00
9.70	14.34	2.00	0.00	1.00	0.00	9.71	18.28	2.00	0.00	1.00	0.00
9.72	72.66	0.37	4.39	1.00	0.05	9.73	73.70	0.37	4.33	1.00	0.04
9.74	74.10	0.37	4.31	1.00	0.05	9.75	69.08	0.36	4.61	1.00	0.04
9.76	74.37	0.37	4.30	1.00	0.04	9.77	74.56	0.38	4.29	1.00	0.05
9.78	71.32	0.36	4.47	1.00	0.04	9.79	72.03	0.37	4.43	1.00	0.05
9.80	74.10	0.37	4.31	1.00	0.04	9.81	70.94	0.36	4.49	1.00	0.05
9.82	73.75	0.37	4.33	1.00	0.04	9.83	17.19	2.00	0.00	1.00	0.00
9.84	12.96	2.00	0.00	1.00	0.00	9.85	15.82	2.00	0.00	1.00	0.00
9.86	13.07	2.00	0.00	1.00	0.00	9.87	12.06	2.00	0.00	1.00	0.00
9.88	15.63	2.00	0.00	1.00	0.00	9.89	14.34	2.00	0.00	1.00	0.00
9.90	12.77	2.00	0.00	1.00	0.00	9.91	15.24	2.00	0.00	1.00	0.00
9.92	15.12	2.00	0.00	1.00	0.00	9.93	11.37	2.00	0.00	1.00	0.00
9.94	11.47	2.00	0.00	1.00	0.00	9.95	15.04	2.00	0.00	1.00	0.00
9.96	14.76	2.00	0.00	1.00	0.00	9.97	11.16	2.00	0.00	1.00	0.00
9.98	12.43	2.00	0.00	1.00	0.00	9.99	11.86	2.00	0.00	1.00	0.00
10.00	10.91	2.00	0.00	1.00	0.00	10.01	11.88	2.00	0.00	1.00	0.00
10.02	14.35	2.00	0.00	1.00	0.00	10.03	14.48	2.00	0.00	1.00	0.00
10.04	14.81	2.00	0.00	1.00	0.00	10.05	11.22	2.00	0.00	1.00	0.00
10.06	15.14	2.00	0.00	1.00	0.00	10.07	15.03	2.00	0.00	1.00	0.00
10.08	12.00	2.00	0.00	1.00	0.00	10.09	11.86	2.00	0.00	1.00	0.00
10.10	15.27	2.00	0.00	1.00	0.00	10.11	14.92	2.00	0.00	1.00	0.00
10.12	11.59	2.00	0.00	1.00	0.00	10.13	15.34	2.00	0.00	1.00	0.00
10.14	11.63	2.00	0.00	1.00	0.00	10.15	15.31	2.00	0.00	1.00	0.00
10.16	13.17	2.00	0.00	1.00	0.00	10.17	16.37	2.00	0.00	1.00	0.00
10.18	72.31	0.37	4.41	1.00	0.05	10.19	71.26	0.37	4.47	1.00	0.04
10.20	17.00	2.00	0.00	1.00	0.00	10.21	13.61	2.00	0.00	1.00	0.00
10.22	13.84	2.00	0.00	1.00	0.00	10.23	17.71	2.00	0.00	1.00	0.00
10.24	14.39	2.00	0.00	1.00	0.00	10.25	14.83	2.00	0.00	1.00	0.00
10.26	18.45	2.00	0.00	1.00	0.00	10.27	70.95	0.36	4.49	1.00	0.05
10.28	74.09	0.38	4.31	1.00	0.04	10.29	75.15	0.38	4.26	1.00	0.05
10.30	72.77	0.37	4.39	1.00	0.04	10.31	72.64	0.37	4.39	1.00	0.05
10.32	74.72	0.38	4.28	1.00	0.04	10.33	71.66	0.37	4.45	1.00	0.05
10.34	75.41	0.38	4.24	1.00	0.04	10.35	75.30	0.38	4.25	1.00	0.05
10.36	73.39	0.37	4.35	1.00	0.04	10.37	73.05	0.37	4.37	1.00	0.04
10.38	75.88	0.38	4.22	1.00	0.04	10.39	73.13	0.37	4.37	1.00	0.04
10.40	16.73	2.00	0.00	1.00	0.00	10.41	18.07	2.00	0.00	1.00	0.00
10.42	16.03	2.00	0.00	1.00	0.00	10.43	19.73	2.00	0.00	1.00	0.00
10.44	16.98	2.00	0.00	1.00	0.00	10.45	19.79	2.00	0.00	1.00	0.00
10.46	19.62	2.00	0.00	1.00	0.00	10.47	16.06	2.00	0.00	1.00	0.00
10.48	16.77	2.00	0.00	1.00	0.00	10.49	19.50	2.00	0.00	1.00	0.00
10.50	16.89	2.00	0.00	1.00	0.00	10.51	18.71	2.00	0.00	1.00	0.00
10.52	17.66	2.00	0.00	1.00	0.00	10.53	16.75	2.00	0.00	1.00	0.00
10.54	20.12	2.00	0.00	1.00	0.00	10.55	17.90	2.00	0.00	1.00	0.00
10.56	21.29	2.00	0.00	1.00	0.00	10.57	21.00	2.00	0.00	1.00	0.00
10.58	18.86	2.00	0.00	1.00	0.00	10.59	21.09	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
10.60	17.95	2.00	0.00	1.00	0.00	10.61	17.47	2.00	0.00	1.00	0.00
10.62	20.63	2.00	0.00	1.00	0.00	10.63	20.38	2.00	0.00	1.00	0.00
10.64	17.30	2.00	0.00	1.00	0.00	10.65	20.46	2.00	0.00	1.00	0.00
10.66	20.19	2.00	0.00	1.00	0.00	10.67	16.41	2.00	0.00	1.00	0.00
10.68	16.52	2.00	0.00	1.00	0.00	10.69	16.94	2.00	0.00	1.00	0.00
10.70	15.83	2.00	0.00	1.00	0.00	10.71	19.00	2.00	0.00	1.00	0.00
10.72	19.04	2.00	0.00	1.00	0.00	10.73	15.60	2.00	0.00	1.00	0.00
10.74	15.87	2.00	0.00	1.00	0.00	10.75	18.86	2.00	0.00	1.00	0.00
10.76	18.77	2.00	0.00	1.00	0.00	10.77	15.57	2.00	0.00	1.00	0.00
10.78	19.23	2.00	0.00	1.00	0.00	10.79	18.79	2.00	0.00	1.00	0.00
10.80	15.24	2.00	0.00	1.00	0.00	10.81	17.82	2.00	0.00	1.00	0.00
10.82	16.06	2.00	0.00	1.00	0.00	10.83	15.08	2.00	0.00	1.00	0.00
10.84	18.71	2.00	0.00	1.00	0.00	10.85	16.37	2.00	0.00	1.00	0.00
10.86	18.67	2.00	0.00	1.00	0.00	10.87	18.88	2.00	0.00	1.00	0.00
10.88	15.34	2.00	0.00	1.00	0.00	10.89	15.79	2.00	0.00	1.00	0.00
10.90	18.50	2.00	0.00	1.00	0.00	10.91	16.41	2.00	0.00	1.00	0.00
10.92	19.16	2.00	0.00	1.00	0.00	10.93	19.36	2.00	0.00	1.00	0.00
10.94	16.01	2.00	0.00	1.00	0.00	10.95	18.70	2.00	0.00	1.00	0.00
10.96	17.38	2.00	0.00	1.00	0.00	10.97	17.02	2.00	0.00	1.00	0.00
10.98	20.76	2.00	0.00	1.00	0.00	10.99	18.04	2.00	0.00	1.00	0.00
11.00	21.35	2.00	0.00	1.00	0.00	11.01	21.03	2.00	0.00	1.00	0.00
11.02	15.96	2.00	0.00	1.00	0.00	11.03	18.14	2.00	0.00	1.00	0.00
11.04	20.82	2.00	0.00	1.00	0.00	11.05	20.38	2.00	0.00	1.00	0.00
11.06	16.77	2.00	0.00	1.00	0.00	11.07	17.14	2.00	0.00	1.00	0.00
11.08	20.59	2.00	0.00	1.00	0.00	11.09	19.01	2.00	0.00	1.00	0.00
11.10	21.32	2.00	0.00	1.00	0.00	11.11	17.66	2.00	0.00	1.00	0.00
11.12	20.55	2.00	0.00	1.00	0.00	11.13	21.94	2.00	0.00	1.00	0.00
11.14	19.11	2.00	0.00	1.00	0.00	11.15	19.17	2.00	0.00	1.00	0.00
11.16	22.90	2.00	0.00	1.00	0.00	11.17	23.09	2.00	0.00	1.00	0.00
11.18	20.31	2.00	0.00	1.00	0.00	11.19	20.38	2.00	0.00	1.00	0.00
11.20	23.00	2.00	0.00	1.00	0.00	11.21	23.58	2.00	0.00	1.00	0.00
11.22	21.81	2.00	0.00	1.00	0.00	11.23	21.12	2.00	0.00	1.00	0.00
11.24	20.32	2.00	0.00	1.00	0.00	11.25	23.45	2.00	0.00	1.00	0.00
11.26	21.54	2.00	0.00	1.00	0.00	11.27	23.26	2.00	0.00	1.00	0.00
11.28	23.46	2.00	0.00	1.00	0.00	11.29	20.39	2.00	0.00	1.00	0.00
11.30	20.02	2.00	0.00	1.00	0.00	11.31	19.91	2.00	0.00	1.00	0.00
11.32	23.16	2.00	0.00	1.00	0.00	11.33	23.30	2.00	0.00	1.00	0.00
11.34	20.52	2.00	0.00	1.00	0.00	11.35	20.21	2.00	0.00	1.00	0.00
11.36	23.50	2.00	0.00	1.00	0.00	11.37	22.85	2.00	0.00	1.00	0.00
11.38	22.00	2.00	0.00	1.00	0.00	11.39	23.24	2.00	0.00	1.00	0.00
11.40	23.20	2.00	0.00	1.00	0.00	11.41	19.48	2.00	0.00	1.00	0.00
11.42	21.53	2.00	0.00	1.00	0.00	11.43	21.30	2.00	0.00	1.00	0.00
11.44	20.70	2.00	0.00	1.00	0.00	11.45	19.46	2.00	0.00	1.00	0.00
11.46	19.86	2.00	0.00	1.00	0.00	11.47	22.40	2.00	0.00	1.00	0.00
11.48	21.75	2.00	0.00	1.00	0.00	11.49	19.34	2.00	0.00	1.00	0.00
11.50	21.63	2.00	0.00	1.00	0.00	11.51	19.76	2.00	0.00	1.00	0.00
11.52	18.50	2.00	0.00	1.00	0.00	11.53	21.52	2.00	0.00	1.00	0.00
11.54	18.68	2.00	0.00	1.00	0.00	11.55	21.54	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
11.56	21.16	2.00	0.00	1.00	0.00	11.57	17.73	2.00	0.00	1.00	0.00
11.58	18.43	2.00	0.00	1.00	0.00	11.59	20.54	2.00	0.00	1.00	0.00
11.60	19.14	2.00	0.00	1.00	0.00	11.61	17.42	2.00	0.00	1.00	0.00
11.62	18.66	2.00	0.00	1.00	0.00	11.63	17.99	2.00	0.00	1.00	0.00
11.64	16.83	2.00	0.00	1.00	0.00	11.65	19.89	2.00	0.00	1.00	0.00
11.66	19.57	2.00	0.00	1.00	0.00	11.67	17.17	2.00	0.00	1.00	0.00
11.68	19.71	2.00	0.00	1.00	0.00	11.69	16.27	2.00	0.00	1.00	0.00
11.70	15.87	2.00	0.00	1.00	0.00	11.71	18.96	2.00	0.00	1.00	0.00
11.72	18.51	2.00	0.00	1.00	0.00	11.73	15.24	2.00	0.00	1.00	0.00
11.74	14.87	2.00	0.00	1.00	0.00	11.75	17.48	2.00	0.00	1.00	0.00
11.76	17.52	2.00	0.00	1.00	0.00	11.77	14.04	2.00	0.00	1.00	0.00
11.78	16.70	2.00	0.00	1.00	0.00	11.79	16.13	2.00	0.00	1.00	0.00
11.80	12.63	2.00	0.00	1.00	0.00	11.81	14.76	2.00	0.00	1.00	0.00
11.82	13.49	2.00	0.00	1.00	0.00	11.83	12.12	2.00	0.00	1.00	0.00
11.84	11.36	2.00	0.00	1.00	0.00	11.85	14.51	2.00	0.00	1.00	0.00
11.86	13.90	2.00	0.00	1.00	0.00	11.87	10.73	2.00	0.00	1.00	0.00
11.88	10.36	2.00	0.00	1.00	0.00	11.89	13.37	2.00	0.00	1.00	0.00
11.90	13.29	2.00	0.00	1.00	0.00	11.91	10.27	2.00	0.00	1.00	0.00
11.92	9.88	2.00	0.00	1.00	0.00	11.93	13.15	2.00	0.00	1.00	0.00
11.94	12.95	2.00	0.00	1.00	0.00	11.95	10.11	2.00	0.00	1.00	0.00
11.96	12.86	2.00	0.00	1.00	0.00	11.97	9.88	2.00	0.00	1.00	0.00
11.98	9.53	2.00	0.00	1.00	0.00	11.99	12.82	2.00	0.00	1.00	0.00
12.00	13.05	2.00	0.00	1.00	0.00	12.01	11.41	2.00	0.00	1.00	0.00
12.02	14.44	2.00	0.00	1.00	0.00	12.03	16.61	2.00	0.00	1.00	0.00
12.04	17.42	2.00	0.00	1.00	0.00	12.05	16.53	2.00	0.00	1.00	0.00
12.06	18.58	2.00	0.00	1.00	0.00	12.07	17.37	2.00	0.00	1.00	0.00
12.08	14.09	2.00	0.00	1.00	0.00	12.09	13.63	2.00	0.00	1.00	0.00
12.10	17.12	2.00	0.00	1.00	0.00	12.11	16.80	2.00	0.00	1.00	0.00
12.12	13.75	2.00	0.00	1.00	0.00	12.13	16.66	2.00	0.00	1.00	0.00
12.14	13.16	2.00	0.00	1.00	0.00	12.15	13.87	2.00	0.00	1.00	0.00
12.16	14.10	2.00	0.00	1.00	0.00	12.17	12.95	2.00	0.00	1.00	0.00
12.18	15.90	2.00	0.00	1.00	0.00	12.19	15.09	2.00	0.00	1.00	0.00
12.20	11.76	2.00	0.00	1.00	0.00	12.21	15.02	2.00	0.00	1.00	0.00
12.22	14.83	2.00	0.00	1.00	0.00	12.23	11.81	2.00	0.00	1.00	0.00
12.24	11.73	2.00	0.00	1.00	0.00	12.25	15.09	2.00	0.00	1.00	0.00
12.26	14.06	2.00	0.00	1.00	0.00	12.27	16.51	2.00	0.00	1.00	0.00
12.28	17.67	2.00	0.00	1.00	0.00	12.29	16.60	2.00	0.00	1.00	0.00
12.30	19.22	2.00	0.00	1.00	0.00	12.31	16.08	2.00	0.00	1.00	0.00
12.32	16.00	2.00	0.00	1.00	0.00	12.33	18.95	2.00	0.00	1.00	0.00
12.34	19.09	2.00	0.00	1.00	0.00	12.35	15.96	2.00	0.00	1.00	0.00
12.36	17.77	2.00	0.00	1.00	0.00	12.37	18.11	2.00	0.00	1.00	0.00
12.38	16.48	2.00	0.00	1.00	0.00	12.39	18.67	2.00	0.00	1.00	0.00
12.40	18.80	2.00	0.00	1.00	0.00	12.41	15.58	2.00	0.00	1.00	0.00
12.42	19.06	2.00	0.00	1.00	0.00	12.43	16.98	2.00	0.00	1.00	0.00
12.44	17.78	2.00	0.00	1.00	0.00	12.45	21.28	2.00	0.00	1.00	0.00
12.46	20.26	2.00	0.00	1.00	0.00	12.47	19.33	2.00	0.00	1.00	0.00
12.48	20.38	2.00	0.00	1.00	0.00	12.49	80.12	0.42	4.00	1.00	0.04
12.50	81.34	0.42	3.95	1.00	0.04	12.51	79.10	0.41	4.05	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
12.52	80.60	0.42	3.98	1.00	0.04	12.53	84.40	0.44	3.81	1.00	0.04
12.54	83.29	0.43	3.86	1.00	0.04	12.55	88.39	0.45	3.64	1.00	0.03
12.56	86.78	0.45	3.70	1.00	0.04	12.57	89.76	0.46	3.58	1.00	0.03
12.58	89.54	0.46	3.59	1.00	0.04	12.59	86.05	0.44	3.73	1.00	0.04
12.60	86.33	0.45	3.72	1.00	0.04	12.61	87.03	0.45	3.69	1.00	0.04
12.62	85.22	0.44	3.77	1.00	0.04	12.63	83.27	0.43	3.86	1.00	0.04
12.64	85.69	0.44	3.75	1.00	0.04	12.65	81.45	0.42	3.94	1.00	0.04
12.66	79.18	0.42	4.05	1.00	0.04	12.67	78.52	0.41	4.08	1.00	0.04
12.68	74.91	0.40	4.27	1.00	0.04	12.69	72.33	0.39	4.41	1.00	0.04
12.70	73.99	0.40	4.32	1.00	0.05	12.71	70.13	0.38	4.54	1.00	0.05
12.72	72.67	0.39	4.39	1.00	0.04	12.73	68.73	0.38	4.63	1.00	0.04
12.74	73.67	0.40	4.34	1.00	0.05	12.75	73.64	0.40	4.34	1.00	0.04
12.76	76.18	0.40	4.20	1.00	0.04	12.77	82.78	0.43	3.88	1.00	0.04
12.78	81.57	0.43	3.93	1.00	0.04	12.79	82.71	0.43	3.88	1.00	0.04
12.80	78.37	0.41	4.09	1.00	0.04	12.81	63.66	0.36	4.96	1.00	0.05
12.82	61.12	0.35	5.15	1.00	0.05	12.83	60.89	0.35	5.17	1.00	0.05
12.84	66.02	0.37	4.80	1.00	0.05	12.85	64.69	0.37	4.89	1.00	0.05
12.86	67.84	0.38	4.68	1.00	0.04	12.87	65.67	0.37	4.82	1.00	0.05
12.88	64.59	0.37	4.90	1.00	0.05	12.89	66.94	0.37	4.74	1.00	0.04
12.90	64.38	0.37	4.91	1.00	0.05	12.91	64.79	0.37	4.88	1.00	0.05
12.92	52.11	0.33	5.92	1.00	0.06	12.93	54.68	0.34	5.68	1.00	0.06
12.94	54.21	0.34	5.72	1.00	0.06	12.95	53.51	0.33	5.79	1.00	0.06
12.96	54.71	0.34	5.68	1.00	0.05	12.97	54.01	0.33	5.74	1.00	0.06
12.98	51.76	0.33	5.96	1.00	0.06	12.99	53.08	0.33	5.83	1.00	0.06
13.00	56.89	0.34	5.49	1.00	0.05	13.01	59.81	0.35	5.25	1.00	0.06
13.02	75.80	0.40	4.22	1.00	0.04	13.03	80.42	0.42	3.99	1.00	0.04
13.04	85.30	0.44	3.77	1.00	0.04	13.05	87.16	0.45	3.69	1.00	0.04
13.06	83.93	0.44	3.83	1.00	0.04	13.07	84.77	0.44	3.79	1.00	0.04
13.08	80.90	0.43	3.97	1.00	0.04	13.09	79.00	0.42	4.06	1.00	0.04
13.10	22.71	2.00	0.00	1.00	0.00	13.11	20.20	2.00	0.00	1.00	0.00
13.12	18.97	2.00	0.00	1.00	0.00	13.13	17.88	2.00	0.00	1.00	0.00
13.14	16.29	2.00	0.00	1.00	0.00	13.15	19.26	2.00	0.00	1.00	0.00
13.16	16.30	2.00	0.00	1.00	0.00	13.17	15.65	2.00	0.00	1.00	0.00
13.18	15.50	2.00	0.00	1.00	0.00	13.19	17.38	2.00	0.00	1.00	0.00
13.20	18.06	2.00	0.00	1.00	0.00	13.21	17.82	2.00	0.00	1.00	0.00
13.22	17.58	2.00	0.00	1.00	0.00	13.23	14.87	2.00	0.00	1.00	0.00
13.24	15.19	2.00	0.00	1.00	0.00	13.25	15.27	2.00	0.00	1.00	0.00
13.26	15.27	2.00	0.00	1.00	0.00	13.27	17.57	2.00	0.00	1.00	0.00
13.28	17.83	2.00	0.00	1.00	0.00	13.29	14.77	2.00	0.00	1.00	0.00
13.30	14.99	2.00	0.00	1.00	0.00	13.31	18.43	2.00	0.00	1.00	0.00
13.32	18.51	2.00	0.00	1.00	0.00	13.33	18.30	2.00	0.00	1.00	0.00
13.34	18.29	2.00	0.00	1.00	0.00	13.35	15.82	2.00	0.00	1.00	0.00
13.36	16.15	2.00	0.00	1.00	0.00	13.37	15.83	2.00	0.00	1.00	0.00
13.38	16.52	2.00	0.00	1.00	0.00	13.39	18.65	2.00	0.00	1.00	0.00
13.40	16.76	2.00	0.00	1.00	0.00	13.41	18.66	2.00	0.00	1.00	0.00
13.42	18.72	2.00	0.00	1.00	0.00	13.43	15.85	2.00	0.00	1.00	0.00
13.44	15.46	2.00	0.00	1.00	0.00	13.45	17.22	2.00	0.00	1.00	0.00
13.46	16.87	2.00	0.00	1.00	0.00	13.47	17.36	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
13.48	17.40	2.00	0.00	1.00	0.00	13.49	17.25	2.00	0.00	1.00	0.00
13.50	14.42	2.00	0.00	1.00	0.00	13.51	14.00	2.00	0.00	1.00	0.00
13.52	17.09	2.00	0.00	1.00	0.00	13.53	16.91	2.00	0.00	1.00	0.00
13.54	14.21	2.00	0.00	1.00	0.00	13.55	13.98	2.00	0.00	1.00	0.00
13.56	16.73	2.00	0.00	1.00	0.00	13.57	16.33	2.00	0.00	1.00	0.00
13.58	13.21	2.00	0.00	1.00	0.00	13.59	13.59	2.00	0.00	1.00	0.00
13.60	16.56	2.00	0.00	1.00	0.00	13.61	16.57	2.00	0.00	1.00	0.00
13.62	13.41	2.00	0.00	1.00	0.00	13.63	13.77	2.00	0.00	1.00	0.00
13.64	16.49	2.00	0.00	1.00	0.00	13.65	16.55	2.00	0.00	1.00	0.00
13.66	13.59	2.00	0.00	1.00	0.00	13.67	15.16	2.00	0.00	1.00	0.00
13.68	14.21	2.00	0.00	1.00	0.00	13.69	13.46	2.00	0.00	1.00	0.00
13.70	16.33	2.00	0.00	1.00	0.00	13.71	15.40	2.00	0.00	1.00	0.00
13.72	14.72	2.00	0.00	1.00	0.00	13.73	15.37	2.00	0.00	1.00	0.00
13.74	16.30	2.00	0.00	1.00	0.00	13.75	15.86	2.00	0.00	1.00	0.00
13.76	12.75	2.00	0.00	1.00	0.00	13.77	12.52	2.00	0.00	1.00	0.00
13.78	15.40	2.00	0.00	1.00	0.00	13.79	15.15	2.00	0.00	1.00	0.00
13.80	14.74	2.00	0.00	1.00	0.00	13.81	11.58	2.00	0.00	1.00	0.00
13.82	13.20	2.00	0.00	1.00	0.00	13.83	12.66	2.00	0.00	1.00	0.00
13.84	11.52	2.00	0.00	1.00	0.00	13.85	14.23	2.00	0.00	1.00	0.00
13.86	14.16	2.00	0.00	1.00	0.00	13.87	11.12	2.00	0.00	1.00	0.00
13.88	10.89	2.00	0.00	1.00	0.00	13.89	12.92	2.00	0.00	1.00	0.00
13.90	13.38	2.00	0.00	1.00	0.00	13.91	13.06	2.00	0.00	1.00	0.00
13.92	10.09	2.00	0.00	1.00	0.00	13.93	9.67	2.00	0.00	1.00	0.00
13.94	12.69	2.00	0.00	1.00	0.00	13.95	11.04	2.00	0.00	1.00	0.00
13.96	12.43	2.00	0.00	1.00	0.00	13.97	13.07	2.00	0.00	1.00	0.00
13.98	12.84	2.00	0.00	1.00	0.00	13.99	10.06	2.00	0.00	1.00	0.00
14.00	12.86	2.00	0.00	1.00	0.00	14.01	13.47	2.00	0.00	1.00	0.00
14.02	10.72	2.00	0.00	1.00	0.00	14.03	10.73	2.00	0.00	1.00	0.00
14.04	13.43	2.00	0.00	1.00	0.00	14.05	12.32	2.00	0.00	1.00	0.00
14.06	13.02	2.00	0.00	1.00	0.00	14.07	13.06	2.00	0.00	1.00	0.00
14.08	10.09	2.00	0.00	1.00	0.00	14.09	10.17	2.00	0.00	1.00	0.00
14.10	13.05	2.00	0.00	1.00	0.00	14.11	13.17	2.00	0.00	1.00	0.00
14.12	10.07	2.00	0.00	1.00	0.00	14.13	10.02	2.00	0.00	1.00	0.00
14.14	12.58	2.00	0.00	1.00	0.00	14.15	12.42	2.00	0.00	1.00	0.00
14.16	9.75	2.00	0.00	1.00	0.00	14.17	9.85	2.00	0.00	1.00	0.00
14.18	11.44	2.00	0.00	1.00	0.00	14.19	11.30	2.00	0.00	1.00	0.00
14.20	12.07	2.00	0.00	1.00	0.00	14.21	11.31	2.00	0.00	1.00	0.00
14.22	9.15	2.00	0.00	1.00	0.00	14.23	9.85	2.00	0.00	1.00	0.00
14.24	10.51	2.00	0.00	1.00	0.00	14.25	9.84	2.00	0.00	1.00	0.00
14.26	9.88	2.00	0.00	1.00	0.00	14.27	8.25	2.00	0.00	1.00	0.00
14.28	8.09	2.00	0.00	1.00	0.00	14.29	11.43	2.00	0.00	1.00	0.00
14.30	11.29	2.00	0.00	1.00	0.00	14.31	11.57	2.00	0.00	1.00	0.00
14.32	11.08	2.00	0.00	1.00	0.00	14.33	10.05	2.00	0.00	1.00	0.00
14.34	12.15	2.00	0.00	1.00	0.00	14.35	9.63	2.00	0.00	1.00	0.00
14.36	9.40	2.00	0.00	1.00	0.00	14.37	12.31	2.00	0.00	1.00	0.00
14.38	12.20	2.00	0.00	1.00	0.00	14.39	9.61	2.00	0.00	1.00	0.00
14.40	9.58	2.00	0.00	1.00	0.00	14.41	12.51	2.00	0.00	1.00	0.00
14.42	12.31	2.00	0.00	1.00	0.00	14.43	9.18	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
14.44	9.24	2.00	0.00	1.00	0.00	14.45	9.46	2.00	0.00	1.00	0.00
14.46	12.03	2.00	0.00	1.00	0.00	14.47	11.02	2.00	0.00	1.00	0.00
14.48	11.69	2.00	0.00	1.00	0.00	14.49	11.99	2.00	0.00	1.00	0.00
14.50	8.98	2.00	0.00	1.00	0.00	14.51	9.13	2.00	0.00	1.00	0.00
14.52	11.78	2.00	0.00	1.00	0.00	14.53	11.93	2.00	0.00	1.00	0.00
14.54	9.42	2.00	0.00	1.00	0.00	14.55	9.14	2.00	0.00	1.00	0.00
14.56	11.96	2.00	0.00	1.00	0.00	14.57	12.00	2.00	0.00	1.00	0.00
14.58	9.30	2.00	0.00	1.00	0.00	14.59	8.97	2.00	0.00	1.00	0.00
14.60	9.46	2.00	0.00	1.00	0.00	14.61	12.43	2.00	0.00	1.00	0.00
14.62	10.41	2.00	0.00	1.00	0.00	14.63	13.36	2.00	0.00	1.00	0.00
14.64	13.63	2.00	0.00	1.00	0.00	14.65	10.86	2.00	0.00	1.00	0.00
14.66	11.41	2.00	0.00	1.00	0.00	14.67	14.42	2.00	0.00	1.00	0.00
14.68	13.07	2.00	0.00	1.00	0.00	14.69	11.88	2.00	0.00	1.00	0.00
14.70	11.57	2.00	0.00	1.00	0.00	14.71	13.57	2.00	0.00	1.00	0.00
14.72	13.65	2.00	0.00	1.00	0.00	14.73	11.14	2.00	0.00	1.00	0.00
14.74	11.14	2.00	0.00	1.00	0.00	14.75	14.20	2.00	0.00	1.00	0.00
14.76	14.24	2.00	0.00	1.00	0.00	14.77	11.58	2.00	0.00	1.00	0.00
14.78	11.51	2.00	0.00	1.00	0.00	14.79	14.52	2.00	0.00	1.00	0.00
14.80	14.71	2.00	0.00	1.00	0.00	14.81	12.10	2.00	0.00	1.00	0.00
14.82	12.24	2.00	0.00	1.00	0.00	14.83	11.38	2.00	0.00	1.00	0.00
14.84	11.03	2.00	0.00	1.00	0.00	14.85	10.85	2.00	0.00	1.00	0.00
14.86	13.94	2.00	0.00	1.00	0.00	14.87	13.66	2.00	0.00	1.00	0.00
14.88	11.20	2.00	0.00	1.00	0.00	14.89	10.88	2.00	0.00	1.00	0.00
14.90	13.75	2.00	0.00	1.00	0.00	14.91	13.57	2.00	0.00	1.00	0.00
14.92	11.38	2.00	0.00	1.00	0.00	14.93	13.26	2.00	0.00	1.00	0.00
14.94	11.07	2.00	0.00	1.00	0.00	14.95	11.99	2.00	0.00	1.00	0.00
14.96	13.46	2.00	0.00	1.00	0.00	14.97	11.95	2.00	0.00	1.00	0.00
14.98	13.83	2.00	0.00	1.00	0.00	14.99	11.24	2.00	0.00	1.00	0.00
15.00	11.64	2.00	0.00	1.00	0.00	15.01	11.72	2.00	0.00	1.00	0.00
15.02	14.43	2.00	0.00	1.00	0.00	15.03	11.56	2.00	0.00	1.00	0.00
15.04	11.94	2.00	0.00	1.00	0.00	15.05	15.23	2.00	0.00	1.00	0.00
15.06	15.35	2.00	0.00	1.00	0.00	15.07	13.15	2.00	0.00	1.00	0.00
15.08	12.88	2.00	0.00	1.00	0.00	15.09	15.78	2.00	0.00	1.00	0.00
15.10	16.09	2.00	0.00	1.00	0.00	15.11	13.63	2.00	0.00	1.00	0.00
15.12	14.08	2.00	0.00	1.00	0.00	15.13	14.35	2.00	0.00	1.00	0.00
15.14	15.36	2.00	0.00	1.00	0.00	15.15	16.02	2.00	0.00	1.00	0.00
15.16	15.82	2.00	0.00	1.00	0.00	15.17	12.47	2.00	0.00	1.00	0.00
15.18	12.21	2.00	0.00	1.00	0.00	15.19	14.65	2.00	0.00	1.00	0.00
15.20	13.25	2.00	0.00	1.00	0.00	15.21	13.73	2.00	0.00	1.00	0.00
15.22	14.64	2.00	0.00	1.00	0.00	15.23	13.57	2.00	0.00	1.00	0.00
15.24	14.26	2.00	0.00	1.00	0.00	15.25	14.72	2.00	0.00	1.00	0.00
15.26	12.66	2.00	0.00	1.00	0.00	15.27	12.74	2.00	0.00	1.00	0.00
15.28	15.81	2.00	0.00	1.00	0.00	15.29	15.74	2.00	0.00	1.00	0.00
15.30	12.96	2.00	0.00	1.00	0.00	15.31	12.77	2.00	0.00	1.00	0.00
15.32	15.68	2.00	0.00	1.00	0.00	15.33	15.78	2.00	0.00	1.00	0.00
15.34	13.57	2.00	0.00	1.00	0.00	15.35	14.26	2.00	0.00	1.00	0.00
15.36	18.65	2.00	0.00	1.00	0.00	15.37	20.55	2.00	0.00	1.00	0.00
15.38	19.52	2.00	0.00	1.00	0.00	15.39	77.86	0.44	4.11	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
15.40	78.83	0.44	4.07	1.00	0.04	15.41	82.69	0.46	3.88	1.00	0.04
15.42	82.95	0.46	3.87	1.00	0.04	15.43	81.22	0.45	3.95	1.00	0.04
15.44	82.01	0.46	3.91	1.00	0.04	15.45	85.03	0.47	3.78	1.00	0.04
15.46	86.22	0.47	3.73	1.00	0.04	15.47	84.31	0.47	3.81	1.00	0.04
15.48	85.10	0.47	3.78	1.00	0.04	15.49	84.98	0.47	3.78	1.00	0.04
15.50	88.11	0.48	3.65	1.00	0.03	15.51	87.70	0.48	3.67	1.00	0.04
15.52	82.99	0.46	3.87	1.00	0.04	15.53	79.65	0.45	4.03	1.00	0.04
15.54	22.12	2.00	0.00	1.00	0.00	15.55	19.46	2.00	0.00	1.00	0.00
15.56	16.37	2.00	0.00	1.00	0.00	15.57	16.05	2.00	0.00	1.00	0.00
15.58	12.36	2.00	0.00	1.00	0.00	15.59	12.35	2.00	0.00	1.00	0.00
15.60	13.98	2.00	0.00	1.00	0.00	15.61	12.05	2.00	0.00	1.00	0.00
15.62	14.54	2.00	0.00	1.00	0.00	15.63	14.38	2.00	0.00	1.00	0.00
15.64	14.48	2.00	0.00	1.00	0.00	15.65	12.33	2.00	0.00	1.00	0.00
15.66	13.63	2.00	0.00	1.00	0.00	15.67	11.90	2.00	0.00	1.00	0.00
15.68	12.10	2.00	0.00	1.00	0.00	15.69	15.00	2.00	0.00	1.00	0.00
15.70	14.84	2.00	0.00	1.00	0.00	15.71	12.73	2.00	0.00	1.00	0.00
15.72	12.33	2.00	0.00	1.00	0.00	15.73	13.47	2.00	0.00	1.00	0.00
15.74	14.20	2.00	0.00	1.00	0.00	15.75	12.28	2.00	0.00	1.00	0.00
15.76	12.52	2.00	0.00	1.00	0.00	15.77	12.79	2.00	0.00	1.00	0.00
15.78	10.77	2.00	0.00	1.00	0.00	15.79	11.12	2.00	0.00	1.00	0.00
15.80	11.71	2.00	0.00	1.00	0.00	15.81	11.00	2.00	0.00	1.00	0.00
15.82	13.89	2.00	0.00	1.00	0.00	15.83	11.58	2.00	0.00	1.00	0.00
15.84	14.00	2.00	0.00	1.00	0.00	15.85	14.04	2.00	0.00	1.00	0.00
15.86	13.88	2.00	0.00	1.00	0.00	15.87	13.17	2.00	0.00	1.00	0.00
15.88	13.61	2.00	0.00	1.00	0.00	15.89	10.97	2.00	0.00	1.00	0.00
15.90	11.73	2.00	0.00	1.00	0.00	15.91	10.49	2.00	0.00	1.00	0.00
15.92	11.10	2.00	0.00	1.00	0.00	15.93	11.02	2.00	0.00	1.00	0.00
15.94	10.95	2.00	0.00	1.00	0.00	15.95	12.80	2.00	0.00	1.00	0.00
15.96	10.82	2.00	0.00	1.00	0.00	15.97	11.06	2.00	0.00	1.00	0.00
15.98	11.72	2.00	0.00	1.00	0.00	15.99	10.93	2.00	0.00	1.00	0.00
16.00	13.81	2.00	0.00	1.00	0.00	16.01	13.87	2.00	0.00	1.00	0.00
16.02	14.05	2.00	0.00	1.00	0.00	16.03	10.99	2.00	0.00	1.00	0.00
16.04	13.94	2.00	0.00	1.00	0.00	16.05	14.51	2.00	0.00	1.00	0.00
16.06	14.65	2.00	0.00	1.00	0.00	16.07	12.01	2.00	0.00	1.00	0.00
16.08	11.90	2.00	0.00	1.00	0.00	16.09	14.68	2.00	0.00	1.00	0.00
16.10	13.19	2.00	0.00	1.00	0.00	16.11	12.22	2.00	0.00	1.00	0.00
16.12	14.45	2.00	0.00	1.00	0.00	16.13	14.28	2.00	0.00	1.00	0.00
16.14	11.63	2.00	0.00	1.00	0.00	16.15	11.03	2.00	0.00	1.00	0.00
16.16	13.22	2.00	0.00	1.00	0.00	16.17	13.26	2.00	0.00	1.00	0.00
16.18	11.06	2.00	0.00	1.00	0.00	16.19	10.79	2.00	0.00	1.00	0.00
16.20	13.61	2.00	0.00	1.00	0.00	16.21	13.61	2.00	0.00	1.00	0.00
16.22	11.47	2.00	0.00	1.00	0.00	16.23	13.27	2.00	0.00	1.00	0.00
16.24	12.42	2.00	0.00	1.00	0.00	16.25	11.87	2.00	0.00	1.00	0.00
16.26	12.29	2.00	0.00	1.00	0.00	16.27	12.18	2.00	0.00	1.00	0.00
16.28	13.84	2.00	0.00	1.00	0.00	16.29	14.20	2.00	0.00	1.00	0.00
16.30	14.36	2.00	0.00	1.00	0.00	16.31	11.74	2.00	0.00	1.00	0.00
16.32	14.39	2.00	0.00	1.00	0.00	16.33	14.16	2.00	0.00	1.00	0.00
16.34	13.34	2.00	0.00	1.00	0.00	16.35	13.88	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
16.36	14.20	2.00	0.00	1.00	0.00	16.37	11.39	2.00	0.00	1.00	0.00
16.38	11.36	2.00	0.00	1.00	0.00	16.39	14.47	2.00	0.00	1.00	0.00
16.40	14.75	2.00	0.00	1.00	0.00	16.41	12.47	2.00	0.00	1.00	0.00
16.42	12.16	2.00	0.00	1.00	0.00	16.43	13.62	2.00	0.00	1.00	0.00
16.44	12.74	2.00	0.00	1.00	0.00	16.45	13.53	2.00	0.00	1.00	0.00
16.46	13.52	2.00	0.00	1.00	0.00	16.47	12.50	2.00	0.00	1.00	0.00
16.48	14.98	2.00	0.00	1.00	0.00	16.49	16.25	2.00	0.00	1.00	0.00
16.50	16.14	2.00	0.00	1.00	0.00	16.51	19.28	2.00	0.00	1.00	0.00
16.52	77.70	0.45	4.12	1.00	0.04	16.53	79.75	0.46	4.02	1.00	0.04
16.54	78.72	0.45	4.07	1.00	0.04	16.55	79.76	0.46	4.02	1.00	0.04
16.56	82.73	0.47	3.88	1.00	0.04	16.57	83.36	0.47	3.85	1.00	0.04
16.58	84.58	0.48	3.80	1.00	0.04	16.59	82.49	0.47	3.89	1.00	0.04
16.60	81.36	0.47	3.94	1.00	0.04	16.61	82.62	0.47	3.89	1.00	0.04
16.62	80.00	0.46	4.01	1.00	0.04	16.63	18.82	2.00	0.00	1.00	0.00
16.64	16.89	2.00	0.00	1.00	0.00	16.65	15.45	2.00	0.00	1.00	0.00
16.66	14.98	2.00	0.00	1.00	0.00	16.67	13.06	2.00	0.00	1.00	0.00
16.68	14.83	2.00	0.00	1.00	0.00	16.69	14.74	2.00	0.00	1.00	0.00
16.70	14.48	2.00	0.00	1.00	0.00	16.71	14.47	2.00	0.00	1.00	0.00
16.72	12.15	2.00	0.00	1.00	0.00	16.73	12.19	2.00	0.00	1.00	0.00
16.74	14.44	2.00	0.00	1.00	0.00	16.75	14.27	2.00	0.00	1.00	0.00
16.76	11.65	2.00	0.00	1.00	0.00	16.77	11.69	2.00	0.00	1.00	0.00
16.78	12.61	2.00	0.00	1.00	0.00	16.79	11.40	2.00	0.00	1.00	0.00
16.80	11.49	2.00	0.00	1.00	0.00	16.81	13.66	2.00	0.00	1.00	0.00
16.82	11.66	2.00	0.00	1.00	0.00	16.83	14.21	2.00	0.00	1.00	0.00
16.84	13.99	2.00	0.00	1.00	0.00	16.85	13.60	2.00	0.00	1.00	0.00
16.86	13.84	2.00	0.00	1.00	0.00	16.87	13.81	2.00	0.00	1.00	0.00
16.88	11.10	2.00	0.00	1.00	0.00	16.89	11.30	2.00	0.00	1.00	0.00
16.90	13.76	2.00	0.00	1.00	0.00	16.91	13.63	2.00	0.00	1.00	0.00
16.92	14.14	2.00	0.00	1.00	0.00	16.93	14.36	2.00	0.00	1.00	0.00
16.94	14.23	2.00	0.00	1.00	0.00	16.95	14.57	2.00	0.00	1.00	0.00
16.96	13.70	2.00	0.00	1.00	0.00	16.97	14.62	2.00	0.00	1.00	0.00
16.98	14.71	2.00	0.00	1.00	0.00	16.99	14.79	2.00	0.00	1.00	0.00
17.00	15.16	2.00	0.00	1.00	0.00	17.01	15.70	2.00	0.00	1.00	0.00
17.02	13.76	2.00	0.00	1.00	0.00	17.03	14.27	2.00	0.00	1.00	0.00
17.04	16.64	2.00	0.00	1.00	0.00	17.05	16.91	2.00	0.00	1.00	0.00
17.06	14.85	2.00	0.00	1.00	0.00	17.07	16.67	2.00	0.00	1.00	0.00
17.08	13.55	2.00	0.00	1.00	0.00	17.09	13.80	2.00	0.00	1.00	0.00
17.10	15.71	2.00	0.00	1.00	0.00	17.11	14.89	2.00	0.00	1.00	0.00
17.12	13.41	2.00	0.00	1.00	0.00	17.13	13.47	2.00	0.00	1.00	0.00
17.14	16.43	2.00	0.00	1.00	0.00	17.15	17.73	2.00	0.00	1.00	0.00
17.16	20.28	2.00	0.00	1.00	0.00	17.17	21.23	2.00	0.00	1.00	0.00
17.18	82.61	0.48	3.89	1.00	0.04	17.19	88.46	0.51	3.63	1.00	0.03
17.20	90.66	0.52	3.55	1.00	0.04	17.21	88.00	0.50	3.65	1.00	0.03
17.22	89.73	0.51	3.58	1.00	0.04	17.23	88.84	0.51	3.62	1.00	0.03
17.24	87.45	0.50	3.68	1.00	0.04	17.25	90.18	0.52	3.57	1.00	0.03
17.26	89.94	0.52	3.57	1.00	0.04	17.27	91.39	0.52	3.52	1.00	0.04
17.28	88.49	0.51	3.63	1.00	0.03	17.29	86.28	0.50	3.72	1.00	0.04
17.30	86.94	0.50	3.70	1.00	0.04	17.31	84.53	0.49	3.80	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
17.32	81.36	0.47	3.94	1.00	0.04	17.33	82.07	0.48	3.91	1.00	0.04
17.34	77.43	0.46	4.14	1.00	0.04	17.35	74.90	0.45	4.27	1.00	0.04
17.36	18.67	2.00	0.00	1.00	0.00	17.37	17.02	2.00	0.00	1.00	0.00
17.38	13.17	2.00	0.00	1.00	0.00	17.39	12.30	2.00	0.00	1.00	0.00
17.40	13.77	2.00	0.00	1.00	0.00	17.41	12.68	2.00	0.00	1.00	0.00
17.42	12.48	2.00	0.00	1.00	0.00	17.43	13.48	2.00	0.00	1.00	0.00
17.44	12.59	2.00	0.00	1.00	0.00	17.45	12.45	2.00	0.00	1.00	0.00
17.46	13.65	2.00	0.00	1.00	0.00	17.47	11.20	2.00	0.00	1.00	0.00
17.48	11.00	2.00	0.00	1.00	0.00	17.49	13.24	2.00	0.00	1.00	0.00
17.50	13.12	2.00	0.00	1.00	0.00	17.51	12.11	2.00	0.00	1.00	0.00
17.52	12.68	2.00	0.00	1.00	0.00	17.53	12.83	2.00	0.00	1.00	0.00
17.54	10.47	2.00	0.00	1.00	0.00	17.55	10.33	2.00	0.00	1.00	0.00
17.56	12.66	2.00	0.00	1.00	0.00	17.57	12.62	2.00	0.00	1.00	0.00
17.58	10.30	2.00	0.00	1.00	0.00	17.59	9.83	2.00	0.00	1.00	0.00
17.60	12.45	2.00	0.00	1.00	0.00	17.61	12.45	2.00	0.00	1.00	0.00
17.62	12.42	2.00	0.00	1.00	0.00	17.63	11.55	2.00	0.00	1.00	0.00
17.64	12.27	2.00	0.00	1.00	0.00	17.65	9.89	2.00	0.00	1.00	0.00
17.66	10.35	2.00	0.00	1.00	0.00	17.67	11.15	2.00	0.00	1.00	0.00
17.68	10.25	2.00	0.00	1.00	0.00	17.69	10.65	2.00	0.00	1.00	0.00
17.70	11.35	2.00	0.00	1.00	0.00	17.71	11.29	2.00	0.00	1.00	0.00
17.72	14.12	2.00	0.00	1.00	0.00	17.73	14.42	2.00	0.00	1.00	0.00
17.74	12.70	2.00	0.00	1.00	0.00	17.75	14.01	2.00	0.00	1.00	0.00
17.76	11.56	2.00	0.00	1.00	0.00	17.77	11.85	2.00	0.00	1.00	0.00
17.78	11.83	2.00	0.00	1.00	0.00	17.79	11.30	2.00	0.00	1.00	0.00
17.80	11.00	2.00	0.00	1.00	0.00	17.81	12.63	2.00	0.00	1.00	0.00
17.82	10.98	2.00	0.00	1.00	0.00	17.83	13.40	2.00	0.00	1.00	0.00
17.84	13.42	2.00	0.00	1.00	0.00	17.85	13.55	2.00	0.00	1.00	0.00
17.86	11.68	2.00	0.00	1.00	0.00	17.87	12.32	2.00	0.00	1.00	0.00
17.88	12.62	2.00	0.00	1.00	0.00	17.89	12.73	2.00	0.00	1.00	0.00
17.90	15.78	2.00	0.00	1.00	0.00	17.91	16.41	2.00	0.00	1.00	0.00
17.92	14.96	2.00	0.00	1.00	0.00	17.93	17.47	2.00	0.00	1.00	0.00
17.94	17.56	2.00	0.00	1.00	0.00	17.95	16.62	2.00	0.00	1.00	0.00
17.96	16.74	2.00	0.00	1.00	0.00	17.97	14.17	2.00	0.00	1.00	0.00
17.98	13.96	2.00	0.00	1.00	0.00	17.99	13.95	2.00	0.00	1.00	0.00
18.00	16.23	2.00	0.00	1.00	0.00	18.01	16.85	2.00	0.00	1.00	0.00
18.02	17.06	2.00	0.00	1.00	0.00	18.03	15.15	2.00	0.00	1.00	0.00
18.04	16.18	2.00	0.00	1.00	0.00	18.05	14.79	2.00	0.00	1.00	0.00
18.06	15.76	2.00	0.00	1.00	0.00	18.07	15.89	2.00	0.00	1.00	0.00
18.08	13.79	2.00	0.00	1.00	0.00	18.09	16.87	2.00	0.00	1.00	0.00
18.10	15.15	2.00	0.00	1.00	0.00	18.11	15.75	2.00	0.00	1.00	0.00
18.12	16.82	2.00	0.00	1.00	0.00	18.13	20.07	2.00	0.00	1.00	0.00
18.14	20.68	2.00	0.00	1.00	0.00	18.15	19.70	2.00	0.00	1.00	0.00
18.16	19.19	2.00	0.00	1.00	0.00	18.17	19.42	2.00	0.00	1.00	0.00
18.18	18.60	2.00	0.00	1.00	0.00	18.19	20.57	2.00	0.00	1.00	0.00
18.20	20.51	2.00	0.00	1.00	0.00	18.21	18.55	2.00	0.00	1.00	0.00
18.22	19.86	2.00	0.00	1.00	0.00	18.23	19.97	2.00	0.00	1.00	0.00
18.24	20.53	2.00	0.00	1.00	0.00	18.25	20.34	2.00	0.00	1.00	0.00
18.26	17.74	2.00	0.00	1.00	0.00	18.27	17.48	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.28	19.53	2.00	0.00	1.00	0.00	18.29	19.36	2.00	0.00	1.00	0.00
18.30	19.27	2.00	0.00	1.00	0.00	18.31	17.37	2.00	0.00	1.00	0.00
18.32	16.63	2.00	0.00	1.00	0.00	18.33	18.67	2.00	0.00	1.00	0.00
18.34	18.14	2.00	0.00	1.00	0.00	18.35	15.55	2.00	0.00	1.00	0.00
18.36	15.18	2.00	0.00	1.00	0.00	18.37	17.00	2.00	0.00	1.00	0.00
18.38	15.44	2.00	0.00	1.00	0.00	18.39	14.89	2.00	0.00	1.00	0.00
18.40	17.50	2.00	0.00	1.00	0.00	18.41	17.69	2.00	0.00	1.00	0.00
18.42	16.12	2.00	0.00	1.00	0.00	18.43	16.12	2.00	0.00	1.00	0.00
18.44	14.79	2.00	0.00	1.00	0.00	18.45	14.34	2.00	0.00	1.00	0.00
18.46	14.14	2.00	0.00	1.00	0.00	18.47	16.31	2.00	0.00	1.00	0.00
18.48	15.93	2.00	0.00	1.00	0.00	18.49	13.56	2.00	0.00	1.00	0.00
18.50	13.55	2.00	0.00	1.00	0.00	18.51	12.86	2.00	0.00	1.00	0.00
18.52	12.44	2.00	0.00	1.00	0.00	18.53	15.24	2.00	0.00	1.00	0.00
18.54	14.41	2.00	0.00	1.00	0.00	18.55	13.53	2.00	0.00	1.00	0.00
18.56	15.91	2.00	0.00	1.00	0.00	18.57	15.92	2.00	0.00	1.00	0.00
18.58	14.22	2.00	0.00	1.00	0.00	18.59	14.44	2.00	0.00	1.00	0.00
18.60	14.59	2.00	0.00	1.00	0.00	18.61	14.45	2.00	0.00	1.00	0.00
18.62	14.63	2.00	0.00	1.00	0.00	18.63	17.66	2.00	0.00	1.00	0.00
18.64	18.03	2.00	0.00	1.00	0.00	18.65	16.59	2.00	0.00	1.00	0.00
18.66	18.57	2.00	0.00	1.00	0.00	18.67	17.65	2.00	0.00	1.00	0.00
18.68	18.94	2.00	0.00	1.00	0.00	18.69	18.84	2.00	0.00	1.00	0.00
18.70	18.55	2.00	0.00	1.00	0.00	18.71	18.20	2.00	0.00	1.00	0.00
18.72	18.01	2.00	0.00	1.00	0.00	18.73	15.49	2.00	0.00	1.00	0.00
18.74	15.15	2.00	0.00	1.00	0.00	18.75	17.10	2.00	0.00	1.00	0.00
18.76	16.18	2.00	0.00	1.00	0.00	18.77	16.19	2.00	0.00	1.00	0.00
18.78	16.13	2.00	0.00	1.00	0.00	18.79	14.82	2.00	0.00	1.00	0.00
18.80	16.40	2.00	0.00	1.00	0.00	18.81	18.64	2.00	0.00	1.00	0.00
18.82	16.71	2.00	0.00	1.00	0.00	18.83	17.03	2.00	0.00	1.00	0.00
18.84	19.40	2.00	0.00	1.00	0.00	18.85	19.10	2.00	0.00	1.00	0.00
18.86	18.24	2.00	0.00	1.00	0.00	18.87	15.72	2.00	0.00	1.00	0.00
18.88	15.58	2.00	0.00	1.00	0.00	18.89	14.80	2.00	0.00	1.00	0.00
18.90	15.21	2.00	0.00	1.00	0.00	18.91	16.38	2.00	0.00	1.00	0.00
18.92	15.94	2.00	0.00	1.00	0.00	18.93	15.95	2.00	0.00	1.00	0.00
18.94	18.71	2.00	0.00	1.00	0.00	18.95	18.74	2.00	0.00	1.00	0.00
18.96	19.02	2.00	0.00	1.00	0.00	18.97	16.72	2.00	0.00	1.00	0.00
18.98	16.40	2.00	0.00	1.00	0.00	18.99	16.64	2.00	0.00	1.00	0.00
19.00	18.75	2.00	0.00	1.00	0.00	19.01	18.55	2.00	0.00	1.00	0.00
19.02	18.30	2.00	0.00	1.00	0.00	19.03	14.58	2.00	0.00	1.00	0.00
19.04	15.31	2.00	0.00	1.00	0.00	19.05	17.49	2.00	0.00	1.00	0.00
19.06	17.54	2.00	0.00	1.00	0.00	19.07	16.87	2.00	0.00	1.00	0.00
19.08	17.19	2.00	0.00	1.00	0.00	19.09	14.94	2.00	0.00	1.00	0.00
19.10	17.23	2.00	0.00	1.00	0.00	19.11	16.92	2.00	0.00	1.00	0.00
19.12	14.40	2.00	0.00	1.00	0.00	19.13	15.37	2.00	0.00	1.00	0.00
19.14	16.74	2.00	0.00	1.00	0.00	19.15	16.77	2.00	0.00	1.00	0.00
19.16	16.78	2.00	0.00	1.00	0.00	19.17	14.58	2.00	0.00	1.00	0.00
19.18	14.82	2.00	0.00	1.00	0.00	19.19	16.88	2.00	0.00	1.00	0.00
19.20	15.60	2.00	0.00	1.00	0.00	19.21	17.09	2.00	0.00	1.00	0.00
19.22	17.05	2.00	0.00	1.00	0.00	19.23	16.18	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
19.24	17.24	2.00	0.00	1.00	0.00	19.25	17.48	2.00	0.00	1.00	0.00
19.26	15.45	2.00	0.00	1.00	0.00	19.27	15.97	2.00	0.00	1.00	0.00
19.28	16.13	2.00	0.00	1.00	0.00	19.29	16.35	2.00	0.00	1.00	0.00
19.30	17.45	2.00	0.00	1.00	0.00	19.31	18.42	2.00	0.00	1.00	0.00
19.32	17.55	2.00	0.00	1.00	0.00	19.33	17.08	2.00	0.00	1.00	0.00
19.34	19.17	2.00	0.00	1.00	0.00	19.35	19.70	2.00	0.00	1.00	0.00
19.36	17.67	2.00	0.00	1.00	0.00	19.37	19.15	2.00	0.00	1.00	0.00
19.38	20.19	2.00	0.00	1.00	0.00	19.39	19.80	2.00	0.00	1.00	0.00
19.40	19.98	2.00	0.00	1.00	0.00	19.41	22.17	2.00	0.00	1.00	0.00
19.42	22.10	2.00	0.00	1.00	0.00	19.43	19.81	2.00	0.00	1.00	0.00
19.44	18.88	2.00	0.00	1.00	0.00	19.45	18.06	2.00	0.00	1.00	0.00
19.46	19.93	2.00	0.00	1.00	0.00	19.47	19.29	2.00	0.00	1.00	0.00
19.48	16.52	2.00	0.00	1.00	0.00	19.49	17.11	2.00	0.00	1.00	0.00
19.50	17.96	2.00	0.00	1.00	0.00	19.51	14.93	2.00	0.00	1.00	0.00
19.52	14.77	2.00	0.00	1.00	0.00	19.53	16.72	2.00	0.00	1.00	0.00
19.54	16.43	2.00	0.00	1.00	0.00	19.55	15.65	2.00	0.00	1.00	0.00
19.56	13.59	2.00	0.00	1.00	0.00	19.57	13.51	2.00	0.00	1.00	0.00
19.58	15.21	2.00	0.00	1.00	0.00	19.59	15.02	2.00	0.00	1.00	0.00
19.60	14.97	2.00	0.00	1.00	0.00	19.61	13.55	2.00	0.00	1.00	0.00
19.62	14.73	2.00	0.00	1.00	0.00	19.63	12.12	2.00	0.00	1.00	0.00
19.64	11.84	2.00	0.00	1.00	0.00	19.65	12.35	2.00	0.00	1.00	0.00
19.66	13.97	2.00	0.00	1.00	0.00	19.67	13.78	2.00	0.00	1.00	0.00
19.68	11.19	2.00	0.00	1.00	0.00	19.69	11.20	2.00	0.00	1.00	0.00
19.70	11.00	2.00	0.00	1.00	0.00	19.71	13.43	2.00	0.00	1.00	0.00
19.72	13.46	2.00	0.00	1.00	0.00	19.73	12.47	2.00	0.00	1.00	0.00
19.74	13.53	2.00	0.00	1.00	0.00	19.75	13.56	2.00	0.00	1.00	0.00
19.76	11.84	2.00	0.00	1.00	0.00	19.77	13.61	2.00	0.00	1.00	0.00
19.78	11.79	2.00	0.00	1.00	0.00	19.79	11.61	2.00	0.00	1.00	0.00
19.80	14.42	2.00	0.00	1.00	0.00	19.81	15.14	2.00	0.00	1.00	0.00
19.82	15.89	2.00	0.00	1.00	0.00	19.83	16.91	2.00	0.00	1.00	0.00
19.84	16.41	2.00	0.00	1.00	0.00	19.85	15.78	2.00	0.00	1.00	0.00
19.86	18.00	2.00	0.00	1.00	0.00	19.87	18.48	2.00	0.00	1.00	0.00
19.88	19.05	2.00	0.00	1.00	0.00	19.89	18.57	2.00	0.00	1.00	0.00
19.90	19.41	2.00	0.00	1.00	0.00	19.91	17.06	2.00	0.00	1.00	0.00
19.92	17.09	2.00	0.00	1.00	0.00	19.93	16.94	2.00	0.00	1.00	0.00
19.94	19.58	2.00	0.00	1.00	0.00	19.95	19.78	2.00	0.00	1.00	0.00
19.96	17.36	2.00	0.00	1.00	0.00	19.97	17.93	2.00	0.00	1.00	0.00
19.98	19.54	2.00	0.00	1.00	0.00	19.99	18.30	2.00	0.00	1.00	0.00
20.00	18.02	2.00	0.00	1.00	0.00	20.01	18.40	2.00	0.00	1.00	0.00
20.02	21.01	2.00	0.00	1.00	0.00	20.03	18.45	2.00	0.00	1.00	0.00
20.04	12.53	2.00	0.00	1.00	0.00	20.05	19.27	2.00	0.00	1.00	0.00
20.06	19.09	2.00	0.00	1.00	0.00	20.07	19.02	2.00	0.00	1.00	0.00
20.08	19.12	2.00	0.00	1.00	0.00	20.09	21.66	2.00	0.00	1.00	0.00
20.10	19.65	2.00	0.00	1.00	0.00	20.11	21.94	2.00	0.00	1.00	0.00
20.12	21.59	2.00	0.00	1.00	0.00	20.13	21.06	2.00	0.00	1.00	0.00
20.14	20.35	2.00	0.00	1.00	0.00	20.15	20.84	2.00	0.00	1.00	0.00
20.16	21.06	2.00	0.00	1.00	0.00	20.17	21.67	2.00	0.00	1.00	0.00
20.18	21.71	2.00	0.00	1.00	0.00	20.19	19.84	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
20.20	19.99	2.00	0.00	1.00	0.00	20.21	20.18	2.00	0.00	1.00	0.00
20.22	22.15	2.00	0.00	1.00	0.00	20.23	22.81	2.00	0.00	1.00	0.00
20.24	20.41	2.00	0.00	1.00	0.00	20.25	21.10	2.00	0.00	1.00	0.00
20.26	23.41	2.00	0.00	1.00	0.00	20.27	21.29	2.00	0.00	1.00	0.00
20.28	21.33	2.00	0.00	1.00	0.00	20.29	24.01	2.00	0.00	1.00	0.00
20.30	24.03	2.00	0.00	1.00	0.00	20.31	24.14	2.00	0.00	1.00	0.00
20.32	21.76	2.00	0.00	1.00	0.00	20.33	22.10	2.00	0.00	1.00	0.00
20.34	23.94	2.00	0.00	1.00	0.00	20.35	22.38	2.00	0.00	1.00	0.00
20.36	22.23	2.00	0.00	1.00	0.00	20.37	24.78	2.00	0.00	1.00	0.00
20.38	22.53	2.00	0.00	1.00	0.00	20.39	22.19	2.00	0.00	1.00	0.00
20.40	24.59	2.00	0.00	1.00	0.00	20.41	24.41	2.00	0.00	1.00	0.00
20.42	24.45	2.00	0.00	1.00	0.00	20.43	22.02	2.00	0.00	1.00	0.00
20.44	21.98	2.00	0.00	1.00	0.00	20.45	22.02	2.00	0.00	1.00	0.00
20.46	24.47	2.00	0.00	1.00	0.00	20.47	24.29	2.00	0.00	1.00	0.00
20.48	23.99	2.00	0.00	1.00	0.00	20.49	21.66	2.00	0.00	1.00	0.00
20.50	23.65	2.00	0.00	1.00	0.00	20.51	21.76	2.00	0.00	1.00	0.00
20.52	21.19	2.00	0.00	1.00	0.00	20.53	20.84	2.00	0.00	1.00	0.00
20.54	20.92	2.00	0.00	1.00	0.00	20.55	19.98	2.00	0.00	1.00	0.00
20.56	19.45	2.00	0.00	1.00	0.00	20.57	21.28	2.00	0.00	1.00	0.00
20.58	21.11	2.00	0.00	1.00	0.00	20.59	18.74	2.00	0.00	1.00	0.00
20.60	18.68	2.00	0.00	1.00	0.00	20.61	20.36	2.00	0.00	1.00	0.00
20.62	21.54	2.00	0.00	1.00	0.00	20.63	19.13	2.00	0.00	1.00	0.00
20.64	19.83	2.00	0.00	1.00	0.00	20.65	21.81	2.00	0.00	1.00	0.00
20.66	20.98	2.00	0.00	1.00	0.00	20.67	20.59	2.00	0.00	1.00	0.00
20.68	22.32	2.00	0.00	1.00	0.00	20.69	22.64	2.00	0.00	1.00	0.00
20.70	23.05	2.00	0.00	1.00	0.00	20.71	21.68	2.00	0.00	1.00	0.00
20.72	21.30	2.00	0.00	1.00	0.00	20.73	21.07	2.00	0.00	1.00	0.00
20.74	23.75	2.00	0.00	1.00	0.00	20.75	21.94	2.00	0.00	1.00	0.00
20.76	22.00	2.00	0.00	1.00	0.00	20.77	24.40	2.00	0.00	1.00	0.00
20.78	22.66	2.00	0.00	1.00	0.00	20.79	24.91	2.00	0.00	1.00	0.00
20.80	24.77	2.00	0.00	1.00	0.00	20.81	23.93	2.00	0.00	1.00	0.00
20.82	24.39	2.00	0.00	1.00	0.00	20.83	25.49	2.00	0.00	1.00	0.00
20.84	25.23	2.00	0.00	1.00	0.00	20.85	22.72	2.00	0.00	1.00	0.00
20.86	22.73	2.00	0.00	1.00	0.00	20.87	25.41	2.00	0.00	1.00	0.00
20.88	25.60	2.00	0.00	1.00	0.00	20.89	24.49	2.00	0.00	1.00	0.00
20.90	26.62	2.00	0.00	1.00	0.00	20.91	27.05	2.00	0.00	1.00	0.00
20.92	24.82	2.00	0.00	1.00	0.00	20.93	24.97	2.00	0.00	1.00	0.00
20.94	27.05	2.00	0.00	1.00	0.00	20.95	27.64	2.00	0.00	1.00	0.00
20.96	27.27	2.00	0.00	1.00	0.00	20.97	26.75	2.00	0.00	1.00	0.00
20.98	29.01	2.00	0.00	1.00	0.00	20.99	26.44	2.00	0.00	1.00	0.00
21.00	29.05	2.00	0.00	1.00	0.00	21.01	26.62	2.00	0.00	1.00	0.00
21.02	27.86	2.00	0.00	1.00	0.00	21.03	25.72	2.00	0.00	1.00	0.00
21.04	27.94	2.00	0.00	1.00	0.00	21.05	21.45	2.00	0.00	1.00	0.00
21.06	26.20	2.00	0.00	1.00	0.00	21.07	25.42	2.00	0.00	1.00	0.00
21.08	25.90	2.00	0.00	1.00	0.00	21.09	25.39	2.00	0.00	1.00	0.00
21.10	24.65	2.00	0.00	1.00	0.00	21.11	21.76	2.00	0.00	1.00	0.00
21.12	21.38	2.00	0.00	1.00	0.00	21.13	21.08	2.00	0.00	1.00	0.00
21.14	22.84	2.00	0.00	1.00	0.00	21.15	22.45	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
21.16	21.98	2.00	0.00	1.00	0.00	21.17	19.34	2.00	0.00	1.00	0.00
21.18	19.03	2.00	0.00	1.00	0.00	21.19	21.20	2.00	0.00	1.00	0.00
21.20	18.80	2.00	0.00	1.00	0.00	21.21	19.35	2.00	0.00	1.00	0.00
21.22	21.88	2.00	0.00	1.00	0.00	21.23	20.28	2.00	0.00	1.00	0.00
21.24	20.35	2.00	0.00	1.00	0.00	21.25	20.61	2.00	0.00	1.00	0.00
21.26	22.60	2.00	0.00	1.00	0.00	21.27	22.05	2.00	0.00	1.00	0.00
21.28	21.27	2.00	0.00	1.00	0.00	21.29	23.33	2.00	0.00	1.00	0.00
21.30	23.63	2.00	0.00	1.00	0.00	21.31	22.26	2.00	0.00	1.00	0.00
21.32	24.18	2.00	0.00	1.00	0.00	21.33	24.19	2.00	0.00	1.00	0.00
21.34	23.72	2.00	0.00	1.00	0.00	21.35	23.13	2.00	0.00	1.00	0.00
21.36	24.25	2.00	0.00	1.00	0.00	21.37	24.21	2.00	0.00	1.00	0.00
21.38	23.47	2.00	0.00	1.00	0.00	21.39	24.93	2.00	0.00	1.00	0.00
21.40	24.91	2.00	0.00	1.00	0.00	21.41	24.56	2.00	0.00	1.00	0.00
21.42	22.25	2.00	0.00	1.00	0.00	21.43	23.55	2.00	0.00	1.00	0.00
21.44	23.22	2.00	0.00	1.00	0.00	21.45	20.44	2.00	0.00	1.00	0.00
21.46	21.23	2.00	0.00	1.00	0.00	21.47	22.17	2.00	0.00	1.00	0.00
21.48	20.39	2.00	0.00	1.00	0.00	21.49	19.97	2.00	0.00	1.00	0.00
21.50	19.52	2.00	0.00	1.00	0.00	21.51	20.22	2.00	0.00	1.00	0.00
21.52	19.08	2.00	0.00	1.00	0.00	21.53	18.51	2.00	0.00	1.00	0.00
21.54	19.55	2.00	0.00	1.00	0.00	21.55	18.70	2.00	0.00	1.00	0.00
21.56	17.58	2.00	0.00	1.00	0.00	21.57	17.22	2.00	0.00	1.00	0.00
21.58	18.62	2.00	0.00	1.00	0.00	21.59	17.00	2.00	0.00	1.00	0.00
21.60	16.52	2.00	0.00	1.00	0.00	21.61	18.68	2.00	0.00	1.00	0.00
21.62	17.30	2.00	0.00	1.00	0.00	21.63	16.35	2.00	0.00	1.00	0.00
21.64	15.96	2.00	0.00	1.00	0.00	21.65	18.16	2.00	0.00	1.00	0.00
21.66	17.77	2.00	0.00	1.00	0.00	21.67	17.17	2.00	0.00	1.00	0.00
21.68	17.60	2.00	0.00	1.00	0.00	21.69	17.56	2.00	0.00	1.00	0.00
21.70	15.81	2.00	0.00	1.00	0.00	21.71	17.51	2.00	0.00	1.00	0.00
21.72	17.26	2.00	0.00	1.00	0.00	21.73	15.53	2.00	0.00	1.00	0.00
21.74	15.01	2.00	0.00	1.00	0.00	21.75	17.32	2.00	0.00	1.00	0.00
21.76	17.14	2.00	0.00	1.00	0.00	21.77	15.88	2.00	0.00	1.00	0.00
21.78	17.91	2.00	0.00	1.00	0.00	21.79	17.64	2.00	0.00	1.00	0.00
21.80	17.73	2.00	0.00	1.00	0.00	21.81	17.01	2.00	0.00	1.00	0.00
21.82	17.99	2.00	0.00	1.00	0.00	21.83	16.30	2.00	0.00	1.00	0.00
21.84	18.37	2.00	0.00	1.00	0.00	21.85	16.85	2.00	0.00	1.00	0.00
21.86	16.39	2.00	0.00	1.00	0.00	21.87	18.07	2.00	0.00	1.00	0.00
21.88	16.83	2.00	0.00	1.00	0.00	21.89	16.18	2.00	0.00	1.00	0.00
21.90	16.21	2.00	0.00	1.00	0.00	21.91	17.68	2.00	0.00	1.00	0.00
21.92	16.08	2.00	0.00	1.00	0.00	21.93	15.57	2.00	0.00	1.00	0.00
21.94	17.82	2.00	0.00	1.00	0.00	21.95	16.66	2.00	0.00	1.00	0.00
21.96	17.07	2.00	0.00	1.00	0.00	21.97	15.64	2.00	0.00	1.00	0.00
21.98	17.58	2.00	0.00	1.00	0.00	21.99	16.53	2.00	0.00	1.00	0.00
22.00	17.60	2.00	0.00	1.00	0.00	22.01	15.52	2.00	0.00	1.00	0.00
22.02	16.45	2.00	0.00	1.00	0.00	22.03	16.06	2.00	0.00	1.00	0.00
22.04	15.54	2.00	0.00	1.00	0.00	22.05	11.82	2.00	0.00	1.00	0.00
22.06	17.41	2.00	0.00	1.00	0.00	22.07	17.98	2.00	0.00	1.00	0.00
22.08	17.84	2.00	0.00	1.00	0.00	22.09	15.81	2.00	0.00	1.00	0.00
22.10	17.51	2.00	0.00	1.00	0.00	22.11	15.80	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
22.12	14.88	2.00	0.00	1.00	0.00	22.13	16.84	2.00	0.00	1.00	0.00
22.14	16.11	2.00	0.00	1.00	0.00	22.15	15.20	2.00	0.00	1.00	0.00
22.16	14.49	2.00	0.00	1.00	0.00	22.17	16.58	2.00	0.00	1.00	0.00
22.18	16.57	2.00	0.00	1.00	0.00	22.19	16.41	2.00	0.00	1.00	0.00
22.20	14.33	2.00	0.00	1.00	0.00	22.21	16.47	2.00	0.00	1.00	0.00
22.22	15.56	2.00	0.00	1.00	0.00	22.23	16.39	2.00	0.00	1.00	0.00
22.24	14.90	2.00	0.00	1.00	0.00	22.25	14.02	2.00	0.00	1.00	0.00
22.26	16.43	2.00	0.00	1.00	0.00	22.27	14.15	2.00	0.00	1.00	0.00
22.28	15.60	2.00	0.00	1.00	0.00	22.29	16.35	2.00	0.00	1.00	0.00
22.30	14.19	2.00	0.00	1.00	0.00	22.31	16.41	2.00	0.00	1.00	0.00
22.32	16.35	2.00	0.00	1.00	0.00	22.33	14.40	2.00	0.00	1.00	0.00
22.34	16.63	2.00	0.00	1.00	0.00	22.35	14.78	2.00	0.00	1.00	0.00
22.36	16.21	2.00	0.00	1.00	0.00	22.37	16.48	2.00	0.00	1.00	0.00
22.38	16.58	2.00	0.00	1.00	0.00	22.39	14.44	2.00	0.00	1.00	0.00
22.40	13.33	2.00	0.00	1.00	0.00	22.41	15.55	2.00	0.00	1.00	0.00
22.42	14.10	2.00	0.00	1.00	0.00	22.43	13.29	2.00	0.00	1.00	0.00
22.44	13.11	2.00	0.00	1.00	0.00	22.45	15.33	2.00	0.00	1.00	0.00
22.46	15.23	2.00	0.00	1.00	0.00	22.47	14.05	2.00	0.00	1.00	0.00
22.48	14.90	2.00	0.00	1.00	0.00	22.49	12.84	2.00	0.00	1.00	0.00
22.50	12.55	2.00	0.00	1.00	0.00	22.51	14.76	2.00	0.00	1.00	0.00
22.52	12.22	2.00	0.00	1.00	0.00	22.53	12.98	2.00	0.00	1.00	0.00
22.54	14.60	2.00	0.00	1.00	0.00	22.55	14.81	2.00	0.00	1.00	0.00
22.56	12.54	2.00	0.00	1.00	0.00	22.57	12.27	2.00	0.00	1.00	0.00
22.58	13.56	2.00	0.00	1.00	0.00	22.59	12.78	2.00	0.00	1.00	0.00
22.60	12.31	2.00	0.00	1.00	0.00	22.61	15.09	2.00	0.00	1.00	0.00
22.62	15.17	2.00	0.00	1.00	0.00	22.63	14.08	2.00	0.00	1.00	0.00
22.64	15.79	2.00	0.00	1.00	0.00	22.65	15.53	2.00	0.00	1.00	0.00
22.66	14.90	2.00	0.00	1.00	0.00	22.67	15.51	2.00	0.00	1.00	0.00
22.68	15.89	2.00	0.00	1.00	0.00	22.69	15.75	2.00	0.00	1.00	0.00
22.70	14.78	2.00	0.00	1.00	0.00	22.71	15.85	2.00	0.00	1.00	0.00
22.72	16.22	2.00	0.00	1.00	0.00	22.73	15.09	2.00	0.00	1.00	0.00
22.74	16.09	2.00	0.00	1.00	0.00	22.75	15.95	2.00	0.00	1.00	0.00
22.76	14.13	2.00	0.00	1.00	0.00	22.77	13.96	2.00	0.00	1.00	0.00
22.78	16.27	2.00	0.00	1.00	0.00	22.79	15.93	2.00	0.00	1.00	0.00
22.80	15.38	2.00	0.00	1.00	0.00	22.81	13.64	2.00	0.00	1.00	0.00
22.82	14.82	2.00	0.00	1.00	0.00	22.83	15.51	2.00	0.00	1.00	0.00
22.84	15.30	2.00	0.00	1.00	0.00	22.85	15.02	2.00	0.00	1.00	0.00
22.86	13.37	2.00	0.00	1.00	0.00	22.87	14.95	2.00	0.00	1.00	0.00
22.88	14.74	2.00	0.00	1.00	0.00	22.89	14.47	2.00	0.00	1.00	0.00
22.90	12.29	2.00	0.00	1.00	0.00	22.91	13.74	2.00	0.00	1.00	0.00
22.92	14.24	2.00	0.00	1.00	0.00	22.93	13.90	2.00	0.00	1.00	0.00
22.94	11.82	2.00	0.00	1.00	0.00	22.95	11.67	2.00	0.00	1.00	0.00
22.96	11.24	2.00	0.00	1.00	0.00	22.97	12.13	2.00	0.00	1.00	0.00
22.98	12.53	2.00	0.00	1.00	0.00	22.99	11.74	2.00	0.00	1.00	0.00
23.00	11.65	2.00	0.00	1.00	0.00	23.01	13.85	2.00	0.00	1.00	0.00
23.02	13.96	2.00	0.00	1.00	0.00	23.03	11.98	2.00	0.00	1.00	0.00
23.04	11.94	2.00	0.00	1.00	0.00	23.05	8.92	2.00	0.00	1.00	0.00
23.06	12.08	2.00	0.00	1.00	0.00	23.07	14.53	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
23.08	13.82	2.00	0.00	1.00	0.00	23.09	13.04	2.00	0.00	1.00	0.00
23.10	13.15	2.00	0.00	1.00	0.00	23.11	13.96	2.00	0.00	1.00	0.00
23.12	13.28	2.00	0.00	1.00	0.00	23.13	15.49	2.00	0.00	1.00	0.00
23.14	14.79	2.00	0.00	1.00	0.00	23.15	15.50	2.00	0.00	1.00	0.00
23.16	13.69	2.00	0.00	1.00	0.00	23.17	15.63	2.00	0.00	1.00	0.00
23.18	13.77	2.00	0.00	1.00	0.00	23.19	16.20	2.00	0.00	1.00	0.00
23.20	16.22	2.00	0.00	1.00	0.00	23.21	15.43	2.00	0.00	1.00	0.00
23.22	16.49	2.00	0.00	1.00	0.00	23.23	16.52	2.00	0.00	1.00	0.00
23.24	14.83	2.00	0.00	1.00	0.00	23.25	16.87	2.00	0.00	1.00	0.00
23.26	14.70	2.00	0.00	1.00	0.00	23.27	17.24	2.00	0.00	1.00	0.00
23.28	15.13	2.00	0.00	1.00	0.00	23.29	17.12	2.00	0.00	1.00	0.00
23.30	15.72	2.00	0.00	1.00	0.00	23.31	15.03	2.00	0.00	1.00	0.00
23.32	16.43	2.00	0.00	1.00	0.00	23.33	15.84	2.00	0.00	1.00	0.00
23.34	15.52	2.00	0.00	1.00	0.00	23.35	15.67	2.00	0.00	1.00	0.00
23.36	17.79	2.00	0.00	1.00	0.00	23.37	15.77	2.00	0.00	1.00	0.00
23.38	16.65	2.00	0.00	1.00	0.00	23.39	18.02	2.00	0.00	1.00	0.00
23.40	16.65	2.00	0.00	1.00	0.00	23.41	18.32	2.00	0.00	1.00	0.00
23.42	18.19	2.00	0.00	1.00	0.00	23.43	17.55	2.00	0.00	1.00	0.00
23.44	17.25	2.00	0.00	1.00	0.00	23.45	17.95	2.00	0.00	1.00	0.00
23.46	17.80	2.00	0.00	1.00	0.00	23.47	17.65	2.00	0.00	1.00	0.00
23.48	16.94	2.00	0.00	1.00	0.00	23.49	17.81	2.00	0.00	1.00	0.00
23.50	16.50	2.00	0.00	1.00	0.00	23.51	15.03	2.00	0.00	1.00	0.00
23.52	17.11	2.00	0.00	1.00	0.00	23.53	14.99	2.00	0.00	1.00	0.00
23.54	14.60	2.00	0.00	1.00	0.00	23.55	14.45	2.00	0.00	1.00	0.00
23.56	16.60	2.00	0.00	1.00	0.00	23.57	15.09	2.00	0.00	1.00	0.00
23.58	14.34	2.00	0.00	1.00	0.00	23.59	13.86	2.00	0.00	1.00	0.00
23.60	16.12	2.00	0.00	1.00	0.00	23.61	14.76	2.00	0.00	1.00	0.00
23.62	13.96	2.00	0.00	1.00	0.00	23.63	13.58	2.00	0.00	1.00	0.00
23.64	15.87	2.00	0.00	1.00	0.00	23.65	13.88	2.00	0.00	1.00	0.00
23.66	13.78	2.00	0.00	1.00	0.00	23.67	15.94	2.00	0.00	1.00	0.00
23.68	14.02	2.00	0.00	1.00	0.00	23.69	14.00	2.00	0.00	1.00	0.00
23.70	15.08	2.00	0.00	1.00	0.00	23.71	15.76	2.00	0.00	1.00	0.00
23.72	16.36	2.00	0.00	1.00	0.00	23.73	16.26	2.00	0.00	1.00	0.00
23.74	16.37	2.00	0.00	1.00	0.00	23.75	16.81	2.00	0.00	1.00	0.00
23.76	15.24	2.00	0.00	1.00	0.00	23.77	17.62	2.00	0.00	1.00	0.00
23.78	17.84	2.00	0.00	1.00	0.00	23.79	17.23	2.00	0.00	1.00	0.00
23.80	16.62	2.00	0.00	1.00	0.00	23.81	18.01	2.00	0.00	1.00	0.00
23.82	18.22	2.00	0.00	1.00	0.00	23.83	18.15	2.00	0.00	1.00	0.00
23.84	18.23	2.00	0.00	1.00	0.00	23.85	16.09	2.00	0.00	1.00	0.00
23.86	16.09	2.00	0.00	1.00	0.00	23.87	16.31	2.00	0.00	1.00	0.00
23.88	18.30	2.00	0.00	1.00	0.00	23.89	18.54	2.00	0.00	1.00	0.00
23.90	16.38	2.00	0.00	1.00	0.00	23.91	16.31	2.00	0.00	1.00	0.00
23.92	16.37	2.00	0.00	1.00	0.00	23.93	16.35	2.00	0.00	1.00	0.00
23.94	18.88	2.00	0.00	1.00	0.00	23.95	19.00	2.00	0.00	1.00	0.00
23.96	18.57	2.00	0.00	1.00	0.00	23.97	18.42	2.00	0.00	1.00	0.00
23.98	18.03	2.00	0.00	1.00	0.00	23.99	19.25	2.00	0.00	1.00	0.00
24.00	18.17	2.00	0.00	1.00	0.00	24.01	17.19	2.00	0.00	1.00	0.00
24.02	16.69	2.00	0.00	1.00	0.00	24.03	17.49	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
24.04	18.28	2.00	0.00	1.00	0.00	24.05	10.19	2.00	0.00	1.00	0.00
24.06	15.98	2.00	0.00	1.00	0.00	24.07	18.48	2.00	0.00	1.00	0.00
24.08	17.55	2.00	0.00	1.00	0.00	24.09	15.89	2.00	0.00	1.00	0.00
24.10	17.64	2.00	0.00	1.00	0.00	24.11	14.95	2.00	0.00	1.00	0.00
24.12	17.19	2.00	0.00	1.00	0.00	24.13	14.64	2.00	0.00	1.00	0.00
24.14	16.83	2.00	0.00	1.00	0.00	24.15	14.44	2.00	0.00	1.00	0.00
24.16	16.33	2.00	0.00	1.00	0.00	24.17	15.72	2.00	0.00	1.00	0.00
24.18	15.36	2.00	0.00	1.00	0.00	24.19	13.48	2.00	0.00	1.00	0.00
24.20	15.36	2.00	0.00	1.00	0.00	24.21	15.15	2.00	0.00	1.00	0.00
24.22	13.23	2.00	0.00	1.00	0.00	24.23	15.04	2.00	0.00	1.00	0.00
24.24	13.59	2.00	0.00	1.00	0.00	24.25	15.16	2.00	0.00	1.00	0.00
24.26	15.73	2.00	0.00	1.00	0.00	24.27	15.27	2.00	0.00	1.00	0.00
24.28	15.56	2.00	0.00	1.00	0.00	24.29	14.27	2.00	0.00	1.00	0.00
24.30	13.38	2.00	0.00	1.00	0.00	24.31	14.05	2.00	0.00	1.00	0.00
24.32	14.13	2.00	0.00	1.00	0.00	24.33	13.83	2.00	0.00	1.00	0.00
24.34	14.22	2.00	0.00	1.00	0.00	24.35	16.35	2.00	0.00	1.00	0.00
24.36	14.55	2.00	0.00	1.00	0.00	24.37	14.43	2.00	0.00	1.00	0.00
24.38	16.71	2.00	0.00	1.00	0.00	24.39	17.39	2.00	0.00	1.00	0.00
24.40	17.50	2.00	0.00	1.00	0.00	24.41	15.59	2.00	0.00	1.00	0.00
24.42	16.01	2.00	0.00	1.00	0.00	24.43	17.13	2.00	0.00	1.00	0.00
24.44	17.87	2.00	0.00	1.00	0.00	24.45	15.69	2.00	0.00	1.00	0.00
24.46	15.24	2.00	0.00	1.00	0.00	24.47	15.08	2.00	0.00	1.00	0.00
24.48	16.81	2.00	0.00	1.00	0.00	24.49	17.20	2.00	0.00	1.00	0.00
24.50	15.18	2.00	0.00	1.00	0.00	24.51	15.73	2.00	0.00	1.00	0.00
24.52	17.06	2.00	0.00	1.00	0.00	24.53	17.99	2.00	0.00	1.00	0.00
24.54	18.39	2.00	0.00	1.00	0.00	24.55	16.13	2.00	0.00	1.00	0.00
24.56	17.61	2.00	0.00	1.00	0.00	24.57	18.76	2.00	0.00	1.00	0.00
24.58	18.84	2.00	0.00	1.00	0.00	24.59	17.36	2.00	0.00	1.00	0.00
24.60	17.70	2.00	0.00	1.00	0.00	24.61	17.72	2.00	0.00	1.00	0.00
24.62	17.06	2.00	0.00	1.00	0.00	24.63	19.06	2.00	0.00	1.00	0.00
24.64	18.97	2.00	0.00	1.00	0.00	24.65	18.79	2.00	0.00	1.00	0.00
24.66	17.90	2.00	0.00	1.00	0.00	24.67	16.83	2.00	0.00	1.00	0.00
24.68	16.28	2.00	0.00	1.00	0.00	24.69	17.06	2.00	0.00	1.00	0.00
24.70	17.10	2.00	0.00	1.00	0.00	24.71	16.68	2.00	0.00	1.00	0.00
24.72	14.33	2.00	0.00	1.00	0.00	24.73	15.96	2.00	0.00	1.00	0.00
24.74	16.63	2.00	0.00	1.00	0.00	24.75	16.51	2.00	0.00	1.00	0.00
24.76	15.52	2.00	0.00	1.00	0.00	24.77	15.73	2.00	0.00	1.00	0.00
24.78	16.26	2.00	0.00	1.00	0.00	24.79	16.93	2.00	0.00	1.00	0.00
24.80	16.70	2.00	0.00	1.00	0.00	24.81	15.92	2.00	0.00	1.00	0.00
24.82	15.50	2.00	0.00	1.00	0.00	24.83	15.25	2.00	0.00	1.00	0.00
24.84	15.22	2.00	0.00	1.00	0.00	24.85	15.20	2.00	0.00	1.00	0.00
24.86	16.48	2.00	0.00	1.00	0.00	24.87	14.96	2.00	0.00	1.00	0.00
24.88	15.07	2.00	0.00	1.00	0.00	24.89	17.00	2.00	0.00	1.00	0.00
24.90	17.61	2.00	0.00	1.00	0.00	24.91	16.07	2.00	0.00	1.00	0.00
24.92	16.17	2.00	0.00	1.00	0.00	24.93	16.71	2.00	0.00	1.00	0.00
24.94	18.08	2.00	0.00	1.00	0.00	24.95	18.06	2.00	0.00	1.00	0.00
24.96	16.20	2.00	0.00	1.00	0.00	24.97	16.37	2.00	0.00	1.00	0.00
24.98	18.25	2.00	0.00	1.00	0.00	24.99	19.46	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
25.00	19.43	2.00	0.00	1.00	0.00	25.01	19.83	2.00	0.00	1.00	0.00
25.02	19.98	2.00	0.00	1.00	0.00	25.03	18.26	2.00	0.00	1.00	0.00
25.04	18.90	2.00	0.00	1.00	0.00	25.05	19.13	2.00	0.00	1.00	0.00
25.06	15.54	2.00	0.00	1.00	0.00	25.07	19.53	2.00	0.00	1.00	0.00
25.08	17.51	2.00	0.00	1.00	0.00	25.09	19.11	2.00	0.00	1.00	0.00
25.10	17.41	2.00	0.00	1.00	0.00	25.11	17.13	2.00	0.00	1.00	0.00
25.12	18.72	2.00	0.00	1.00	0.00	25.13	15.90	2.00	0.00	1.00	0.00
25.14	17.71	2.00	0.00	1.00	0.00	25.15	17.26	2.00	0.00	1.00	0.00
25.16	15.76	2.00	0.00	1.00	0.00	25.17	16.35	2.00	0.00	1.00	0.00
25.18	15.86	2.00	0.00	1.00	0.00	25.19	13.79	2.00	0.00	1.00	0.00
25.20	13.40	2.00	0.00	1.00	0.00	25.21	15.16	2.00	0.00	1.00	0.00
25.22	13.13	2.00	0.00	1.00	0.00	25.23	12.94	2.00	0.00	1.00	0.00
25.24	14.07	2.00	0.00	1.00	0.00	25.25	15.53	2.00	0.00	1.00	0.00
25.26	16.13	2.00	0.00	1.00	0.00	25.27	15.25	2.00	0.00	1.00	0.00
25.28	15.09	2.00	0.00	1.00	0.00	25.29	14.97	2.00	0.00	1.00	0.00
25.30	15.61	2.00	0.00	1.00	0.00	25.31	17.59	2.00	0.00	1.00	0.00
25.32	15.72	2.00	0.00	1.00	0.00	25.33	18.05	2.00	0.00	1.00	0.00
25.34	17.99	2.00	0.00	1.00	0.00	25.35	17.64	2.00	0.00	1.00	0.00
25.36	16.97	2.00	0.00	1.00	0.00	25.37	16.93	2.00	0.00	1.00	0.00
25.38	17.47	2.00	0.00	1.00	0.00	25.39	16.88	2.00	0.00	1.00	0.00
25.40	17.38	2.00	0.00	1.00	0.00	25.41	18.10	2.00	0.00	1.00	0.00
25.42	17.81	2.00	0.00	1.00	0.00	25.43	16.27	2.00	0.00	1.00	0.00
25.44	15.65	2.00	0.00	1.00	0.00	25.45	18.18	2.00	0.00	1.00	0.00
25.46	17.04	2.00	0.00	1.00	0.00	25.47	16.03	2.00	0.00	1.00	0.00
25.48	15.92	2.00	0.00	1.00	0.00	25.49	17.19	2.00	0.00	1.00	0.00
25.50	16.93	2.00	0.00	1.00	0.00	25.51	15.75	2.00	0.00	1.00	0.00
25.52	15.23	2.00	0.00	1.00	0.00	25.53	14.77	2.00	0.00	1.00	0.00
25.54	15.53	2.00	0.00	1.00	0.00	25.55	16.86	2.00	0.00	1.00	0.00
25.56	16.68	2.00	0.00	1.00	0.00	25.57	15.55	2.00	0.00	1.00	0.00
25.58	14.88	2.00	0.00	1.00	0.00	25.59	14.53	2.00	0.00	1.00	0.00
25.60	14.43	2.00	0.00	1.00	0.00	25.61	16.34	2.00	0.00	1.00	0.00
25.62	16.25	2.00	0.00	1.00	0.00	25.63	16.00	2.00	0.00	1.00	0.00
25.64	15.99	2.00	0.00	1.00	0.00	25.65	16.21	2.00	0.00	1.00	0.00
25.66	16.14	2.00	0.00	1.00	0.00	25.67	16.09	2.00	0.00	1.00	0.00
25.68	14.49	2.00	0.00	1.00	0.00	25.69	16.10	2.00	0.00	1.00	0.00
25.70	16.08	2.00	0.00	1.00	0.00	25.71	14.72	2.00	0.00	1.00	0.00
25.72	14.72	2.00	0.00	1.00	0.00	25.73	15.26	2.00	0.00	1.00	0.00
25.74	14.14	2.00	0.00	1.00	0.00	25.75	13.90	2.00	0.00	1.00	0.00
25.76	14.40	2.00	0.00	1.00	0.00	25.77	14.55	2.00	0.00	1.00	0.00
25.78	15.84	2.00	0.00	1.00	0.00	25.79	16.27	2.00	0.00	1.00	0.00
25.80	16.21	2.00	0.00	1.00	0.00	25.81	16.08	2.00	0.00	1.00	0.00
25.82	15.89	2.00	0.00	1.00	0.00	25.83	16.14	2.00	0.00	1.00	0.00
25.84	17.05	2.00	0.00	1.00	0.00	25.85	16.80	2.00	0.00	1.00	0.00
25.86	16.69	2.00	0.00	1.00	0.00	25.87	15.40	2.00	0.00	1.00	0.00
25.88	14.59	2.00	0.00	1.00	0.00	25.89	16.38	2.00	0.00	1.00	0.00
25.90	16.16	2.00	0.00	1.00	0.00	25.91	14.64	2.00	0.00	1.00	0.00
25.92	14.66	2.00	0.00	1.00	0.00	25.93	16.76	2.00	0.00	1.00	0.00
25.94	17.45	2.00	0.00	1.00	0.00	25.95	15.40	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
25.96	16.34	2.00	0.00	1.00	0.00	25.97	17.87	2.00	0.00	1.00	0.00
25.98	17.75	2.00	0.00	1.00	0.00	25.99	17.90	2.00	0.00	1.00	0.00
26.00	16.95	2.00	0.00	1.00	0.00	26.01	16.63	2.00	0.00	1.00	0.00
26.02	17.04	2.00	0.00	1.00	0.00	26.03	17.24	2.00	0.00	1.00	0.00
26.04	16.87	2.00	0.00	1.00	0.00	26.05	16.02	2.00	0.00	1.00	0.00
26.06	14.56	2.00	0.00	1.00	0.00	26.07	15.38	2.00	0.00	1.00	0.00
26.08	6.05	2.00	0.00	1.00	0.00	26.09	13.27	2.00	0.00	1.00	0.00
26.10	16.44	2.00	0.00	1.00	0.00	26.11	15.23	2.00	0.00	1.00	0.00
26.12	15.26	2.00	0.00	1.00	0.00	26.13	17.17	2.00	0.00	1.00	0.00
26.14	16.81	2.00	0.00	1.00	0.00	26.15	16.12	2.00	0.00	1.00	0.00
26.16	14.26	2.00	0.00	1.00	0.00	26.17	14.27	2.00	0.00	1.00	0.00
26.18	14.56	2.00	0.00	1.00	0.00	26.19	15.15	2.00	0.00	1.00	0.00
26.20	16.54	2.00	0.00	1.00	0.00	26.21	14.26	2.00	0.00	1.00	0.00
26.22	13.89	2.00	0.00	1.00	0.00	26.23	13.58	2.00	0.00	1.00	0.00
26.24	14.74	2.00	0.00	1.00	0.00	26.25	13.05	2.00	0.00	1.00	0.00
26.26	12.46	2.00	0.00	1.00	0.00	26.27	13.46	2.00	0.00	1.00	0.00
26.28	15.16	2.00	0.00	1.00	0.00	26.29	16.85	2.00	0.00	1.00	0.00
26.30	17.31	2.00	0.00	1.00	0.00	26.31	20.86	2.00	0.00	1.00	0.00
26.32	81.43	0.59	3.94	1.00	0.04	26.33	83.04	0.60	3.87	1.00	0.04
26.34	83.65	0.60	3.84	1.00	0.04	26.35	85.48	0.62	3.76	1.00	0.04
26.36	84.42	0.61	3.81	1.00	0.03	26.37	84.28	0.61	3.81	1.00	0.04
26.38	83.78	0.61	3.83	1.00	0.04	26.39	84.29	0.61	3.81	1.00	0.04
26.40	85.85	0.62	3.74	1.00	0.04	26.41	86.77	0.62	3.70	1.00	0.04
26.42	26.65	2.00	0.00	1.00	0.00	26.43	26.19	2.00	0.00	1.00	0.00
26.44	25.97	2.00	0.00	1.00	0.00	26.45	26.33	2.00	0.00	1.00	0.00
26.46	28.59	2.00	0.00	1.00	0.00	26.47	92.18	0.66	3.49	1.00	0.03
26.48	94.78	0.68	3.39	1.00	0.03	26.49	98.00	0.70	3.28	1.00	0.03
26.50	100.61	0.72	3.19	1.00	0.03	26.51	101.99	0.73	3.15	1.00	0.03
26.52	102.17	0.73	3.14	1.00	0.03	26.53	100.42	0.72	3.20	1.00	0.03
26.54	99.20	0.71	3.24	1.00	0.03	26.55	97.24	0.69	3.31	1.00	0.03
26.56	96.66	0.69	3.33	1.00	0.03	26.57	96.81	0.69	3.32	1.00	0.03
26.58	100.62	0.72	3.19	1.00	0.03	26.59	104.01	0.75	3.09	1.00	0.03
26.60	104.89	0.76	3.06	1.00	0.03	26.61	101.05	0.73	3.18	1.00	0.03
26.62	96.73	0.69	3.32	1.00	0.03	26.63	93.78	0.67	3.43	1.00	0.03
26.64	92.58	0.66	3.47	1.00	0.04	26.65	93.29	0.67	3.45	1.00	0.03
26.66	93.59	0.67	3.44	1.00	0.03	26.67	91.35	0.65	3.52	1.00	0.04
26.68	89.08	0.64	3.61	1.00	0.04	26.69	86.41	0.62	3.72	1.00	0.04
26.70	82.15	0.60	3.91	1.00	0.04	26.71	77.69	0.58	4.12	1.00	0.04
26.72	71.40	0.55	4.47	1.00	0.05	26.73	67.24	0.53	4.72	1.00	0.05
26.74	69.47	0.54	4.58	1.00	0.05	26.75	75.23	0.56	4.25	1.00	0.04
26.76	74.60	0.56	4.29	1.00	0.04	26.77	75.99	0.57	4.21	1.00	0.04
26.78	73.26	0.56	4.36	1.00	0.04	26.79	72.17	0.55	4.42	1.00	0.04
26.80	69.33	0.54	4.59	1.00	0.05	26.81	61.67	0.51	5.11	1.00	0.05
26.82	55.95	0.48	5.57	1.00	0.06	26.83	56.88	0.49	5.49	1.00	0.05
26.84	58.01	0.49	5.39	1.00	0.05	26.85	60.27	0.50	5.21	1.00	0.05
26.86	64.93	0.52	4.87	1.00	0.05	26.87	67.57	0.53	4.70	1.00	0.05
26.88	68.20	0.53	4.66	1.00	0.05	26.89	70.39	0.54	4.53	1.00	0.05
26.90	72.90	0.55	4.38	1.00	0.04	26.91	76.12	0.57	4.20	1.00	0.04

:: Post-earthquake settlement due to soil liquefaction :: (continued)

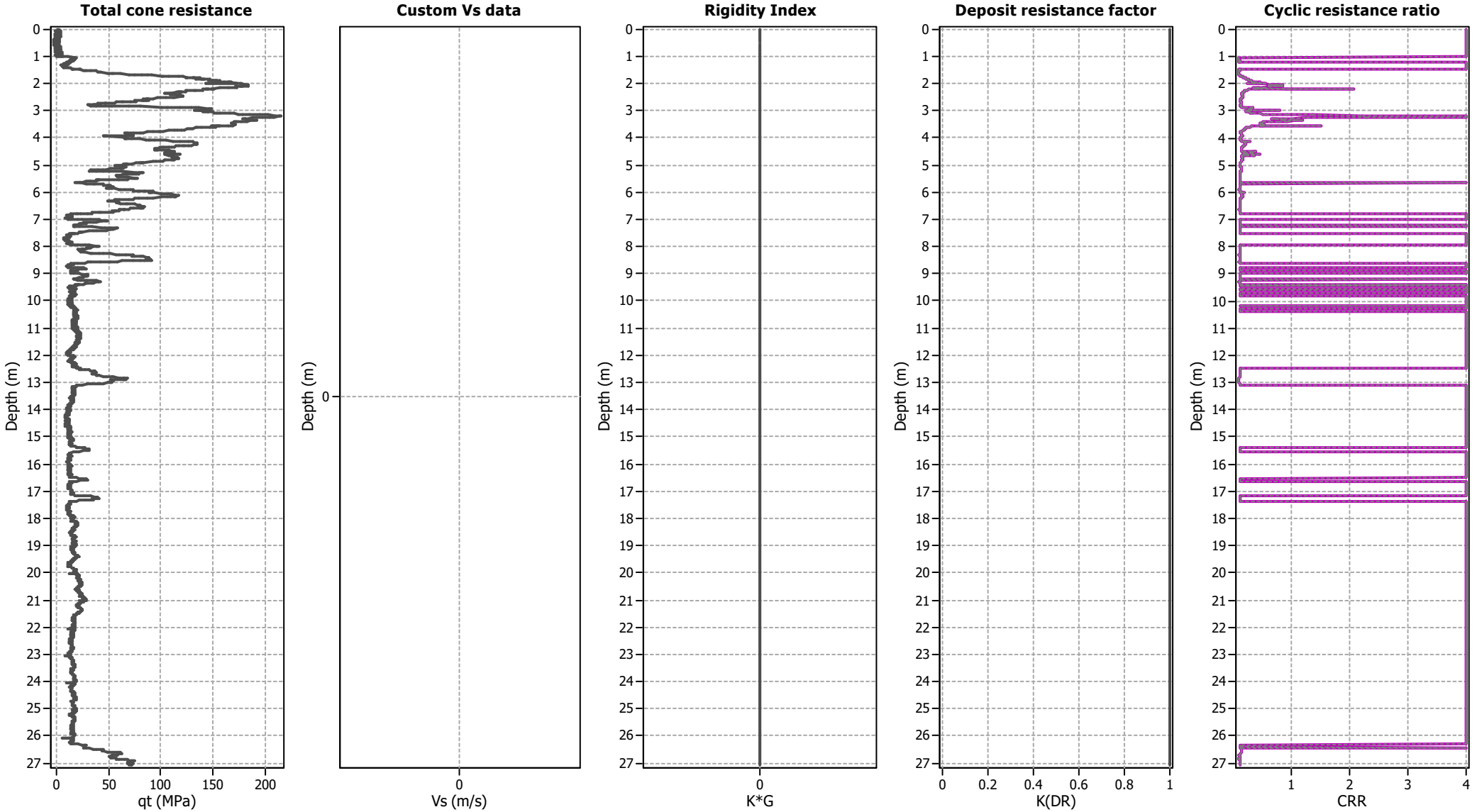
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
26.92	76.02	0.57	4.21	1.00	0.04	26.93	77.78	0.58	4.12	1.00	0.04
26.94	76.24	0.57	4.20	1.00	0.04	26.95	75.03	0.57	4.26	1.00	0.04
26.96	69.98	0.54	4.55	1.00	0.05	26.97	68.63	0.54	4.63	1.00	0.05
26.98	68.44	0.54	4.65	1.00	0.05	26.99	68.18	0.53	4.66	1.00	0.05
27.00	68.64	0.54	4.63	1.00	0.05	27.01	71.78	0.55	4.44	1.00	0.04
27.02	72.92	0.56	4.38	1.00	0.04	27.03	73.18	0.56	4.36	1.00	0.04
27.04	71.97	0.55	4.43	1.00	0.04	27.05	71.63	0.55	4.45	1.00	0.04
27.06	69.92	0.54	4.55	1.00	0.05	27.07	69.51	0.54	4.58	1.00	0.05

Total estimated settlement: 30.22

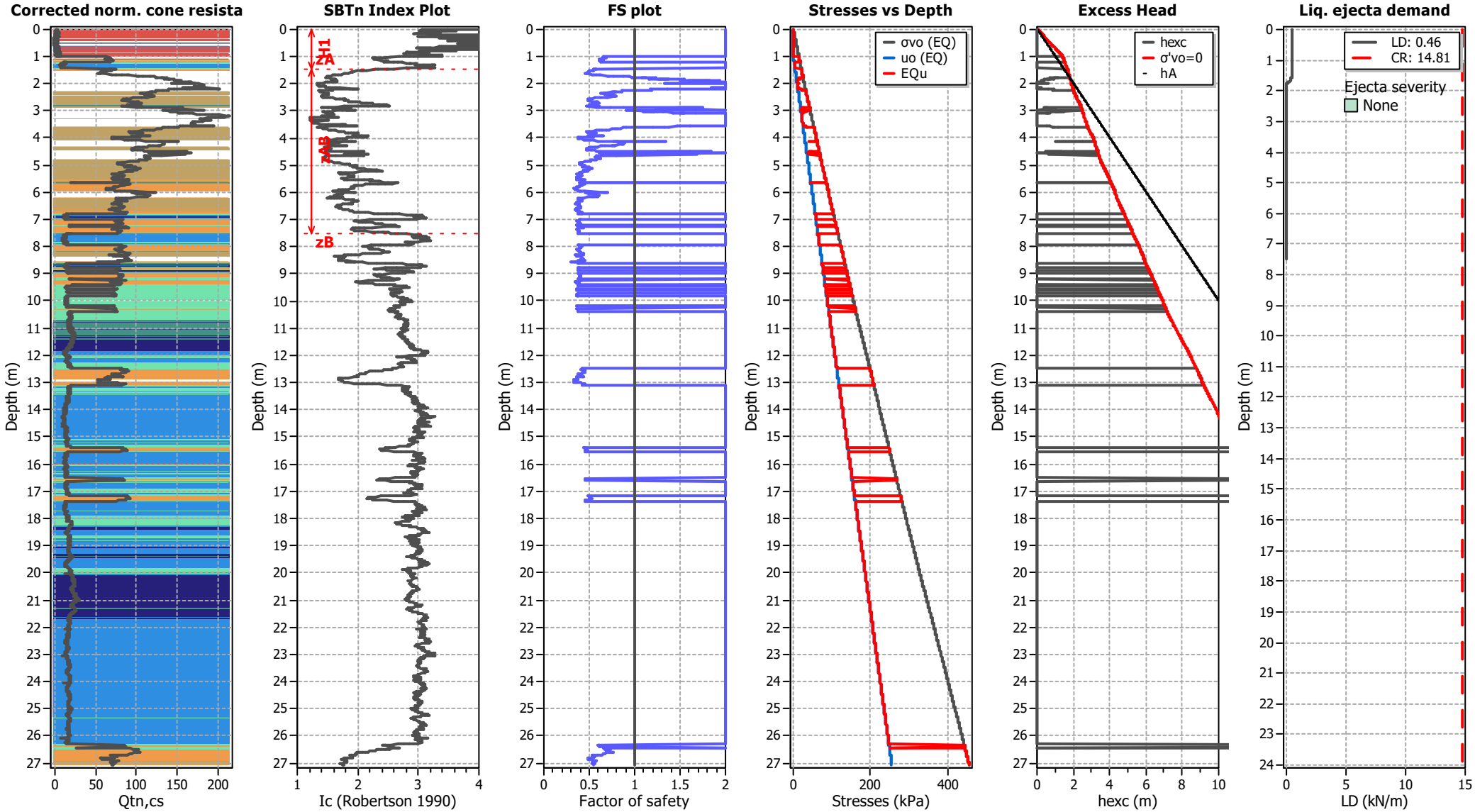
Abbreviations

$Q_{tn,cs}$:	Equivalent clean sand normalized cone resistance
FS:	Factor of safety against liquefaction
e_v (%):	Post-liquefaction volumentric strain
DF:	e_v depth weighting factor
Settlement:	Calculated settlement

Aging Calculation Estimation

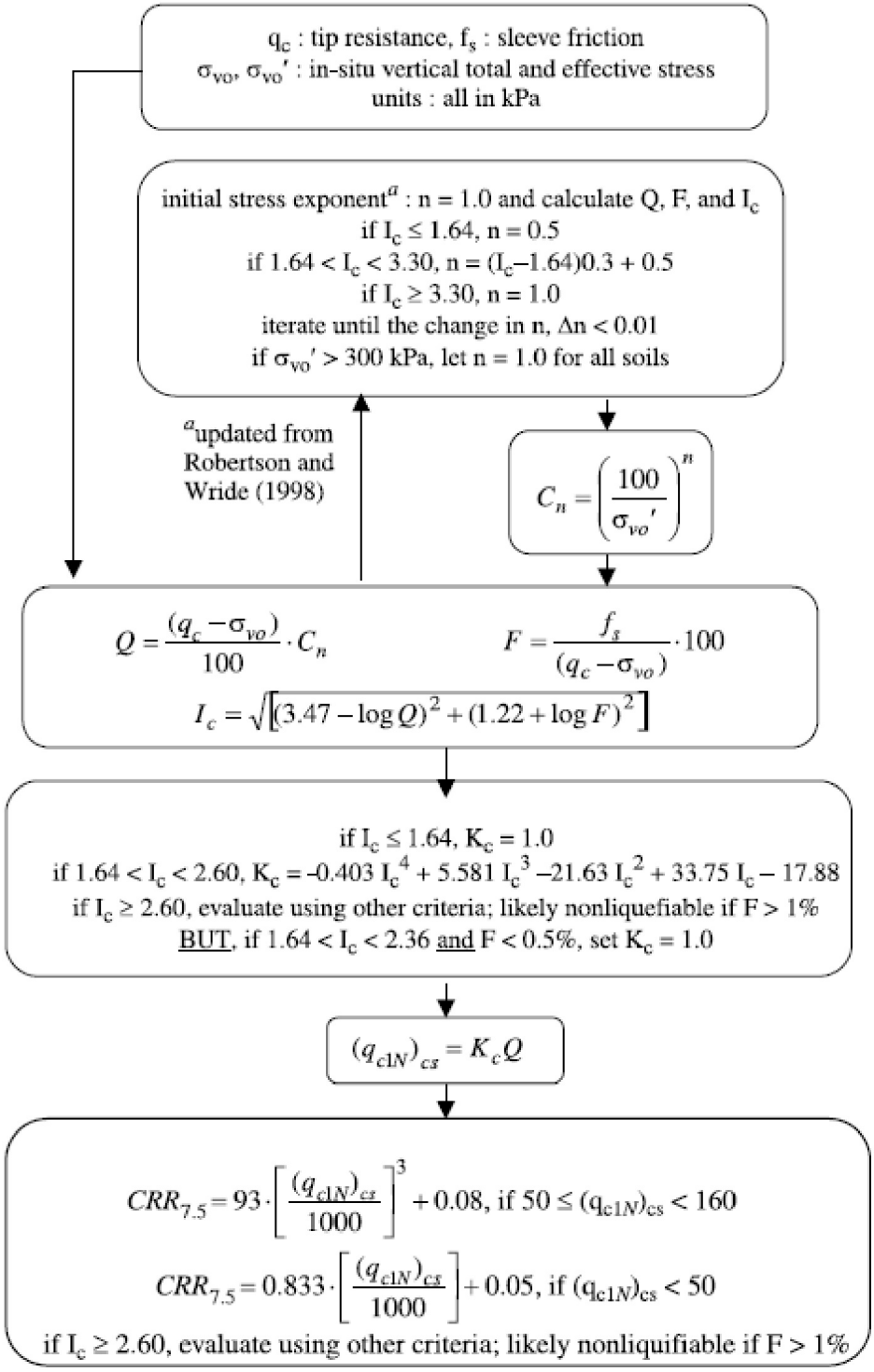


Ejecta Severity Estimation



Procedure for the evaluation of soil liquefaction resistance, NCEER (1998)

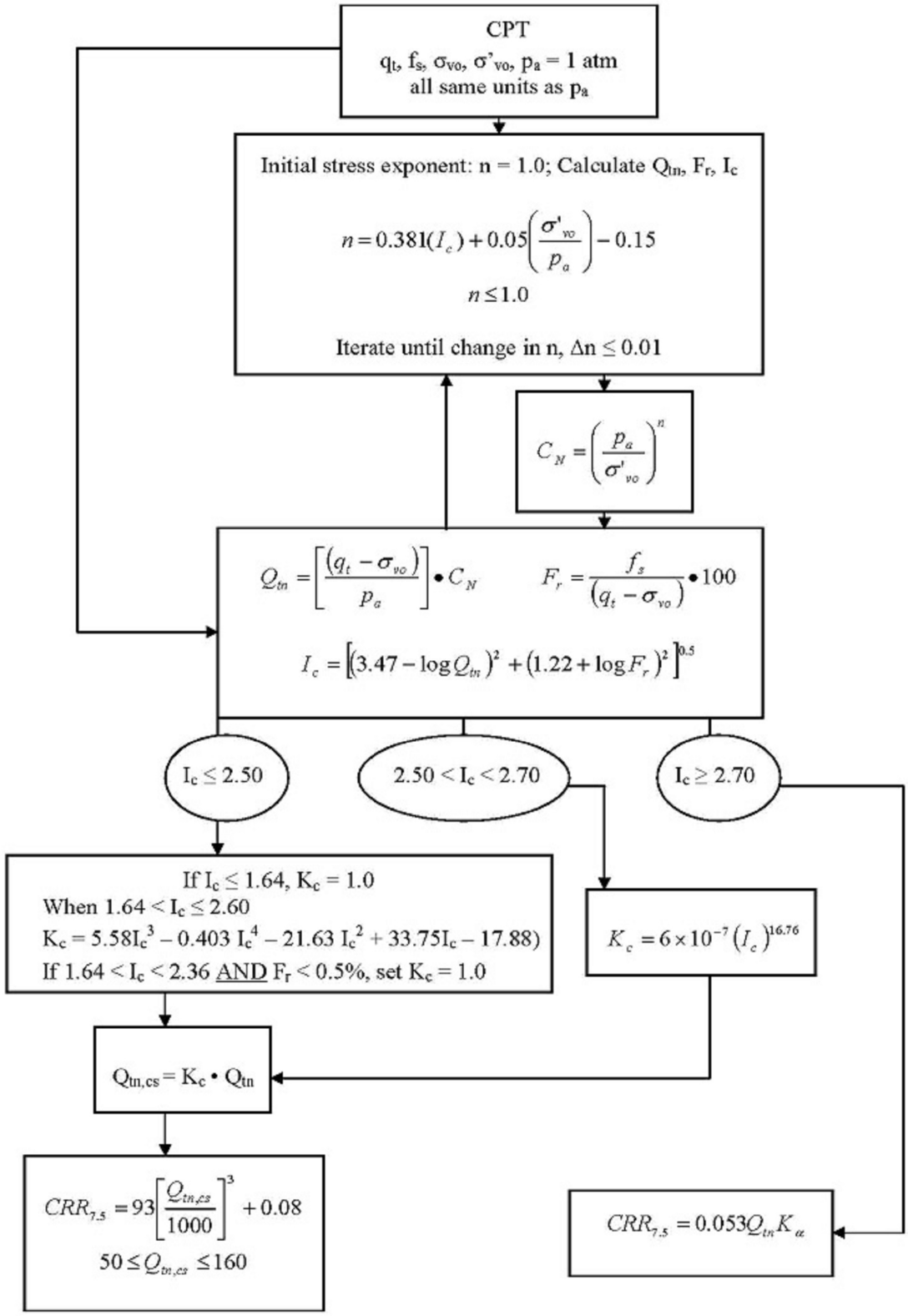
Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. The procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart[1]:



[1] "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

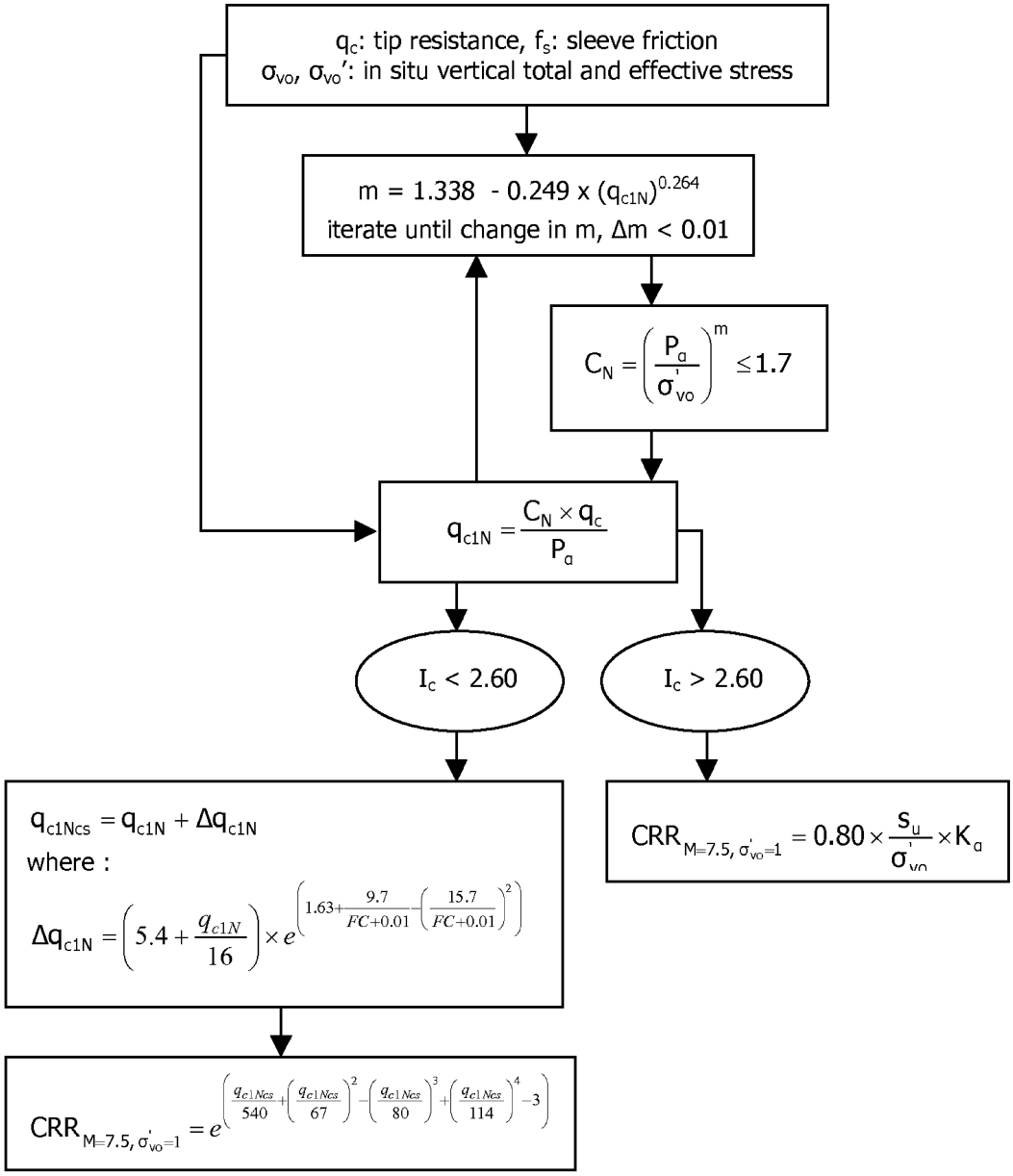
Procedure for the evaluation of soil liquefaction resistance (all soils), Robertson (2010)

Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. This procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart[1]:

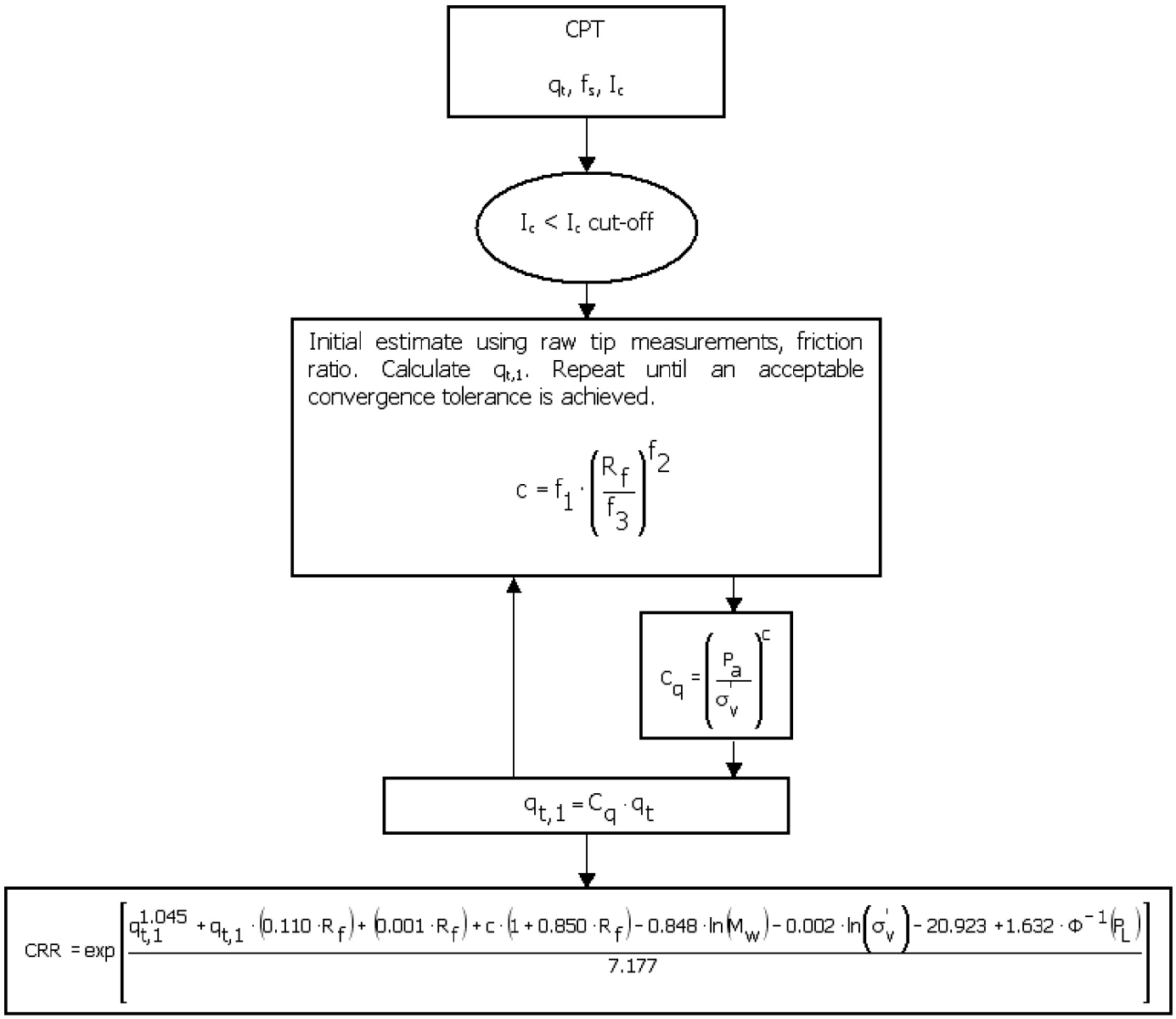


[1] P.K. Robertson, 2009. "Performance based earthquake design using the CPT", Keynote Lecture, International Conference on Performance-based Design in Earthquake Geotechnical Engineering – from case history to practice, IS-Tokyo, June 2009

Procedure for the evaluation of soil liquefaction resistance, Idriss & Boulanger (2008)



Procedure for the evaluation of soil liquefaction resistance (sandy soils), Moss et al. (2006)



Procedure for the evaluation of soil liquefaction resistance, Boulanger & Idriss(2014)

$$FS_{liq} = \frac{CRR_{M=7.5,\sigma'_v=1atm}}{CSR_{M=7.5,\sigma'_v=1atm}}$$

$$CSR_{M=7.5,\sigma'_v=1atm} = 0.65 \frac{\sigma_v}{\sigma'_v} \frac{a_{max}}{g} r_d \frac{1}{MSF} \frac{1}{K_\sigma}$$

$$r_d = \exp\left[\alpha(z) + \beta(z) \cdot M\right]$$

$$\alpha(z) = -1.012 - 1.126 \sin\left(\frac{z}{11.73} + 5.133\right)$$

$$\beta(z) = 0.106 + 0.118 \sin\left(\frac{z}{11.28} + 5.142\right)$$

$$K_\sigma = 1 - C_\sigma \ln\left(\frac{\sigma'_v}{P_a}\right) \le 1.1$$

$$C_\sigma = \frac{1}{37.3 - 8.27\left(q_{c1Ncs}\right)^{0.264}} \le 0.3$$

$$MSF = 1 + \left(MSF_{max} - 1\right)\left(8.64 \exp\left(\frac{-M}{4}\right) - 1.325\right)$$

$$MSF_{max} = 1.09 + \left(\frac{q_{c1Ncs}}{180}\right)^3 \le 2.2$$

σ'_v *and* σ_v *at start of earthquake shaking*

$$CRR_{M=7.5,\sigma'_v=1atm} = \exp\left(\frac{q_{c1Ncs}}{113} + \left(\frac{q_{c1Ncs}}{1000}\right)^2 - \left(\frac{q_{c1Ncs}}{140}\right)^3 + \left(\frac{q_{c1Ncs}}{137}\right)^4 - 2.80\right)$$

$$q_{c1Ncs} = q_{c1N} + \Delta q_{c1N}$$

$$\Delta q_{c1N} = \left(11.9 + \frac{q_{c1N}}{14.6}\right) \exp\left(1.63 - \frac{9.7}{FC+2} - \left(\frac{15.7}{FC+2}\right)^2\right)$$

$$q_{c1N} = C_{Ne} \frac{q_c}{P_a}$$

$$C_{Ne} = \left(\frac{P_a}{\sigma'_v}\right)^m \le 1.7$$

$$m = 1.338 - 0.249\left(q_{c1Ncs}\right)^{0.264} \quad with \quad 0.264 \le m \le 0.782$$

$$FC = 80\left(I_C + C_{FC}\right) - 137 \quad with \quad 0\% \le FC \le 100\%$$

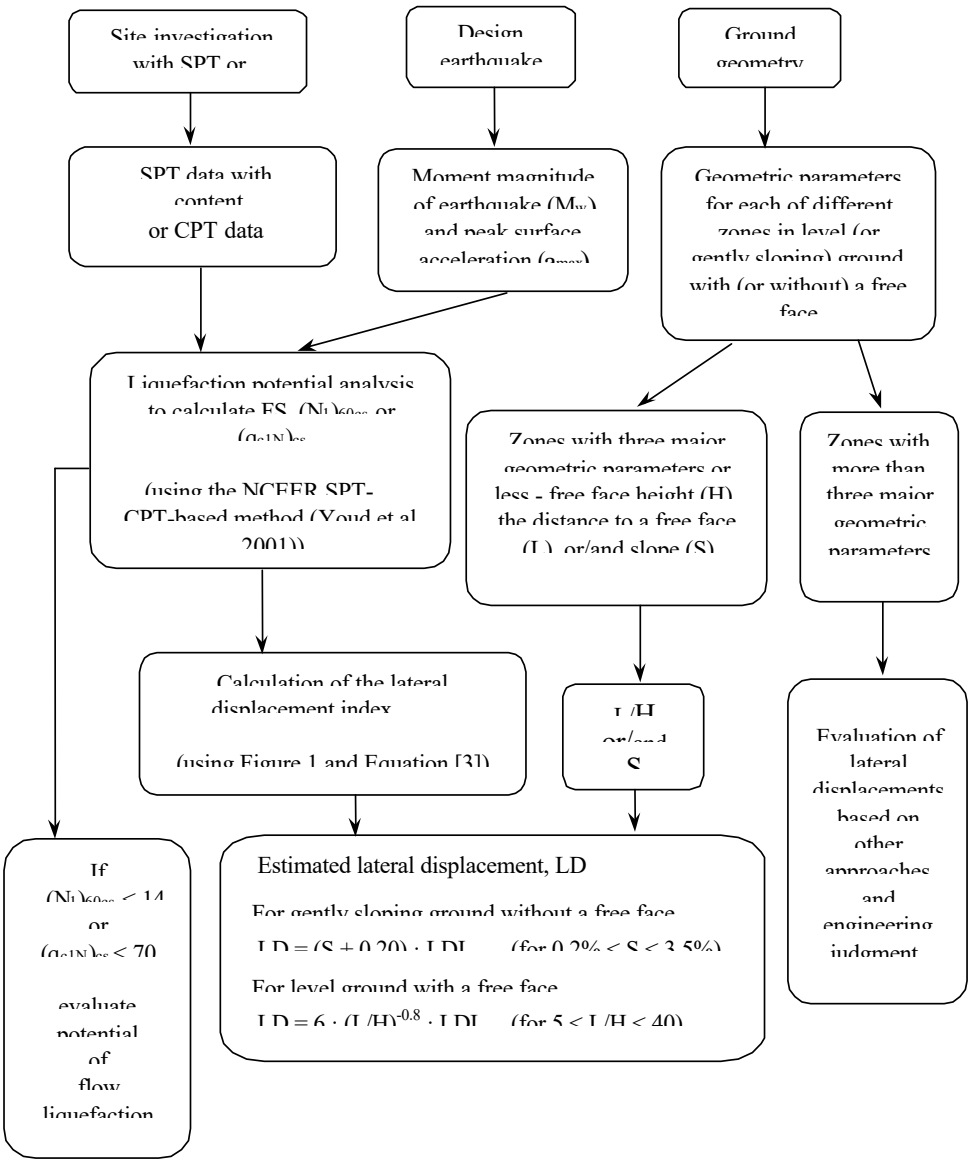
$$I_c = \left[\left(3.47 - \log\left(Q\right)\right)^2 + \left(1.22 + \log\left(F\right)\right)^2\right]^{0.5}$$

$$Q = \left(\frac{q_c - \sigma_{vc}}{P_a}\right)\left(\frac{P_a}{\sigma'_{vc}}\right)^n \; with \; 0.5 \le n \le 1.0 \; per \; Robertson \; \& \; Wride \; (1998)$$

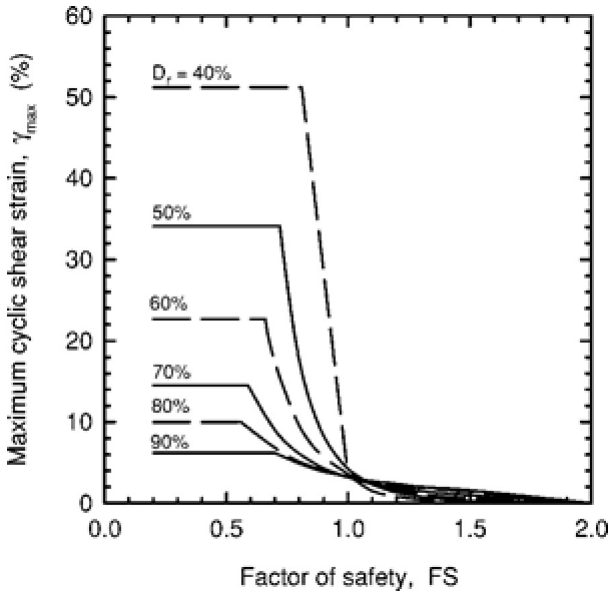
$$F = \left(\frac{f_s}{q_c - \sigma_{vc}}\right) \cdot 100\%$$

σ'_v *at time of CPT sounding*

Procedure for the evaluation of liquefaction-induced lateral spreading displacements



[1] Flow chart illustrating major steps in estimating liquefaction-induced lateral spreading displacements using the proposed approach



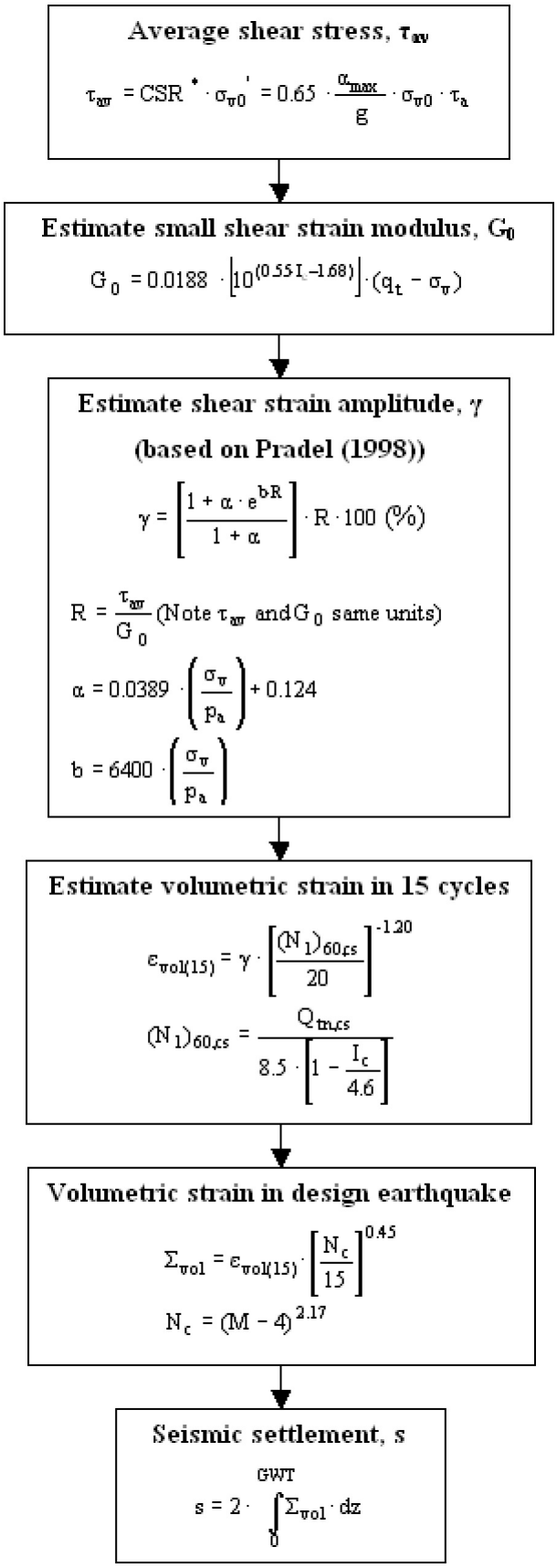
[1] **Figure 1**

$$LDI = \int_0^{z_{max}} \gamma_{max} dz$$

[1] **Equation [3]**

[1] "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

Procedure for the estimation of seismic induced settlements in dry sands



Robertson, P.K. and Lisheng, S., 2010, "Estimation of seismic compression in dry soils using the CPT" FIFTH INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN GEOTECHNICAL EARTHQUAKE ENGINEERING AND SOIL DYNAMICS, Symposium in honor of professor I. M. Idriss, San Diego, CA

Liquefaction Potential Index (LPI) calculation procedure

Calculation of the Liquefaction Potential Index (LPI) is used to interpret the liquefaction assessment calculations in terms of severity over depth. The calculation procedure is based on the methology developed by Iwasaki (1982) and is adopted by AFPS.

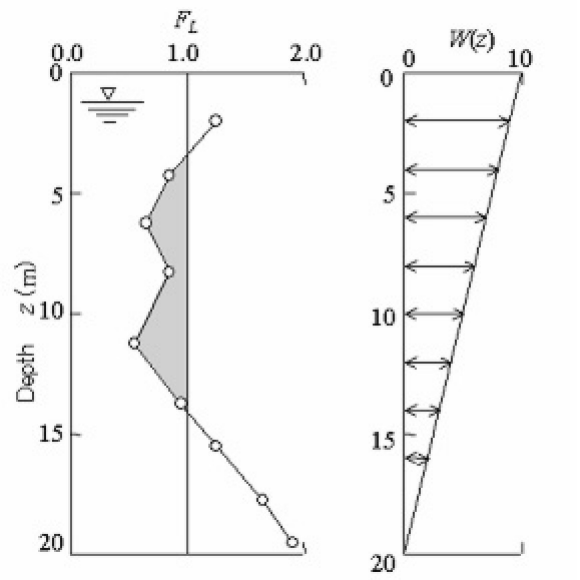
To estimate the severity of liquefaction extent at a given site, LPI is calculated based on the following equation:

$$\mathbf{LPI} = \int_0^{20} (10 - 0{,}5z) \times F_L \times dz$$

where:
F_L = 1 - F.S. when F.S. less than 1
F_L = 0 when F.S. greater than 1
z depth of measurment in meters

Values of LPI range between zero (0) when no test point is characterized as liquefiable and 100 when all points are characterized as susceptible to liquefaction. Iwasaki proposed four (4) discrete categories based on the numeric value of LPI:

- LPI = 0 : Liquefaction risk is very low
- 0 < LPI <= 5 : Liquefaction risk is low
- 5 < LPI <= 15 : Liquefaction risk is high
- LPI > 15 : Liquefaction risk is very high



Graphical presentation of the LPI calculation procedure

Shear-Induced Building Settlement (Ds) calculation procedure

The shear-induced building settlement (Ds) due to liquefaction below the building can be estimated using the relationship developed by Bray and Macedo (2017):

$$Ln(Ds) = c1 + c2 * LBS + 0.58 * Ln\left(Tanh\left(\frac{HL}{6}\right)\right) + 4.59 * Ln(Q) - 0.42 * Ln(Q)^2 - 0.02 * B + 0.84 * Ln(CAVdp) + 0.41 * Ln(Sa1) + \varepsilon$$

where Ds is in the units of mm, c1= -8.35 and c2= 0.072 for LBS ≤ 16, and c1= -7.48 and c2= 0.014 otherwise. Q is the building contact pressure in units of kPa, HL is the cumulative thickness of the liquefiable layers in the units of m, B is the building width in the units of m, CAVdp is a standardized version of the cumulative absolute velocity in the units of g-s, Sa1 is 5%-damped pseudo-acceleration response spectral value at a period of 1 s in the units of g, and ε is a normal random variable with zero mean and 0.50 standard deviation in Ln units. The liquefaction-induced building settlement index (LBS) is:

$$LBS = \sum W * \frac{\varepsilon_{shear}}{z} dz$$

where z (m) is the depth measured from the ground surface > 0, W is a foundation-weighting factor wherein W = 0.0 for z less than Df, which is the embedment depth of the foundation, and W = 1.0 otherwise. The shear strain parameter (ε_shear) is the liquefaction-induced free-field shear strain (in %) estimated using Zhang et al. (2004). It is calculated based on the estimated Dr of the liquefied soil layer and the calculated safety factor against liquefaction triggering (FSL).

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