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LIQUEFACTION ANALYSIS REPORT

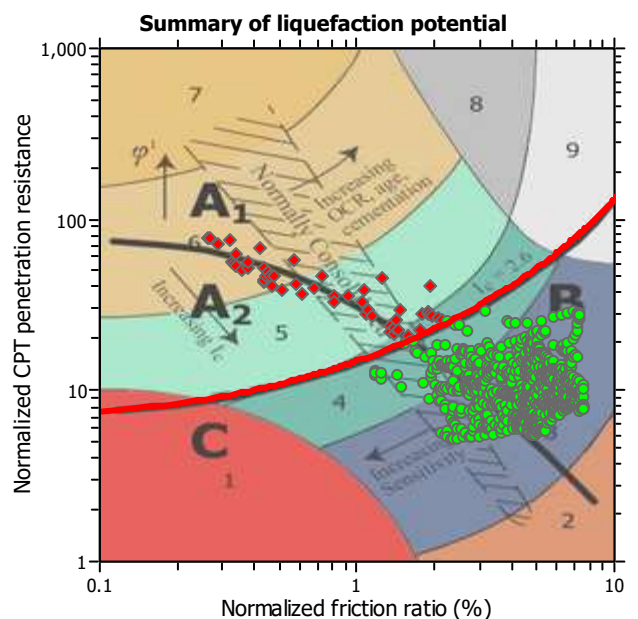
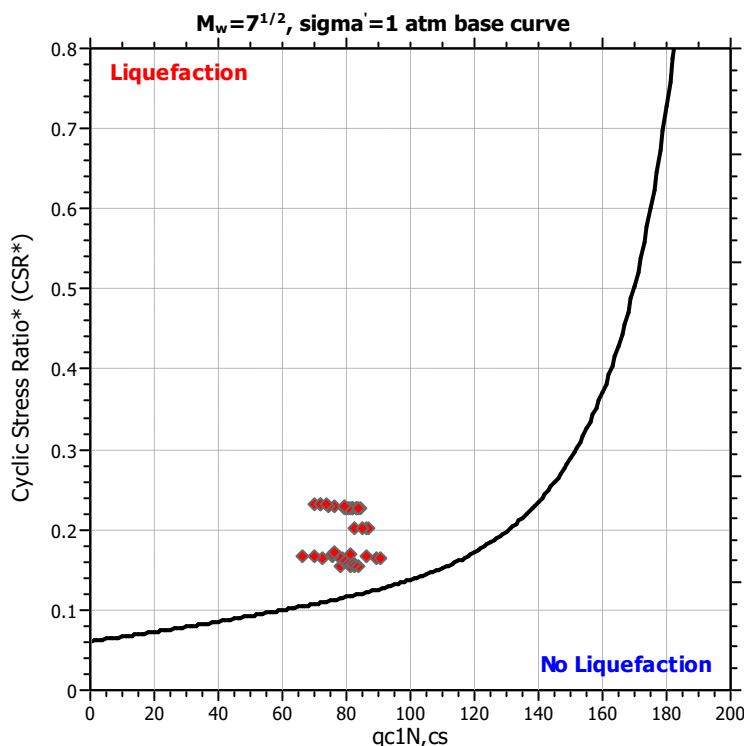
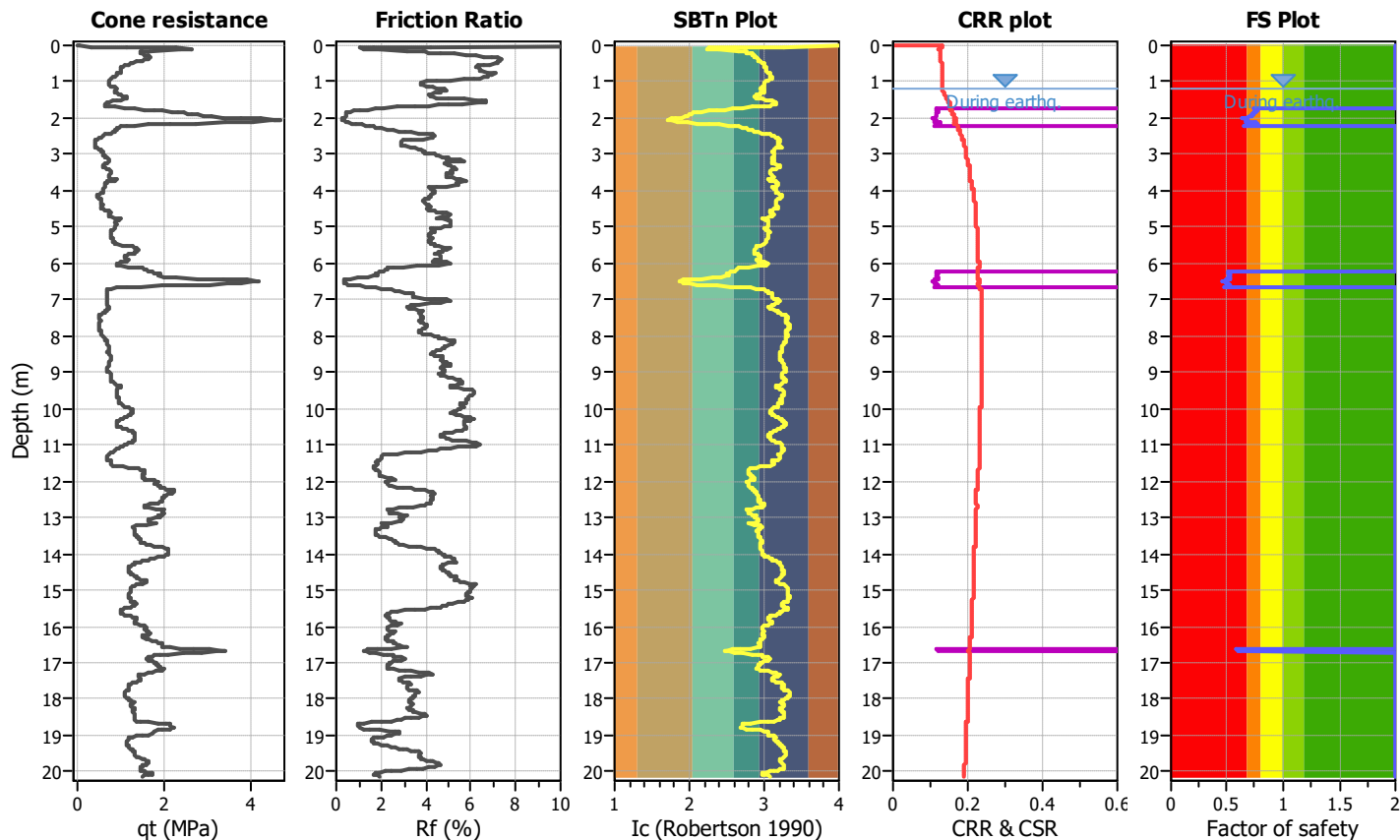
Project title :

Location :

CPT file : Campagnola_cptu1

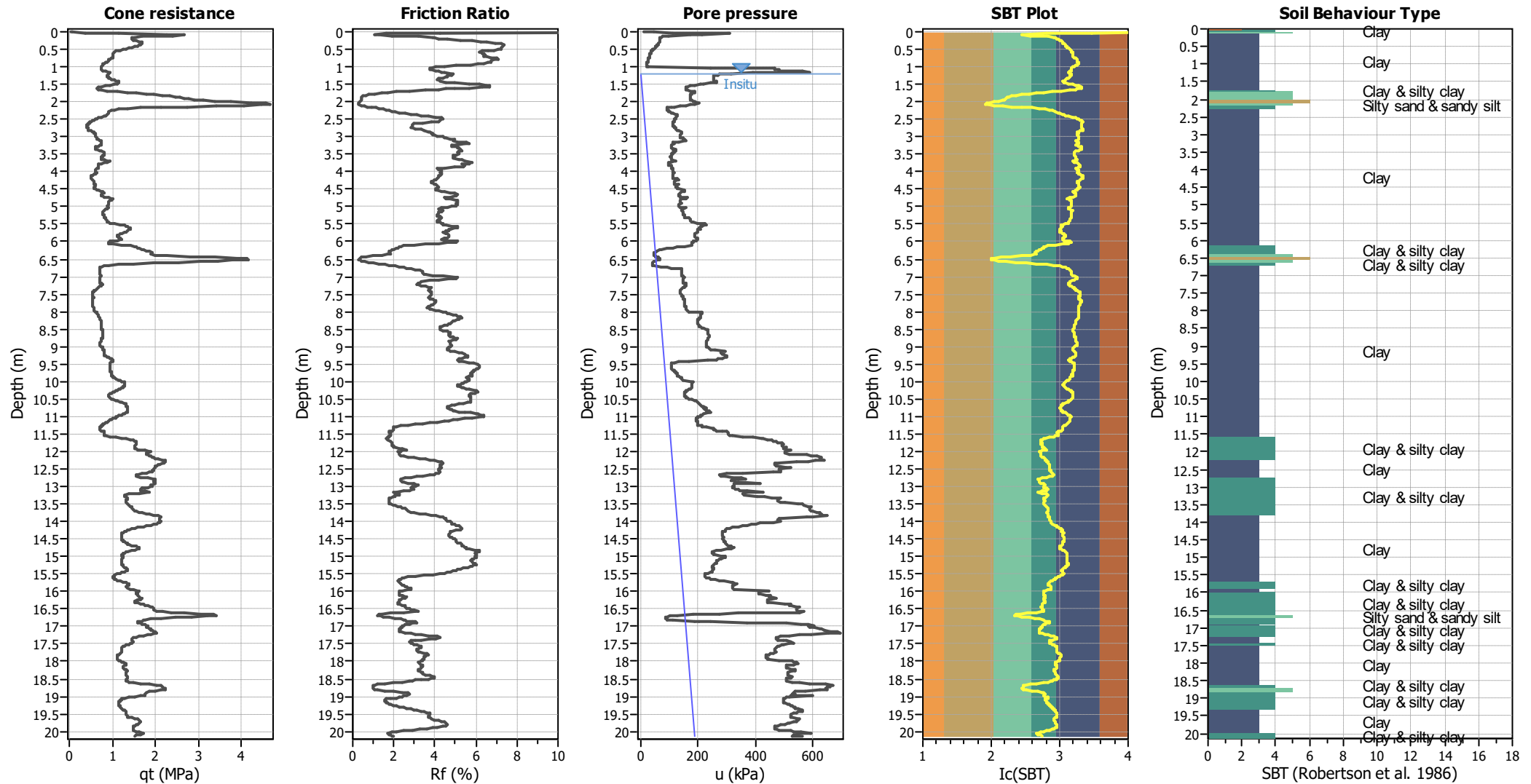
Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.20 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.20 m	Fill height:	N/A	Limit depth applied:	Yes
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	20.00 m
Earthquake magnitude M_w :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method
Peak ground acceleration:	0.20	Unit weight calculation:	Based on SBT	K_g applied:	Yes		



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



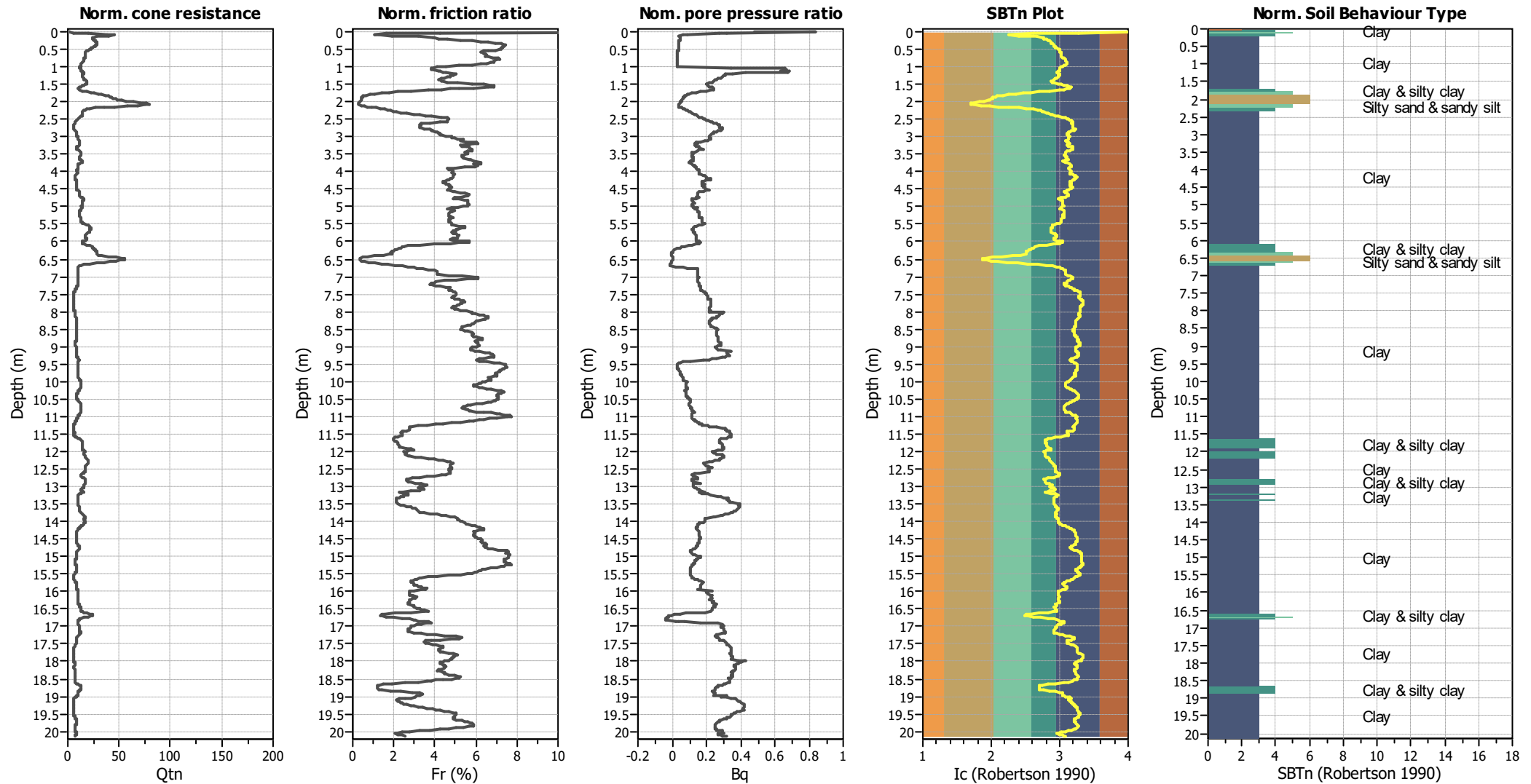
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.20 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K ₀ applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.20 m	Fill height:	N/A	Limit depth:	20.00 m

SBT legend

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

CPT basic interpretation plots (normalized)



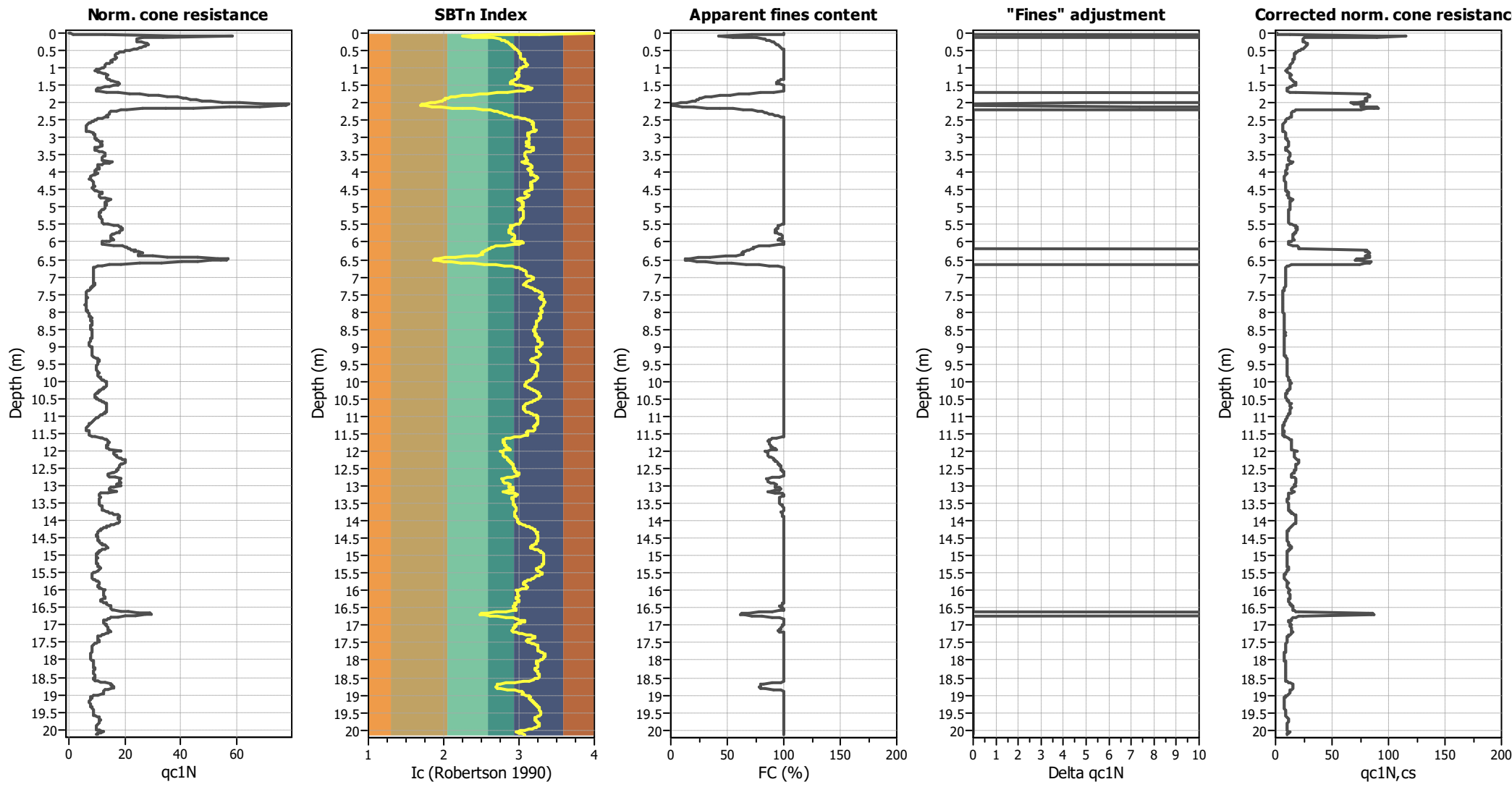
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.20 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _g applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.20 m	Fill height:	N/A	Limit depth:	20.00 m

SBTn legend

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

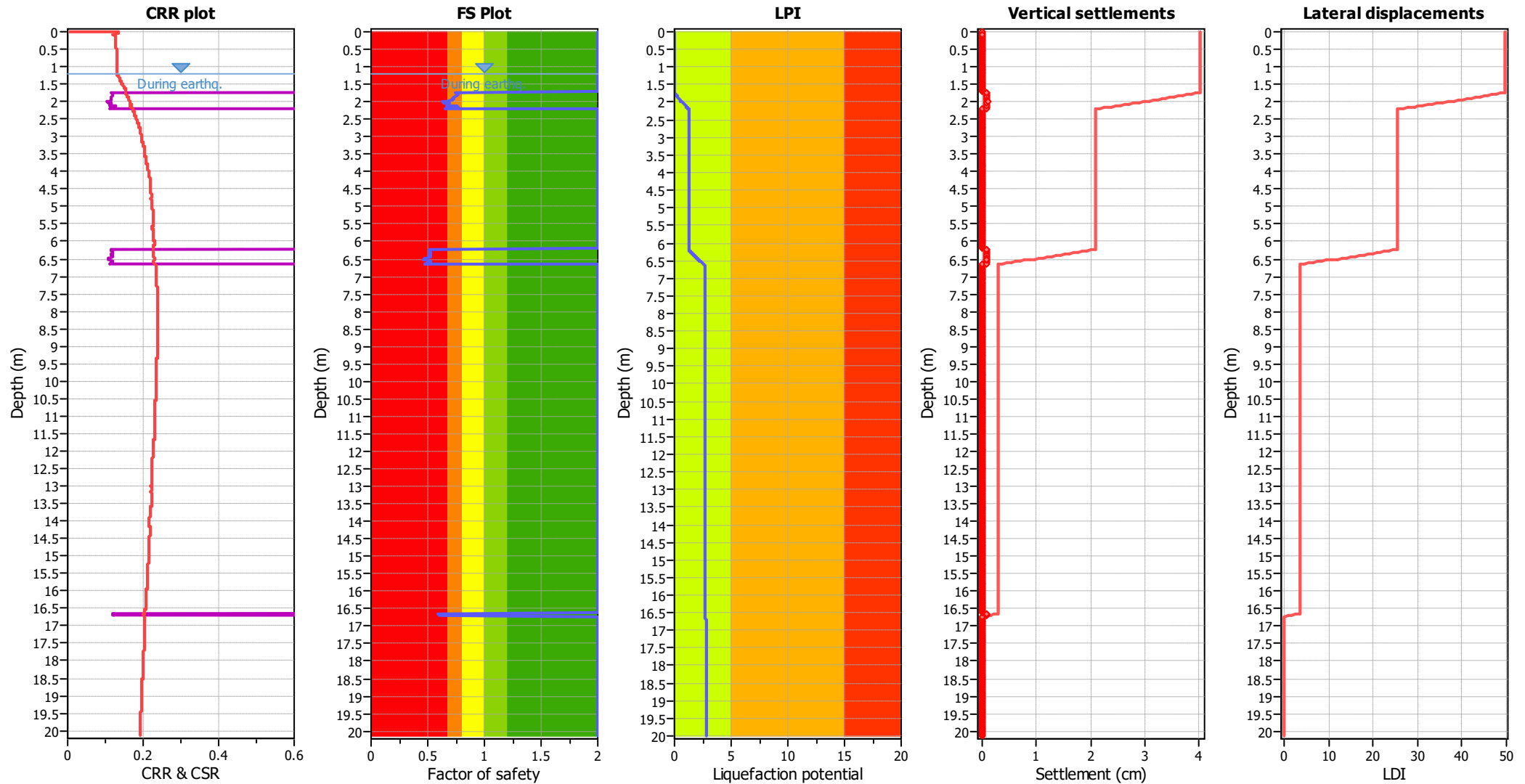
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.20 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _σ applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.20 m	Fill height:	N/A	Limit depth:	20.00 m

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (earthq.):	1.20 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_f applied:	Yes
Earthquake magnitude M_w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.20 m	Fill height:	N/A	Limit depth:	20.00 m

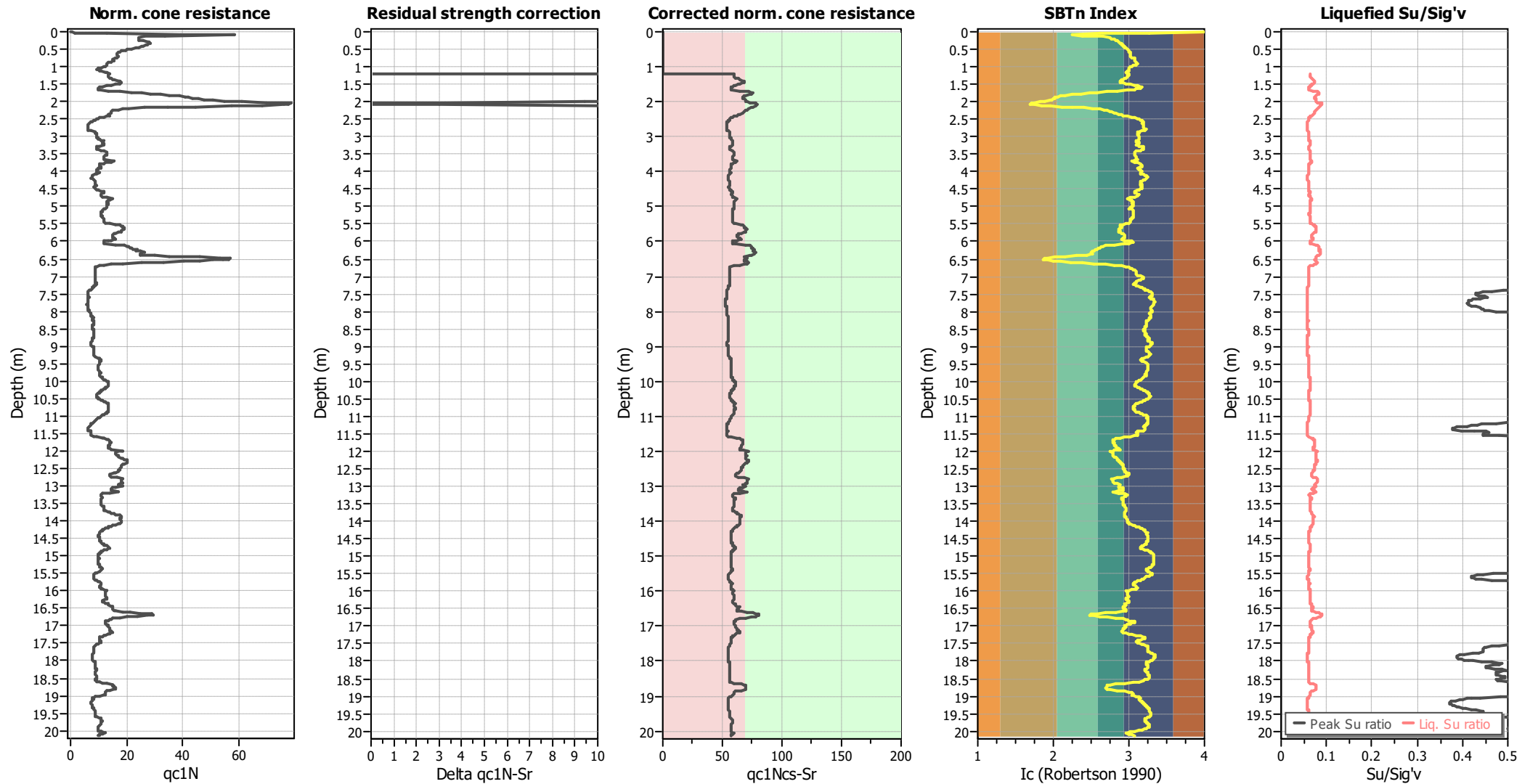
F.S. color scheme

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

LPI color scheme

■	Very high risk
■	High risk
■	Low risk

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



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.20 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _σ applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.20 m	Fill height:	N/A	Limit depth:	20.00 m

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data ::

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
2	0.02	0.29	0.00	0.29	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
3	0.04	0.61	0.00	0.61	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
4	0.06	0.93	0.00	0.93	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
5	0.08	1.27	0.00	1.27	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
6	0.10	1.62	0.00	1.62	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
7	0.12	1.98	0.00	1.98	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
8	0.14	2.33	0.00	2.33	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
9	0.16	2.69	0.00	2.69	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
10	0.18	3.04	0.00	3.04	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
11	0.20	3.40	0.00	3.40	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
12	0.22	3.76	0.00	3.76	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
13	0.24	4.12	0.00	4.12	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
14	0.26	4.49	0.00	4.49	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
15	0.28	4.86	0.00	4.86	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
16	0.30	5.23	0.00	5.23	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
17	0.32	5.61	0.00	5.61	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
18	0.34	5.98	0.00	5.98	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
19	0.36	6.35	0.00	6.35	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
20	0.38	6.73	0.00	6.73	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
21	0.40	7.10	0.00	7.10	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
22	0.42	7.47	0.00	7.47	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
23	0.44	7.84	0.00	7.84	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
24	0.46	8.21	0.00	8.21	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
25	0.48	8.57	0.00	8.57	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
26	0.50	8.94	0.00	8.94	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
27	0.52	9.30	0.00	9.30	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
28	0.54	9.66	0.00	9.66	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
29	0.56	10.02	0.00	10.02	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
30	0.58	10.37	0.00	10.37	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
31	0.60	10.73	0.00	10.73	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
32	0.62	11.08	0.00	11.08	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
33	0.64	11.44	0.00	11.44	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
34	0.66	11.80	0.00	11.80	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
35	0.68	12.15	0.00	12.15	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
36	0.70	12.51	0.00	12.51	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
37	0.72	12.86	0.00	12.86	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
38	0.74	13.22	0.00	13.22	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
39	0.76	13.58	0.00	13.58	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
40	0.78	13.93	0.00	13.93	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
41	0.80	14.29	0.00	14.29	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
42	0.82	14.64	0.00	14.64	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
43	0.84	14.99	0.00	14.99	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
44	0.86	15.35	0.00	15.35	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
45	0.88	15.70	0.00	15.70	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
46	0.90	16.04	0.00	16.04	1.00	0.129	1.43	0.091	1.10	1.20	2.000	No
47	0.92	16.39	0.00	16.39	1.00	0.129	1.43	0.091	1.10	1.20	2.000	No
48	0.94	16.73	0.00	16.73	1.00	0.129	1.43	0.091	1.10	1.20	2.000	No
49	0.96	17.08	0.00	17.08	1.00	0.129	1.43	0.091	1.10	1.20	2.000	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
50	0.98	17.41	0.00	17.41	0.99	0.129	1.43	0.091	1.10	1.20	2.000	No
51	1.00	17.75	0.00	17.75	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
52	1.02	18.08	0.00	18.08	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
53	1.04	18.42	0.00	18.42	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
54	1.06	18.75	0.00	18.75	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
55	1.08	19.08	0.00	19.08	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
56	1.10	19.42	0.00	19.42	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
57	1.12	19.75	0.00	19.75	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
58	1.14	20.09	0.00	20.09	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
59	1.16	20.44	0.00	20.44	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
60	1.18	20.78	0.00	20.78	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
61	1.20	21.13	0.00	21.13	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
62	1.22	21.47	0.20	21.28	0.99	0.130	1.43	0.091	1.10	1.20	0.131	No
63	1.24	21.82	0.39	21.43	0.99	0.131	1.43	0.092	1.10	1.20	0.132	No
64	1.26	22.16	0.59	21.57	0.99	0.132	1.43	0.093	1.10	1.20	0.133	No
65	1.28	22.51	0.78	21.72	0.99	0.133	1.43	0.093	1.10	1.20	0.135	No
66	1.30	22.85	0.98	21.87	0.99	0.134	1.43	0.094	1.10	1.20	0.136	No
67	1.32	23.19	1.18	22.02	0.99	0.136	1.43	0.095	1.10	1.20	0.137	No
68	1.34	23.54	1.37	22.16	0.99	0.137	1.43	0.096	1.10	1.20	0.137	No
69	1.36	23.88	1.57	22.31	0.99	0.138	1.43	0.096	1.10	1.20	0.138	No
70	1.38	24.23	1.77	22.46	0.99	0.139	1.43	0.097	1.10	1.20	0.139	No
71	1.40	24.58	1.96	22.61	0.99	0.140	1.43	0.098	1.10	1.20	0.140	No
72	1.42	24.93	2.16	22.77	0.99	0.141	1.43	0.098	1.10	1.20	0.141	No
73	1.44	25.28	2.35	22.92	0.99	0.142	1.43	0.099	1.10	1.20	0.142	No
74	1.46	25.63	2.55	23.08	0.99	0.143	1.43	0.100	1.10	1.20	0.143	No
75	1.48	25.99	2.75	23.24	0.99	0.144	1.43	0.100	1.10	1.20	0.144	No
76	1.50	26.34	2.94	23.40	0.99	0.144	1.43	0.101	1.10	1.20	0.145	No
77	1.52	26.70	3.14	23.56	0.99	0.145	1.43	0.102	1.10	1.20	0.146	No
78	1.54	27.05	3.34	23.71	0.99	0.146	1.43	0.102	1.10	1.20	0.148	No
79	1.56	27.39	3.53	23.86	0.99	0.147	1.43	0.103	1.10	1.20	0.149	No
80	1.58	27.74	3.73	24.01	0.99	0.148	1.43	0.104	1.10	1.20	0.150	No
81	1.60	28.08	3.92	24.15	0.99	0.149	1.43	0.104	1.10	1.20	0.151	No
82	1.62	28.41	4.12	24.29	0.99	0.150	1.43	0.105	1.10	1.20	0.152	No
83	1.64	28.75	4.32	24.43	0.98	0.151	1.43	0.105	1.10	1.20	0.153	No
84	1.66	29.08	4.51	24.57	0.98	0.151	1.43	0.106	1.10	1.20	0.154	No
85	1.68	29.41	4.71	24.70	0.98	0.152	1.43	0.107	1.10	1.20	0.154	No
86	1.70	29.74	4.91	24.84	0.98	0.153	1.43	0.107	1.10	1.20	0.155	No
87	1.72	30.08	5.10	24.98	0.98	0.154	1.43	0.108	1.10	1.20	0.154	No
88	1.74	30.41	5.30	25.11	0.98	0.155	1.43	0.108	1.10	1.20	0.155	No
89	1.76	30.75	5.49	25.25	0.98	0.156	1.43	0.109	1.10	1.20	0.155	No
90	1.78	31.08	5.69	25.39	0.98	0.156	1.43	0.109	1.10	1.20	0.155	No
91	1.80	31.41	5.89	25.52	0.98	0.157	1.43	0.110	1.10	1.20	0.155	No
92	1.82	31.73	6.08	25.65	0.98	0.158	1.43	0.111	1.10	1.20	0.157	No
93	1.84	32.05	6.28	25.78	0.98	0.159	1.43	0.111	1.10	1.20	0.157	No
94	1.86	32.38	6.47	25.90	0.98	0.159	1.43	0.112	1.10	1.20	0.159	No
95	1.88	32.70	6.67	26.03	0.98	0.160	1.43	0.112	1.10	1.20	0.160	No
96	1.90	33.02	6.87	26.15	0.98	0.161	1.43	0.113	1.10	1.20	0.160	No
97	1.92	33.35	7.06	26.28	0.98	0.162	1.43	0.113	1.10	1.20	0.161	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
98	1.94	33.67	7.26	26.41	0.98	0.162	1.43	0.114	1.10	1.20	0.162	No
99	1.96	34.00	7.46	26.55	0.98	0.163	1.43	0.114	1.10	1.20	0.163	No
100	1.98	34.33	7.65	26.68	0.98	0.164	1.43	0.115	1.10	1.20	0.165	No
101	2.00	34.66	7.85	26.81	0.98	0.165	1.43	0.115	1.10	1.20	0.167	No
102	2.02	34.99	8.04	26.94	0.98	0.165	1.43	0.116	1.10	1.20	0.167	No
103	2.04	35.31	8.24	27.07	0.98	0.166	1.43	0.116	1.10	1.20	0.166	No
104	2.06	35.64	8.44	27.21	0.98	0.167	1.43	0.117	1.10	1.20	0.167	No
105	2.08	35.98	8.63	27.34	0.98	0.167	1.43	0.117	1.10	1.20	0.168	No
106	2.10	36.31	8.83	27.48	0.98	0.168	1.43	0.117	1.10	1.20	0.168	No
107	2.12	36.65	9.03	27.62	0.98	0.168	1.43	0.118	1.10	1.20	0.165	No
108	2.14	36.98	9.22	27.76	0.98	0.169	1.43	0.118	1.10	1.20	0.165	No
109	2.16	37.32	9.42	27.90	0.98	0.170	1.43	0.119	1.10	1.20	0.167	No
110	2.18	37.65	9.61	28.03	0.98	0.170	1.43	0.119	1.10	1.20	0.169	No
111	2.20	37.98	9.81	28.17	0.98	0.171	1.43	0.120	1.10	1.20	0.171	No
112	2.22	38.30	10.01	28.30	0.98	0.172	1.43	0.120	1.10	1.20	0.172	No
113	2.24	38.63	10.20	28.43	0.97	0.172	1.43	0.121	1.10	1.20	0.173	No
114	2.26	38.95	10.40	28.55	0.97	0.173	1.43	0.121	1.10	1.20	0.174	No
115	2.28	39.28	10.59	28.68	0.97	0.173	1.43	0.121	1.10	1.20	0.175	No
116	2.30	39.60	10.79	28.81	0.97	0.174	1.43	0.122	1.10	1.20	0.175	No
117	2.32	39.93	10.99	28.94	0.97	0.175	1.43	0.122	1.10	1.20	0.176	No
118	2.34	40.26	11.18	29.08	0.97	0.175	1.43	0.123	1.10	1.20	0.177	No
119	2.36	40.59	11.38	29.21	0.97	0.176	1.43	0.123	1.10	1.20	0.177	No
120	2.38	40.93	11.58	29.35	0.97	0.176	1.43	0.123	1.10	1.20	0.178	No
121	2.40	41.26	11.77	29.49	0.97	0.177	1.43	0.124	1.10	1.20	0.178	No
122	2.42	41.60	11.97	29.63	0.97	0.177	1.43	0.124	1.10	1.20	0.179	No
123	2.44	41.93	12.16	29.77	0.97	0.178	1.43	0.125	1.10	1.20	0.180	No
124	2.46	42.27	12.36	29.91	0.97	0.178	1.43	0.125	1.10	1.20	0.181	No
125	2.48	42.60	12.56	30.04	0.97	0.179	1.43	0.125	1.10	1.20	0.182	No
126	2.50	42.93	12.75	30.18	0.97	0.179	1.43	0.126	1.10	1.20	0.182	No
127	2.52	43.26	12.95	30.31	0.97	0.180	1.43	0.126	1.10	1.20	0.183	No
128	2.54	43.59	13.15	30.44	0.97	0.181	1.43	0.126	1.10	1.20	0.184	No
129	2.56	43.91	13.34	30.57	0.97	0.181	1.43	0.127	1.10	1.20	0.185	No
130	2.58	44.23	13.54	30.69	0.97	0.182	1.43	0.127	1.09	1.20	0.186	No
131	2.60	44.55	13.73	30.81	0.97	0.182	1.43	0.127	1.09	1.20	0.186	No
132	2.62	44.86	13.93	30.93	0.97	0.183	1.43	0.128	1.09	1.20	0.187	No
133	2.64	45.17	14.13	31.04	0.97	0.183	1.43	0.128	1.09	1.20	0.188	No
134	2.66	45.48	14.32	31.16	0.97	0.184	1.43	0.129	1.09	1.20	0.188	No
135	2.68	45.79	14.52	31.27	0.97	0.184	1.43	0.129	1.09	1.20	0.189	No
136	2.70	46.10	14.71	31.38	0.97	0.185	1.43	0.129	1.09	1.20	0.190	No
137	2.72	46.41	14.91	31.49	0.97	0.185	1.43	0.130	1.09	1.20	0.190	No
138	2.74	46.72	15.11	31.61	0.97	0.186	1.43	0.130	1.09	1.20	0.191	No
139	2.76	47.03	15.30	31.72	0.97	0.186	1.43	0.130	1.09	1.20	0.191	No
140	2.78	47.34	15.50	31.84	0.97	0.187	1.43	0.131	1.09	1.20	0.192	No
141	2.80	47.65	15.70	31.95	0.97	0.187	1.43	0.131	1.09	1.20	0.192	No
142	2.82	47.97	15.89	32.07	0.96	0.188	1.43	0.131	1.09	1.20	0.193	No
143	2.84	48.28	16.09	32.20	0.96	0.188	1.43	0.132	1.09	1.20	0.193	No
144	2.86	48.61	16.28	32.32	0.96	0.188	1.43	0.132	1.09	1.20	0.193	No
145	2.88	48.93	16.48	32.45	0.96	0.189	1.43	0.132	1.09	1.20	0.193	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
146	2.90	49.26	16.68	32.58	0.96	0.189	1.43	0.133	1.09	1.20	0.194	No
147	2.92	49.59	16.87	32.71	0.96	0.190	1.43	0.133	1.09	1.20	0.194	No
148	2.94	49.92	17.07	32.85	0.96	0.190	1.43	0.133	1.09	1.20	0.195	No
149	2.96	50.24	17.27	32.98	0.96	0.191	1.43	0.133	1.09	1.20	0.195	No
150	2.98	50.57	17.46	33.11	0.96	0.191	1.43	0.134	1.09	1.20	0.196	No
151	3.00	50.90	17.66	33.25	0.96	0.191	1.43	0.134	1.09	1.20	0.196	No
152	3.02	51.24	17.85	33.38	0.96	0.192	1.43	0.134	1.09	1.20	0.196	No
153	3.04	51.57	18.05	33.52	0.96	0.192	1.43	0.135	1.09	1.20	0.197	No
154	3.06	51.90	18.25	33.66	0.96	0.193	1.43	0.135	1.09	1.20	0.197	No
155	3.08	52.24	18.44	33.80	0.96	0.193	1.43	0.135	1.09	1.20	0.197	No
156	3.10	52.58	18.64	33.94	0.96	0.193	1.43	0.135	1.09	1.20	0.197	No
157	3.12	52.92	18.84	34.08	0.96	0.194	1.43	0.136	1.09	1.20	0.197	No
158	3.14	53.26	19.03	34.23	0.96	0.194	1.43	0.136	1.09	1.20	0.198	No
159	3.16	53.60	19.23	34.37	0.96	0.194	1.43	0.136	1.09	1.20	0.198	No
160	3.18	53.94	19.42	34.52	0.96	0.195	1.43	0.136	1.09	1.20	0.199	No
161	3.20	54.29	19.62	34.67	0.96	0.195	1.43	0.136	1.09	1.20	0.199	No
162	3.22	54.63	19.82	34.81	0.96	0.195	1.43	0.137	1.09	1.20	0.200	No
163	3.24	54.96	20.01	34.95	0.96	0.196	1.43	0.137	1.09	1.20	0.200	No
164	3.26	55.30	20.21	35.09	0.96	0.196	1.43	0.137	1.09	1.20	0.201	No
165	3.28	55.64	20.40	35.23	0.96	0.196	1.43	0.137	1.09	1.20	0.202	No
166	3.30	55.97	20.60	35.37	0.96	0.197	1.43	0.138	1.09	1.20	0.202	No
167	3.32	56.30	20.80	35.51	0.96	0.197	1.43	0.138	1.09	1.20	0.203	No
168	3.34	56.64	20.99	35.64	0.96	0.197	1.43	0.138	1.08	1.20	0.203	No
169	3.36	56.97	21.19	35.78	0.95	0.198	1.43	0.138	1.08	1.20	0.203	No
170	3.38	57.31	21.39	35.92	0.95	0.198	1.43	0.139	1.08	1.20	0.204	No
171	3.40	57.65	21.58	36.07	0.95	0.198	1.43	0.139	1.09	1.20	0.203	No
172	3.42	57.99	21.78	36.21	0.95	0.199	1.43	0.139	1.09	1.20	0.203	No
173	3.44	58.33	21.97	36.36	0.95	0.199	1.43	0.139	1.09	1.20	0.203	No
174	3.46	58.68	22.17	36.51	0.95	0.199	1.43	0.139	1.09	1.20	0.203	No
175	3.48	59.02	22.37	36.65	0.95	0.199	1.43	0.140	1.09	1.20	0.204	No
176	3.50	59.36	22.56	36.80	0.95	0.200	1.43	0.140	1.09	1.20	0.204	No
177	3.52	59.71	22.76	36.95	0.95	0.200	1.43	0.140	1.09	1.20	0.205	No
178	3.54	60.05	22.96	37.09	0.95	0.200	1.43	0.140	1.08	1.20	0.205	No
179	3.56	60.39	23.15	37.24	0.95	0.201	1.43	0.140	1.08	1.20	0.206	No
180	3.58	60.73	23.35	37.38	0.95	0.201	1.43	0.141	1.08	1.20	0.206	No
181	3.60	61.07	23.54	37.52	0.95	0.201	1.43	0.141	1.08	1.20	0.207	No
182	3.62	61.41	23.74	37.67	0.95	0.201	1.43	0.141	1.08	1.20	0.207	No
183	3.64	61.75	23.94	37.81	0.95	0.202	1.43	0.141	1.08	1.20	0.207	No
184	3.66	62.09	24.13	37.96	0.95	0.202	1.43	0.141	1.08	1.20	0.208	No
185	3.68	62.44	24.33	38.11	0.95	0.202	1.43	0.141	1.08	1.20	0.206	No
186	3.70	62.79	24.52	38.26	0.95	0.202	1.43	0.142	1.08	1.20	0.206	No
187	3.72	63.14	24.72	38.42	0.95	0.203	1.43	0.142	1.08	1.20	0.207	No
188	3.74	63.48	24.92	38.57	0.95	0.203	1.43	0.142	1.08	1.20	0.208	No
189	3.76	63.83	25.11	38.71	0.95	0.203	1.43	0.142	1.08	1.20	0.209	No
190	3.78	64.17	25.31	38.86	0.95	0.203	1.43	0.142	1.08	1.20	0.210	No
191	3.80	64.50	25.51	39.00	0.95	0.204	1.43	0.142	1.08	1.20	0.210	No
192	3.82	64.84	25.70	39.14	0.95	0.204	1.43	0.143	1.08	1.20	0.211	No
193	3.84	65.18	25.90	39.28	0.95	0.204	1.43	0.143	1.08	1.20	0.211	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
194	3.86	65.52	26.09	39.43	0.95	0.204	1.43	0.143	1.08	1.20	0.211	No
195	3.88	65.86	26.29	39.57	0.94	0.204	1.43	0.143	1.08	1.20	0.211	No
196	3.90	66.19	26.49	39.70	0.94	0.205	1.43	0.143	1.08	1.20	0.212	No
197	3.92	66.52	26.68	39.84	0.94	0.205	1.43	0.143	1.08	1.20	0.212	No
198	3.94	66.85	26.88	39.97	0.94	0.205	1.43	0.144	1.08	1.20	0.213	No
199	3.96	67.18	27.08	40.11	0.94	0.205	1.43	0.144	1.08	1.20	0.213	No
200	3.98	67.51	27.27	40.24	0.94	0.206	1.43	0.144	1.08	1.20	0.214	No
201	4.00	67.84	27.47	40.38	0.94	0.206	1.43	0.144	1.07	1.20	0.214	No
202	4.02	68.18	27.66	40.51	0.94	0.206	1.43	0.144	1.07	1.20	0.214	No
203	4.04	68.51	27.86	40.65	0.94	0.206	1.43	0.144	1.08	1.20	0.214	No
204	4.06	68.84	28.06	40.78	0.94	0.207	1.43	0.145	1.07	1.20	0.215	No
205	4.08	69.17	28.25	40.91	0.94	0.207	1.43	0.145	1.07	1.20	0.215	No
206	4.10	69.49	28.45	41.04	0.94	0.207	1.43	0.145	1.07	1.20	0.216	No
207	4.12	69.82	28.65	41.17	0.94	0.207	1.43	0.145	1.07	1.20	0.216	No
208	4.14	70.14	28.84	41.30	0.94	0.207	1.43	0.145	1.07	1.20	0.217	No
209	4.16	70.46	29.04	41.43	0.94	0.208	1.43	0.145	1.07	1.20	0.217	No
210	4.18	70.79	29.23	41.55	0.94	0.208	1.43	0.146	1.07	1.20	0.217	No
211	4.20	71.11	29.43	41.68	0.94	0.208	1.43	0.146	1.07	1.20	0.217	No
212	4.22	71.44	29.63	41.81	0.94	0.208	1.43	0.146	1.07	1.20	0.218	No
213	4.24	71.76	29.82	41.94	0.94	0.209	1.43	0.146	1.07	1.20	0.218	No
214	4.26	72.09	30.02	42.07	0.94	0.209	1.43	0.146	1.07	1.20	0.218	No
215	4.28	72.41	30.21	42.20	0.94	0.209	1.43	0.146	1.07	1.20	0.218	No
216	4.30	72.74	30.41	42.33	0.94	0.209	1.43	0.146	1.07	1.20	0.218	No
217	4.32	73.07	30.61	42.46	0.94	0.209	1.43	0.147	1.07	1.20	0.219	No
218	4.34	73.39	30.80	42.59	0.94	0.210	1.43	0.147	1.07	1.20	0.219	No
219	4.36	73.72	31.00	42.72	0.94	0.210	1.43	0.147	1.07	1.20	0.219	No
220	4.38	74.05	31.20	42.85	0.93	0.210	1.43	0.147	1.07	1.20	0.219	No
221	4.40	74.38	31.39	42.99	0.93	0.210	1.43	0.147	1.07	1.20	0.219	No
222	4.42	74.71	31.59	43.12	0.93	0.210	1.43	0.147	1.07	1.20	0.220	No
223	4.44	75.04	31.78	43.25	0.93	0.211	1.43	0.147	1.07	1.20	0.220	No
224	4.46	75.36	31.98	43.38	0.93	0.211	1.43	0.148	1.07	1.20	0.221	No
225	4.48	75.69	32.18	43.51	0.93	0.211	1.43	0.148	1.07	1.20	0.221	No
226	4.50	76.02	32.37	43.65	0.93	0.211	1.43	0.148	1.07	1.20	0.221	No
227	4.52	76.35	32.57	43.78	0.93	0.211	1.43	0.148	1.07	1.20	0.221	No
228	4.54	76.68	32.77	43.92	0.93	0.211	1.43	0.148	1.07	1.20	0.221	No
229	4.56	77.02	32.96	44.06	0.93	0.212	1.43	0.148	1.07	1.20	0.221	No
230	4.58	77.36	33.16	44.20	0.93	0.212	1.43	0.148	1.07	1.20	0.220	No
231	4.60	77.70	33.35	44.35	0.93	0.212	1.43	0.148	1.07	1.20	0.220	No
232	4.62	78.04	33.55	44.49	0.93	0.212	1.43	0.148	1.07	1.20	0.221	No
233	4.64	78.38	33.75	44.64	0.93	0.212	1.43	0.149	1.07	1.20	0.221	No
234	4.66	78.72	33.94	44.78	0.93	0.212	1.43	0.149	1.07	1.20	0.222	No
235	4.68	79.06	34.14	44.93	0.93	0.213	1.43	0.149	1.07	1.20	0.222	No
236	4.70	79.41	34.34	45.07	0.93	0.213	1.43	0.149	1.07	1.20	0.222	No
237	4.72	79.75	34.53	45.22	0.93	0.213	1.43	0.149	1.07	1.20	0.222	No
238	4.74	80.09	34.73	45.36	0.93	0.213	1.43	0.149	1.07	1.20	0.221	No
239	4.76	80.44	34.92	45.51	0.93	0.213	1.43	0.149	1.07	1.20	0.220	No
240	4.78	80.79	35.12	45.67	0.93	0.213	1.43	0.149	1.07	1.20	0.220	No
241	4.80	81.13	35.32	45.82	0.93	0.213	1.43	0.149	1.07	1.20	0.221	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
242	4.82	81.48	35.51	45.97	0.93	0.213	1.43	0.149	1.07	1.20	0.222	No
243	4.84	81.83	35.71	46.12	0.93	0.213	1.43	0.149	1.07	1.20	0.222	No
244	4.86	82.18	35.90	46.27	0.93	0.214	1.43	0.150	1.07	1.20	0.222	No
245	4.88	82.52	36.10	46.42	0.92	0.214	1.43	0.150	1.07	1.20	0.222	No
246	4.90	82.87	36.30	46.57	0.92	0.214	1.43	0.150	1.07	1.20	0.223	No
247	4.92	83.22	36.49	46.72	0.92	0.214	1.43	0.150	1.07	1.20	0.223	No
248	4.94	83.56	36.69	46.87	0.92	0.214	1.43	0.150	1.07	1.20	0.223	No
249	4.96	83.91	36.89	47.02	0.92	0.214	1.43	0.150	1.06	1.20	0.223	No
250	4.98	84.26	37.08	47.17	0.92	0.214	1.43	0.150	1.06	1.20	0.223	No
251	5.00	84.60	37.28	47.32	0.92	0.214	1.43	0.150	1.06	1.20	0.224	No
252	5.02	84.95	37.47	47.47	0.92	0.214	1.43	0.150	1.06	1.20	0.224	No
253	5.04	85.29	37.67	47.62	0.92	0.215	1.43	0.150	1.06	1.20	0.224	No
254	5.06	85.63	37.87	47.76	0.92	0.215	1.43	0.150	1.06	1.20	0.224	No
255	5.08	85.97	38.06	47.91	0.92	0.215	1.43	0.150	1.06	1.20	0.225	No
256	5.10	86.31	38.26	48.05	0.92	0.215	1.43	0.150	1.06	1.20	0.225	No
257	5.12	86.65	38.46	48.19	0.92	0.215	1.43	0.150	1.06	1.20	0.225	No
258	5.14	86.99	38.65	48.34	0.92	0.215	1.43	0.151	1.06	1.20	0.226	No
259	5.16	87.33	38.85	48.48	0.92	0.215	1.43	0.151	1.06	1.20	0.226	No
260	5.18	87.66	39.04	48.62	0.92	0.215	1.43	0.151	1.06	1.20	0.226	No
261	5.20	88.00	39.24	48.76	0.92	0.215	1.43	0.151	1.06	1.20	0.226	No
262	5.22	88.34	39.44	48.90	0.92	0.215	1.43	0.151	1.06	1.20	0.226	No
263	5.24	88.68	39.63	49.05	0.92	0.216	1.43	0.151	1.06	1.20	0.226	No
264	5.26	89.02	39.83	49.19	0.92	0.216	1.43	0.151	1.06	1.20	0.227	No
265	5.28	89.36	40.02	49.33	0.92	0.216	1.43	0.151	1.06	1.20	0.227	No
266	5.30	89.69	40.22	49.47	0.92	0.216	1.43	0.151	1.06	1.20	0.227	No
267	5.32	90.04	40.42	49.62	0.92	0.216	1.43	0.151	1.06	1.20	0.227	No
268	5.34	90.38	40.61	49.76	0.92	0.216	1.43	0.151	1.06	1.20	0.227	No
269	5.36	90.72	40.81	49.91	0.91	0.216	1.43	0.151	1.06	1.20	0.227	No
270	5.38	91.06	41.01	50.05	0.91	0.216	1.43	0.151	1.06	1.20	0.227	No
271	5.40	91.40	41.20	50.20	0.91	0.216	1.43	0.151	1.06	1.20	0.227	No
272	5.42	91.74	41.40	50.34	0.91	0.216	1.43	0.151	1.06	1.20	0.227	No
273	5.44	92.08	41.59	50.48	0.91	0.216	1.43	0.152	1.06	1.20	0.227	No
274	5.46	92.42	41.79	50.63	0.91	0.217	1.43	0.152	1.06	1.20	0.228	No
275	5.48	92.77	41.99	50.78	0.91	0.217	1.43	0.152	1.06	1.20	0.227	No
276	5.50	93.11	42.18	50.93	0.91	0.217	1.43	0.152	1.06	1.20	0.227	No
277	5.52	93.47	42.38	51.09	0.91	0.217	1.43	0.152	1.06	1.20	0.226	No
278	5.54	93.82	42.58	51.24	0.91	0.217	1.43	0.152	1.06	1.20	0.225	No
279	5.56	94.18	42.77	51.41	0.91	0.217	1.43	0.152	1.06	1.20	0.225	No
280	5.58	94.54	42.97	51.57	0.91	0.217	1.43	0.152	1.06	1.20	0.225	No
281	5.60	94.90	43.16	51.73	0.91	0.217	1.43	0.152	1.06	1.20	0.225	No
282	5.62	95.26	43.36	51.90	0.91	0.217	1.43	0.152	1.06	1.20	0.225	No
283	5.64	95.62	43.56	52.06	0.91	0.217	1.43	0.152	1.06	1.20	0.225	No
284	5.66	95.97	43.75	52.22	0.91	0.217	1.43	0.152	1.06	1.20	0.225	No
285	5.68	96.33	43.95	52.38	0.91	0.217	1.43	0.152	1.06	1.20	0.226	No
286	5.70	96.69	44.15	52.54	0.91	0.217	1.43	0.152	1.06	1.20	0.226	No
287	5.72	97.04	44.34	52.70	0.91	0.217	1.43	0.152	1.06	1.20	0.226	No
288	5.74	97.40	44.54	52.86	0.91	0.217	1.43	0.152	1.06	1.20	0.226	No
289	5.76	97.75	44.73	53.02	0.91	0.217	1.43	0.152	1.06	1.20	0.227	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
290	5.78	98.10	44.93	53.18	0.91	0.217	1.43	0.152	1.06	1.20	0.227	No
291	5.80	98.46	45.13	53.33	0.91	0.217	1.43	0.152	1.06	1.20	0.228	No
292	5.82	98.81	45.32	53.49	0.90	0.217	1.43	0.152	1.06	1.20	0.228	No
293	5.84	99.16	45.52	53.64	0.90	0.217	1.43	0.152	1.05	1.20	0.228	No
294	5.86	99.51	45.71	53.80	0.90	0.217	1.43	0.152	1.05	1.20	0.228	No
295	5.88	99.86	45.91	53.95	0.90	0.217	1.43	0.152	1.05	1.20	0.228	No
296	5.90	100.22	46.11	54.11	0.90	0.217	1.43	0.152	1.05	1.20	0.228	No
297	5.92	100.57	46.30	54.27	0.90	0.217	1.43	0.152	1.05	1.20	0.228	No
298	5.94	100.92	46.50	54.42	0.90	0.217	1.43	0.152	1.05	1.20	0.228	No
299	5.96	101.27	46.70	54.57	0.90	0.217	1.43	0.152	1.05	1.20	0.229	No
300	5.98	101.62	46.89	54.73	0.90	0.218	1.43	0.152	1.05	1.20	0.229	No
301	6.00	101.97	47.09	54.88	0.90	0.218	1.43	0.152	1.05	1.20	0.230	No
302	6.02	102.32	47.28	55.03	0.90	0.218	1.43	0.152	1.05	1.20	0.230	No
303	6.04	102.66	47.48	55.18	0.90	0.218	1.43	0.152	1.05	1.20	0.230	No
304	6.06	103.00	47.68	55.33	0.90	0.218	1.43	0.152	1.05	1.20	0.230	No
305	6.08	103.35	47.87	55.47	0.90	0.218	1.43	0.152	1.05	1.20	0.231	No
306	6.10	103.69	48.07	55.62	0.90	0.218	1.43	0.152	1.05	1.20	0.229	No
307	6.12	104.03	48.27	55.77	0.90	0.218	1.43	0.152	1.05	1.20	0.228	No
308	6.14	104.38	48.46	55.92	0.90	0.218	1.43	0.152	1.05	1.20	0.227	No
309	6.16	104.72	48.66	56.06	0.90	0.218	1.43	0.152	1.05	1.20	0.227	No
310	6.18	105.07	48.85	56.21	0.90	0.218	1.43	0.153	1.05	1.20	0.227	No
311	6.20	105.41	49.05	56.36	0.90	0.218	1.43	0.153	1.05	1.20	0.227	No
312	6.22	105.76	49.25	56.51	0.90	0.218	1.43	0.153	1.05	1.20	0.227	No
313	6.24	106.10	49.44	56.66	0.90	0.218	1.43	0.153	1.05	1.20	0.227	No
314	6.26	106.45	49.64	56.81	0.89	0.218	1.43	0.153	1.05	1.20	0.227	No
315	6.28	106.79	49.83	56.96	0.89	0.218	1.43	0.153	1.05	1.20	0.226	No
316	6.30	107.14	50.03	57.11	0.89	0.218	1.43	0.153	1.05	1.20	0.226	No
317	6.32	107.48	50.23	57.26	0.89	0.218	1.43	0.153	1.05	1.20	0.226	No
318	6.34	107.83	50.42	57.41	0.89	0.218	1.43	0.153	1.05	1.20	0.226	No
319	6.36	108.17	50.62	57.55	0.89	0.218	1.43	0.153	1.05	1.20	0.227	No
320	6.38	108.51	50.82	57.70	0.89	0.218	1.43	0.153	1.05	1.20	0.227	No
321	6.40	108.85	51.01	57.84	0.89	0.218	1.43	0.153	1.05	1.20	0.226	No
322	6.42	109.19	51.21	57.98	0.89	0.218	1.43	0.153	1.05	1.20	0.227	No
323	6.44	109.52	51.40	58.11	0.89	0.218	1.43	0.153	1.05	1.20	0.226	No
324	6.46	109.85	51.60	58.25	0.89	0.218	1.43	0.153	1.05	1.20	0.229	No
325	6.48	110.18	51.80	58.38	0.89	0.218	1.43	0.153	1.05	1.20	0.231	No
326	6.50	110.51	51.99	58.52	0.89	0.218	1.43	0.153	1.05	1.20	0.232	No
327	6.52	110.84	52.19	58.65	0.89	0.218	1.43	0.153	1.05	1.20	0.231	No
328	6.54	111.17	52.39	58.78	0.89	0.218	1.43	0.153	1.05	1.20	0.230	No
329	6.56	111.50	52.58	58.92	0.89	0.219	1.43	0.153	1.05	1.20	0.228	No
330	6.58	111.83	52.78	59.06	0.89	0.219	1.43	0.153	1.05	1.20	0.226	No
331	6.60	112.17	52.97	59.20	0.89	0.219	1.43	0.153	1.05	1.20	0.227	No
332	6.62	112.50	53.17	59.33	0.89	0.219	1.43	0.153	1.05	1.20	0.229	No
333	6.64	112.83	53.37	59.47	0.89	0.219	1.43	0.153	1.05	1.20	0.231	No
334	6.66	113.16	53.56	59.60	0.89	0.219	1.43	0.153	1.04	1.20	0.233	No
335	6.68	113.48	53.76	59.72	0.89	0.219	1.43	0.153	1.04	1.20	0.233	No
336	6.70	113.81	53.95	59.85	0.89	0.219	1.43	0.153	1.04	1.20	0.234	No
337	6.72	114.13	54.15	59.98	0.88	0.219	1.43	0.153	1.04	1.20	0.234	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
338	6.74	114.45	54.35	60.10	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
339	6.76	114.77	54.54	60.23	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
340	6.78	115.10	54.74	60.36	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
341	6.80	115.43	54.94	60.49	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
342	6.82	115.76	55.13	60.62	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
343	6.84	116.09	55.33	60.76	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
344	6.86	116.42	55.52	60.89	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
345	6.88	116.75	55.72	61.02	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
346	6.90	117.08	55.92	61.16	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
347	6.92	117.41	56.11	61.29	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
348	6.94	117.74	56.31	61.43	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
349	6.96	118.07	56.51	61.57	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
350	6.98	118.41	56.70	61.71	0.88	0.219	1.43	0.153	1.04	1.20	0.235	No
351	7.00	118.75	56.90	61.85	0.88	0.219	1.43	0.153	1.04	1.20	0.236	No
352	7.02	119.09	57.09	61.99	0.88	0.219	1.43	0.153	1.04	1.20	0.236	No
353	7.04	119.43	57.29	62.13	0.88	0.219	1.43	0.153	1.04	1.20	0.236	No
354	7.06	119.76	57.49	62.28	0.88	0.219	1.43	0.153	1.04	1.20	0.236	No
355	7.08	120.10	57.68	62.42	0.88	0.219	1.43	0.153	1.04	1.20	0.236	No
356	7.10	120.44	57.88	62.56	0.88	0.219	1.43	0.153	1.04	1.20	0.236	No
357	7.12	120.77	58.08	62.69	0.88	0.219	1.43	0.153	1.04	1.20	0.236	No
358	7.14	121.10	58.27	62.83	0.88	0.219	1.43	0.153	1.04	1.20	0.236	No
359	7.17	121.59	58.57	63.03	0.87	0.219	1.43	0.154	1.04	1.20	0.236	No
360	7.18	121.76	58.66	63.09	0.87	0.219	1.43	0.154	1.04	1.20	0.236	No
361	7.20	122.09	58.86	63.23	0.87	0.219	1.43	0.154	1.04	1.20	0.236	No
362	7.22	122.42	59.06	63.36	0.87	0.219	1.43	0.154	1.04	1.20	0.236	No
363	7.24	122.75	59.25	63.50	0.87	0.219	1.43	0.154	1.04	1.20	0.236	No
364	7.26	123.08	59.45	63.63	0.87	0.219	1.43	0.154	1.04	1.20	0.236	No
365	7.28	123.41	59.64	63.76	0.87	0.219	1.43	0.154	1.04	1.20	0.236	No
366	7.30	123.74	59.84	63.90	0.87	0.219	1.43	0.154	1.04	1.20	0.237	No
367	7.32	124.07	60.04	64.03	0.87	0.219	1.43	0.154	1.04	1.20	0.237	No
368	7.34	124.40	60.23	64.17	0.87	0.219	1.43	0.154	1.04	1.20	0.237	No
369	7.36	124.73	60.43	64.30	0.87	0.219	1.43	0.154	1.04	1.20	0.237	No
370	7.38	125.06	60.63	64.43	0.87	0.219	1.43	0.154	1.04	1.20	0.237	No
371	7.40	125.38	60.82	64.56	0.87	0.219	1.43	0.154	1.04	1.20	0.237	No
372	7.42	125.71	61.02	64.69	0.87	0.219	1.43	0.154	1.04	1.20	0.238	No
373	7.44	126.03	61.21	64.82	0.87	0.219	1.43	0.154	1.04	1.20	0.238	No
374	7.46	126.35	61.41	64.94	0.87	0.219	1.43	0.154	1.03	1.20	0.238	No
375	7.48	126.68	61.61	65.07	0.87	0.220	1.43	0.154	1.03	1.20	0.238	No
376	7.50	127.00	61.80	65.20	0.87	0.220	1.43	0.154	1.03	1.20	0.238	No
377	7.52	127.32	62.00	65.32	0.87	0.220	1.43	0.154	1.03	1.20	0.238	No
378	7.54	127.65	62.20	65.45	0.87	0.220	1.43	0.154	1.03	1.20	0.238	No
379	7.56	127.97	62.39	65.58	0.87	0.220	1.43	0.154	1.03	1.20	0.238	No
380	7.58	128.30	62.59	65.71	0.87	0.220	1.43	0.154	1.03	1.20	0.238	No
381	7.60	128.62	62.78	65.84	0.86	0.220	1.43	0.154	1.03	1.20	0.238	No
382	7.62	128.94	62.98	65.96	0.86	0.220	1.43	0.154	1.03	1.20	0.238	No
383	7.64	129.27	63.18	66.09	0.86	0.220	1.43	0.154	1.03	1.20	0.238	No
384	7.66	129.59	63.37	66.22	0.86	0.220	1.43	0.154	1.03	1.20	0.238	No
385	7.68	129.92	63.57	66.35	0.86	0.220	1.43	0.154	1.03	1.20	0.238	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
386	7.70	130.24	63.77	66.48	0.86	0.220	1.43	0.154	1.03	1.20	0.238	No
387	7.72	130.57	63.96	66.60	0.86	0.220	1.43	0.154	1.03	1.20	0.238	No
388	7.74	130.89	64.16	66.73	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
389	7.76	131.21	64.35	66.86	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
390	7.78	131.54	64.55	66.99	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
391	7.80	131.86	64.75	67.12	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
392	7.82	132.19	64.94	67.24	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
393	7.84	132.51	65.14	67.37	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
394	7.86	132.83	65.33	67.50	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
395	7.88	133.16	65.53	67.63	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
396	7.90	133.48	65.73	67.76	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
397	7.92	133.81	65.92	67.88	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
398	7.94	134.13	66.12	68.01	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
399	7.96	134.46	66.32	68.14	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
400	7.98	134.79	66.51	68.28	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
401	8.00	135.12	66.71	68.41	0.86	0.220	1.43	0.154	1.03	1.20	0.239	No
402	8.02	135.45	66.90	68.55	0.85	0.220	1.43	0.154	1.03	1.20	0.239	No
403	8.04	135.79	67.10	68.69	0.85	0.220	1.43	0.154	1.03	1.20	0.239	No
404	8.06	136.12	67.30	68.82	0.85	0.220	1.43	0.154	1.03	1.20	0.238	No
405	8.08	136.46	67.49	68.96	0.85	0.220	1.43	0.154	1.03	1.20	0.239	No
406	8.10	136.79	67.69	69.10	0.85	0.219	1.43	0.154	1.03	1.20	0.239	No
407	8.12	137.13	67.89	69.25	0.85	0.219	1.43	0.154	1.03	1.20	0.238	No
408	8.14	137.47	68.08	69.39	0.85	0.219	1.43	0.154	1.03	1.20	0.238	No
409	8.16	137.81	68.28	69.53	0.85	0.219	1.43	0.154	1.03	1.20	0.238	No
410	8.18	138.15	68.47	69.68	0.85	0.219	1.43	0.154	1.03	1.20	0.238	No
411	8.20	138.49	68.67	69.82	0.85	0.219	1.43	0.154	1.03	1.20	0.238	No
412	8.22	138.83	68.87	69.96	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
413	8.24	139.17	69.06	70.11	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
414	8.26	139.51	69.26	70.25	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
415	8.28	139.85	69.45	70.39	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
416	8.30	140.19	69.65	70.54	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
417	8.32	140.53	69.85	70.68	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
418	8.34	140.87	70.04	70.82	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
419	8.36	141.21	70.24	70.97	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
420	8.38	141.54	70.44	71.11	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
421	8.40	141.88	70.63	71.25	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
422	8.42	142.22	70.83	71.39	0.85	0.219	1.43	0.153	1.03	1.20	0.238	No
423	8.44	142.55	71.02	71.53	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
424	8.46	142.89	71.22	71.67	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
425	8.48	143.23	71.42	71.81	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
426	8.50	143.56	71.61	71.95	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
427	8.52	143.90	71.81	72.09	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
428	8.54	144.24	72.01	72.23	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
429	8.56	144.58	72.20	72.38	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
430	8.58	144.92	72.40	72.52	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
431	8.60	145.26	72.59	72.67	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
432	8.62	145.60	72.79	72.81	0.84	0.219	1.43	0.153	1.03	1.20	0.238	No
433	8.64	145.94	72.99	72.96	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
434	8.66	146.28	73.18	73.10	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No
435	8.68	146.62	73.38	73.24	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No
436	8.70	146.96	73.58	73.39	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No
437	8.72	147.30	73.77	73.53	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No
438	8.74	147.64	73.97	73.68	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No
439	8.76	147.98	74.16	73.82	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No
440	8.78	148.33	74.36	73.97	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No
441	8.80	148.67	74.56	74.11	0.84	0.218	1.43	0.153	1.03	1.20	0.238	No
442	8.82	149.01	74.75	74.25	0.84	0.218	1.43	0.153	1.02	1.20	0.238	No
443	8.84	149.35	74.95	74.40	0.84	0.218	1.43	0.153	1.02	1.20	0.238	No
444	8.86	149.68	75.14	74.54	0.83	0.218	1.43	0.153	1.02	1.20	0.238	No
445	8.88	150.02	75.34	74.68	0.83	0.218	1.43	0.153	1.02	1.20	0.238	No
446	8.90	150.36	75.54	74.82	0.83	0.218	1.43	0.153	1.02	1.20	0.238	No
447	8.92	150.69	75.73	74.96	0.83	0.218	1.43	0.152	1.02	1.20	0.238	No
448	8.94	151.03	75.93	75.10	0.83	0.218	1.43	0.152	1.02	1.20	0.238	No
449	8.96	151.37	76.13	75.24	0.83	0.218	1.43	0.152	1.02	1.20	0.238	No
450	8.98	151.71	76.32	75.39	0.83	0.218	1.43	0.152	1.02	1.20	0.238	No
451	9.00	152.05	76.52	75.53	0.83	0.218	1.43	0.152	1.02	1.20	0.238	No
452	9.02	152.39	76.71	75.67	0.83	0.218	1.43	0.152	1.02	1.20	0.238	No
453	9.04	152.73	76.91	75.82	0.83	0.218	1.43	0.152	1.02	1.20	0.238	No
454	9.06	153.07	77.11	75.96	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
455	9.08	153.41	77.30	76.11	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
456	9.10	153.75	77.50	76.25	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
457	9.12	154.09	77.70	76.40	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
458	9.14	154.43	77.89	76.54	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
459	9.16	154.78	78.09	76.69	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
460	9.18	155.12	78.28	76.84	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
461	9.20	155.46	78.48	76.98	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
462	9.22	155.81	78.68	77.13	0.83	0.217	1.43	0.152	1.02	1.20	0.238	No
463	9.24	156.15	78.87	77.28	0.83	0.217	1.43	0.152	1.02	1.20	0.237	No
464	9.26	156.50	79.07	77.43	0.83	0.217	1.43	0.152	1.02	1.20	0.237	No
465	9.28	156.85	79.26	77.58	0.83	0.217	1.43	0.152	1.02	1.20	0.237	No
466	9.30	157.19	79.46	77.73	0.82	0.217	1.43	0.152	1.02	1.20	0.237	No
467	9.32	157.54	79.66	77.89	0.82	0.217	1.43	0.152	1.02	1.20	0.237	No
468	9.34	157.89	79.85	78.04	0.82	0.217	1.43	0.152	1.02	1.20	0.237	No
469	9.36	158.24	80.05	78.19	0.82	0.217	1.43	0.152	1.02	1.20	0.236	No
470	9.38	158.59	80.25	78.34	0.82	0.216	1.43	0.152	1.02	1.20	0.236	No
471	9.40	158.94	80.44	78.50	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
472	9.42	159.29	80.64	78.65	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
473	9.44	159.64	80.83	78.81	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
474	9.46	159.99	81.03	78.96	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
475	9.48	160.34	81.23	79.12	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
476	9.50	160.69	81.42	79.27	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
477	9.52	161.05	81.62	79.43	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
478	9.54	161.40	81.82	79.58	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
479	9.56	161.75	82.01	79.74	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
480	9.58	162.10	82.21	79.89	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
481	9.60	162.45	82.40	80.05	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
482	9.62	162.81	82.60	80.20	0.82	0.216	1.43	0.151	1.02	1.20	0.236	No
483	9.64	163.16	82.80	80.36	0.82	0.215	1.43	0.151	1.02	1.20	0.236	No
484	9.66	163.51	82.99	80.52	0.82	0.215	1.43	0.151	1.02	1.20	0.236	No
485	9.68	163.86	83.19	80.67	0.82	0.215	1.43	0.151	1.02	1.20	0.236	No
486	9.70	164.21	83.39	80.83	0.81	0.215	1.43	0.151	1.02	1.20	0.236	No
487	9.72	164.56	83.58	80.98	0.81	0.215	1.43	0.151	1.02	1.20	0.236	No
488	9.74	164.92	83.78	81.14	0.81	0.215	1.43	0.151	1.02	1.20	0.235	No
489	9.76	165.27	83.97	81.29	0.81	0.215	1.43	0.150	1.02	1.20	0.235	No
490	9.78	165.62	84.17	81.45	0.81	0.215	1.43	0.150	1.02	1.20	0.235	No
491	9.80	165.97	84.37	81.61	0.81	0.215	1.43	0.150	1.02	1.20	0.235	No
492	9.82	166.32	84.56	81.76	0.81	0.215	1.43	0.150	1.02	1.20	0.235	No
493	9.84	166.68	84.76	81.92	0.81	0.215	1.43	0.150	1.02	1.20	0.235	No
494	9.86	167.03	84.95	82.07	0.81	0.215	1.43	0.150	1.02	1.20	0.235	No
495	9.88	167.38	85.15	82.23	0.81	0.215	1.43	0.150	1.02	1.20	0.235	No
496	9.90	167.74	85.35	82.39	0.81	0.214	1.43	0.150	1.02	1.20	0.235	No
497	9.92	168.09	85.54	82.55	0.81	0.214	1.43	0.150	1.02	1.20	0.235	No
498	9.94	168.44	85.74	82.71	0.81	0.214	1.43	0.150	1.02	1.20	0.234	No
499	9.96	168.80	85.94	82.87	0.81	0.214	1.43	0.150	1.02	1.20	0.234	No
500	9.98	169.16	86.13	83.03	0.81	0.214	1.43	0.150	1.02	1.20	0.234	No
501	10.00	169.52	86.33	83.19	0.81	0.214	1.43	0.150	1.02	1.20	0.234	No
502	10.02	169.88	86.52	83.35	0.81	0.214	1.43	0.150	1.02	1.20	0.233	No
503	10.04	170.23	86.72	83.51	0.81	0.214	1.43	0.150	1.02	1.20	0.233	No
504	10.06	170.59	86.92	83.68	0.81	0.214	1.43	0.150	1.02	1.20	0.233	No
505	10.08	170.95	87.11	83.84	0.81	0.214	1.43	0.150	1.02	1.20	0.233	No
506	10.10	171.31	87.31	84.00	0.81	0.214	1.43	0.149	1.02	1.20	0.233	No
507	10.12	171.67	87.51	84.16	0.80	0.213	1.43	0.149	1.02	1.20	0.233	No
508	10.14	172.03	87.70	84.32	0.80	0.213	1.43	0.149	1.02	1.20	0.233	No
509	10.16	172.38	87.90	84.49	0.80	0.213	1.43	0.149	1.02	1.20	0.233	No
510	10.18	172.74	88.09	84.65	0.80	0.213	1.43	0.149	1.02	1.20	0.233	No
511	10.20	173.10	88.29	84.81	0.80	0.213	1.43	0.149	1.01	1.20	0.233	No
512	10.22	173.45	88.49	84.97	0.80	0.213	1.43	0.149	1.01	1.20	0.233	No
513	10.24	173.81	88.68	85.13	0.80	0.213	1.43	0.149	1.01	1.20	0.234	No
514	10.26	174.17	88.88	85.29	0.80	0.213	1.43	0.149	1.01	1.20	0.234	No
515	10.28	174.52	89.07	85.45	0.80	0.213	1.43	0.149	1.01	1.20	0.234	No
516	10.30	174.88	89.27	85.60	0.80	0.213	1.43	0.149	1.01	1.20	0.234	No
517	10.32	175.23	89.47	85.76	0.80	0.213	1.43	0.149	1.01	1.20	0.234	No
518	10.34	175.58	89.66	85.92	0.80	0.212	1.43	0.149	1.01	1.20	0.234	No
519	10.36	175.93	89.86	86.07	0.80	0.212	1.43	0.149	1.01	1.20	0.234	No
520	10.38	176.28	90.06	86.23	0.80	0.212	1.43	0.149	1.01	1.20	0.234	No
521	10.40	176.63	90.25	86.38	0.80	0.212	1.43	0.149	1.01	1.20	0.234	No
522	10.42	176.98	90.45	86.53	0.80	0.212	1.43	0.148	1.01	1.20	0.234	No
523	10.44	177.33	90.64	86.69	0.80	0.212	1.43	0.148	1.01	1.20	0.234	No
524	10.46	177.68	90.84	86.84	0.80	0.212	1.43	0.148	1.01	1.20	0.234	No
525	10.48	178.03	91.04	87.00	0.80	0.212	1.43	0.148	1.01	1.20	0.234	No
526	10.50	178.38	91.23	87.15	0.80	0.212	1.43	0.148	1.01	1.20	0.233	No
527	10.52	178.74	91.43	87.31	0.80	0.212	1.43	0.148	1.01	1.20	0.233	No
528	10.54	179.09	91.63	87.47	0.79	0.212	1.43	0.148	1.01	1.20	0.233	No
529	10.56	179.45	91.82	87.63	0.79	0.211	1.43	0.148	1.01	1.20	0.233	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
530	10.58	179.81	92.02	87.79	0.79	0.211	1.43	0.148	1.01	1.20	0.232	No
531	10.60	180.16	92.21	87.95	0.79	0.211	1.43	0.148	1.01	1.20	0.232	No
532	10.62	180.52	92.41	88.11	0.79	0.211	1.43	0.148	1.01	1.20	0.232	No
533	10.64	180.88	92.61	88.28	0.79	0.211	1.43	0.148	1.01	1.20	0.231	No
534	10.66	181.24	92.80	88.44	0.79	0.211	1.43	0.148	1.01	1.20	0.231	No
535	10.68	181.60	93.00	88.60	0.79	0.211	1.43	0.148	1.01	1.20	0.231	No
536	10.70	181.95	93.19	88.76	0.79	0.211	1.43	0.148	1.01	1.20	0.231	No
537	10.72	182.31	93.39	88.92	0.79	0.211	1.43	0.147	1.01	1.20	0.231	No
538	10.74	182.67	93.59	89.08	0.79	0.211	1.43	0.147	1.01	1.20	0.231	No
539	10.76	183.02	93.78	89.24	0.79	0.211	1.43	0.147	1.01	1.20	0.231	No
540	10.78	183.38	93.98	89.40	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
541	10.80	183.74	94.18	89.56	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
542	10.82	184.10	94.37	89.73	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
543	10.84	184.46	94.57	89.89	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
544	10.86	184.82	94.76	90.05	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
545	10.88	185.18	94.96	90.21	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
546	10.90	185.54	95.16	90.38	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
547	10.92	185.90	95.35	90.54	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
548	10.94	186.26	95.55	90.71	0.79	0.210	1.43	0.147	1.01	1.20	0.231	No
549	10.96	186.62	95.75	90.87	0.78	0.210	1.43	0.147	1.01	1.20	0.231	No
550	10.98	186.98	95.94	91.04	0.78	0.209	1.43	0.147	1.01	1.20	0.231	No
551	11.00	187.34	96.14	91.20	0.78	0.209	1.43	0.147	1.01	1.20	0.231	No
552	11.02	187.69	96.33	91.36	0.78	0.209	1.43	0.146	1.01	1.20	0.231	No
553	11.04	188.05	96.53	91.52	0.78	0.209	1.43	0.146	1.01	1.20	0.231	No
554	11.06	188.40	96.73	91.67	0.78	0.209	1.43	0.146	1.01	1.20	0.231	No
555	11.08	188.75	96.92	91.83	0.78	0.209	1.43	0.146	1.01	1.20	0.231	No
556	11.10	189.10	97.12	91.98	0.78	0.209	1.43	0.146	1.01	1.20	0.231	No
557	11.12	189.44	97.32	92.13	0.78	0.209	1.43	0.146	1.01	1.20	0.231	No
558	11.14	189.79	97.51	92.28	0.78	0.209	1.43	0.146	1.01	1.20	0.231	No
559	11.16	190.13	97.71	92.42	0.78	0.209	1.43	0.146	1.01	1.20	0.232	No
560	11.18	190.47	97.90	92.56	0.78	0.209	1.43	0.146	1.01	1.20	0.232	No
561	11.20	190.80	98.10	92.70	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
562	11.22	191.13	98.30	92.83	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
563	11.24	191.46	98.49	92.96	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
564	11.26	191.78	98.69	93.09	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
565	11.28	192.10	98.88	93.22	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
566	11.30	192.42	99.08	93.34	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
567	11.32	192.74	99.28	93.46	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
568	11.34	193.05	99.47	93.58	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
569	11.36	193.37	99.67	93.70	0.78	0.208	1.43	0.146	1.01	1.20	0.232	No
570	11.38	193.69	99.87	93.82	0.77	0.208	1.43	0.146	1.01	1.20	0.232	No
571	11.40	194.00	100.06	93.94	0.77	0.208	1.43	0.146	1.01	1.20	0.232	No
572	11.42	194.32	100.26	94.06	0.77	0.208	1.43	0.145	1.01	1.20	0.231	No
573	11.44	194.64	100.45	94.19	0.77	0.208	1.43	0.145	1.01	1.20	0.231	No
574	11.46	194.96	100.65	94.31	0.77	0.208	1.43	0.145	1.01	1.20	0.231	No
575	11.48	195.28	100.85	94.43	0.77	0.208	1.43	0.145	1.01	1.20	0.231	No
576	11.50	195.60	101.04	94.56	0.77	0.208	1.43	0.145	1.01	1.20	0.231	No
577	11.52	195.92	101.24	94.68	0.77	0.208	1.43	0.145	1.01	1.20	0.231	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
578	11.54	196.24	101.44	94.80	0.77	0.207	1.43	0.145	1.01	1.20	0.231	No
579	11.56	196.56	101.63	94.93	0.77	0.207	1.43	0.145	1.01	1.20	0.231	No
580	11.58	196.88	101.83	95.05	0.77	0.207	1.43	0.145	1.01	1.20	0.231	No
581	11.60	197.21	102.02	95.18	0.77	0.207	1.43	0.145	1.01	1.20	0.230	No
582	11.62	197.54	102.22	95.32	0.77	0.207	1.43	0.145	1.01	1.20	0.230	No
583	11.64	197.87	102.42	95.46	0.77	0.207	1.43	0.145	1.00	1.20	0.229	No
584	11.66	198.21	102.61	95.59	0.77	0.207	1.43	0.145	1.00	1.20	0.229	No
585	11.68	198.54	102.81	95.74	0.77	0.207	1.43	0.145	1.00	1.20	0.229	No
586	11.70	198.88	103.00	95.88	0.77	0.207	1.43	0.145	1.00	1.20	0.229	No
587	11.72	199.22	103.20	96.02	0.77	0.207	1.43	0.145	1.00	1.20	0.228	No
588	11.74	199.57	103.40	96.17	0.77	0.207	1.43	0.145	1.00	1.20	0.228	No
589	11.76	199.91	103.59	96.31	0.77	0.207	1.43	0.145	1.00	1.20	0.228	No
590	11.78	200.25	103.79	96.46	0.77	0.207	1.43	0.145	1.00	1.20	0.228	No
591	11.80	200.59	103.99	96.60	0.76	0.206	1.43	0.145	1.00	1.20	0.228	No
592	11.82	200.93	104.18	96.75	0.76	0.206	1.43	0.144	1.00	1.20	0.228	No
593	11.84	201.27	104.38	96.89	0.76	0.206	1.43	0.144	1.00	1.20	0.228	No
594	11.86	201.61	104.57	97.04	0.76	0.206	1.43	0.144	1.00	1.20	0.228	No
595	11.88	201.95	104.77	97.18	0.76	0.206	1.43	0.144	1.00	1.20	0.228	No
596	11.90	202.30	104.97	97.33	0.76	0.206	1.43	0.144	1.00	1.20	0.228	No
597	11.92	202.64	105.16	97.48	0.76	0.206	1.43	0.144	1.00	1.20	0.228	No
598	11.94	202.99	105.36	97.63	0.76	0.206	1.43	0.144	1.00	1.20	0.227	No
599	11.96	203.34	105.56	97.79	0.76	0.206	1.43	0.144	1.00	1.20	0.227	No
600	11.98	203.69	105.75	97.94	0.76	0.206	1.43	0.144	1.00	1.20	0.227	No
601	12.00	204.04	105.95	98.10	0.76	0.206	1.43	0.144	1.00	1.20	0.226	No
602	12.02	204.39	106.14	98.25	0.76	0.205	1.43	0.144	1.00	1.20	0.226	No
603	12.04	204.74	106.34	98.40	0.76	0.205	1.43	0.144	1.00	1.20	0.226	No
604	12.06	205.09	106.54	98.56	0.76	0.205	1.43	0.144	1.00	1.20	0.226	No
605	12.08	205.44	106.73	98.71	0.76	0.205	1.43	0.144	1.00	1.20	0.226	No
606	12.10	205.79	106.93	98.86	0.76	0.205	1.43	0.144	1.00	1.20	0.226	No
607	12.12	206.15	107.13	99.02	0.76	0.205	1.43	0.143	1.00	1.20	0.226	No
608	12.14	206.50	107.32	99.18	0.76	0.205	1.43	0.143	1.00	1.20	0.226	No
609	12.16	206.85	107.52	99.34	0.76	0.205	1.43	0.143	1.00	1.20	0.226	No
610	12.18	207.21	107.71	99.50	0.76	0.205	1.43	0.143	1.00	1.20	0.225	No
611	12.20	207.57	107.91	99.66	0.76	0.205	1.43	0.143	1.00	1.20	0.225	No
612	12.22	207.94	108.11	99.83	0.75	0.204	1.43	0.143	1.00	1.20	0.225	No
613	12.24	208.30	108.30	100.00	0.75	0.204	1.43	0.143	1.00	1.20	0.224	No
614	12.26	208.67	108.50	100.17	0.75	0.204	1.43	0.143	1.00	1.20	0.224	No
615	12.28	209.04	108.69	100.35	0.75	0.204	1.43	0.143	1.00	1.20	0.223	No
616	12.30	209.41	108.89	100.52	0.75	0.204	1.43	0.143	1.00	1.20	0.223	No
617	12.32	209.79	109.09	100.70	0.75	0.204	1.43	0.143	1.00	1.20	0.223	No
618	12.34	210.16	109.28	100.87	0.75	0.204	1.43	0.143	1.00	1.20	0.223	No
619	12.36	210.52	109.48	101.04	0.75	0.204	1.43	0.142	1.00	1.20	0.223	No
620	12.38	210.89	109.68	101.22	0.75	0.203	1.43	0.142	1.00	1.20	0.224	No
621	12.40	211.26	109.87	101.39	0.75	0.203	1.43	0.142	1.00	1.20	0.224	No
622	12.42	211.63	110.07	101.56	0.75	0.203	1.43	0.142	1.00	1.20	0.224	No
623	12.44	211.99	110.26	101.73	0.75	0.203	1.43	0.142	1.00	1.20	0.224	No
624	12.46	212.36	110.46	101.90	0.75	0.203	1.43	0.142	1.00	1.20	0.223	No
625	12.48	212.73	110.66	102.07	0.75	0.203	1.43	0.142	1.00	1.20	0.223	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
626	12.50	213.09	110.85	102.24	0.75	0.203	1.43	0.142	1.00	1.20	0.223	No
627	12.52	213.46	111.05	102.41	0.75	0.203	1.43	0.142	1.00	1.20	0.223	No
628	12.54	213.83	111.25	102.58	0.75	0.203	1.43	0.142	1.00	1.20	0.223	No
629	12.56	214.19	111.44	102.75	0.75	0.202	1.43	0.142	1.00	1.20	0.223	No
630	12.58	214.56	111.64	102.92	0.75	0.202	1.43	0.142	1.00	1.20	0.223	No
631	12.60	214.92	111.83	103.09	0.75	0.202	1.43	0.142	1.00	1.20	0.223	No
632	12.62	215.29	112.03	103.26	0.75	0.202	1.43	0.141	1.00	1.20	0.223	No
633	12.64	215.65	112.23	103.42	0.74	0.202	1.43	0.141	1.00	1.20	0.224	No
634	12.66	216.01	112.42	103.58	0.74	0.202	1.43	0.141	1.00	1.20	0.224	No
635	12.68	216.36	112.62	103.74	0.74	0.202	1.43	0.141	1.00	1.20	0.224	No
636	12.70	216.72	112.81	103.90	0.74	0.202	1.43	0.141	1.00	1.20	0.224	No
637	12.72	217.07	113.01	104.06	0.74	0.202	1.43	0.141	1.00	1.20	0.224	No
638	12.74	217.42	113.21	104.22	0.74	0.201	1.43	0.141	1.00	1.20	0.224	No
639	12.76	217.77	113.40	104.37	0.74	0.201	1.43	0.141	1.00	1.20	0.223	No
640	12.78	218.13	113.60	104.53	0.74	0.201	1.43	0.141	1.00	1.20	0.222	No
641	12.80	218.48	113.80	104.69	0.74	0.201	1.43	0.141	1.00	1.20	0.222	No
642	12.82	218.83	113.99	104.84	0.74	0.201	1.43	0.141	1.00	1.20	0.222	No
643	12.84	219.19	114.19	105.00	0.74	0.201	1.43	0.141	1.00	1.20	0.222	No
644	12.86	219.54	114.38	105.16	0.74	0.201	1.43	0.141	1.00	1.20	0.222	No
645	12.88	219.90	114.58	105.32	0.74	0.201	1.43	0.140	1.00	1.20	0.222	No
646	12.90	220.25	114.78	105.48	0.74	0.201	1.43	0.140	1.00	1.20	0.222	No
647	12.92	220.61	114.97	105.64	0.74	0.200	1.43	0.140	1.00	1.20	0.222	No
648	12.94	220.97	115.17	105.80	0.74	0.200	1.43	0.140	1.00	1.20	0.222	No
649	12.96	221.33	115.37	105.96	0.74	0.200	1.43	0.140	1.00	1.20	0.222	No
650	12.98	221.69	115.56	106.13	0.74	0.200	1.43	0.140	1.00	1.20	0.222	No
651	13.00	222.04	115.76	106.29	0.74	0.200	1.43	0.140	1.00	1.20	0.221	No
652	13.02	222.40	115.95	106.45	0.74	0.200	1.43	0.140	1.00	1.20	0.222	No
653	13.04	222.75	116.15	106.60	0.74	0.200	1.43	0.140	1.00	1.20	0.222	No
654	13.06	223.11	116.35	106.76	0.74	0.200	1.43	0.140	1.00	1.20	0.222	No
655	13.08	223.46	116.54	106.92	0.73	0.200	1.43	0.140	1.00	1.20	0.222	No
656	13.10	223.81	116.74	107.07	0.73	0.200	1.43	0.140	1.00	1.20	0.222	No
657	13.12	224.16	116.94	107.23	0.73	0.199	1.43	0.140	1.00	1.20	0.222	No
658	13.14	224.51	117.13	107.38	0.73	0.199	1.43	0.140	1.00	1.20	0.222	No
659	13.16	224.86	117.33	107.53	0.73	0.199	1.43	0.139	0.99	1.20	0.221	No
660	13.18	225.21	117.52	107.68	0.73	0.199	1.43	0.139	0.99	1.20	0.221	No
661	13.20	225.55	117.72	107.83	0.73	0.199	1.43	0.139	0.99	1.20	0.222	No
662	13.22	225.89	117.92	107.98	0.73	0.199	1.43	0.139	0.99	1.20	0.223	No
663	13.24	226.23	118.11	108.12	0.73	0.199	1.43	0.139	0.99	1.20	0.223	No
664	13.26	226.57	118.31	108.26	0.73	0.199	1.43	0.139	0.99	1.20	0.223	No
665	13.28	226.91	118.50	108.40	0.73	0.199	1.43	0.139	0.99	1.20	0.222	No
666	13.30	227.24	118.70	108.54	0.73	0.199	1.43	0.139	0.99	1.20	0.222	No
667	13.32	227.58	118.90	108.68	0.73	0.198	1.43	0.139	0.99	1.20	0.222	No
668	13.34	227.91	119.09	108.82	0.73	0.198	1.43	0.139	0.99	1.20	0.222	No
669	13.36	228.25	119.29	108.96	0.73	0.198	1.43	0.139	0.99	1.20	0.222	No
670	13.38	228.58	119.49	109.10	0.73	0.198	1.43	0.139	0.99	1.20	0.222	No
671	13.40	228.92	119.68	109.24	0.73	0.198	1.43	0.139	0.99	1.20	0.222	No
672	13.42	229.25	119.88	109.37	0.73	0.198	1.43	0.139	0.99	1.20	0.222	No
673	13.44	229.58	120.07	109.51	0.73	0.198	1.43	0.139	0.99	1.20	0.222	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
674	13.46	229.92	120.27	109.65	0.73	0.198	1.43	0.138	0.99	1.20	0.222	No
675	13.48	230.25	120.47	109.79	0.73	0.198	1.43	0.138	0.99	1.20	0.222	No
676	13.50	230.59	120.66	109.93	0.72	0.198	1.43	0.138	0.99	1.20	0.222	No
677	13.52	230.93	120.86	110.07	0.72	0.198	1.43	0.138	0.99	1.20	0.222	No
678	13.54	231.27	121.06	110.21	0.72	0.198	1.43	0.138	0.99	1.20	0.222	No
679	13.56	231.61	121.25	110.36	0.72	0.197	1.43	0.138	0.99	1.20	0.221	No
680	13.58	231.95	121.45	110.50	0.72	0.197	1.43	0.138	0.99	1.20	0.221	No
681	13.60	232.30	121.64	110.65	0.72	0.197	1.43	0.138	0.99	1.20	0.221	No
682	13.62	232.64	121.84	110.80	0.72	0.197	1.43	0.138	0.99	1.20	0.221	No
683	13.64	232.99	122.04	110.95	0.72	0.197	1.43	0.138	0.99	1.20	0.221	No
684	13.66	233.33	122.23	111.10	0.72	0.197	1.43	0.138	0.99	1.20	0.221	No
685	13.68	233.68	122.43	111.25	0.72	0.197	1.43	0.138	0.99	1.20	0.221	No
686	13.70	234.03	122.63	111.40	0.72	0.197	1.43	0.138	0.99	1.20	0.220	No
687	13.72	234.38	122.82	111.56	0.72	0.197	1.43	0.138	0.99	1.20	0.220	No
688	13.74	234.73	123.02	111.71	0.72	0.197	1.43	0.138	0.99	1.20	0.220	No
689	13.76	235.08	123.21	111.87	0.72	0.196	1.43	0.137	0.99	1.20	0.220	No
690	13.78	235.44	123.41	112.03	0.72	0.196	1.43	0.137	0.99	1.20	0.219	No
691	13.80	235.80	123.61	112.20	0.72	0.196	1.43	0.137	0.99	1.20	0.219	No
692	13.82	236.17	123.80	112.36	0.72	0.196	1.43	0.137	0.99	1.20	0.218	No
693	13.84	236.53	124.00	112.54	0.72	0.196	1.43	0.137	0.99	1.20	0.218	No
694	13.86	236.90	124.19	112.71	0.72	0.196	1.43	0.137	0.99	1.20	0.217	No
695	13.88	237.27	124.39	112.88	0.72	0.196	1.43	0.137	0.99	1.20	0.217	No
696	13.90	237.64	124.59	113.06	0.72	0.196	1.43	0.137	0.99	1.20	0.217	No
697	13.92	238.01	124.78	113.23	0.72	0.195	1.43	0.137	0.99	1.20	0.217	No
698	13.94	238.38	124.98	113.40	0.71	0.195	1.43	0.137	0.99	1.20	0.217	No
699	13.96	238.75	125.18	113.58	0.71	0.195	1.43	0.137	0.99	1.20	0.217	No
700	13.98	239.12	125.37	113.75	0.71	0.195	1.43	0.137	0.99	1.20	0.217	No
701	14.00	239.49	125.57	113.93	0.71	0.195	1.43	0.136	0.99	1.20	0.217	No
702	14.02	239.87	125.76	114.10	0.71	0.195	1.43	0.136	0.99	1.20	0.217	No
703	14.04	240.24	125.96	114.28	0.71	0.195	1.43	0.136	0.99	1.20	0.217	No
704	14.06	240.61	126.16	114.45	0.71	0.195	1.43	0.136	0.99	1.20	0.217	No
705	14.08	240.98	126.35	114.63	0.71	0.194	1.43	0.136	0.99	1.20	0.217	No
706	14.10	241.35	126.55	114.80	0.71	0.194	1.43	0.136	0.99	1.20	0.217	No
707	14.12	241.72	126.75	114.97	0.71	0.194	1.43	0.136	0.99	1.20	0.217	No
708	14.14	242.08	126.94	115.14	0.71	0.194	1.43	0.136	0.99	1.20	0.217	No
709	14.16	242.45	127.14	115.31	0.71	0.194	1.43	0.136	0.99	1.20	0.217	No
710	14.18	242.81	127.33	115.48	0.71	0.194	1.43	0.136	0.99	1.20	0.217	No
711	14.20	243.18	127.53	115.65	0.71	0.194	1.43	0.136	0.99	1.20	0.217	No
712	14.22	243.54	127.73	115.81	0.71	0.194	1.43	0.136	0.99	1.20	0.218	No
713	14.24	243.90	127.92	115.98	0.71	0.194	1.43	0.135	0.99	1.20	0.218	No
714	14.26	244.26	128.12	116.14	0.71	0.193	1.43	0.135	0.99	1.20	0.218	No
715	14.28	244.62	128.31	116.30	0.71	0.193	1.43	0.135	0.99	1.20	0.218	No
716	14.30	244.97	128.51	116.46	0.71	0.193	1.43	0.135	0.99	1.20	0.218	No
717	14.32	245.33	128.71	116.62	0.71	0.193	1.43	0.135	0.99	1.20	0.218	No
718	14.34	245.68	128.90	116.78	0.71	0.193	1.43	0.135	0.99	1.20	0.218	No
719	14.36	246.04	129.10	116.94	0.71	0.193	1.43	0.135	0.99	1.20	0.218	No
720	14.38	246.39	129.30	117.09	0.70	0.193	1.43	0.135	0.99	1.20	0.218	No
721	14.40	246.74	129.49	117.25	0.70	0.193	1.43	0.135	0.99	1.20	0.217	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
722	14.42	247.10	129.69	117.41	0.70	0.193	1.43	0.135	0.99	1.20	0.217	No
723	14.44	247.45	129.88	117.57	0.70	0.192	1.43	0.135	0.99	1.20	0.217	No
724	14.46	247.81	130.08	117.73	0.70	0.192	1.43	0.135	0.99	1.20	0.217	No
725	14.48	248.16	130.28	117.89	0.70	0.192	1.43	0.135	0.99	1.20	0.217	No
726	14.50	248.52	130.47	118.04	0.70	0.192	1.43	0.135	0.99	1.20	0.217	No
727	14.52	248.87	130.67	118.20	0.70	0.192	1.43	0.134	0.99	1.20	0.217	No
728	14.54	249.23	130.87	118.36	0.70	0.192	1.43	0.134	0.99	1.20	0.217	No
729	14.56	249.59	131.06	118.52	0.70	0.192	1.43	0.134	0.99	1.20	0.217	No
730	14.58	249.94	131.26	118.69	0.70	0.192	1.43	0.134	0.99	1.20	0.216	No
731	14.60	250.30	131.45	118.85	0.70	0.192	1.43	0.134	0.99	1.20	0.216	No
732	14.62	250.66	131.65	119.01	0.70	0.192	1.43	0.134	0.99	1.20	0.216	No
733	14.64	251.02	131.85	119.18	0.70	0.191	1.43	0.134	0.99	1.20	0.216	No
734	14.66	251.38	132.04	119.34	0.70	0.191	1.43	0.134	0.99	1.20	0.216	No
735	14.68	251.75	132.24	119.51	0.70	0.191	1.43	0.134	0.99	1.20	0.216	No
736	14.70	252.11	132.44	119.67	0.70	0.191	1.43	0.134	0.99	1.20	0.215	No
737	14.72	252.47	132.63	119.84	0.70	0.191	1.43	0.134	0.99	1.20	0.215	No
738	14.74	252.84	132.83	120.01	0.70	0.191	1.43	0.134	0.99	1.20	0.215	No
739	14.76	253.21	133.02	120.18	0.70	0.191	1.43	0.133	0.99	1.20	0.215	No
740	14.78	253.57	133.22	120.35	0.70	0.191	1.43	0.133	0.99	1.20	0.214	No
741	14.80	253.94	133.42	120.52	0.70	0.190	1.43	0.133	0.99	1.20	0.214	No
742	14.82	254.31	133.61	120.69	0.69	0.190	1.43	0.133	0.99	1.20	0.215	No
743	14.84	254.67	133.81	120.86	0.69	0.190	1.43	0.133	0.99	1.20	0.215	No
744	14.86	255.04	134.00	121.03	0.69	0.190	1.43	0.133	0.99	1.20	0.215	No
745	14.88	255.40	134.20	121.20	0.69	0.190	1.43	0.133	0.99	1.20	0.215	No
746	14.90	255.76	134.40	121.36	0.69	0.190	1.43	0.133	0.99	1.20	0.215	No
747	14.92	256.12	134.59	121.53	0.69	0.190	1.43	0.133	0.99	1.20	0.215	No
748	14.94	256.48	134.79	121.69	0.69	0.190	1.43	0.133	0.98	1.20	0.215	No
749	14.96	256.84	134.99	121.86	0.69	0.190	1.43	0.133	0.98	1.20	0.215	No
750	14.98	257.20	135.18	122.02	0.69	0.189	1.43	0.133	0.98	1.20	0.215	No
751	15.00	257.56	135.38	122.18	0.69	0.189	1.43	0.133	0.98	1.20	0.214	No
752	15.02	257.92	135.57	122.35	0.69	0.189	1.43	0.132	0.98	1.20	0.214	No
753	15.04	258.28	135.77	122.51	0.69	0.189	1.43	0.132	0.98	1.20	0.214	No
754	15.06	258.64	135.97	122.67	0.69	0.189	1.43	0.132	0.98	1.20	0.214	No
755	15.08	259.00	136.16	122.84	0.69	0.189	1.43	0.132	0.98	1.20	0.214	No
756	15.10	259.36	136.36	123.00	0.69	0.189	1.43	0.132	0.98	1.20	0.214	No
757	15.12	259.72	136.56	123.16	0.69	0.189	1.43	0.132	0.98	1.20	0.214	No
758	15.14	260.08	136.75	123.32	0.69	0.189	1.43	0.132	0.98	1.20	0.214	No
759	15.16	260.43	136.95	123.49	0.69	0.188	1.43	0.132	0.98	1.20	0.214	No
760	15.18	260.79	137.14	123.65	0.69	0.188	1.43	0.132	0.98	1.20	0.214	No
761	15.20	261.15	137.34	123.81	0.69	0.188	1.43	0.132	0.98	1.20	0.213	No
762	15.22	261.51	137.54	123.98	0.69	0.188	1.43	0.132	0.98	1.20	0.213	No
763	15.24	261.87	137.73	124.14	0.69	0.188	1.43	0.132	0.98	1.20	0.213	No
764	15.26	262.23	137.93	124.31	0.69	0.188	1.43	0.132	0.98	1.20	0.213	No
765	15.28	262.59	138.12	124.47	0.68	0.188	1.43	0.131	0.98	1.20	0.213	No
766	15.30	262.95	138.32	124.63	0.68	0.188	1.43	0.131	0.98	1.20	0.213	No
767	15.32	263.31	138.52	124.80	0.68	0.188	1.43	0.131	0.98	1.20	0.213	No
768	15.34	263.67	138.71	124.96	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
769	15.36	264.03	138.91	125.12	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
770	15.38	264.39	139.11	125.29	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
771	15.40	264.75	139.30	125.45	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
772	15.42	265.11	139.50	125.61	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
773	15.44	265.47	139.69	125.77	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
774	15.46	265.82	139.89	125.93	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
775	15.48	266.17	140.09	126.09	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
776	15.50	266.52	140.28	126.24	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
777	15.52	266.87	140.48	126.39	0.68	0.187	1.43	0.131	0.98	1.20	0.212	No
778	15.54	267.21	140.68	126.53	0.68	0.186	1.43	0.130	0.98	1.20	0.212	No
779	15.56	267.55	140.87	126.68	0.68	0.186	1.43	0.130	0.98	1.20	0.212	No
780	15.58	267.88	141.07	126.82	0.68	0.186	1.43	0.130	0.98	1.20	0.212	No
781	15.60	268.22	141.26	126.95	0.68	0.186	1.43	0.130	0.98	1.20	0.212	No
782	15.62	268.55	141.46	127.09	0.68	0.186	1.43	0.130	0.98	1.20	0.212	No
783	15.64	268.88	141.66	127.23	0.68	0.186	1.43	0.130	0.98	1.20	0.212	No
784	15.66	269.22	141.85	127.37	0.68	0.186	1.43	0.130	0.98	1.20	0.212	No
785	15.68	269.55	142.05	127.50	0.68	0.186	1.43	0.130	0.98	1.20	0.212	No
786	15.70	269.89	142.25	127.64	0.68	0.186	1.43	0.130	0.98	1.20	0.211	No
787	15.72	270.22	142.44	127.78	0.68	0.186	1.43	0.130	0.98	1.20	0.211	No
788	15.74	270.56	142.64	127.93	0.67	0.186	1.43	0.130	0.98	1.20	0.211	No
789	15.76	270.91	142.83	128.07	0.67	0.185	1.43	0.130	0.98	1.20	0.211	No
790	15.78	271.25	143.03	128.22	0.67	0.185	1.43	0.130	0.98	1.20	0.211	No
791	15.80	271.59	143.23	128.36	0.67	0.185	1.43	0.130	0.98	1.20	0.210	No
792	15.82	271.93	143.42	128.51	0.67	0.185	1.43	0.130	0.98	1.20	0.210	No
793	15.84	272.28	143.62	128.66	0.67	0.185	1.43	0.130	0.98	1.20	0.210	No
794	15.86	272.62	143.81	128.80	0.67	0.185	1.43	0.129	0.98	1.20	0.210	No
795	15.88	272.96	144.01	128.95	0.67	0.185	1.43	0.129	0.98	1.20	0.210	No
796	15.90	273.31	144.21	129.10	0.67	0.185	1.43	0.129	0.98	1.20	0.210	No
797	15.92	273.65	144.40	129.25	0.67	0.185	1.43	0.129	0.98	1.20	0.210	No
798	15.94	274.00	144.60	129.40	0.67	0.185	1.43	0.129	0.98	1.20	0.210	No
799	15.96	274.35	144.80	129.55	0.67	0.184	1.43	0.129	0.98	1.20	0.210	No
800	15.98	274.69	144.99	129.70	0.67	0.184	1.43	0.129	0.98	1.20	0.209	No
801	16.00	275.04	145.19	129.85	0.67	0.184	1.43	0.129	0.98	1.20	0.209	No
802	16.02	275.39	145.38	130.00	0.67	0.184	1.43	0.129	0.98	1.20	0.209	No
803	16.04	275.73	145.58	130.15	0.67	0.184	1.43	0.129	0.98	1.20	0.209	No
804	16.06	276.08	145.78	130.30	0.67	0.184	1.43	0.129	0.98	1.20	0.209	No
805	16.08	276.42	145.97	130.45	0.67	0.184	1.43	0.129	0.98	1.20	0.209	No
806	16.10	276.77	146.17	130.60	0.67	0.184	1.43	0.129	0.98	1.20	0.209	No
807	16.12	277.11	146.37	130.75	0.67	0.184	1.43	0.129	0.98	1.20	0.209	No
808	16.14	277.46	146.56	130.90	0.67	0.184	1.43	0.128	0.98	1.20	0.208	No
809	16.16	277.81	146.76	131.05	0.67	0.183	1.43	0.128	0.98	1.20	0.208	No
810	16.18	278.16	146.95	131.21	0.67	0.183	1.43	0.128	0.98	1.20	0.208	No
811	16.20	278.51	147.15	131.36	0.66	0.183	1.43	0.128	0.98	1.20	0.208	No
812	16.22	278.86	147.35	131.51	0.66	0.183	1.43	0.128	0.98	1.20	0.208	No
813	16.24	279.20	147.54	131.66	0.66	0.183	1.43	0.128	0.98	1.20	0.208	No
814	16.26	279.55	147.74	131.81	0.66	0.183	1.43	0.128	0.98	1.20	0.208	No
815	16.28	279.89	147.93	131.96	0.66	0.183	1.43	0.128	0.98	1.20	0.208	No
816	16.30	280.24	148.13	132.11	0.66	0.183	1.43	0.128	0.98	1.20	0.208	No
817	16.32	280.58	148.33	132.25	0.66	0.183	1.43	0.128	0.98	1.20	0.208	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
818	16.34	280.93	148.52	132.40	0.66	0.183	1.43	0.128	0.98	1.20	0.208	No
819	16.36	281.27	148.72	132.55	0.66	0.182	1.43	0.128	0.98	1.20	0.207	No
820	16.38	281.62	148.92	132.70	0.66	0.182	1.43	0.128	0.98	1.20	0.207	No
821	16.40	281.97	149.11	132.86	0.66	0.182	1.43	0.128	0.98	1.20	0.207	No
822	16.42	282.32	149.31	133.01	0.66	0.182	1.43	0.128	0.98	1.20	0.207	No
823	16.44	282.68	149.50	133.17	0.66	0.182	1.43	0.127	0.98	1.20	0.206	No
824	16.46	283.03	149.70	133.33	0.66	0.182	1.43	0.127	0.98	1.20	0.206	No
825	16.48	283.39	149.90	133.49	0.66	0.182	1.43	0.127	0.98	1.20	0.206	No
826	16.50	283.74	150.09	133.65	0.66	0.182	1.43	0.127	0.98	1.20	0.206	No
827	16.52	284.10	150.29	133.81	0.66	0.182	1.43	0.127	0.98	1.20	0.206	No
828	16.54	284.46	150.49	133.97	0.66	0.182	1.43	0.127	0.98	1.20	0.206	No
829	16.56	284.82	150.68	134.14	0.66	0.181	1.43	0.127	0.98	1.20	0.206	No
830	16.58	285.18	150.88	134.30	0.66	0.181	1.43	0.127	0.98	1.20	0.205	No
831	16.60	285.54	151.07	134.47	0.66	0.181	1.43	0.127	0.97	1.20	0.205	No
832	16.62	285.90	151.27	134.63	0.66	0.181	1.43	0.127	0.97	1.20	0.204	No
833	16.64	286.25	151.47	134.79	0.66	0.181	1.43	0.127	0.97	1.20	0.203	No
834	16.66	286.61	151.66	134.95	0.66	0.181	1.43	0.127	0.97	1.20	0.201	No
835	16.68	286.96	151.86	135.10	0.65	0.181	1.43	0.127	0.97	1.20	0.201	No
836	16.70	287.32	152.06	135.26	0.65	0.181	1.43	0.126	0.97	1.20	0.202	No
837	16.72	287.67	152.25	135.42	0.65	0.181	1.43	0.126	0.97	1.20	0.203	No
838	16.74	288.03	152.45	135.58	0.65	0.180	1.43	0.126	0.97	1.20	0.204	No
839	16.76	288.38	152.64	135.73	0.65	0.180	1.43	0.126	0.97	1.20	0.204	No
840	16.78	288.73	152.84	135.89	0.65	0.180	1.43	0.126	0.97	1.20	0.205	No
841	16.80	289.08	153.04	136.05	0.65	0.180	1.43	0.126	0.97	1.20	0.205	No
842	16.82	289.43	153.23	136.20	0.65	0.180	1.43	0.126	0.97	1.20	0.205	No
843	16.84	289.78	153.43	136.35	0.65	0.180	1.43	0.126	0.97	1.20	0.205	No
844	16.86	290.13	153.62	136.51	0.65	0.180	1.43	0.126	0.97	1.20	0.205	No
845	16.88	290.49	153.82	136.67	0.65	0.180	1.43	0.126	0.97	1.20	0.205	No
846	16.90	290.84	154.02	136.82	0.65	0.180	1.43	0.126	0.97	1.20	0.205	No
847	16.92	291.19	154.21	136.98	0.65	0.180	1.43	0.126	0.97	1.20	0.205	No
848	16.94	291.54	154.41	137.14	0.65	0.179	1.43	0.126	0.97	1.20	0.205	No
849	16.96	291.90	154.61	137.29	0.65	0.179	1.43	0.126	0.97	1.20	0.204	No
850	16.98	292.25	154.80	137.45	0.65	0.179	1.43	0.125	0.97	1.20	0.204	No
851	17.00	292.60	155.00	137.60	0.65	0.179	1.43	0.125	0.97	1.20	0.204	No
852	17.02	292.95	155.19	137.75	0.65	0.179	1.43	0.125	0.97	1.20	0.204	No
853	17.04	293.30	155.39	137.91	0.65	0.179	1.43	0.125	0.97	1.20	0.204	No
854	17.06	293.65	155.59	138.06	0.65	0.179	1.43	0.125	0.97	1.20	0.204	No
855	17.08	294.00	155.78	138.22	0.65	0.179	1.43	0.125	0.97	1.20	0.204	No
856	17.10	294.35	155.98	138.37	0.65	0.179	1.43	0.125	0.97	1.20	0.203	No
857	17.12	294.70	156.18	138.53	0.65	0.179	1.43	0.125	0.97	1.20	0.203	No
858	17.14	295.06	156.37	138.69	0.65	0.178	1.43	0.125	0.97	1.20	0.203	No
859	17.16	295.41	156.57	138.84	0.64	0.178	1.43	0.125	0.97	1.20	0.203	No
860	17.18	295.77	156.76	139.00	0.64	0.178	1.43	0.125	0.97	1.20	0.203	No
861	17.20	296.12	156.96	139.16	0.64	0.178	1.43	0.125	0.97	1.20	0.203	No
862	17.22	296.48	157.16	139.32	0.64	0.178	1.43	0.125	0.97	1.20	0.203	No
863	17.24	296.84	157.35	139.49	0.64	0.178	1.43	0.125	0.97	1.20	0.203	No
864	17.26	297.20	157.55	139.65	0.64	0.178	1.43	0.124	0.97	1.20	0.203	No
865	17.28	297.56	157.74	139.81	0.64	0.178	1.43	0.124	0.97	1.20	0.203	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
866	17.30	297.92	157.94	139.98	0.64	0.178	1.43	0.124	0.97	1.20	0.203	No
867	17.32	298.28	158.14	140.14	0.64	0.178	1.43	0.124	0.97	1.20	0.203	No
868	17.34	298.63	158.33	140.30	0.64	0.177	1.43	0.124	0.97	1.20	0.203	No
869	17.36	298.99	158.53	140.46	0.64	0.177	1.43	0.124	0.97	1.20	0.203	No
870	17.38	299.34	158.73	140.61	0.64	0.177	1.43	0.124	0.97	1.20	0.203	No
871	17.40	299.69	158.92	140.77	0.64	0.177	1.43	0.124	0.97	1.20	0.203	No
872	17.42	300.04	159.12	140.92	0.64	0.177	1.43	0.124	0.97	1.20	0.203	No
873	17.44	300.38	159.31	141.07	0.64	0.177	1.43	0.124	0.97	1.20	0.203	No
874	17.46	300.73	159.51	141.22	0.64	0.177	1.43	0.124	0.97	1.20	0.203	No
875	17.48	301.08	159.71	141.37	0.64	0.177	1.43	0.124	0.97	1.20	0.202	No
876	17.50	301.43	159.90	141.52	0.64	0.177	1.43	0.124	0.97	1.20	0.202	No
877	17.52	301.78	160.10	141.68	0.64	0.177	1.43	0.124	0.97	1.20	0.203	No
878	17.54	302.12	160.30	141.83	0.64	0.176	1.43	0.123	0.97	1.20	0.203	No
879	17.56	302.47	160.49	141.98	0.64	0.176	1.43	0.123	0.97	1.20	0.203	No
880	17.58	302.82	160.69	142.13	0.64	0.176	1.43	0.123	0.97	1.20	0.203	No
881	17.60	303.16	160.88	142.28	0.64	0.176	1.43	0.123	0.97	1.20	0.202	No
882	17.62	303.51	161.08	142.43	0.64	0.176	1.43	0.123	0.97	1.20	0.202	No
883	17.64	303.85	161.28	142.58	0.64	0.176	1.43	0.123	0.97	1.20	0.202	No
884	17.66	304.20	161.47	142.72	0.63	0.176	1.43	0.123	0.97	1.20	0.202	No
885	17.68	304.54	161.67	142.87	0.63	0.176	1.43	0.123	0.97	1.20	0.202	No
886	17.70	304.89	161.87	143.02	0.63	0.176	1.43	0.123	0.97	1.20	0.202	No
887	17.72	305.23	162.06	143.17	0.63	0.176	1.43	0.123	0.97	1.20	0.202	No
888	17.74	305.58	162.26	143.32	0.63	0.175	1.43	0.123	0.97	1.20	0.202	No
889	17.76	305.92	162.45	143.47	0.63	0.175	1.43	0.123	0.97	1.20	0.202	No
890	17.78	306.27	162.65	143.62	0.63	0.175	1.43	0.123	0.97	1.20	0.202	No
891	17.80	306.62	162.85	143.77	0.63	0.175	1.43	0.123	0.97	1.20	0.202	No
892	17.82	306.96	163.04	143.92	0.63	0.175	1.43	0.123	0.97	1.20	0.202	No
893	17.84	307.31	163.24	144.07	0.63	0.175	1.43	0.123	0.97	1.20	0.202	No
894	17.86	307.65	163.43	144.22	0.63	0.175	1.43	0.122	0.97	1.20	0.201	No
895	17.88	307.99	163.63	144.36	0.63	0.175	1.43	0.122	0.97	1.20	0.201	No
896	17.90	308.34	163.83	144.51	0.63	0.175	1.43	0.122	0.97	1.20	0.201	No
897	17.92	308.68	164.02	144.66	0.63	0.175	1.43	0.122	0.97	1.20	0.201	No
898	17.94	309.03	164.22	144.81	0.63	0.175	1.43	0.122	0.97	1.20	0.201	No
899	17.96	309.37	164.42	144.96	0.63	0.174	1.43	0.122	0.97	1.20	0.201	No
900	17.98	309.72	164.61	145.10	0.63	0.174	1.43	0.122	0.97	1.20	0.201	No
901	18.00	310.06	164.81	145.25	0.63	0.174	1.43	0.122	0.97	1.20	0.201	No
902	18.02	310.41	165.00	145.40	0.63	0.174	1.43	0.122	0.97	1.20	0.201	No
903	18.04	310.75	165.20	145.55	0.63	0.174	1.43	0.122	0.97	1.20	0.200	No
904	18.06	311.10	165.40	145.70	0.63	0.174	1.43	0.122	0.97	1.20	0.200	No
905	18.08	311.45	165.59	145.86	0.63	0.174	1.43	0.122	0.97	1.20	0.200	No
906	18.10	311.80	165.79	146.01	0.63	0.174	1.43	0.122	0.97	1.20	0.200	No
907	18.12	312.15	165.99	146.16	0.63	0.174	1.43	0.122	0.97	1.20	0.200	No
908	18.14	312.49	166.18	146.31	0.63	0.174	1.43	0.122	0.97	1.20	0.200	No
909	18.16	312.84	166.38	146.46	0.62	0.174	1.43	0.121	0.97	1.20	0.200	No
910	18.18	313.19	166.57	146.61	0.62	0.173	1.43	0.121	0.97	1.20	0.200	No
911	18.20	313.54	166.77	146.77	0.62	0.173	1.43	0.121	0.97	1.20	0.200	No
912	18.22	313.88	166.97	146.92	0.62	0.173	1.43	0.121	0.97	1.20	0.200	No
913	18.24	314.23	167.16	147.07	0.62	0.173	1.43	0.121	0.97	1.20	0.199	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
914	18.26	314.58	167.36	147.22	0.62	0.173	1.43	0.121	0.97	1.20	0.199	No
915	18.28	314.93	167.55	147.37	0.62	0.173	1.43	0.121	0.97	1.20	0.199	No
916	18.30	315.28	167.75	147.53	0.62	0.173	1.43	0.121	0.97	1.20	0.199	No
917	18.32	315.62	167.95	147.68	0.62	0.173	1.43	0.121	0.97	1.20	0.199	No
918	18.34	315.97	168.14	147.83	0.62	0.173	1.43	0.121	0.97	1.20	0.199	No
919	18.36	316.32	168.34	147.98	0.62	0.173	1.43	0.121	0.97	1.20	0.199	No
920	18.38	316.67	168.54	148.14	0.62	0.172	1.43	0.121	0.97	1.20	0.199	No
921	18.40	317.02	168.73	148.29	0.62	0.172	1.43	0.121	0.97	1.20	0.199	No
922	18.42	317.38	168.93	148.45	0.62	0.172	1.43	0.121	0.97	1.20	0.199	No
923	18.44	317.73	169.12	148.61	0.62	0.172	1.43	0.121	0.97	1.20	0.198	No
924	18.46	318.08	169.32	148.76	0.62	0.172	1.43	0.120	0.97	1.20	0.198	No
925	18.48	318.44	169.52	148.92	0.62	0.172	1.43	0.120	0.97	1.20	0.198	No
926	18.50	318.79	169.71	149.07	0.62	0.172	1.43	0.120	0.97	1.20	0.198	No
927	18.52	319.14	169.91	149.23	0.62	0.172	1.43	0.120	0.97	1.20	0.198	No
928	18.54	319.48	170.11	149.38	0.62	0.172	1.43	0.120	0.97	1.20	0.198	No
929	18.56	319.83	170.30	149.53	0.62	0.172	1.43	0.120	0.97	1.20	0.198	No
930	18.58	320.17	170.50	149.68	0.62	0.172	1.43	0.120	0.97	1.20	0.198	No
931	18.60	320.52	170.69	149.82	0.62	0.171	1.43	0.120	0.97	1.20	0.198	No
932	18.62	320.86	170.89	149.97	0.62	0.171	1.43	0.120	0.97	1.20	0.197	No
933	18.64	321.20	171.09	150.11	0.62	0.171	1.43	0.120	0.97	1.20	0.197	No
934	18.66	321.53	171.28	150.25	0.62	0.171	1.43	0.120	0.97	1.20	0.197	No
935	18.68	321.87	171.48	150.39	0.61	0.171	1.43	0.120	0.97	1.20	0.196	No
936	18.70	322.20	171.68	150.53	0.61	0.171	1.43	0.120	0.97	1.20	0.196	No
937	18.72	322.54	171.87	150.67	0.61	0.171	1.43	0.120	0.97	1.20	0.196	No
938	18.74	322.88	172.07	150.81	0.61	0.171	1.43	0.120	0.97	1.20	0.196	No
939	18.76	323.21	172.26	150.95	0.61	0.171	1.43	0.120	0.97	1.20	0.196	No
940	18.78	323.55	172.46	151.09	0.61	0.171	1.43	0.119	0.97	1.20	0.196	No
941	18.80	323.89	172.66	151.23	0.61	0.171	1.43	0.119	0.97	1.20	0.196	No
942	18.82	324.23	172.85	151.38	0.61	0.170	1.43	0.119	0.97	1.20	0.196	No
943	18.84	324.57	173.05	151.53	0.61	0.170	1.43	0.119	0.97	1.20	0.196	No
944	18.86	324.92	173.24	151.68	0.61	0.170	1.43	0.119	0.97	1.20	0.196	No
945	18.88	325.27	173.44	151.83	0.61	0.170	1.43	0.119	0.97	1.20	0.196	No
946	18.90	325.62	173.64	151.99	0.61	0.170	1.43	0.119	0.97	1.20	0.196	No
947	18.92	325.98	173.83	152.15	0.61	0.170	1.43	0.119	0.97	1.20	0.196	No
948	18.94	326.33	174.03	152.30	0.61	0.170	1.43	0.119	0.97	1.20	0.195	No
949	18.96	326.68	174.23	152.46	0.61	0.170	1.43	0.119	0.97	1.20	0.195	No
950	18.98	327.03	174.42	152.61	0.61	0.170	1.43	0.119	0.97	1.20	0.195	No
951	19.00	327.38	174.62	152.76	0.61	0.170	1.43	0.119	0.97	1.20	0.196	No
952	19.02	327.72	174.81	152.91	0.61	0.170	1.43	0.119	0.97	1.20	0.196	No
953	19.04	328.06	175.01	153.05	0.61	0.169	1.43	0.119	0.97	1.20	0.196	No
954	19.06	328.39	175.21	153.18	0.61	0.169	1.43	0.119	0.97	1.20	0.196	No
955	19.08	328.72	175.40	153.32	0.61	0.169	1.43	0.118	0.97	1.20	0.196	No
956	19.10	329.05	175.60	153.45	0.61	0.169	1.43	0.118	0.97	1.20	0.196	No
957	19.12	329.38	175.80	153.58	0.61	0.169	1.43	0.118	0.97	1.20	0.196	No
958	19.14	329.71	175.99	153.71	0.61	0.169	1.43	0.118	0.97	1.20	0.196	No
959	19.16	330.03	176.19	153.85	0.61	0.169	1.43	0.118	0.97	1.20	0.196	No
960	19.18	330.36	176.38	153.98	0.61	0.169	1.43	0.118	0.97	1.20	0.196	No
961	19.20	330.69	176.58	154.11	0.61	0.169	1.43	0.118	0.97	1.20	0.195	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
962	19.22	331.02	176.78	154.24	0.60	0.169	1.43	0.118	0.97	1.20	0.195	No
963	19.24	331.35	176.97	154.38	0.60	0.169	1.43	0.118	0.97	1.20	0.195	No
964	19.26	331.68	177.17	154.51	0.60	0.169	1.43	0.118	0.97	1.20	0.195	No
965	19.28	332.02	177.36	154.65	0.60	0.168	1.43	0.118	0.97	1.20	0.195	No
966	19.30	332.35	177.56	154.79	0.60	0.168	1.43	0.118	0.97	1.20	0.195	No
967	19.32	332.69	177.76	154.94	0.60	0.168	1.43	0.118	0.97	1.20	0.195	No
968	19.34	333.03	177.95	155.08	0.60	0.168	1.43	0.118	0.97	1.20	0.195	No
969	19.36	333.38	178.15	155.23	0.60	0.168	1.43	0.118	0.97	1.20	0.195	No
970	19.38	333.72	178.35	155.38	0.60	0.168	1.43	0.118	0.97	1.20	0.195	No
971	19.40	334.07	178.54	155.53	0.60	0.168	1.43	0.118	0.97	1.20	0.194	No
972	19.42	334.42	178.74	155.68	0.60	0.168	1.43	0.117	0.97	1.20	0.194	No
973	19.44	334.77	178.93	155.83	0.60	0.168	1.43	0.117	0.97	1.20	0.194	No
974	19.46	335.12	179.13	155.99	0.60	0.168	1.43	0.117	0.97	1.20	0.194	No
975	19.48	335.47	179.33	156.14	0.60	0.168	1.43	0.117	0.97	1.20	0.194	No
976	19.50	335.82	179.52	156.30	0.60	0.167	1.43	0.117	0.96	1.20	0.194	No
977	19.52	336.17	179.72	156.45	0.60	0.167	1.43	0.117	0.96	1.20	0.194	No
978	19.54	336.52	179.92	156.61	0.60	0.167	1.43	0.117	0.96	1.20	0.194	No
979	19.56	336.87	180.11	156.76	0.60	0.167	1.43	0.117	0.96	1.20	0.194	No
980	19.58	337.23	180.31	156.92	0.60	0.167	1.43	0.117	0.96	1.20	0.194	No
981	19.60	337.58	180.50	157.08	0.60	0.167	1.43	0.117	0.96	1.20	0.193	No
982	19.62	337.93	180.70	157.23	0.60	0.167	1.43	0.117	0.96	1.20	0.193	No
983	19.64	338.29	180.90	157.39	0.60	0.167	1.43	0.117	0.96	1.20	0.193	No
984	19.66	338.65	181.09	157.55	0.60	0.167	1.43	0.117	0.96	1.20	0.193	No
985	19.68	339.01	181.29	157.72	0.60	0.167	1.43	0.117	0.96	1.20	0.193	No
986	19.70	339.37	181.49	157.88	0.60	0.167	1.43	0.117	0.96	1.20	0.193	No
987	19.72	339.73	181.68	158.05	0.60	0.166	1.43	0.117	0.96	1.20	0.192	No
988	19.74	340.09	181.88	158.21	0.60	0.166	1.43	0.116	0.96	1.20	0.192	No
989	19.76	340.45	182.07	158.38	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
990	19.78	340.82	182.27	158.55	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
991	19.80	341.18	182.47	158.71	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
992	19.82	341.54	182.66	158.88	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
993	19.84	341.90	182.86	159.04	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
994	19.86	342.26	183.05	159.20	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
995	19.88	342.62	183.25	159.36	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
996	19.90	342.97	183.45	159.52	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
997	19.92	343.33	183.64	159.68	0.59	0.166	1.43	0.116	0.96	1.20	0.192	No
998	19.94	343.68	183.84	159.84	0.59	0.165	1.43	0.116	0.96	1.20	0.192	No
999	19.96	344.03	184.04	159.99	0.59	0.165	1.43	0.116	0.96	1.20	0.192	No
1000	19.98	344.37	184.23	160.14	0.59	0.165	1.43	0.116	0.96	1.20	0.191	No
1001	20.00	344.72	184.43	160.29	0.59	0.165	1.43	0.116	0.96	1.20	0.191	No
1002	20.02	345.06	184.62	160.43	0.59	0.165	1.43	0.116	0.96	1.20	2.000	No
1003	20.04	345.40	184.82	160.58	0.59	0.165	1.43	0.115	0.96	1.20	2.000	No
1004	20.06	345.74	185.02	160.72	0.59	0.165	1.43	0.115	0.96	1.20	2.000	No
1005	20.08	346.08	185.21	160.87	0.59	0.165	1.43	0.115	0.96	1.20	2.000	No
1006	20.10	346.42	185.41	161.01	0.59	0.165	1.43	0.115	0.96	1.20	2.000	No
1007	20.12	346.76	185.61	161.16	0.59	0.165	1.43	0.115	0.96	1.20	2.000	No
1008	20.14	347.10	185.80	161.30	0.59	0.165	1.43	0.115	0.96	1.20	2.000	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
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Abbreviations

Depth: Depth from free surface, at which CPT was performed (m)
 σ_v : Total overburden pressure at test point (KPa)
 u_0 : Water pressure at test point (KPa)
 σ_v' : Effective overburden pressure based on GWT during earthquake (KPa)
 r_d : Nonlinear shear mass factor
 CSR: Cyclic Stress Ratio
 MSF: Magnitude Scaling Factor
 CSR_{eq}: CSR adjusted for M=7.5
 K_σ : Effective overburden stress factor
 CSR*: CSR fully adjusted

:: Cyclic Resistance Ratio (CRR) calculation data ::													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
2	0.02	0.06	100.00	4.06	0.62	1.70	0.65	0.00	0.65	4.000	No	Yes	2.00
3	0.04	0.35	100.00	3.27	0.62	1.70	1.35	0.00	1.35	4.000	No	Yes	2.00
4	0.06	1.13	72.12	2.61	0.58	1.70	13.02	0.00	13.02	4.000	No	Yes	2.00
5	0.08	2.27	43.74	2.26	0.51	1.70	39.13	53.50	92.63	4.000	No	No	2.00
6	0.10	2.65	42.67	2.25	0.46	1.70	58.24	57.68	115.92	4.000	No	No	2.00
7	0.12	2.38	54.52	2.39	0.52	1.70	33.32	56.44	89.76	4.000	No	No	2.00
8	0.14	1.69	75.00	2.65	0.53	1.70	26.27	0.00	26.27	4.000	No	Yes	2.00
9	0.16	1.50	82.54	2.74	0.54	1.70	24.13	0.00	24.13	4.000	No	Yes	2.00
10	0.18	1.46	83.76	2.76	0.54	1.70	23.99	0.00	23.99	4.000	No	Yes	2.00
11	0.20	1.46	85.06	2.78	0.54	1.70	24.05	0.00	24.05	4.000	No	Yes	2.00
12	0.22	1.46	87.35	2.80	0.54	1.70	24.11	0.00	24.11	4.000	No	Yes	2.00
13	0.24	1.49	89.85	2.84	0.53	1.70	24.24	0.00	24.24	4.000	No	Yes	2.00
14	0.26	1.55	91.32	2.85	0.53	1.70	25.63	0.00	25.63	4.000	No	Yes	2.00
15	0.28	1.62	91.95	2.86	0.52	1.70	27.10	0.00	27.10	4.000	No	Yes	2.00
16	0.30	1.67	92.41	2.87	0.52	1.70	27.81	0.00	27.81	4.000	No	Yes	2.00
17	0.32	1.68	93.60	2.88	0.52	1.70	28.21	0.00	28.21	4.000	No	Yes	2.00
18	0.34	1.67	94.83	2.90	0.52	1.70	27.62	0.00	27.62	4.000	No	Yes	2.00
19	0.36	1.64	95.82	2.91	0.52	1.70	27.19	0.00	27.19	4.000	No	Yes	2.00
20	0.38	1.61	96.38	2.92	0.52	1.70	26.91	0.00	26.91	4.000	No	Yes	2.00
21	0.40	1.57	96.87	2.92	0.53	1.70	25.97	0.00	25.97	4.000	No	Yes	2.00
22	0.42	1.51	97.69	2.93	0.53	1.70	25.03	0.00	25.03	4.000	No	Yes	2.00
23	0.44	1.45	98.48	2.94	0.53	1.70	24.01	0.00	24.01	4.000	No	Yes	2.00
24	0.46	1.38	99.63	2.96	0.54	1.70	23.06	0.00	23.06	4.000	No	Yes	2.00
25	0.48	1.30	100.00	2.98	0.54	1.70	21.60	0.00	21.60	4.000	No	Yes	2.00
26	0.50	1.23	100.00	2.99	0.55	1.70	20.22	0.00	20.22	4.000	No	Yes	2.00
27	0.52	1.17	100.00	3.00	0.55	1.70	19.47	0.00	19.47	4.000	No	Yes	2.00
28	0.54	1.12	100.00	3.00	0.55	1.70	18.52	0.00	18.52	4.000	No	Yes	2.00
29	0.56	1.08	100.00	3.00	0.55	1.70	17.85	0.00	17.85	4.000	No	Yes	2.00
30	0.58	1.05	100.00	3.00	0.55	1.70	17.45	0.00	17.45	4.000	No	Yes	2.00
31	0.60	1.03	100.00	3.01	0.56	1.70	17.05	0.00	17.05	4.000	No	Yes	2.00
32	0.62	1.01	100.00	3.02	0.56	1.70	16.62	0.00	16.62	4.000	No	Yes	2.00
33	0.64	1.00	100.00	3.03	0.56	1.70	16.63	0.00	16.63	4.000	No	Yes	2.00
34	0.66	1.00	100.00	3.03	0.56	1.70	16.65	0.00	16.65	4.000	No	Yes	2.00
35	0.68	1.01	100.00	3.03	0.56	1.70	16.68	0.00	16.68	4.000	No	Yes	2.00
36	0.70	1.01	100.00	3.02	0.56	1.70	16.75	0.00	16.75	4.000	No	Yes	2.00
37	0.72	1.01	100.00	3.03	0.56	1.70	17.04	0.00	17.04	4.000	No	Yes	2.00
38	0.74	0.99	100.00	3.04	0.56	1.70	16.68	0.00	16.68	4.000	No	Yes	2.00
39	0.76	0.96	100.00	3.07	0.56	1.70	15.86	0.00	15.86	4.000	No	Yes	2.00
40	0.78	0.92	100.00	3.08	0.56	1.70	15.15	0.00	15.15	4.000	No	Yes	2.00
41	0.80	0.92	100.00	3.08	0.56	1.70	15.00	0.00	15.00	4.000	No	Yes	2.00
42	0.82	0.91	100.00	3.08	0.56	1.70	15.51	0.00	15.51	4.000	No	Yes	2.00
43	0.84	0.90	100.00	3.08	0.56	1.70	14.92	0.00	14.92	4.000	No	Yes	2.00
44	0.86	0.86	100.00	3.10	0.57	1.70	14.37	0.00	14.37	4.000	No	Yes	2.00
45	0.88	0.82	100.00	3.11	0.57	1.70	13.50	0.00	13.50	4.000	No	Yes	2.00
46	0.90	0.79	100.00	3.11	0.57	1.70	12.99	0.00	12.99	4.000	No	Yes	2.00
47	0.92	0.77	100.00	3.11	0.57	1.70	12.82	0.00	12.82	4.000	No	Yes	2.00
48	0.94	0.77	100.00	3.09	0.57	1.70	12.65	0.00	12.65	4.000	No	Yes	2.00
49	0.96	0.76	100.00	3.06	0.57	1.70	12.68	0.00	12.68	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
50	0.98	0.74	100.00	3.03	0.57	1.70	12.33	0.00	12.33	4.000	No	Yes	2.00
51	1.00	0.72	100.00	3.01	0.58	1.70	11.82	0.00	11.82	4.000	No	Yes	2.00
52	1.02	0.73	100.00	3.00	0.58	1.70	10.64	0.00	10.64	4.000	No	Yes	2.00
53	1.04	0.73	100.00	2.99	0.58	1.70	9.88	0.00	9.88	4.000	No	Yes	2.00
54	1.06	0.73	100.00	2.99	0.58	1.70	9.51	0.00	9.51	4.000	No	Yes	2.00
55	1.08	0.73	100.00	2.99	0.58	1.70	9.50	0.00	9.50	4.000	No	Yes	2.00
56	1.10	0.75	100.00	2.99	0.58	1.70	9.78	0.00	9.78	4.000	No	Yes	2.00
57	1.12	0.78	100.00	2.99	0.58	1.70	10.05	0.00	10.05	4.000	No	Yes	2.00
58	1.14	0.84	100.00	2.97	0.58	1.70	10.60	0.00	10.60	4.000	No	Yes	2.00
59	1.16	0.89	99.89	2.96	0.57	1.70	12.22	0.00	12.22	4.000	No	Yes	2.00
60	1.18	0.93	99.53	2.96	0.57	1.70	13.08	0.00	13.08	4.000	No	Yes	2.00
61	1.20	0.91	100.00	2.99	0.57	1.70	13.93	0.00	13.93	4.000	No	Yes	2.00
62	1.22	0.90	100.00	3.00	0.57	1.70	13.14	0.00	13.14	4.000	No	Yes	2.00
63	1.24	0.87	100.00	3.00	0.57	1.70	13.14	0.00	13.14	4.000	No	Yes	2.00
64	1.26	0.87	100.00	2.99	0.57	1.70	13.15	0.00	13.15	4.000	No	Yes	2.00
65	1.28	0.87	100.00	2.99	0.57	1.70	13.18	0.00	13.18	4.000	No	Yes	2.00
66	1.30	0.88	100.00	2.98	0.57	1.70	13.18	0.00	13.18	4.000	No	Yes	2.00
67	1.32	0.91	99.68	2.96	0.57	1.70	13.86	0.00	13.86	4.000	No	Yes	2.00
68	1.34	0.95	97.75	2.93	0.57	1.70	14.55	0.00	14.55	4.000	No	Yes	2.00
69	1.36	0.98	96.38	2.92	0.56	1.70	15.02	0.00	15.02	4.000	No	Yes	2.00
70	1.38	1.02	95.40	2.90	0.56	1.70	15.29	0.00	15.29	4.000	No	Yes	2.00
71	1.40	1.07	94.52	2.89	0.56	1.70	16.79	0.00	16.79	4.000	No	Yes	2.00
72	1.42	1.12	93.42	2.88	0.56	1.70	17.42	0.00	17.42	4.000	No	Yes	2.00
73	1.44	1.15	94.10	2.89	0.55	1.70	17.92	0.00	17.92	4.000	No	Yes	2.00
74	1.46	1.15	96.29	2.92	0.55	1.70	17.96	0.00	17.96	4.000	No	Yes	2.00
75	1.48	1.10	100.00	2.97	0.55	1.70	17.67	0.00	17.67	4.000	No	Yes	2.00
76	1.50	1.02	100.00	3.02	0.56	1.70	15.89	0.00	15.89	4.000	No	Yes	2.00
77	1.52	0.92	100.00	3.07	0.57	1.70	14.33	0.00	14.33	4.000	No	Yes	2.00
78	1.54	0.83	100.00	3.11	0.57	1.70	13.02	0.00	13.02	4.000	No	Yes	2.00
79	1.56	0.74	100.00	3.15	0.58	1.70	11.55	0.00	11.55	4.000	No	Yes	2.00
80	1.58	0.68	100.00	3.17	0.58	1.70	10.07	0.00	10.07	4.000	No	Yes	2.00
81	1.60	0.65	100.00	3.16	0.58	1.70	9.91	0.00	9.91	4.000	No	Yes	2.00
82	1.62	0.64	100.00	3.12	0.58	1.70	9.87	0.00	9.87	4.000	No	Yes	2.00
83	1.64	0.65	100.00	3.10	0.58	1.70	9.94	0.00	9.94	4.000	No	Yes	2.00
84	1.66	0.66	100.00	3.07	0.58	1.70	10.02	0.00	10.02	4.000	No	Yes	2.00
85	1.68	0.73	100.00	2.99	0.58	1.70	10.41	0.00	10.41	4.000	No	Yes	2.00
86	1.70	0.88	91.21	2.85	0.57	1.70	13.32	0.00	13.32	4.000	No	Yes	2.00
87	1.72	1.11	79.38	2.70	0.56	1.70	17.78	0.00	17.78	4.000	No	Yes	2.00
88	1.74	1.35	69.06	2.58	0.55	1.70	21.60	56.74	78.34	0.114	No	No	0.74
89	1.76	1.56	60.77	2.47	0.54	1.70	25.35	56.02	81.36	0.117	No	No	0.76
90	1.78	1.77	52.06	2.36	0.54	1.70	28.50	54.31	82.81	0.119	No	No	0.76
91	1.80	1.96	43.66	2.26	0.54	1.70	32.17	51.72	83.89	0.120	No	No	0.77
92	1.82	2.17	35.85	2.16	0.54	1.70	35.21	47.59	82.80	0.119	No	No	0.76
93	1.84	2.33	30.62	2.10	0.54	1.70	38.64	43.74	82.38	0.118	No	No	0.75
94	1.86	2.46	27.34	2.05	0.54	1.70	40.57	40.43	81.00	0.117	No	No	0.74
95	1.88	2.56	25.20	2.03	0.55	1.70	41.87	37.81	79.68	0.116	No	No	0.72
96	1.90	2.66	24.04	2.01	0.55	1.70	43.60	36.40	80.00	0.116	No	No	0.72
97	1.92	2.77	23.46	2.01	0.54	1.70	45.41	35.79	81.20	0.117	No	No	0.73

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
98	1.94	2.91	21.75	1.98	0.55	1.70	47.27	33.18	80.44	0.116	No	No	0.72
99	1.96	3.10	19.19	1.95	0.55	1.70	50.59	28.65	79.24	0.115	No	No	0.71
100	1.98	3.37	14.44	1.89	0.57	1.70	54.97	17.80	72.77	0.110	No	No	0.66
101	2.00	3.76	9.28	1.83	0.59	1.70	61.10	5.01	66.11	0.104	No	No	0.62
102	2.02	4.23	3.28	1.75	0.57	1.70	69.84	0.00	69.84	0.107	No	No	0.64
103	2.04	4.55	0.00	1.71	0.55	1.70	78.54	0.00	78.54	0.115	No	No	0.69
104	2.06	4.67	0.00	1.70	0.55	1.70	77.48	0.00	77.48	0.114	No	No	0.68
105	2.08	4.46	3.01	1.75	0.56	1.70	75.81	0.00	75.81	0.112	No	No	0.67
106	2.10	4.05	10.24	1.84	0.56	1.70	68.02	7.39	75.40	0.112	No	No	0.66
107	2.12	3.42	20.55	1.97	0.52	1.70	57.34	32.35	89.69	0.125	No	No	0.76
108	2.14	2.75	31.61	2.11	0.52	1.70	44.48	45.96	90.44	0.126	No	No	0.76
109	2.16	2.13	43.37	2.25	0.53	1.70	34.43	52.13	86.56	0.122	No	No	0.73
110	2.18	1.65	55.05	2.40	0.54	1.70	26.28	54.69	80.96	0.117	No	No	0.69
111	2.20	1.33	64.69	2.52	0.56	1.70	20.46	55.53	75.99	0.112	No	No	0.66
112	2.22	1.14	71.70	2.61	0.56	1.70	18.52	0.00	18.52	4.000	No	Yes	2.00
113	2.24	1.03	76.66	2.67	0.56	1.70	16.93	0.00	16.93	4.000	No	Yes	2.00
114	2.26	0.96	80.53	2.72	0.57	1.70	14.94	0.00	14.94	4.000	No	Yes	2.00
115	2.28	0.91	83.41	2.76	0.57	1.70	14.68	0.00	14.68	4.000	No	Yes	2.00
116	2.30	0.91	84.81	2.77	0.57	1.70	14.64	0.00	14.64	4.000	No	Yes	2.00
117	2.32	0.90	86.88	2.80	0.57	1.70	14.60	0.00	14.60	4.000	No	Yes	2.00
118	2.34	0.89	89.89	2.84	0.57	1.70	14.43	0.00	14.43	4.000	No	Yes	2.00
119	2.36	0.87	92.94	2.87	0.57	1.70	13.60	0.00	13.60	4.000	No	Yes	2.00
120	2.38	0.85	95.19	2.90	0.57	1.70	13.55	0.00	13.55	4.000	No	Yes	2.00
121	2.40	0.84	97.56	2.93	0.57	1.70	13.67	0.00	13.67	4.000	No	Yes	2.00
122	2.42	0.80	100.00	2.97	0.57	1.70	12.63	0.00	12.63	4.000	No	Yes	2.00
123	2.44	0.73	100.00	3.03	0.58	1.70	11.59	0.00	11.59	4.000	No	Yes	2.00
124	2.46	0.67	100.00	3.08	0.58	1.70	10.52	0.00	10.52	4.000	No	Yes	2.00
125	2.48	0.62	100.00	3.12	0.58	1.70	9.60	0.00	9.60	4.000	No	Yes	2.00
126	2.50	0.59	100.00	3.13	0.59	1.70	9.23	0.00	9.23	4.000	No	Yes	2.00
127	2.52	0.57	100.00	3.15	0.59	1.70	8.87	0.00	8.87	4.000	No	Yes	2.00
128	2.54	0.53	100.00	3.17	0.59	1.70	8.38	0.00	8.38	4.000	No	Yes	2.00
129	2.56	0.50	100.00	3.20	0.59	1.70	7.58	0.00	7.58	4.000	No	Yes	2.00
130	2.58	0.47	100.00	3.20	0.59	1.70	7.13	0.00	7.13	4.000	No	Yes	2.00
131	2.60	0.45	100.00	3.19	0.59	1.70	6.84	0.00	6.84	4.000	No	Yes	2.00
132	2.62	0.43	100.00	3.18	0.60	1.70	6.67	0.00	6.67	4.000	No	Yes	2.00
133	2.64	0.42	100.00	3.18	0.60	1.70	6.15	0.00	6.15	4.000	No	Yes	2.00
134	2.66	0.40	100.00	3.20	0.60	1.70	6.14	0.00	6.14	4.000	No	Yes	2.00
135	2.68	0.40	100.00	3.19	0.60	1.70	6.14	0.00	6.14	4.000	No	Yes	2.00
136	2.70	0.41	100.00	3.19	0.60	1.70	6.15	0.00	6.15	4.000	No	Yes	2.00
137	2.72	0.41	100.00	3.19	0.60	1.70	6.15	0.00	6.15	4.000	No	Yes	2.00
138	2.74	0.41	100.00	3.19	0.60	1.70	6.18	0.00	6.18	4.000	No	Yes	2.00
139	2.76	0.41	100.00	3.20	0.60	1.70	6.17	0.00	6.17	4.000	No	Yes	2.00
140	2.78	0.41	100.00	3.21	0.60	1.70	6.17	0.00	6.17	4.000	No	Yes	2.00
141	2.80	0.41	100.00	3.22	0.60	1.70	6.17	0.00	6.17	4.000	No	Yes	2.00
142	2.82	0.43	100.00	3.21	0.60	1.70	6.22	0.00	6.22	4.000	No	Yes	2.00
143	2.84	0.48	100.00	3.17	0.59	1.70	7.32	0.00	7.32	4.000	No	Yes	2.00
144	2.86	0.53	100.00	3.14	0.59	1.70	8.55	0.00	8.55	4.000	No	Yes	2.00
145	2.88	0.56	100.00	3.12	0.59	1.70	8.58	0.00	8.58	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
146	2.90	0.57	100.00	3.13	0.59	1.70	8.81	0.00	8.81	4.000	No	Yes	2.00
147	2.92	0.58	100.00	3.12	0.59	1.70	9.04	0.00	9.04	4.000	No	Yes	2.00
148	2.94	0.59	100.00	3.12	0.59	1.70	9.04	0.00	9.04	4.000	No	Yes	2.00
149	2.96	0.59	100.00	3.12	0.59	1.70	9.00	0.00	9.00	4.000	No	Yes	2.00
150	2.98	0.59	100.00	3.13	0.59	1.70	9.11	0.00	9.11	4.000	No	Yes	2.00
151	3.00	0.60	100.00	3.14	0.59	1.70	9.21	0.00	9.21	4.000	No	Yes	2.00
152	3.02	0.62	100.00	3.13	0.58	1.70	9.45	0.00	9.45	4.000	No	Yes	2.00
153	3.04	0.63	100.00	3.13	0.58	1.70	9.92	0.00	9.92	4.000	No	Yes	2.00
154	3.06	0.64	100.00	3.14	0.58	1.70	9.73	0.00	9.73	4.000	No	Yes	2.00
155	3.08	0.66	100.00	3.14	0.58	1.70	10.04	0.00	10.04	4.000	No	Yes	2.00
156	3.10	0.70	100.00	3.11	0.58	1.70	10.94	0.00	10.94	4.000	No	Yes	2.00
157	3.12	0.73	100.00	3.09	0.58	1.70	11.73	0.00	11.73	4.000	No	Yes	2.00
158	3.14	0.73	100.00	3.10	0.58	1.70	11.41	0.00	11.41	4.000	No	Yes	2.00
159	3.16	0.72	100.00	3.13	0.58	1.70	11.44	0.00	11.44	4.000	No	Yes	2.00
160	3.18	0.72	100.00	3.14	0.58	1.70	11.48	0.00	11.48	4.000	No	Yes	2.00
161	3.20	0.73	100.00	3.13	0.58	1.70	11.58	0.00	11.58	4.000	No	Yes	2.00
162	3.22	0.73	100.00	3.10	0.58	1.70	11.61	0.00	11.61	4.000	No	Yes	2.00
163	3.24	0.71	100.00	3.11	0.58	1.70	11.80	0.00	11.80	4.000	No	Yes	2.00
164	3.26	0.66	100.00	3.14	0.58	1.70	10.32	0.00	10.32	4.000	No	Yes	2.00
165	3.28	0.61	100.00	3.18	0.59	1.70	9.20	0.00	9.20	4.000	No	Yes	2.00
166	3.30	0.58	100.00	3.20	0.59	1.70	9.17	0.00	9.17	4.000	No	Yes	2.00
167	3.32	0.58	100.00	3.20	0.59	1.70	9.17	0.00	9.17	4.000	No	Yes	2.00
168	3.34	0.58	100.00	3.20	0.59	1.70	9.17	0.00	9.17	4.000	No	Yes	2.00
169	3.36	0.59	100.00	3.20	0.59	1.70	9.17	0.00	9.17	4.000	No	Yes	2.00
170	3.38	0.63	100.00	3.18	0.58	1.70	9.63	0.00	9.63	4.000	No	Yes	2.00
171	3.40	0.68	100.00	3.15	0.58	1.70	11.00	0.00	11.00	4.000	No	Yes	2.00
172	3.42	0.75	100.00	3.11	0.58	1.70	11.82	0.00	11.82	4.000	No	Yes	2.00
173	3.44	0.78	100.00	3.08	0.57	1.70	12.76	0.00	12.76	4.000	No	Yes	2.00
174	3.46	0.80	100.00	3.08	0.57	1.70	12.91	0.00	12.91	4.000	No	Yes	2.00
175	3.48	0.80	100.00	3.08	0.57	1.70	12.79	0.00	12.79	4.000	No	Yes	2.00
176	3.50	0.80	100.00	3.08	0.57	1.70	12.67	0.00	12.67	4.000	No	Yes	2.00
177	3.52	0.79	100.00	3.07	0.57	1.70	12.92	0.00	12.92	4.000	No	Yes	2.00
178	3.54	0.78	100.00	3.08	0.57	1.70	12.47	0.00	12.47	4.000	No	Yes	2.00
179	3.56	0.75	100.00	3.09	0.58	1.70	11.88	0.00	11.88	4.000	No	Yes	2.00
180	3.58	0.73	100.00	3.10	0.58	1.70	11.58	0.00	11.58	4.000	No	Yes	2.00
181	3.60	0.73	100.00	3.10	0.58	1.70	11.58	0.00	11.58	4.000	No	Yes	2.00
182	3.62	0.73	100.00	3.11	0.58	1.70	11.59	0.00	11.59	4.000	No	Yes	2.00
183	3.64	0.73	100.00	3.12	0.58	1.70	11.59	0.00	11.59	4.000	No	Yes	2.00
184	3.66	0.79	100.00	3.09	0.58	1.70	11.60	0.00	11.60	4.000	No	Yes	2.00
185	3.68	0.87	100.00	3.07	0.56	1.70	14.71	0.00	14.71	4.000	No	Yes	2.00
186	3.70	0.92	100.00	3.04	0.56	1.70	15.49	0.00	15.49	4.000	No	Yes	2.00
187	3.72	0.87	100.00	3.08	0.57	1.70	14.41	0.00	14.41	4.000	No	Yes	2.00
188	3.74	0.80	100.00	3.12	0.57	1.70	12.33	0.00	12.33	4.000	No	Yes	2.00
189	3.76	0.72	100.00	3.15	0.58	1.70	11.61	0.00	11.61	4.000	No	Yes	2.00
190	3.78	0.68	100.00	3.16	0.58	1.70	10.49	0.00	10.49	4.000	No	Yes	2.00
191	3.80	0.65	100.00	3.18	0.58	1.70	10.39	0.00	10.39	4.000	No	Yes	2.00
192	3.82	0.65	100.00	3.18	0.58	1.70	10.39	0.00	10.39	4.000	No	Yes	2.00
193	3.84	0.65	100.00	3.18	0.58	1.70	10.39	0.00	10.39	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
194	3.86	0.66	100.00	3.17	0.58	1.70	10.40	0.00	10.40	4.000	No	Yes	2.00
195	3.88	0.66	100.00	3.15	0.58	1.70	10.59	0.00	10.59	4.000	No	Yes	2.00
196	3.90	0.66	100.00	3.12	0.58	1.70	10.58	0.00	10.58	4.000	No	Yes	2.00
197	3.92	0.64	100.00	3.12	0.58	1.70	10.01	0.00	10.01	4.000	No	Yes	2.00
198	3.94	0.61	100.00	3.14	0.58	1.70	9.53	0.00	9.53	4.000	No	Yes	2.00
199	3.96	0.60	100.00	3.16	0.59	1.70	9.29	0.00	9.29	4.000	No	Yes	2.00
200	3.98	0.59	100.00	3.16	0.59	1.70	9.26	0.00	9.26	4.000	No	Yes	2.00
201	4.00	0.59	100.00	3.16	0.59	1.70	9.27	0.00	9.27	4.000	No	Yes	2.00
202	4.02	0.61	100.00	3.15	0.59	1.70	9.29	0.00	9.29	4.000	No	Yes	2.00
203	4.04	0.61	100.00	3.15	0.58	1.70	10.23	0.00	10.23	4.000	No	Yes	2.00
204	4.06	0.60	100.00	3.16	0.58	1.70	9.40	0.00	9.40	4.000	No	Yes	2.00
205	4.08	0.56	100.00	3.19	0.59	1.70	8.73	0.00	8.73	4.000	No	Yes	2.00
206	4.10	0.52	100.00	3.22	0.59	1.70	7.93	0.00	7.93	4.000	No	Yes	2.00
207	4.12	0.49	100.00	3.23	0.59	1.70	7.50	0.00	7.50	4.000	No	Yes	2.00
208	4.14	0.48	100.00	3.24	0.59	1.70	7.47	0.00	7.47	4.000	No	Yes	2.00
209	4.16	0.48	100.00	3.25	0.59	1.70	7.45	0.00	7.45	4.000	No	Yes	2.00
210	4.18	0.49	100.00	3.24	0.59	1.70	7.43	0.00	7.43	4.000	No	Yes	2.00
211	4.20	0.50	100.00	3.22	0.59	1.69	7.70	0.00	7.70	4.000	No	Yes	2.00
212	4.22	0.52	100.00	3.20	0.59	1.69	7.97	0.00	7.97	4.000	No	Yes	2.00
213	4.24	0.54	100.00	3.18	0.59	1.68	8.14	0.00	8.14	4.000	No	Yes	2.00
214	4.26	0.56	100.00	3.16	0.59	1.68	8.65	0.00	8.65	4.000	No	Yes	2.00
215	4.28	0.57	100.00	3.15	0.59	1.67	8.82	0.00	8.82	4.000	No	Yes	2.00
216	4.30	0.57	100.00	3.15	0.59	1.67	8.70	0.00	8.70	4.000	No	Yes	2.00
217	4.32	0.57	100.00	3.16	0.59	1.67	8.65	0.00	8.65	4.000	No	Yes	2.00
218	4.34	0.57	100.00	3.16	0.59	1.66	8.66	0.00	8.66	4.000	No	Yes	2.00
219	4.36	0.57	100.00	3.17	0.59	1.66	8.67	0.00	8.67	4.000	No	Yes	2.00
220	4.38	0.58	100.00	3.16	0.59	1.66	8.82	0.00	8.82	4.000	No	Yes	2.00
221	4.40	0.59	100.00	3.16	0.59	1.65	9.10	0.00	9.10	4.000	No	Yes	2.00
222	4.42	0.58	100.00	3.16	0.59	1.65	8.78	0.00	8.78	4.000	No	Yes	2.00
223	4.44	0.57	100.00	3.18	0.59	1.65	8.46	0.00	8.46	4.000	No	Yes	2.00
224	4.46	0.56	100.00	3.18	0.59	1.65	8.39	0.00	8.39	4.000	No	Yes	2.00
225	4.48	0.57	100.00	3.17	0.59	1.64	8.54	0.00	8.54	4.000	No	Yes	2.00
226	4.50	0.59	100.00	3.16	0.59	1.64	8.70	0.00	8.70	4.000	No	Yes	2.00
227	4.52	0.62	100.00	3.14	0.59	1.64	9.06	0.00	9.06	4.000	No	Yes	2.00
228	4.54	0.67	100.00	3.11	0.58	1.63	9.79	0.00	9.79	4.000	No	Yes	2.00
229	4.56	0.73	100.00	3.08	0.58	1.62	10.89	0.00	10.89	4.000	No	Yes	2.00
230	4.58	0.78	100.00	3.07	0.57	1.61	11.99	0.00	11.99	4.000	No	Yes	2.00
231	4.60	0.78	100.00	3.08	0.57	1.61	11.99	0.00	11.99	4.000	No	Yes	2.00
232	4.62	0.76	100.00	3.10	0.58	1.61	11.14	0.00	11.14	4.000	No	Yes	2.00
233	4.64	0.74	100.00	3.12	0.58	1.61	10.89	0.00	10.89	4.000	No	Yes	2.00
234	4.66	0.73	100.00	3.13	0.58	1.60	10.91	0.00	10.91	4.000	No	Yes	2.00
235	4.68	0.74	100.00	3.12	0.58	1.60	10.93	0.00	10.93	4.000	No	Yes	2.00
236	4.70	0.75	100.00	3.11	0.58	1.60	11.04	0.00	11.04	4.000	No	Yes	2.00
237	4.72	0.79	100.00	3.08	0.58	1.59	11.29	0.00	11.29	4.000	No	Yes	2.00
238	4.74	0.88	100.00	3.02	0.57	1.58	12.71	0.00	12.71	4.000	No	Yes	2.00
239	4.76	0.97	100.00	2.98	0.56	1.57	14.97	0.00	14.97	4.000	No	Yes	2.00
240	4.78	1.00	100.00	2.99	0.56	1.57	15.14	0.00	15.14	4.000	No	Yes	2.00
241	4.80	0.97	100.00	3.02	0.57	1.57	14.06	0.00	14.06	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
242	4.82	0.92	100.00	3.04	0.57	1.57	13.43	0.00	13.43	4.000	No	Yes	2.00
243	4.84	0.90	100.00	3.05	0.57	1.57	13.11	0.00	13.11	4.000	No	Yes	2.00
244	4.86	0.89	100.00	3.05	0.57	1.56	13.08	0.00	13.08	4.000	No	Yes	2.00
245	4.88	0.90	100.00	3.05	0.57	1.56	13.07	0.00	13.07	4.000	No	Yes	2.00
246	4.90	0.90	100.00	3.05	0.57	1.56	13.05	0.00	13.05	4.000	No	Yes	2.00
247	4.92	0.91	100.00	3.04	0.57	1.55	13.20	0.00	13.20	4.000	No	Yes	2.00
248	4.94	0.90	100.00	3.05	0.57	1.55	13.30	0.00	13.30	4.000	No	Yes	2.00
249	4.96	0.89	100.00	3.05	0.57	1.55	12.76	0.00	12.76	4.000	No	Yes	2.00
250	4.98	0.88	100.00	3.06	0.57	1.55	12.71	0.00	12.71	4.000	No	Yes	2.00
251	5.00	0.88	100.00	3.05	0.57	1.55	12.68	0.00	12.68	4.000	No	Yes	2.00
252	5.02	0.89	100.00	3.03	0.57	1.54	12.66	0.00	12.66	4.000	No	Yes	2.00
253	5.04	0.89	100.00	3.01	0.57	1.54	12.92	0.00	12.92	4.000	No	Yes	2.00
254	5.06	0.87	100.00	3.01	0.57	1.54	12.52	0.00	12.52	4.000	No	Yes	2.00
255	5.08	0.84	100.00	3.03	0.57	1.54	11.94	0.00	11.94	4.000	No	Yes	2.00
256	5.10	0.81	100.00	3.05	0.58	1.54	11.42	0.00	11.42	4.000	No	Yes	2.00
257	5.12	0.79	100.00	3.07	0.58	1.54	11.15	0.00	11.15	4.000	No	Yes	2.00
258	5.14	0.78	100.00	3.06	0.58	1.53	11.07	0.00	11.07	4.000	No	Yes	2.00
259	5.16	0.78	100.00	3.06	0.58	1.53	11.03	0.00	11.03	4.000	No	Yes	2.00
260	5.18	0.78	100.00	3.06	0.58	1.53	10.99	0.00	10.99	4.000	No	Yes	2.00
261	5.20	0.78	100.00	3.06	0.58	1.53	10.98	0.00	10.98	4.000	No	Yes	2.00
262	5.22	0.78	100.00	3.05	0.58	1.52	10.97	0.00	10.97	4.000	No	Yes	2.00
263	5.24	0.78	100.00	3.05	0.58	1.52	10.97	0.00	10.97	4.000	No	Yes	2.00
264	5.26	0.79	100.00	3.05	0.58	1.52	11.06	0.00	11.06	4.000	No	Yes	2.00
265	5.28	0.79	100.00	3.05	0.58	1.52	11.00	0.00	11.00	4.000	No	Yes	2.00
266	5.30	0.80	100.00	3.06	0.58	1.51	11.17	0.00	11.17	4.000	No	Yes	2.00
267	5.32	0.82	100.00	3.04	0.58	1.51	11.33	0.00	11.33	4.000	No	Yes	2.00
268	5.34	0.84	100.00	3.03	0.58	1.51	11.72	0.00	11.72	4.000	No	Yes	2.00
269	5.36	0.85	100.00	3.02	0.58	1.50	11.73	0.00	11.73	4.000	No	Yes	2.00
270	5.38	0.85	100.00	3.02	0.58	1.50	11.74	0.00	11.74	4.000	No	Yes	2.00
271	5.40	0.85	100.00	3.02	0.58	1.50	11.71	0.00	11.71	4.000	No	Yes	2.00
272	5.42	0.86	100.00	3.02	0.58	1.50	11.74	0.00	11.74	4.000	No	Yes	2.00
273	5.44	0.86	100.00	3.02	0.58	1.49	11.77	0.00	11.77	4.000	No	Yes	2.00
274	5.46	0.89	100.00	3.01	0.57	1.49	12.00	0.00	12.00	4.000	No	Yes	2.00
275	5.48	0.94	100.00	3.00	0.57	1.49	12.50	0.00	12.50	4.000	No	Yes	2.00
276	5.50	1.05	99.28	2.95	0.57	1.48	13.77	0.00	13.77	4.000	No	Yes	2.00
277	5.52	1.17	96.14	2.91	0.56	1.47	16.23	0.00	16.23	4.000	No	Yes	2.00
278	5.54	1.27	94.38	2.89	0.56	1.46	17.32	0.00	17.32	4.000	No	Yes	2.00
279	5.56	1.32	94.46	2.89	0.55	1.46	17.97	0.00	17.97	4.000	No	Yes	2.00
280	5.58	1.35	95.00	2.90	0.55	1.45	18.65	0.00	18.65	4.000	No	Yes	2.00
281	5.60	1.38	94.56	2.89	0.55	1.45	18.55	0.00	18.55	4.000	No	Yes	2.00
282	5.62	1.40	93.45	2.88	0.55	1.45	18.92	0.00	18.92	4.000	No	Yes	2.00
283	5.64	1.41	92.39	2.87	0.55	1.44	19.29	0.00	19.29	4.000	No	Yes	2.00
284	5.66	1.39	92.55	2.87	0.55	1.44	18.90	0.00	18.90	4.000	No	Yes	2.00
285	5.68	1.36	93.09	2.88	0.55	1.44	18.08	0.00	18.08	4.000	No	Yes	2.00
286	5.70	1.34	92.87	2.87	0.55	1.44	17.98	0.00	17.98	4.000	No	Yes	2.00
287	5.72	1.32	92.74	2.87	0.55	1.44	18.19	0.00	18.19	4.000	No	Yes	2.00
288	5.74	1.28	93.56	2.88	0.56	1.44	17.22	0.00	17.22	4.000	No	Yes	2.00
289	5.76	1.21	95.73	2.91	0.56	1.44	16.21	0.00	16.21	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
290	5.78	1.16	97.54	2.93	0.56	1.44	15.43	0.00	15.43	4.000	No	Yes	2.00
291	5.80	1.13	98.65	2.95	0.56	1.44	15.03	0.00	15.03	4.000	No	Yes	2.00
292	5.82	1.12	99.00	2.95	0.56	1.43	14.96	0.00	14.96	4.000	No	Yes	2.00
293	5.84	1.12	98.97	2.95	0.56	1.43	14.92	0.00	14.92	4.000	No	Yes	2.00
294	5.86	1.12	98.87	2.95	0.56	1.43	14.91	0.00	14.91	4.000	No	Yes	2.00
295	5.88	1.14	98.21	2.94	0.56	1.43	14.91	0.00	14.91	4.000	No	Yes	2.00
296	5.90	1.18	96.52	2.92	0.56	1.42	15.65	0.00	15.65	4.000	No	Yes	2.00
297	5.92	1.20	95.40	2.90	0.56	1.42	16.16	0.00	16.16	4.000	No	Yes	2.00
298	5.94	1.17	95.95	2.91	0.56	1.42	15.68	0.00	15.68	4.000	No	Yes	2.00
299	5.96	1.10	98.85	2.95	0.57	1.42	14.50	0.00	14.50	4.000	No	Yes	2.00
300	5.98	1.01	100.00	3.00	0.57	1.42	13.44	0.00	13.44	4.000	No	Yes	2.00
301	6.00	0.95	100.00	3.04	0.57	1.42	11.98	0.00	11.98	4.000	No	Yes	2.00
302	6.02	0.91	100.00	3.05	0.57	1.42	11.91	0.00	11.91	4.000	No	Yes	2.00
303	6.04	0.91	100.00	3.03	0.57	1.42	11.89	0.00	11.89	4.000	No	Yes	2.00
304	6.06	0.91	100.00	3.01	0.58	1.42	11.87	0.00	11.87	4.000	No	Yes	2.00
305	6.08	1.01	96.38	2.92	0.58	1.41	11.86	0.00	11.86	4.000	No	Yes	2.00
306	6.10	1.19	87.17	2.80	0.56	1.40	15.99	0.00	15.99	4.000	No	Yes	2.00
307	6.12	1.40	78.55	2.69	0.56	1.39	19.07	0.00	19.07	4.000	No	Yes	2.00
308	6.14	1.51	74.90	2.65	0.55	1.39	20.35	0.00	20.35	4.000	No	Yes	2.00
309	6.16	1.55	73.55	2.63	0.55	1.39	20.61	0.00	20.61	4.000	No	Yes	2.00
310	6.18	1.59	72.65	2.62	0.55	1.38	20.98	0.00	20.98	4.000	No	Yes	2.00
311	6.20	1.62	71.32	2.60	0.55	1.38	21.82	0.00	21.82	4.000	No	Yes	2.00
312	6.22	1.68	69.22	2.58	0.55	1.38	22.19	56.94	79.13	0.115	No	No	0.51
313	6.24	1.72	67.75	2.56	0.54	1.37	23.58	57.06	80.63	0.116	No	No	0.51
314	6.26	1.79	65.77	2.53	0.55	1.37	23.41	56.61	80.01	0.116	No	No	0.51
315	6.28	1.86	64.27	2.52	0.54	1.37	24.94	56.72	81.66	0.117	No	No	0.52
316	6.30	1.91	63.46	2.51	0.54	1.36	26.06	56.86	82.92	0.119	No	No	0.53
317	6.32	1.91	63.73	2.51	0.54	1.36	25.24	56.69	81.93	0.118	No	No	0.52
318	6.34	1.89	64.31	2.52	0.54	1.36	25.07	56.77	81.84	0.118	No	No	0.52
319	6.36	1.88	63.28	2.50	0.54	1.36	24.98	56.51	81.49	0.117	No	No	0.52
320	6.38	2.00	57.65	2.43	0.55	1.36	24.97	55.09	80.06	0.116	No	No	0.51
321	6.40	2.26	48.38	2.32	0.54	1.35	29.89	53.28	83.17	0.119	No	No	0.53
322	6.42	2.79	35.09	2.15	0.54	1.35	34.96	46.95	81.91	0.118	No	No	0.52
323	6.44	3.37	24.21	2.02	0.54	1.35	46.03	37.07	83.10	0.119	No	No	0.53
324	6.46	3.90	16.61	1.92	0.56	1.36	53.33	23.13	76.47	0.113	No	No	0.49
325	6.48	4.14	13.37	1.88	0.57	1.37	56.65	15.10	71.75	0.109	No	No	0.47
326	6.50	4.16	12.91	1.87	0.57	1.37	56.45	13.85	70.29	0.108	No	No	0.46
327	6.52	4.02	14.42	1.89	0.57	1.36	54.43	17.71	72.14	0.109	No	No	0.47
328	6.54	3.78	17.20	1.93	0.56	1.36	50.38	24.22	74.60	0.111	No	No	0.48
329	6.56	3.45	22.71	2.00	0.54	1.34	45.96	34.64	80.60	0.116	No	No	0.51
330	6.58	3.03	30.56	2.09	0.53	1.33	40.49	44.06	84.55	0.120	No	No	0.53
331	6.60	2.52	41.31	2.23	0.54	1.33	33.12	50.69	83.81	0.119	No	No	0.53
332	6.62	1.96	53.52	2.38	0.55	1.34	25.42	53.97	79.39	0.115	No	No	0.50
333	6.64	1.47	66.27	2.54	0.56	1.35	18.61	55.33	73.95	0.111	No	No	0.48
334	6.66	1.13	78.03	2.69	0.57	1.36	14.21	0.00	14.21	4.000	No	Yes	2.00
335	6.68	0.91	87.65	2.81	0.58	1.36	11.77	0.00	11.77	4.000	No	Yes	2.00
336	6.70	0.79	94.97	2.90	0.58	1.36	10.17	0.00	10.17	4.000	No	Yes	2.00
337	6.72	0.73	100.00	2.96	0.59	1.36	9.27	0.00	9.27	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
338	6.74	0.70	100.00	3.00	0.59	1.36	8.89	0.00	8.89	4.000	No	Yes	2.00
339	6.76	0.69	100.00	3.02	0.59	1.36	8.73	0.00	8.73	4.000	No	Yes	2.00
340	6.78	0.69	100.00	3.04	0.59	1.36	8.69	0.00	8.69	4.000	No	Yes	2.00
341	6.80	0.70	100.00	3.06	0.59	1.35	8.65	0.00	8.65	4.000	No	Yes	2.00
342	6.82	0.69	100.00	3.08	0.59	1.35	8.62	0.00	8.62	4.000	No	Yes	2.00
343	6.84	0.69	100.00	3.09	0.59	1.35	8.61	0.00	8.61	4.000	No	Yes	2.00
344	6.86	0.70	100.00	3.09	0.59	1.35	8.60	0.00	8.60	4.000	No	Yes	2.00
345	6.88	0.70	100.00	3.10	0.59	1.35	8.61	0.00	8.61	4.000	No	Yes	2.00
346	6.90	0.70	100.00	3.09	0.59	1.35	8.62	0.00	8.62	4.000	No	Yes	2.00
347	6.92	0.70	100.00	3.09	0.59	1.34	8.66	0.00	8.66	4.000	No	Yes	2.00
348	6.94	0.71	100.00	3.10	0.59	1.34	8.76	0.00	8.76	4.000	No	Yes	2.00
349	6.96	0.71	100.00	3.12	0.59	1.34	8.88	0.00	8.88	4.000	No	Yes	2.00
350	6.98	0.71	100.00	3.16	0.59	1.34	8.77	0.00	8.77	4.000	No	Yes	2.00
351	7.00	0.71	100.00	3.19	0.59	1.34	8.70	0.00	8.70	4.000	No	Yes	2.00
352	7.02	0.71	100.00	3.20	0.59	1.33	8.66	0.00	8.66	4.000	No	Yes	2.00
353	7.04	0.71	100.00	3.20	0.59	1.33	8.64	0.00	8.64	4.000	No	Yes	2.00
354	7.06	0.71	100.00	3.19	0.59	1.33	8.62	0.00	8.62	4.000	No	Yes	2.00
355	7.08	0.71	100.00	3.18	0.59	1.33	8.63	0.00	8.63	4.000	No	Yes	2.00
356	7.10	0.70	100.00	3.15	0.59	1.33	8.56	0.00	8.56	4.000	No	Yes	2.00
357	7.12	0.70	100.00	3.13	0.59	1.33	8.54	0.00	8.54	4.000	No	Yes	2.00
358	7.14	0.70	100.00	3.10	0.59	1.32	8.53	0.00	8.53	4.000	No	Yes	2.00
359	7.17	0.70	100.00	3.10	0.59	1.32	8.52	0.00	8.52	4.000	No	Yes	2.00
360	7.18	0.72	100.00	3.08	0.59	1.32	8.51	0.00	8.51	4.000	No	Yes	2.00
361	7.20	0.73	100.00	3.07	0.59	1.32	9.14	0.00	9.14	4.000	No	Yes	2.00
362	7.22	0.75	100.00	3.06	0.59	1.32	8.97	0.00	8.97	4.000	No	Yes	2.00
363	7.24	0.74	100.00	3.07	0.59	1.32	9.04	0.00	9.04	4.000	No	Yes	2.00
364	7.26	0.73	100.00	3.09	0.59	1.31	8.87	0.00	8.87	4.000	No	Yes	2.00
365	7.28	0.70	100.00	3.12	0.59	1.31	8.43	0.00	8.43	4.000	No	Yes	2.00
366	7.30	0.68	100.00	3.15	0.59	1.31	8.06	0.00	8.06	4.000	No	Yes	2.00
367	7.32	0.65	100.00	3.18	0.59	1.31	7.81	0.00	7.81	4.000	No	Yes	2.00
368	7.34	0.64	100.00	3.19	0.59	1.31	7.53	0.00	7.53	4.000	No	Yes	2.00
369	7.36	0.62	100.00	3.20	0.59	1.31	7.49	0.00	7.49	4.000	No	Yes	2.00
370	7.38	0.60	100.00	3.22	0.59	1.31	7.06	0.00	7.06	4.000	No	Yes	2.00
371	7.40	0.57	100.00	3.25	0.60	1.31	6.75	0.00	6.75	4.000	No	Yes	2.00
372	7.42	0.55	100.00	3.27	0.60	1.31	6.35	0.00	6.35	4.000	No	Yes	2.00
373	7.44	0.53	100.00	3.29	0.60	1.31	6.28	0.00	6.28	4.000	No	Yes	2.00
374	7.46	0.52	100.00	3.30	0.60	1.30	6.07	0.00	6.07	4.000	No	Yes	2.00
375	7.48	0.52	100.00	3.31	0.60	1.30	6.07	0.00	6.07	4.000	No	Yes	2.00
376	7.50	0.52	100.00	3.31	0.60	1.30	6.06	0.00	6.06	4.000	No	Yes	2.00
377	7.52	0.52	100.00	3.31	0.60	1.30	6.06	0.00	6.06	4.000	No	Yes	2.00
378	7.54	0.53	100.00	3.30	0.60	1.30	6.06	0.00	6.06	4.000	No	Yes	2.00
379	7.56	0.54	100.00	3.28	0.60	1.30	6.29	0.00	6.29	4.000	No	Yes	2.00
380	7.58	0.55	100.00	3.28	0.60	1.29	6.44	0.00	6.44	4.000	No	Yes	2.00
381	7.60	0.54	100.00	3.28	0.60	1.29	6.28	0.00	6.28	4.000	No	Yes	2.00
382	7.62	0.53	100.00	3.30	0.60	1.29	6.13	0.00	6.13	4.000	No	Yes	2.00
383	7.64	0.53	100.00	3.31	0.60	1.29	6.06	0.00	6.06	4.000	No	Yes	2.00
384	7.66	0.52	100.00	3.32	0.60	1.29	6.00	0.00	6.00	4.000	No	Yes	2.00
385	7.68	0.52	100.00	3.33	0.60	1.29	5.92	0.00	5.92	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
386	7.70	0.52	100.00	3.34	0.60	1.29	5.91	0.00	5.91	4.000	No	Yes	2.00
387	7.72	0.52	100.00	3.34	0.60	1.29	5.90	0.00	5.90	4.000	No	Yes	2.00
388	7.74	0.52	100.00	3.34	0.60	1.28	5.90	0.00	5.90	4.000	No	Yes	2.00
389	7.76	0.52	100.00	3.34	0.60	1.28	5.90	0.00	5.90	4.000	No	Yes	2.00
390	7.78	0.52	100.00	3.33	0.60	1.28	5.92	0.00	5.92	4.000	No	Yes	2.00
391	7.80	0.52	100.00	3.33	0.60	1.28	5.88	0.00	5.88	4.000	No	Yes	2.00
392	7.82	0.52	100.00	3.33	0.60	1.28	5.92	0.00	5.92	4.000	No	Yes	2.00
393	7.84	0.53	100.00	3.31	0.60	1.28	5.96	0.00	5.96	4.000	No	Yes	2.00
394	7.86	0.54	100.00	3.30	0.60	1.27	6.14	0.00	6.14	4.000	No	Yes	2.00
395	7.88	0.55	100.00	3.29	0.60	1.27	6.25	0.00	6.25	4.000	No	Yes	2.00
396	7.90	0.55	100.00	3.29	0.60	1.27	6.24	0.00	6.24	4.000	No	Yes	2.00
397	7.92	0.55	100.00	3.29	0.60	1.27	6.26	0.00	6.26	4.000	No	Yes	2.00
398	7.94	0.56	100.00	3.30	0.60	1.27	6.28	0.00	6.28	4.000	No	Yes	2.00
399	7.96	0.56	100.00	3.30	0.60	1.27	6.40	0.00	6.40	4.000	No	Yes	2.00
400	7.98	0.57	100.00	3.31	0.60	1.27	6.40	0.00	6.40	4.000	No	Yes	2.00
401	8.00	0.59	100.00	3.30	0.60	1.26	6.57	0.00	6.57	4.000	No	Yes	2.00
402	8.02	0.61	100.00	3.29	0.59	1.26	6.82	0.00	6.82	4.000	No	Yes	2.00
403	8.04	0.64	100.00	3.28	0.59	1.26	7.07	0.00	7.07	4.000	No	Yes	2.00
404	8.06	0.65	100.00	3.28	0.59	1.26	7.18	0.00	7.18	4.000	No	Yes	2.00
405	8.08	0.65	100.00	3.29	0.59	1.26	7.14	0.00	7.14	4.000	No	Yes	2.00
406	8.10	0.65	100.00	3.29	0.59	1.26	7.16	0.00	7.16	4.000	No	Yes	2.00
407	8.12	0.66	100.00	3.29	0.59	1.25	7.36	0.00	7.36	4.000	No	Yes	2.00
408	8.14	0.68	100.00	3.29	0.59	1.25	7.52	0.00	7.52	4.000	No	Yes	2.00
409	8.16	0.68	100.00	3.29	0.59	1.25	7.57	0.00	7.57	4.000	No	Yes	2.00
410	8.18	0.70	100.00	3.28	0.59	1.25	7.64	0.00	7.64	4.000	No	Yes	2.00
411	8.20	0.71	100.00	3.27	0.59	1.25	8.06	0.00	8.06	4.000	No	Yes	2.00
412	8.22	0.71	100.00	3.26	0.59	1.24	7.79	0.00	7.79	4.000	No	Yes	2.00
413	8.24	0.71	100.00	3.26	0.59	1.24	7.89	0.00	7.89	4.000	No	Yes	2.00
414	8.26	0.72	100.00	3.24	0.59	1.24	7.94	0.00	7.94	4.000	No	Yes	2.00
415	8.28	0.73	100.00	3.24	0.59	1.24	8.27	0.00	8.27	4.000	No	Yes	2.00
416	8.30	0.73	100.00	3.23	0.59	1.24	8.06	0.00	8.06	4.000	No	Yes	2.00
417	8.32	0.73	100.00	3.24	0.59	1.24	8.11	0.00	8.11	4.000	No	Yes	2.00
418	8.34	0.74	100.00	3.23	0.59	1.24	8.17	0.00	8.17	4.000	No	Yes	2.00
419	8.36	0.73	100.00	3.23	0.59	1.23	8.19	0.00	8.19	4.000	No	Yes	2.00
420	8.38	0.73	100.00	3.23	0.59	1.23	8.00	0.00	8.00	4.000	No	Yes	2.00
421	8.40	0.72	100.00	3.23	0.59	1.23	7.88	0.00	7.88	4.000	No	Yes	2.00
422	8.42	0.72	100.00	3.22	0.59	1.23	7.86	0.00	7.86	4.000	No	Yes	2.00
423	8.44	0.72	100.00	3.22	0.59	1.23	7.85	0.00	7.85	4.000	No	Yes	2.00
424	8.46	0.72	100.00	3.22	0.59	1.23	7.84	0.00	7.84	4.000	No	Yes	2.00
425	8.48	0.73	100.00	3.22	0.59	1.23	7.83	0.00	7.83	4.000	No	Yes	2.00
426	8.50	0.74	100.00	3.21	0.59	1.22	7.93	0.00	7.93	4.000	No	Yes	2.00
427	8.52	0.76	100.00	3.20	0.59	1.22	8.26	0.00	8.26	4.000	No	Yes	2.00
428	8.54	0.77	100.00	3.20	0.59	1.22	8.33	0.00	8.33	4.000	No	Yes	2.00
429	8.56	0.77	100.00	3.21	0.59	1.22	8.32	0.00	8.32	4.000	No	Yes	2.00
430	8.58	0.77	100.00	3.22	0.59	1.22	8.39	0.00	8.39	4.000	No	Yes	2.00
431	8.60	0.77	100.00	3.22	0.59	1.22	8.30	0.00	8.30	4.000	No	Yes	2.00
432	8.62	0.77	100.00	3.22	0.59	1.21	8.29	0.00	8.29	4.000	No	Yes	2.00
433	8.64	0.77	100.00	3.22	0.59	1.21	8.28	0.00	8.28	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
434	8.66	0.77	100.00	3.22	0.59	1.21	8.35	0.00	8.35	4.000	No	Yes	2.00
435	8.68	0.77	100.00	3.22	0.59	1.21	8.23	0.00	8.23	4.000	No	Yes	2.00
436	8.70	0.76	100.00	3.24	0.59	1.21	8.08	0.00	8.08	4.000	No	Yes	2.00
437	8.72	0.76	100.00	3.24	0.59	1.21	7.99	0.00	7.99	4.000	No	Yes	2.00
438	8.74	0.75	100.00	3.25	0.59	1.21	8.06	0.00	8.06	4.000	No	Yes	2.00
439	8.76	0.75	100.00	3.26	0.59	1.21	7.97	0.00	7.97	4.000	No	Yes	2.00
440	8.78	0.75	100.00	3.26	0.59	1.20	7.90	0.00	7.90	4.000	No	Yes	2.00
441	8.80	0.74	100.00	3.27	0.59	1.20	7.88	0.00	7.88	4.000	No	Yes	2.00
442	8.82	0.74	100.00	3.26	0.59	1.20	7.86	0.00	7.86	4.000	No	Yes	2.00
443	8.84	0.73	100.00	3.26	0.59	1.20	7.88	0.00	7.88	4.000	No	Yes	2.00
444	8.86	0.71	100.00	3.27	0.59	1.20	7.56	0.00	7.56	4.000	No	Yes	2.00
445	8.88	0.69	100.00	3.29	0.59	1.20	7.17	0.00	7.17	4.000	No	Yes	2.00
446	8.90	0.68	100.00	3.30	0.59	1.20	7.14	0.00	7.14	4.000	No	Yes	2.00
447	8.92	0.68	100.00	3.30	0.59	1.20	7.14	0.00	7.14	4.000	No	Yes	2.00
448	8.94	0.69	100.00	3.30	0.59	1.19	7.14	0.00	7.14	4.000	No	Yes	2.00
449	8.96	0.69	100.00	3.30	0.59	1.19	7.22	0.00	7.22	4.000	No	Yes	2.00
450	8.98	0.71	100.00	3.28	0.59	1.19	7.37	0.00	7.37	4.000	No	Yes	2.00
451	9.00	0.74	100.00	3.26	0.59	1.19	7.83	0.00	7.83	4.000	No	Yes	2.00
452	9.02	0.77	100.00	3.24	0.59	1.19	8.25	0.00	8.25	4.000	No	Yes	2.00
453	9.04	0.78	100.00	3.23	0.59	1.19	8.13	0.00	8.13	4.000	No	Yes	2.00
454	9.06	0.78	100.00	3.23	0.59	1.19	8.13	0.00	8.13	4.000	No	Yes	2.00
455	9.08	0.78	100.00	3.23	0.59	1.18	8.17	0.00	8.17	4.000	No	Yes	2.00
456	9.10	0.79	100.00	3.23	0.59	1.18	8.11	0.00	8.11	4.000	No	Yes	2.00
457	9.12	0.79	100.00	3.24	0.59	1.18	8.08	0.00	8.08	4.000	No	Yes	2.00
458	9.14	0.79	100.00	3.25	0.59	1.18	8.06	0.00	8.06	4.000	No	Yes	2.00
459	9.16	0.79	100.00	3.26	0.59	1.18	8.02	0.00	8.02	4.000	No	Yes	2.00
460	9.18	0.79	100.00	3.27	0.59	1.18	8.01	0.00	8.01	4.000	No	Yes	2.00
461	9.20	0.79	100.00	3.28	0.59	1.18	8.01	0.00	8.01	4.000	No	Yes	2.00
462	9.22	0.79	100.00	3.28	0.59	1.17	8.01	0.00	8.01	4.000	No	Yes	2.00
463	9.24	0.80	100.00	3.28	0.59	1.17	8.03	0.00	8.03	4.000	No	Yes	2.00
464	9.26	0.81	100.00	3.27	0.59	1.17	8.23	0.00	8.23	4.000	No	Yes	2.00
465	9.28	0.83	100.00	3.26	0.59	1.17	8.44	0.00	8.44	4.000	No	Yes	2.00
466	9.30	0.85	100.00	3.25	0.59	1.17	8.70	0.00	8.70	4.000	No	Yes	2.00
467	9.32	0.89	100.00	3.23	0.59	1.17	8.95	0.00	8.95	4.000	No	Yes	2.00
468	9.34	0.93	100.00	3.20	0.58	1.16	9.64	0.00	9.64	4.000	No	Yes	2.00
469	9.36	0.96	100.00	3.18	0.58	1.16	10.08	0.00	10.08	4.000	No	Yes	2.00
470	9.38	0.99	100.00	3.16	0.58	1.16	10.20	0.00	10.20	4.000	No	Yes	2.00
471	9.40	1.00	100.00	3.16	0.58	1.16	10.86	0.00	10.86	4.000	No	Yes	2.00
472	9.42	0.99	100.00	3.17	0.58	1.16	10.71	0.00	10.71	4.000	No	Yes	2.00
473	9.44	0.95	100.00	3.20	0.58	1.16	10.24	0.00	10.24	4.000	No	Yes	2.00
474	9.46	0.93	100.00	3.22	0.58	1.16	10.12	0.00	10.12	4.000	No	Yes	2.00
475	9.48	0.92	100.00	3.24	0.58	1.15	10.07	0.00	10.07	4.000	No	Yes	2.00
476	9.50	0.92	100.00	3.25	0.58	1.15	10.04	0.00	10.04	4.000	No	Yes	2.00
477	9.52	0.92	100.00	3.25	0.58	1.15	10.03	0.00	10.03	4.000	No	Yes	2.00
478	9.54	0.92	100.00	3.25	0.58	1.15	10.02	0.00	10.02	4.000	No	Yes	2.00
479	9.56	0.92	100.00	3.26	0.58	1.15	10.02	0.00	10.02	4.000	No	Yes	2.00
480	9.58	0.92	100.00	3.26	0.58	1.15	10.00	0.00	10.00	4.000	No	Yes	2.00
481	9.60	0.92	100.00	3.26	0.58	1.15	9.99	0.00	9.99	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
482	9.62	0.92	100.00	3.25	0.58	1.15	9.98	0.00	9.98	4.000	No	Yes	2.00
483	9.64	0.92	100.00	3.25	0.58	1.14	9.97	0.00	9.97	4.000	No	Yes	2.00
484	9.66	0.92	100.00	3.25	0.58	1.14	10.02	0.00	10.02	4.000	No	Yes	2.00
485	9.68	0.93	100.00	3.24	0.58	1.14	10.01	0.00	10.01	4.000	No	Yes	2.00
486	9.70	0.94	100.00	3.24	0.58	1.14	10.25	0.00	10.25	4.000	No	Yes	2.00
487	9.72	0.95	100.00	3.23	0.58	1.14	10.26	0.00	10.26	4.000	No	Yes	2.00
488	9.74	0.97	100.00	3.22	0.58	1.14	10.30	0.00	10.30	4.000	No	Yes	2.00
489	9.76	0.97	100.00	3.22	0.58	1.14	10.55	0.00	10.55	4.000	No	Yes	2.00
490	9.78	0.97	100.00	3.22	0.58	1.14	10.38	0.00	10.38	4.000	No	Yes	2.00
491	9.80	0.97	100.00	3.23	0.58	1.13	10.37	0.00	10.37	4.000	No	Yes	2.00
492	9.82	0.97	100.00	3.23	0.58	1.13	10.35	0.00	10.35	4.000	No	Yes	2.00
493	9.84	0.97	100.00	3.23	0.58	1.13	10.34	0.00	10.34	4.000	No	Yes	2.00
494	9.86	0.99	100.00	3.21	0.58	1.13	10.35	0.00	10.35	4.000	No	Yes	2.00
495	9.88	1.02	100.00	3.19	0.58	1.13	10.91	0.00	10.91	4.000	No	Yes	2.00
496	9.90	1.04	100.00	3.18	0.58	1.13	11.15	0.00	11.15	4.000	No	Yes	2.00
497	9.92	1.06	100.00	3.18	0.58	1.13	11.06	0.00	11.06	4.000	No	Yes	2.00
498	9.94	1.09	100.00	3.17	0.58	1.12	11.54	0.00	11.54	4.000	No	Yes	2.00
499	9.96	1.13	100.00	3.16	0.57	1.12	11.94	0.00	11.94	4.000	No	Yes	2.00
500	9.98	1.17	100.00	3.14	0.57	1.12	12.32	0.00	12.32	4.000	No	Yes	2.00
501	10.00	1.22	100.00	3.12	0.57	1.12	12.88	0.00	12.88	4.000	No	Yes	2.00
502	10.02	1.26	100.00	3.10	0.57	1.12	13.43	0.00	13.43	4.000	No	Yes	2.00
503	10.04	1.28	100.00	3.09	0.57	1.12	13.47	0.00	13.47	4.000	No	Yes	2.00
504	10.06	1.28	100.00	3.09	0.57	1.12	13.43	0.00	13.43	4.000	No	Yes	2.00
505	10.08	1.28	100.00	3.08	0.57	1.11	13.42	0.00	13.42	4.000	No	Yes	2.00
506	10.10	1.28	100.00	3.08	0.57	1.11	13.41	0.00	13.41	4.000	No	Yes	2.00
507	10.12	1.28	100.00	3.08	0.57	1.11	13.45	0.00	13.45	4.000	No	Yes	2.00
508	10.14	1.25	100.00	3.09	0.57	1.11	13.19	0.00	13.19	4.000	No	Yes	2.00
509	10.16	1.23	100.00	3.11	0.57	1.11	12.64	0.00	12.64	4.000	No	Yes	2.00
510	10.18	1.20	100.00	3.13	0.57	1.11	12.47	0.00	12.47	4.000	No	Yes	2.00
511	10.20	1.17	100.00	3.14	0.57	1.11	12.37	0.00	12.37	4.000	No	Yes	2.00
512	10.22	1.14	100.00	3.17	0.58	1.11	11.66	0.00	11.66	4.000	No	Yes	2.00
513	10.24	1.09	100.00	3.20	0.58	1.11	11.39	0.00	11.39	4.000	No	Yes	2.00
514	10.26	1.06	100.00	3.22	0.58	1.10	10.83	0.00	10.83	4.000	No	Yes	2.00
515	10.28	1.02	100.00	3.24	0.58	1.10	10.61	0.00	10.61	4.000	No	Yes	2.00
516	10.30	1.00	100.00	3.24	0.58	1.10	10.32	0.00	10.32	4.000	No	Yes	2.00
517	10.32	0.98	100.00	3.25	0.58	1.10	10.12	0.00	10.12	4.000	No	Yes	2.00
518	10.34	0.96	100.00	3.26	0.58	1.10	9.91	0.00	9.91	4.000	No	Yes	2.00
519	10.36	0.93	100.00	3.26	0.58	1.10	9.54	0.00	9.54	4.000	No	Yes	2.00
520	10.38	0.92	100.00	3.27	0.59	1.10	9.29	0.00	9.29	4.000	No	Yes	2.00
521	10.40	0.91	100.00	3.28	0.59	1.10	9.27	0.00	9.27	4.000	No	Yes	2.00
522	10.42	0.91	100.00	3.28	0.59	1.10	9.26	0.00	9.26	4.000	No	Yes	2.00
523	10.44	0.91	100.00	3.28	0.59	1.10	9.25	0.00	9.25	4.000	No	Yes	2.00
524	10.46	0.92	100.00	3.28	0.59	1.09	9.24	0.00	9.24	4.000	No	Yes	2.00
525	10.48	0.94	100.00	3.27	0.58	1.09	9.56	0.00	9.56	4.000	No	Yes	2.00
526	10.50	0.97	100.00	3.25	0.58	1.09	9.93	0.00	9.93	4.000	No	Yes	2.00
527	10.52	1.01	100.00	3.24	0.58	1.09	10.14	0.00	10.14	4.000	No	Yes	2.00
528	10.54	1.05	100.00	3.22	0.58	1.09	10.56	0.00	10.56	4.000	No	Yes	2.00
529	10.56	1.11	100.00	3.19	0.58	1.09	11.23	0.00	11.23	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
530	10.58	1.16	100.00	3.17	0.58	1.09	11.82	0.00	11.82	4.000	No	Yes	2.00
531	10.60	1.21	100.00	3.15	0.57	1.08	12.16	0.00	12.16	4.000	No	Yes	2.00
532	10.62	1.27	100.00	3.12	0.57	1.08	12.82	0.00	12.82	4.000	No	Yes	2.00
533	10.64	1.30	100.00	3.10	0.57	1.08	13.58	0.00	13.58	4.000	No	Yes	2.00
534	10.66	1.32	100.00	3.08	0.57	1.08	13.14	0.00	13.14	4.000	No	Yes	2.00
535	10.68	1.31	100.00	3.08	0.57	1.08	13.18	0.00	13.18	4.000	No	Yes	2.00
536	10.70	1.32	100.00	3.07	0.57	1.08	13.21	0.00	13.21	4.000	No	Yes	2.00
537	10.72	1.33	100.00	3.06	0.57	1.08	13.30	0.00	13.30	4.000	No	Yes	2.00
538	10.74	1.34	100.00	3.06	0.57	1.08	13.54	0.00	13.54	4.000	No	Yes	2.00
539	10.76	1.35	100.00	3.06	0.57	1.07	13.47	0.00	13.47	4.000	No	Yes	2.00
540	10.78	1.34	100.00	3.07	0.57	1.07	13.38	0.00	13.38	4.000	No	Yes	2.00
541	10.80	1.34	100.00	3.07	0.57	1.07	13.29	0.00	13.29	4.000	No	Yes	2.00
542	10.82	1.33	100.00	3.08	0.57	1.07	13.30	0.00	13.30	4.000	No	Yes	2.00
543	10.84	1.34	100.00	3.08	0.57	1.07	13.26	0.00	13.26	4.000	No	Yes	2.00
544	10.86	1.33	100.00	3.10	0.57	1.07	13.33	0.00	13.33	4.000	No	Yes	2.00
545	10.88	1.32	100.00	3.12	0.57	1.07	13.07	0.00	13.07	4.000	No	Yes	2.00
546	10.90	1.30	100.00	3.14	0.57	1.07	12.78	0.00	12.78	4.000	No	Yes	2.00
547	10.92	1.27	100.00	3.16	0.57	1.07	12.67	0.00	12.67	4.000	No	Yes	2.00
548	10.94	1.24	100.00	3.18	0.57	1.07	12.17	0.00	12.17	4.000	No	Yes	2.00
549	10.96	1.20	100.00	3.20	0.58	1.06	11.86	0.00	11.86	4.000	No	Yes	2.00
550	10.98	1.15	100.00	3.23	0.58	1.06	11.41	0.00	11.41	4.000	No	Yes	2.00
551	11.00	1.11	100.00	3.24	0.58	1.06	10.55	0.00	10.55	4.000	No	Yes	2.00
552	11.02	1.08	100.00	3.25	0.58	1.06	10.86	0.00	10.86	4.000	No	Yes	2.00
553	11.04	1.06	100.00	3.24	0.58	1.06	10.36	0.00	10.36	4.000	No	Yes	2.00
554	11.06	1.01	100.00	3.24	0.58	1.06	9.95	0.00	9.95	4.000	No	Yes	2.00
555	11.08	0.98	100.00	3.25	0.58	1.06	9.44	0.00	9.44	4.000	No	Yes	2.00
556	11.10	0.94	100.00	3.25	0.59	1.06	9.11	0.00	9.11	4.000	No	Yes	2.00
557	11.12	0.92	100.00	3.25	0.59	1.06	8.82	0.00	8.82	4.000	No	Yes	2.00
558	11.14	0.89	100.00	3.26	0.59	1.06	8.69	0.00	8.69	4.000	No	Yes	2.00
559	11.16	0.87	100.00	3.25	0.59	1.06	8.16	0.00	8.16	4.000	No	Yes	2.00
560	11.18	0.84	100.00	3.24	0.59	1.05	8.14	0.00	8.14	4.000	No	Yes	2.00
561	11.20	0.81	100.00	3.24	0.59	1.05	7.74	0.00	7.74	4.000	No	Yes	2.00
562	11.22	0.77	100.00	3.24	0.59	1.05	7.19	0.00	7.19	4.000	No	Yes	2.00
563	11.24	0.75	100.00	3.22	0.59	1.05	6.93	0.00	6.93	4.000	No	Yes	2.00
564	11.26	0.74	100.00	3.20	0.59	1.05	7.22	0.00	7.22	4.000	No	Yes	2.00
565	11.28	0.73	100.00	3.19	0.60	1.05	6.62	0.00	6.62	4.000	No	Yes	2.00
566	11.30	0.70	100.00	3.20	0.60	1.05	6.42	0.00	6.42	4.000	No	Yes	2.00
567	11.32	0.69	100.00	3.21	0.60	1.05	6.25	0.00	6.25	4.000	No	Yes	2.00
568	11.34	0.69	100.00	3.21	0.60	1.05	6.23	0.00	6.23	4.000	No	Yes	2.00
569	11.36	0.69	100.00	3.21	0.60	1.05	6.23	0.00	6.23	4.000	No	Yes	2.00
570	11.38	0.69	100.00	3.21	0.60	1.05	6.23	0.00	6.23	4.000	No	Yes	2.00
571	11.40	0.71	100.00	3.18	0.60	1.05	6.24	0.00	6.24	4.000	No	Yes	2.00
572	11.42	0.75	100.00	3.14	0.59	1.05	6.83	0.00	6.83	4.000	No	Yes	2.00
573	11.44	0.79	100.00	3.11	0.59	1.04	7.31	0.00	7.31	4.000	No	Yes	2.00
574	11.46	0.80	100.00	3.11	0.59	1.04	7.16	0.00	7.16	4.000	No	Yes	2.00
575	11.48	0.79	100.00	3.12	0.59	1.04	7.01	0.00	7.01	4.000	No	Yes	2.00
576	11.50	0.78	100.00	3.12	0.59	1.04	7.00	0.00	7.00	4.000	No	Yes	2.00
577	11.52	0.78	100.00	3.12	0.59	1.04	7.00	0.00	7.00	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
578	11.54	0.79	100.00	3.12	0.59	1.04	7.00	0.00	7.00	4.000	No	Yes	2.00
579	11.56	0.84	100.00	3.08	0.59	1.04	7.07	0.00	7.07	4.000	No	Yes	2.00
580	11.58	0.93	100.00	3.02	0.59	1.04	8.25	0.00	8.25	4.000	No	Yes	2.00
581	11.60	1.07	98.18	2.94	0.58	1.04	9.43	0.00	9.43	4.000	No	Yes	2.00
582	11.62	1.20	93.56	2.88	0.58	1.04	11.23	0.00	11.23	4.000	No	Yes	2.00
583	11.64	1.32	89.89	2.84	0.58	1.04	12.00	0.00	12.00	4.000	No	Yes	2.00
584	11.66	1.40	88.02	2.81	0.57	1.03	12.81	0.00	12.81	4.000	No	Yes	2.00
585	11.68	1.47	86.71	2.80	0.57	1.03	13.59	0.00	13.59	4.000	No	Yes	2.00
586	11.70	1.52	86.50	2.79	0.57	1.03	13.97	0.00	13.97	4.000	No	Yes	2.00
587	11.72	1.54	86.82	2.80	0.57	1.03	14.03	0.00	14.03	4.000	No	Yes	2.00
588	11.74	1.55	86.94	2.80	0.57	1.03	14.03	0.00	14.03	4.000	No	Yes	2.00
589	11.76	1.56	86.72	2.80	0.57	1.03	14.23	0.00	14.23	4.000	No	Yes	2.00
590	11.78	1.55	87.00	2.80	0.57	1.03	14.15	0.00	14.15	4.000	No	Yes	2.00
591	11.80	1.53	87.68	2.81	0.57	1.03	13.69	0.00	13.69	4.000	No	Yes	2.00
592	11.82	1.51	88.34	2.82	0.57	1.03	13.65	0.00	13.65	4.000	No	Yes	2.00
593	11.84	1.51	88.50	2.82	0.57	1.03	13.63	0.00	13.63	4.000	No	Yes	2.00
594	11.86	1.52	88.77	2.82	0.57	1.03	13.61	0.00	13.61	4.000	No	Yes	2.00
595	11.88	1.52	89.35	2.83	0.57	1.02	13.62	0.00	13.62	4.000	No	Yes	2.00
596	11.90	1.52	91.48	2.86	0.57	1.02	13.63	0.00	13.63	4.000	No	Yes	2.00
597	11.92	1.54	92.42	2.87	0.57	1.02	13.70	0.00	13.70	4.000	No	Yes	2.00
598	11.94	1.57	93.10	2.88	0.57	1.02	14.18	0.00	14.18	4.000	No	Yes	2.00
599	11.96	1.61	92.52	2.87	0.57	1.02	14.47	0.00	14.47	4.000	No	Yes	2.00
600	11.98	1.76	87.96	2.81	0.57	1.02	14.58	0.00	14.58	4.000	No	Yes	2.00
601	12.00	1.84	85.55	2.78	0.55	1.02	18.78	0.00	18.78	4.000	No	Yes	2.00
602	12.02	1.89	83.59	2.76	0.56	1.02	16.83	0.00	16.83	4.000	No	Yes	2.00
603	12.04	1.81	85.96	2.79	0.56	1.02	16.21	0.00	16.21	4.000	No	Yes	2.00
604	12.06	1.79	86.43	2.79	0.56	1.02	16.20	0.00	16.20	4.000	No	Yes	2.00
605	12.08	1.80	86.17	2.79	0.56	1.01	16.19	0.00	16.19	4.000	No	Yes	2.00
606	12.10	1.82	85.84	2.79	0.56	1.01	16.23	0.00	16.23	4.000	No	Yes	2.00
607	12.12	1.85	85.96	2.79	0.56	1.01	16.35	0.00	16.35	4.000	No	Yes	2.00
608	12.14	1.89	86.00	2.79	0.56	1.01	16.94	0.00	16.94	4.000	No	Yes	2.00
609	12.16	1.93	87.46	2.81	0.56	1.01	17.20	0.00	17.20	4.000	No	Yes	2.00
610	12.18	1.96	88.92	2.82	0.56	1.01	17.17	0.00	17.17	4.000	No	Yes	2.00
611	12.20	2.00	90.62	2.85	0.56	1.01	17.80	0.00	17.80	4.000	No	Yes	2.00
612	12.22	2.07	91.20	2.85	0.55	1.01	18.43	0.00	18.43	4.000	No	Yes	2.00
613	12.24	2.15	91.38	2.85	0.55	1.01	19.14	0.00	19.14	4.000	No	Yes	2.00
614	12.26	2.21	91.71	2.86	0.55	1.01	20.27	0.00	20.27	4.000	No	Yes	2.00
615	12.28	2.23	92.44	2.87	0.55	1.01	20.27	0.00	20.27	4.000	No	Yes	2.00
616	12.30	2.21	93.62	2.88	0.55	1.00	20.08	0.00	20.08	4.000	No	Yes	2.00
617	12.32	2.19	94.37	2.89	0.55	1.00	20.10	0.00	20.10	4.000	No	Yes	2.00
618	12.34	2.15	95.08	2.90	0.55	1.00	19.96	0.00	19.96	4.000	No	Yes	2.00
619	12.36	2.10	95.44	2.91	0.55	1.00	19.05	0.00	19.05	4.000	No	Yes	2.00
620	12.38	2.04	96.26	2.92	0.55	1.00	18.51	0.00	18.51	4.000	No	Yes	2.00
621	12.40	2.01	96.66	2.92	0.55	1.00	18.12	0.00	18.12	4.000	No	Yes	2.00
622	12.42	1.99	97.07	2.93	0.55	1.00	18.01	0.00	18.01	4.000	No	Yes	2.00
623	12.44	1.99	97.23	2.93	0.55	1.00	17.90	0.00	17.90	4.000	No	Yes	2.00
624	12.46	1.98	97.55	2.93	0.55	1.00	17.79	0.00	17.79	4.000	No	Yes	2.00
625	12.48	1.97	97.69	2.93	0.55	1.00	17.68	0.00	17.68	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
626	12.50	1.96	97.75	2.93	0.55	1.00	17.61	0.00	17.61	4.000	No	Yes	2.00
627	12.52	1.95	97.52	2.93	0.55	0.99	17.55	0.00	17.55	4.000	No	Yes	2.00
628	12.54	1.94	97.73	2.93	0.55	0.99	17.55	0.00	17.55	4.000	No	Yes	2.00
629	12.56	1.93	98.13	2.94	0.56	0.99	17.25	0.00	17.25	4.000	No	Yes	2.00
630	12.58	1.92	98.66	2.95	0.56	0.99	17.09	0.00	17.09	4.000	No	Yes	2.00
631	12.60	1.87	99.51	2.96	0.56	0.99	17.13	0.00	17.13	4.000	No	Yes	2.00
632	12.62	1.79	100.00	2.97	0.56	0.99	16.19	0.00	16.19	4.000	No	Yes	2.00
633	12.64	1.67	100.00	2.99	0.56	0.99	15.57	0.00	15.57	4.000	No	Yes	2.00
634	12.66	1.59	100.00	3.01	0.57	0.99	14.12	0.00	14.12	4.000	No	Yes	2.00
635	12.68	1.54	100.00	3.01	0.57	0.99	14.11	0.00	14.11	4.000	No	Yes	2.00
636	12.70	1.55	100.00	2.98	0.57	0.99	14.10	0.00	14.10	4.000	No	Yes	2.00
637	12.72	1.56	99.56	2.96	0.57	0.99	14.09	0.00	14.09	4.000	No	Yes	2.00
638	12.74	1.65	95.53	2.91	0.57	0.98	14.24	0.00	14.24	4.000	No	Yes	2.00
639	12.76	1.81	90.13	2.84	0.56	0.98	16.56	0.00	16.56	4.000	No	Yes	2.00
640	12.78	1.95	85.92	2.79	0.55	0.98	18.49	0.00	18.49	4.000	No	Yes	2.00
641	12.80	2.00	84.71	2.77	0.56	0.98	18.40	0.00	18.40	4.000	No	Yes	2.00
642	12.82	1.97	85.47	2.78	0.56	0.98	17.95	0.00	17.95	4.000	No	Yes	2.00
643	12.84	1.96	85.95	2.79	0.56	0.98	17.85	0.00	17.85	4.000	No	Yes	2.00
644	12.86	1.97	85.96	2.79	0.56	0.98	17.95	0.00	17.95	4.000	No	Yes	2.00
645	12.88	2.00	86.53	2.79	0.56	0.98	18.06	0.00	18.06	4.000	No	Yes	2.00
646	12.90	2.00	88.30	2.82	0.55	0.98	18.31	0.00	18.31	4.000	No	Yes	2.00
647	12.92	1.97	90.76	2.85	0.55	0.98	18.05	0.00	18.05	4.000	No	Yes	2.00
648	12.94	1.92	93.01	2.88	0.56	0.98	17.17	0.00	17.17	4.000	No	Yes	2.00
649	12.96	1.88	93.96	2.89	0.56	0.98	17.05	0.00	17.05	4.000	No	Yes	2.00
650	12.98	1.93	92.01	2.86	0.56	0.97	16.94	0.00	16.94	4.000	No	Yes	2.00
651	13.00	1.89	91.82	2.86	0.55	0.97	18.48	0.00	18.48	4.000	No	Yes	2.00
652	13.02	1.82	92.74	2.87	0.56	0.97	15.83	0.00	15.83	4.000	No	Yes	2.00
653	13.04	1.68	96.33	2.92	0.56	0.97	14.88	0.00	14.88	4.000	No	Yes	2.00
654	13.06	1.64	97.53	2.93	0.57	0.97	14.56	0.00	14.56	4.000	No	Yes	2.00
655	13.08	1.63	97.49	2.93	0.57	0.97	14.51	0.00	14.51	4.000	No	Yes	2.00
656	13.10	1.63	97.17	2.93	0.57	0.97	14.51	0.00	14.51	4.000	No	Yes	2.00
657	13.12	1.64	96.39	2.92	0.57	0.97	14.51	0.00	14.51	4.000	No	Yes	2.00
658	13.14	1.74	91.70	2.86	0.57	0.97	14.62	0.00	14.62	4.000	No	Yes	2.00
659	13.16	1.83	87.02	2.80	0.56	0.97	17.04	0.00	17.04	4.000	No	Yes	2.00
660	13.18	1.81	86.09	2.79	0.56	0.97	17.09	0.00	17.09	4.000	No	Yes	2.00
661	13.20	1.60	92.11	2.86	0.57	0.97	13.83	0.00	13.83	4.000	No	Yes	2.00
662	13.22	1.39	98.55	2.94	0.58	0.96	11.34	0.00	11.34	4.000	No	Yes	2.00
663	13.24	1.29	100.00	2.98	0.58	0.96	10.97	0.00	10.97	4.000	No	Yes	2.00
664	13.26	1.28	100.00	2.96	0.58	0.96	10.93	0.00	10.93	4.000	No	Yes	2.00
665	13.28	1.29	99.53	2.96	0.58	0.96	10.94	0.00	10.94	4.000	No	Yes	2.00
666	13.30	1.31	98.40	2.94	0.58	0.96	10.96	0.00	10.96	4.000	No	Yes	2.00
667	13.32	1.33	96.75	2.92	0.58	0.96	11.12	0.00	11.12	4.000	No	Yes	2.00
668	13.34	1.34	95.76	2.91	0.58	0.96	11.44	0.00	11.44	4.000	No	Yes	2.00
669	13.36	1.34	95.54	2.91	0.58	0.96	11.01	0.00	11.01	4.000	No	Yes	2.00
670	13.38	1.31	96.45	2.92	0.58	0.96	10.87	0.00	10.87	4.000	No	Yes	2.00
671	13.40	1.31	96.62	2.92	0.58	0.96	10.79	0.00	10.79	4.000	No	Yes	2.00
672	13.42	1.31	96.69	2.92	0.58	0.96	10.79	0.00	10.79	4.000	No	Yes	2.00
673	13.44	1.31	96.58	2.92	0.58	0.96	10.78	0.00	10.78	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
674	13.46	1.32	96.24	2.92	0.58	0.96	10.79	0.00	10.79	4.000	No	Yes	2.00
675	13.48	1.34	96.21	2.92	0.58	0.95	10.95	0.00	10.95	4.000	No	Yes	2.00
676	13.50	1.36	96.39	2.92	0.58	0.95	10.99	0.00	10.99	4.000	No	Yes	2.00
677	13.52	1.36	97.40	2.93	0.58	0.95	10.97	0.00	10.97	4.000	No	Yes	2.00
678	13.54	1.38	98.09	2.94	0.58	0.95	10.98	0.00	10.98	4.000	No	Yes	2.00
679	13.56	1.41	98.44	2.94	0.58	0.95	11.44	0.00	11.44	4.000	No	Yes	2.00
680	13.58	1.43	99.08	2.95	0.58	0.95	11.68	0.00	11.68	4.000	No	Yes	2.00
681	13.60	1.44	99.65	2.96	0.58	0.95	11.60	0.00	11.60	4.000	No	Yes	2.00
682	13.62	1.44	100.00	2.97	0.58	0.95	11.64	0.00	11.64	4.000	No	Yes	2.00
683	13.64	1.45	100.00	2.97	0.58	0.95	11.68	0.00	11.68	4.000	No	Yes	2.00
684	13.66	1.46	100.00	2.97	0.58	0.95	11.72	0.00	11.72	4.000	No	Yes	2.00
685	13.68	1.48	100.00	2.97	0.57	0.95	12.02	0.00	12.02	4.000	No	Yes	2.00
686	13.70	1.50	100.00	2.97	0.57	0.95	12.02	0.00	12.02	4.000	No	Yes	2.00
687	13.72	1.55	99.53	2.96	0.57	0.95	12.32	0.00	12.32	4.000	No	Yes	2.00
688	13.74	1.62	98.52	2.94	0.57	0.95	13.26	0.00	13.26	4.000	No	Yes	2.00
689	13.76	1.70	98.08	2.94	0.57	0.95	13.85	0.00	13.85	4.000	No	Yes	2.00
690	13.78	1.77	98.58	2.94	0.57	0.94	14.43	0.00	14.43	4.000	No	Yes	2.00
691	13.80	1.85	98.94	2.95	0.56	0.94	15.24	0.00	15.24	4.000	No	Yes	2.00
692	13.82	1.96	98.42	2.94	0.56	0.94	16.13	0.00	16.13	4.000	No	Yes	2.00
693	13.84	2.06	98.19	2.94	0.56	0.94	17.37	0.00	17.37	4.000	No	Yes	2.00
694	13.86	2.11	98.45	2.94	0.55	0.94	18.06	0.00	18.06	4.000	No	Yes	2.00
695	13.88	2.11	99.45	2.96	0.55	0.94	17.80	0.00	17.80	4.000	No	Yes	2.00
696	13.90	2.09	100.00	2.97	0.55	0.94	17.78	0.00	17.78	4.000	No	Yes	2.00
697	13.92	2.08	100.00	2.97	0.55	0.94	17.77	0.00	17.77	4.000	No	Yes	2.00
698	13.94	2.08	100.00	2.97	0.55	0.94	17.75	0.00	17.75	4.000	No	Yes	2.00
699	13.96	2.08	100.00	2.97	0.55	0.94	17.74	0.00	17.74	4.000	No	Yes	2.00
700	13.98	2.10	100.00	2.97	0.55	0.94	17.87	0.00	17.87	4.000	No	Yes	2.00
701	14.00	2.11	100.00	2.98	0.55	0.94	18.16	0.00	18.16	4.000	No	Yes	2.00
702	14.02	2.11	100.00	2.99	0.55	0.94	18.07	0.00	18.07	4.000	No	Yes	2.00
703	14.04	2.07	100.00	3.00	0.55	0.94	17.86	0.00	17.86	4.000	No	Yes	2.00
704	14.06	2.02	100.00	3.01	0.56	0.93	17.31	0.00	17.31	4.000	No	Yes	2.00
705	14.08	1.95	100.00	3.03	0.56	0.93	17.11	0.00	17.11	4.000	No	Yes	2.00
706	14.10	1.87	100.00	3.05	0.56	0.93	15.98	0.00	15.98	4.000	No	Yes	2.00
707	14.12	1.78	100.00	3.08	0.56	0.93	15.08	0.00	15.08	4.000	No	Yes	2.00
708	14.14	1.71	100.00	3.10	0.56	0.93	14.60	0.00	14.60	4.000	No	Yes	2.00
709	14.16	1.65	100.00	3.12	0.57	0.93	14.14	0.00	14.14	4.000	No	Yes	2.00
710	14.18	1.59	100.00	3.13	0.57	0.93	13.51	0.00	13.51	4.000	No	Yes	2.00
711	14.20	1.52	100.00	3.16	0.57	0.93	13.18	0.00	13.18	4.000	No	Yes	2.00
712	14.22	1.45	100.00	3.18	0.57	0.93	12.25	0.00	12.25	4.000	No	Yes	2.00
713	14.24	1.38	100.00	3.20	0.58	0.93	11.64	0.00	11.64	4.000	No	Yes	2.00
714	14.26	1.34	100.00	3.20	0.58	0.92	11.28	0.00	11.28	4.000	No	Yes	2.00
715	14.28	1.31	100.00	3.21	0.58	0.92	11.09	0.00	11.09	4.000	No	Yes	2.00
716	14.30	1.26	100.00	3.22	0.58	0.92	10.64	0.00	10.64	4.000	No	Yes	2.00
717	14.32	1.23	100.00	3.23	0.58	0.92	10.11	0.00	10.11	4.000	No	Yes	2.00
718	14.34	1.21	100.00	3.24	0.58	0.92	10.08	0.00	10.08	4.000	No	Yes	2.00
719	14.36	1.20	100.00	3.24	0.58	0.92	10.05	0.00	10.05	4.000	No	Yes	2.00
720	14.38	1.20	100.00	3.24	0.58	0.92	10.04	0.00	10.04	4.000	No	Yes	2.00
721	14.40	1.20	100.00	3.24	0.58	0.92	10.02	0.00	10.02	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
722	14.42	1.20	100.00	3.24	0.58	0.92	10.02	0.00	10.02	4.000	No	Yes	2.00
723	14.44	1.20	100.00	3.25	0.58	0.92	10.02	0.00	10.02	4.000	No	Yes	2.00
724	14.46	1.21	100.00	3.25	0.58	0.92	10.02	0.00	10.02	4.000	No	Yes	2.00
725	14.48	1.21	100.00	3.25	0.58	0.92	10.05	0.00	10.05	4.000	No	Yes	2.00
726	14.50	1.21	100.00	3.26	0.58	0.91	10.10	0.00	10.10	4.000	No	Yes	2.00
727	14.52	1.22	100.00	3.26	0.58	0.91	10.09	0.00	10.09	4.000	No	Yes	2.00
728	14.54	1.22	100.00	3.26	0.58	0.91	10.15	0.00	10.15	4.000	No	Yes	2.00
729	14.56	1.25	100.00	3.25	0.58	0.91	10.21	0.00	10.21	4.000	No	Yes	2.00
730	14.58	1.28	100.00	3.24	0.58	0.91	10.76	0.00	10.76	4.000	No	Yes	2.00
731	14.60	1.31	100.00	3.23	0.58	0.91	10.98	0.00	10.98	4.000	No	Yes	2.00
732	14.62	1.33	100.00	3.23	0.58	0.91	10.91	0.00	10.91	4.000	No	Yes	2.00
733	14.64	1.35	100.00	3.23	0.58	0.91	11.27	0.00	11.27	4.000	No	Yes	2.00
734	14.66	1.39	100.00	3.22	0.58	0.91	11.62	0.00	11.62	4.000	No	Yes	2.00
735	14.68	1.43	100.00	3.20	0.58	0.91	11.78	0.00	11.78	4.000	No	Yes	2.00
736	14.70	1.48	100.00	3.19	0.57	0.91	12.31	0.00	12.31	4.000	No	Yes	2.00
737	14.72	1.54	100.00	3.17	0.57	0.91	12.90	0.00	12.90	4.000	No	Yes	2.00
738	14.74	1.59	100.00	3.16	0.57	0.91	13.20	0.00	13.20	4.000	No	Yes	2.00
739	14.76	1.62	100.00	3.16	0.57	0.91	13.62	0.00	13.62	4.000	No	Yes	2.00
740	14.78	1.62	100.00	3.16	0.57	0.91	13.67	0.00	13.67	4.000	No	Yes	2.00
741	14.80	1.58	100.00	3.18	0.57	0.91	13.32	0.00	13.32	4.000	No	Yes	2.00
742	14.82	1.51	100.00	3.21	0.57	0.90	12.74	0.00	12.74	4.000	No	Yes	2.00
743	14.84	1.43	100.00	3.25	0.57	0.90	11.94	0.00	11.94	4.000	No	Yes	2.00
744	14.86	1.36	100.00	3.27	0.58	0.90	11.21	0.00	11.21	4.000	No	Yes	2.00
745	14.88	1.31	100.00	3.29	0.58	0.90	10.86	0.00	10.86	4.000	No	Yes	2.00
746	14.90	1.28	100.00	3.29	0.58	0.90	10.68	0.00	10.68	4.000	No	Yes	2.00
747	14.92	1.25	100.00	3.31	0.58	0.90	10.31	0.00	10.31	4.000	No	Yes	2.00
748	14.94	1.23	100.00	3.32	0.58	0.90	10.06	0.00	10.06	4.000	No	Yes	2.00
749	14.96	1.22	100.00	3.32	0.58	0.90	10.01	0.00	10.01	4.000	No	Yes	2.00
750	14.98	1.22	100.00	3.32	0.58	0.90	9.99	0.00	9.99	4.000	No	Yes	2.00
751	15.00	1.22	100.00	3.32	0.58	0.90	9.96	0.00	9.96	4.000	No	Yes	2.00
752	15.02	1.22	100.00	3.32	0.58	0.90	9.96	0.00	9.96	4.000	No	Yes	2.00
753	15.04	1.23	100.00	3.32	0.58	0.90	9.93	0.00	9.93	4.000	No	Yes	2.00
754	15.06	1.22	100.00	3.32	0.58	0.89	10.07	0.00	10.07	4.000	No	Yes	2.00
755	15.08	1.21	100.00	3.32	0.58	0.89	9.87	0.00	9.87	4.000	No	Yes	2.00
756	15.10	1.20	100.00	3.32	0.58	0.89	9.75	0.00	9.75	4.000	No	Yes	2.00
757	15.12	1.19	100.00	3.33	0.58	0.89	9.72	0.00	9.72	4.000	No	Yes	2.00
758	15.14	1.19	100.00	3.33	0.58	0.89	9.71	0.00	9.71	4.000	No	Yes	2.00
759	15.16	1.20	100.00	3.33	0.58	0.89	9.73	0.00	9.73	4.000	No	Yes	2.00
760	15.18	1.20	100.00	3.33	0.58	0.89	9.75	0.00	9.75	4.000	No	Yes	2.00
761	15.20	1.20	100.00	3.34	0.58	0.89	9.87	0.00	9.87	4.000	No	Yes	2.00
762	15.22	1.22	100.00	3.33	0.58	0.89	9.79	0.00	9.79	4.000	No	Yes	2.00
763	15.24	1.23	100.00	3.33	0.58	0.89	10.07	0.00	10.07	4.000	No	Yes	2.00
764	15.26	1.24	100.00	3.32	0.58	0.89	10.14	0.00	10.14	4.000	No	Yes	2.00
765	15.28	1.25	100.00	3.31	0.58	0.89	10.22	0.00	10.22	4.000	No	Yes	2.00
766	15.30	1.26	100.00	3.31	0.58	0.89	10.24	0.00	10.24	4.000	No	Yes	2.00
767	15.32	1.28	100.00	3.29	0.58	0.89	10.26	0.00	10.26	4.000	No	Yes	2.00
768	15.34	1.31	100.00	3.27	0.58	0.89	10.91	0.00	10.91	4.000	No	Yes	2.00
769	15.36	1.35	100.00	3.24	0.58	0.89	11.07	0.00	11.07	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
770	15.38	1.36	100.00	3.24	0.58	0.88	11.24	0.00	11.24	4.000	No	Yes	2.00
771	15.40	1.35	100.00	3.24	0.58	0.88	11.04	0.00	11.04	4.000	No	Yes	2.00
772	15.42	1.32	100.00	3.25	0.58	0.88	10.78	0.00	10.78	4.000	No	Yes	2.00
773	15.44	1.28	100.00	3.25	0.58	0.88	10.36	0.00	10.36	4.000	No	Yes	2.00
774	15.46	1.22	100.00	3.27	0.58	0.88	10.12	0.00	10.12	4.000	No	Yes	2.00
775	15.48	1.16	100.00	3.29	0.59	0.88	9.28	0.00	9.28	4.000	No	Yes	2.00
776	15.50	1.09	100.00	3.31	0.59	0.88	8.72	0.00	8.72	4.000	No	Yes	2.00
777	15.52	1.05	100.00	3.31	0.59	0.88	8.42	0.00	8.42	4.000	No	Yes	2.00
778	15.54	1.03	100.00	3.29	0.59	0.88	8.24	0.00	8.24	4.000	No	Yes	2.00
779	15.56	1.02	100.00	3.26	0.59	0.88	8.15	0.00	8.15	4.000	No	Yes	2.00
780	15.58	1.02	100.00	3.24	0.59	0.88	8.11	0.00	8.11	4.000	No	Yes	2.00
781	15.60	1.02	100.00	3.22	0.59	0.88	8.09	0.00	8.09	4.000	No	Yes	2.00
782	15.62	1.02	100.00	3.20	0.59	0.87	8.12	0.00	8.12	4.000	No	Yes	2.00
783	15.64	1.03	100.00	3.19	0.59	0.87	8.14	0.00	8.14	4.000	No	Yes	2.00
784	15.66	1.06	100.00	3.17	0.59	0.87	8.31	0.00	8.31	4.000	No	Yes	2.00
785	15.68	1.10	100.00	3.15	0.59	0.87	8.65	0.00	8.65	4.000	No	Yes	2.00
786	15.70	1.16	100.00	3.12	0.59	0.87	9.05	0.00	9.05	4.000	No	Yes	2.00
787	15.72	1.23	100.00	3.09	0.58	0.87	9.67	0.00	9.67	4.000	No	Yes	2.00
788	15.74	1.29	100.00	3.07	0.58	0.87	10.26	0.00	10.26	4.000	No	Yes	2.00
789	15.76	1.34	100.00	3.06	0.58	0.87	10.69	0.00	10.69	4.000	No	Yes	2.00
790	15.78	1.37	100.00	3.05	0.58	0.87	10.69	0.00	10.69	4.000	No	Yes	2.00
791	15.80	1.37	100.00	3.05	0.58	0.87	11.00	0.00	11.00	4.000	No	Yes	2.00
792	15.82	1.37	100.00	3.05	0.58	0.87	10.90	0.00	10.90	4.000	No	Yes	2.00
793	15.84	1.34	100.00	3.07	0.58	0.87	10.55	0.00	10.55	4.000	No	Yes	2.00
794	15.86	1.32	100.00	3.09	0.58	0.87	10.38	0.00	10.38	4.000	No	Yes	2.00
795	15.88	1.32	100.00	3.10	0.58	0.87	10.36	0.00	10.36	4.000	No	Yes	2.00
796	15.90	1.33	100.00	3.10	0.58	0.87	10.35	0.00	10.35	4.000	No	Yes	2.00
797	15.92	1.35	100.00	3.11	0.58	0.87	10.62	0.00	10.62	4.000	No	Yes	2.00
798	15.94	1.39	100.00	3.09	0.58	0.87	10.90	0.00	10.90	4.000	No	Yes	2.00
799	15.96	1.48	100.00	3.05	0.58	0.87	11.45	0.00	11.45	4.000	No	Yes	2.00
800	15.98	1.57	100.00	3.00	0.57	0.87	12.57	0.00	12.57	4.000	No	Yes	2.00
801	16.00	1.60	100.00	2.97	0.57	0.87	12.73	0.00	12.73	4.000	No	Yes	2.00
802	16.02	1.58	100.00	2.97	0.57	0.87	12.13	0.00	12.13	4.000	No	Yes	2.00
803	16.04	1.56	100.00	2.98	0.57	0.87	12.11	0.00	12.11	4.000	No	Yes	2.00
804	16.06	1.56	100.00	2.98	0.57	0.87	12.10	0.00	12.10	4.000	No	Yes	2.00
805	16.08	1.56	100.00	2.98	0.57	0.86	12.10	0.00	12.10	4.000	No	Yes	2.00
806	16.10	1.58	100.00	2.98	0.57	0.86	12.18	0.00	12.18	4.000	No	Yes	2.00
807	16.12	1.59	100.00	2.99	0.57	0.86	12.35	0.00	12.35	4.000	No	Yes	2.00
808	16.14	1.61	100.00	3.00	0.57	0.86	12.30	0.00	12.30	4.000	No	Yes	2.00
809	16.16	1.63	100.00	3.00	0.57	0.86	12.54	0.00	12.54	4.000	No	Yes	2.00
810	16.18	1.66	100.00	2.98	0.57	0.86	12.77	0.00	12.77	4.000	No	Yes	2.00
811	16.20	1.67	100.00	2.97	0.57	0.86	12.96	0.00	12.96	4.000	No	Yes	2.00
812	16.22	1.64	100.00	2.97	0.57	0.86	12.79	0.00	12.79	4.000	No	Yes	2.00
813	16.24	1.58	100.00	2.98	0.57	0.86	12.15	0.00	12.15	4.000	No	Yes	2.00
814	16.26	1.52	100.00	3.00	0.58	0.86	11.38	0.00	11.38	4.000	No	Yes	2.00
815	16.28	1.50	100.00	3.01	0.58	0.86	11.42	0.00	11.42	4.000	No	Yes	2.00
816	16.30	1.51	100.00	3.00	0.58	0.86	11.46	0.00	11.46	4.000	No	Yes	2.00
817	16.32	1.53	100.00	2.99	0.58	0.86	11.61	0.00	11.61	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
818	16.34	1.58	100.00	2.98	0.57	0.86	11.92	0.00	11.92	4.000	No	Yes	2.00
819	16.36	1.65	99.55	2.96	0.57	0.86	12.58	0.00	12.58	4.000	No	Yes	2.00
820	16.38	1.71	98.63	2.95	0.57	0.86	13.13	0.00	13.13	4.000	No	Yes	2.00
821	16.40	1.75	99.22	2.95	0.57	0.86	13.34	0.00	13.34	4.000	No	Yes	2.00
822	16.42	1.80	98.92	2.95	0.57	0.86	13.49	0.00	13.49	4.000	No	Yes	2.00
823	16.44	1.87	97.81	2.94	0.57	0.86	14.35	0.00	14.35	4.000	No	Yes	2.00
824	16.46	1.92	96.50	2.92	0.56	0.86	14.91	0.00	14.91	4.000	No	Yes	2.00
825	16.48	1.94	97.17	2.93	0.56	0.86	14.84	0.00	14.84	4.000	No	Yes	2.00
826	16.50	1.94	98.09	2.94	0.56	0.86	14.81	0.00	14.81	4.000	No	Yes	2.00
827	16.52	1.95	98.63	2.95	0.56	0.85	14.91	0.00	14.91	4.000	No	Yes	2.00
828	16.54	1.97	99.40	2.96	0.56	0.85	15.01	0.00	15.01	4.000	No	Yes	2.00
829	16.56	2.02	99.82	2.96	0.56	0.85	15.22	0.00	15.22	4.000	No	Yes	2.00
830	16.58	2.16	96.47	2.92	0.56	0.85	16.11	0.00	16.11	4.000	No	Yes	2.00
831	16.60	2.36	89.21	2.83	0.55	0.85	18.43	0.00	18.43	4.000	No	Yes	2.00
832	16.62	2.67	78.59	2.69	0.55	0.86	21.03	0.00	21.03	4.000	No	Yes	2.00
833	16.64	3.03	69.00	2.58	0.54	0.86	24.92	57.69	82.61	0.118	No	No	0.58
834	16.66	3.34	63.28	2.50	0.53	0.86	28.79	57.60	86.38	0.122	No	No	0.61
835	16.68	3.41	61.90	2.49	0.53	0.86	29.44	57.45	86.89	0.122	No	No	0.61
836	16.70	3.21	65.32	2.53	0.53	0.86	27.38	57.65	85.03	0.121	No	No	0.60
837	16.72	2.85	72.12	2.61	0.54	0.85	23.81	0.00	23.81	4.000	No	Yes	2.00
838	16.74	2.46	80.56	2.72	0.55	0.85	20.12	0.00	20.12	4.000	No	Yes	2.00
839	16.76	2.11	89.84	2.84	0.56	0.85	17.48	0.00	17.48	4.000	No	Yes	2.00
840	16.78	1.90	96.15	2.91	0.57	0.85	14.78	0.00	14.78	4.000	No	Yes	2.00
841	16.80	1.76	100.00	2.97	0.57	0.85	14.55	0.00	14.55	4.000	No	Yes	2.00
842	16.82	1.73	100.00	2.98	0.57	0.85	13.98	0.00	13.98	4.000	No	Yes	2.00
843	16.84	1.68	100.00	3.00	0.57	0.84	13.61	0.00	13.61	4.000	No	Yes	2.00
844	16.86	1.63	100.00	3.04	0.57	0.84	13.10	0.00	13.10	4.000	No	Yes	2.00
845	16.88	1.59	100.00	3.07	0.57	0.84	12.15	0.00	12.15	4.000	No	Yes	2.00
846	16.90	1.59	100.00	3.07	0.57	0.84	12.18	0.00	12.18	4.000	No	Yes	2.00
847	16.92	1.64	100.00	3.04	0.57	0.84	12.20	0.00	12.20	4.000	No	Yes	2.00
848	16.94	1.67	100.00	3.02	0.57	0.84	12.30	0.00	12.30	4.000	No	Yes	2.00
849	16.96	1.74	100.00	2.99	0.57	0.84	12.52	0.00	12.52	4.000	No	Yes	2.00
850	16.98	1.77	100.00	2.97	0.57	0.84	13.51	0.00	13.51	4.000	No	Yes	2.00
851	17.00	1.80	99.13	2.95	0.57	0.84	13.11	0.00	13.11	4.000	No	Yes	2.00
852	17.02	1.80	99.28	2.95	0.57	0.84	13.21	0.00	13.21	4.000	No	Yes	2.00
853	17.04	1.82	98.42	2.94	0.57	0.84	13.31	0.00	13.31	4.000	No	Yes	2.00
854	17.06	1.85	97.70	2.93	0.57	0.84	13.69	0.00	13.69	4.000	No	Yes	2.00
855	17.08	1.87	97.04	2.93	0.57	0.84	13.70	0.00	13.70	4.000	No	Yes	2.00
856	17.10	1.88	96.83	2.92	0.57	0.84	13.78	0.00	13.78	4.000	No	Yes	2.00
857	17.12	1.90	96.38	2.92	0.57	0.84	13.87	0.00	13.87	4.000	No	Yes	2.00
858	17.14	1.94	95.62	2.91	0.57	0.84	14.07	0.00	14.07	4.000	No	Yes	2.00
859	17.16	1.99	95.39	2.90	0.57	0.84	14.49	0.00	14.49	4.000	No	Yes	2.00
860	17.18	2.01	96.60	2.92	0.56	0.84	14.93	0.00	14.93	4.000	No	Yes	2.00
861	17.20	1.97	99.43	2.96	0.57	0.84	14.55	0.00	14.55	4.000	No	Yes	2.00
862	17.22	1.90	100.00	3.00	0.57	0.83	13.90	0.00	13.90	4.000	No	Yes	2.00
863	17.24	1.81	100.00	3.04	0.57	0.83	13.53	0.00	13.53	4.000	No	Yes	2.00
864	17.26	1.72	100.00	3.09	0.57	0.83	12.52	0.00	12.52	4.000	No	Yes	2.00
865	17.28	1.62	100.00	3.15	0.57	0.83	12.00	0.00	12.00	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
866	17.30	1.53	100.00	3.19	0.58	0.83	11.26	0.00	11.26	4.000	No	Yes	2.00
867	17.32	1.47	100.00	3.21	0.58	0.83	10.41	0.00	10.41	4.000	No	Yes	2.00
868	17.34	1.43	100.00	3.21	0.58	0.83	10.37	0.00	10.37	4.000	No	Yes	2.00
869	17.36	1.43	100.00	3.19	0.58	0.83	10.36	0.00	10.36	4.000	No	Yes	2.00
870	17.38	1.43	100.00	3.16	0.58	0.83	10.35	0.00	10.35	4.000	No	Yes	2.00
871	17.40	1.44	100.00	3.13	0.58	0.83	10.34	0.00	10.34	4.000	No	Yes	2.00
872	17.42	1.45	100.00	3.11	0.58	0.83	10.36	0.00	10.36	4.000	No	Yes	2.00
873	17.44	1.46	100.00	3.11	0.58	0.83	10.58	0.00	10.58	4.000	No	Yes	2.00
874	17.46	1.48	100.00	3.10	0.58	0.82	10.51	0.00	10.51	4.000	No	Yes	2.00
875	17.48	1.46	100.00	3.11	0.58	0.82	10.62	0.00	10.62	4.000	No	Yes	2.00
876	17.50	1.42	100.00	3.13	0.58	0.82	10.16	0.00	10.16	4.000	No	Yes	2.00
877	17.52	1.36	100.00	3.16	0.58	0.82	9.61	0.00	9.61	4.000	No	Yes	2.00
878	17.54	1.31	100.00	3.20	0.59	0.82	9.21	0.00	9.21	4.000	No	Yes	2.00
879	17.56	1.26	100.00	3.22	0.59	0.82	8.93	0.00	8.93	4.000	No	Yes	2.00
880	17.58	1.23	100.00	3.24	0.59	0.82	8.50	0.00	8.50	4.000	No	Yes	2.00
881	17.60	1.20	100.00	3.26	0.59	0.82	8.40	0.00	8.40	4.000	No	Yes	2.00
882	17.62	1.20	100.00	3.25	0.59	0.82	8.37	0.00	8.37	4.000	No	Yes	2.00
883	17.64	1.20	100.00	3.25	0.59	0.82	8.36	0.00	8.36	4.000	No	Yes	2.00
884	17.66	1.20	100.00	3.25	0.59	0.82	8.36	0.00	8.36	4.000	No	Yes	2.00
885	17.68	1.20	100.00	3.25	0.59	0.82	8.36	0.00	8.36	4.000	No	Yes	2.00
886	17.70	1.20	100.00	3.25	0.59	0.82	8.37	0.00	8.37	4.000	No	Yes	2.00
887	17.72	1.20	100.00	3.25	0.59	0.82	8.37	0.00	8.37	4.000	No	Yes	2.00
888	17.74	1.20	100.00	3.26	0.59	0.82	8.35	0.00	8.35	4.000	No	Yes	2.00
889	17.76	1.18	100.00	3.28	0.59	0.81	8.36	0.00	8.36	4.000	No	Yes	2.00
890	17.78	1.16	100.00	3.31	0.59	0.81	8.01	0.00	8.01	4.000	No	Yes	2.00
891	17.80	1.12	100.00	3.33	0.59	0.81	7.82	0.00	7.82	4.000	No	Yes	2.00
892	17.82	1.10	100.00	3.34	0.59	0.81	7.57	0.00	7.57	4.000	No	Yes	2.00
893	17.84	1.09	100.00	3.34	0.59	0.81	7.54	0.00	7.54	4.000	No	Yes	2.00
894	17.86	1.09	100.00	3.34	0.59	0.81	7.53	0.00	7.53	4.000	No	Yes	2.00
895	17.88	1.09	100.00	3.34	0.59	0.81	7.52	0.00	7.52	4.000	No	Yes	2.00
896	17.90	1.10	100.00	3.33	0.59	0.81	7.52	0.00	7.52	4.000	No	Yes	2.00
897	17.92	1.10	100.00	3.33	0.59	0.81	7.65	0.00	7.65	4.000	No	Yes	2.00
898	17.94	1.12	100.00	3.32	0.59	0.81	7.70	0.00	7.70	4.000	No	Yes	2.00
899	17.96	1.13	100.00	3.31	0.59	0.81	7.66	0.00	7.66	4.000	No	Yes	2.00
900	17.98	1.15	100.00	3.30	0.59	0.81	7.68	0.00	7.68	4.000	No	Yes	2.00
901	18.00	1.17	100.00	3.28	0.59	0.81	7.95	0.00	7.95	4.000	No	Yes	2.00
902	18.02	1.21	100.00	3.26	0.59	0.81	8.15	0.00	8.15	4.000	No	Yes	2.00
903	18.04	1.26	100.00	3.24	0.59	0.81	8.60	0.00	8.60	4.000	No	Yes	2.00
904	18.06	1.29	100.00	3.22	0.59	0.81	8.92	0.00	8.92	4.000	No	Yes	2.00
905	18.08	1.31	100.00	3.22	0.59	0.81	8.97	0.00	8.97	4.000	No	Yes	2.00
906	18.10	1.29	100.00	3.24	0.59	0.81	8.98	0.00	8.98	4.000	No	Yes	2.00
907	18.12	1.27	100.00	3.25	0.59	0.81	8.61	0.00	8.61	4.000	No	Yes	2.00
908	18.14	1.25	100.00	3.26	0.59	0.81	8.50	0.00	8.50	4.000	No	Yes	2.00
909	18.16	1.24	100.00	3.26	0.59	0.81	8.49	0.00	8.49	4.000	No	Yes	2.00
910	18.18	1.24	100.00	3.26	0.59	0.80	8.49	0.00	8.49	4.000	No	Yes	2.00
911	18.20	1.25	100.00	3.25	0.59	0.80	8.50	0.00	8.50	4.000	No	Yes	2.00
912	18.22	1.28	100.00	3.24	0.59	0.80	8.58	0.00	8.58	4.000	No	Yes	2.00
913	18.24	1.32	100.00	3.22	0.59	0.80	9.14	0.00	9.14	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
914	18.26	1.34	100.00	3.20	0.59	0.80	9.29	0.00	9.29	4.000	No	Yes	2.00
915	18.28	1.33	100.00	3.22	0.59	0.80	9.15	0.00	9.15	4.000	No	Yes	2.00
916	18.30	1.31	100.00	3.23	0.59	0.80	8.91	0.00	8.91	4.000	No	Yes	2.00
917	18.32	1.30	100.00	3.24	0.59	0.80	8.89	0.00	8.89	4.000	No	Yes	2.00
918	18.34	1.30	100.00	3.24	0.59	0.80	8.87	0.00	8.87	4.000	No	Yes	2.00
919	18.36	1.30	100.00	3.24	0.59	0.80	8.87	0.00	8.87	4.000	No	Yes	2.00
920	18.38	1.30	100.00	3.25	0.59	0.80	8.87	0.00	8.87	4.000	No	Yes	2.00
921	18.40	1.31	100.00	3.26	0.59	0.80	8.90	0.00	8.90	4.000	No	Yes	2.00
922	18.42	1.33	100.00	3.27	0.59	0.80	9.02	0.00	9.02	4.000	No	Yes	2.00
923	18.44	1.34	100.00	3.27	0.59	0.80	9.30	0.00	9.30	4.000	No	Yes	2.00
924	18.46	1.35	100.00	3.27	0.59	0.80	9.27	0.00	9.27	4.000	No	Yes	2.00
925	18.48	1.33	100.00	3.26	0.59	0.80	9.13	0.00	9.13	4.000	No	Yes	2.00
926	18.50	1.32	100.00	3.26	0.59	0.80	9.04	0.00	9.04	4.000	No	Yes	2.00
927	18.52	1.32	100.00	3.24	0.59	0.80	8.99	0.00	8.99	4.000	No	Yes	2.00
928	18.54	1.31	100.00	3.22	0.59	0.80	8.96	0.00	8.96	4.000	No	Yes	2.00
929	18.56	1.32	100.00	3.20	0.59	0.80	8.96	0.00	8.96	4.000	No	Yes	2.00
930	18.58	1.33	100.00	3.18	0.59	0.80	9.09	0.00	9.09	4.000	No	Yes	2.00
931	18.60	1.38	100.00	3.13	0.59	0.80	9.22	0.00	9.22	4.000	No	Yes	2.00
932	18.62	1.48	100.00	3.05	0.58	0.80	10.07	0.00	10.07	4.000	No	Yes	2.00
933	18.64	1.65	97.90	2.94	0.58	0.80	11.06	0.00	11.06	4.000	No	Yes	2.00
934	18.66	1.86	89.14	2.83	0.57	0.80	13.10	0.00	13.10	4.000	No	Yes	2.00
935	18.68	2.04	82.67	2.75	0.57	0.80	14.79	0.00	14.79	4.000	No	Yes	2.00
936	18.70	2.13	80.00	2.71	0.57	0.80	14.94	0.00	14.94	4.000	No	Yes	2.00
937	18.72	2.14	79.73	2.71	0.57	0.80	15.22	0.00	15.22	4.000	No	Yes	2.00
938	18.74	2.16	79.38	2.70	0.57	0.80	15.15	0.00	15.15	4.000	No	Yes	2.00
939	18.76	2.18	79.14	2.70	0.57	0.80	15.45	0.00	15.45	4.000	No	Yes	2.00
940	18.78	2.22	78.53	2.69	0.57	0.80	15.74	0.00	15.74	4.000	No	Yes	2.00
941	18.80	2.21	79.82	2.71	0.57	0.80	16.01	0.00	16.01	4.000	No	Yes	2.00
942	18.82	2.13	83.75	2.76	0.57	0.80	15.23	0.00	15.23	4.000	No	Yes	2.00
943	18.84	1.98	90.85	2.85	0.57	0.80	13.97	0.00	13.97	4.000	No	Yes	2.00
944	18.86	1.86	97.86	2.94	0.57	0.79	12.81	0.00	12.81	4.000	No	Yes	2.00
945	18.88	1.79	100.00	3.00	0.57	0.79	12.56	0.00	12.56	4.000	No	Yes	2.00
946	18.90	1.77	100.00	3.04	0.57	0.79	12.43	0.00	12.43	4.000	No	Yes	2.00
947	18.92	1.76	100.00	3.05	0.57	0.79	12.31	0.00	12.31	4.000	No	Yes	2.00
948	18.94	1.75	100.00	3.05	0.57	0.79	12.37	0.00	12.37	4.000	No	Yes	2.00
949	18.96	1.74	100.00	3.04	0.57	0.79	12.11	0.00	12.11	4.000	No	Yes	2.00
950	18.98	1.66	100.00	3.05	0.57	0.79	11.94	0.00	11.94	4.000	No	Yes	2.00
951	19.00	1.52	100.00	3.09	0.58	0.79	10.41	0.00	10.41	4.000	No	Yes	2.00
952	19.02	1.36	100.00	3.14	0.59	0.79	8.87	0.00	8.87	4.000	No	Yes	2.00
953	19.04	1.27	100.00	3.16	0.59	0.78	8.41	0.00	8.41	4.000	No	Yes	2.00
954	19.06	1.23	100.00	3.15	0.59	0.78	8.18	0.00	8.18	4.000	No	Yes	2.00
955	19.08	1.21	100.00	3.14	0.59	0.78	7.95	0.00	7.95	4.000	No	Yes	2.00
956	19.10	1.19	100.00	3.13	0.59	0.78	7.98	0.00	7.98	4.000	No	Yes	2.00
957	19.12	1.18	100.00	3.14	0.59	0.78	7.78	0.00	7.78	4.000	No	Yes	2.00
958	19.14	1.16	100.00	3.16	0.59	0.78	7.57	0.00	7.57	4.000	No	Yes	2.00
959	19.16	1.14	100.00	3.17	0.59	0.78	7.46	0.00	7.46	4.000	No	Yes	2.00
960	19.18	1.13	100.00	3.18	0.59	0.78	7.40	0.00	7.40	4.000	No	Yes	2.00
961	19.20	1.13	100.00	3.19	0.59	0.78	7.39	0.00	7.39	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
962	19.22	1.13	100.00	3.19	0.59	0.78	7.38	0.00	7.38	4.000	No	Yes	2.00
963	19.24	1.14	100.00	3.20	0.59	0.78	7.38	0.00	7.38	4.000	No	Yes	2.00
964	19.26	1.15	100.00	3.21	0.59	0.78	7.49	0.00	7.49	4.000	No	Yes	2.00
965	19.28	1.16	100.00	3.22	0.59	0.78	7.52	0.00	7.52	4.000	No	Yes	2.00
966	19.30	1.17	100.00	3.23	0.59	0.78	7.55	0.00	7.55	4.000	No	Yes	2.00
967	19.32	1.18	100.00	3.25	0.59	0.78	7.71	0.00	7.71	4.000	No	Yes	2.00
968	19.34	1.20	100.00	3.25	0.59	0.78	7.71	0.00	7.71	4.000	No	Yes	2.00
969	19.36	1.22	100.00	3.26	0.59	0.78	8.04	0.00	8.04	4.000	No	Yes	2.00
970	19.38	1.25	100.00	3.26	0.59	0.78	8.07	0.00	8.07	4.000	No	Yes	2.00
971	19.40	1.27	100.00	3.26	0.59	0.78	8.30	0.00	8.30	4.000	No	Yes	2.00
972	19.42	1.30	100.00	3.27	0.59	0.78	8.48	0.00	8.48	4.000	No	Yes	2.00
973	19.44	1.31	100.00	3.28	0.59	0.78	8.63	0.00	8.63	4.000	No	Yes	2.00
974	19.46	1.31	100.00	3.29	0.59	0.78	8.61	0.00	8.61	4.000	No	Yes	2.00
975	19.48	1.31	100.00	3.29	0.59	0.78	8.64	0.00	8.64	4.000	No	Yes	2.00
976	19.50	1.31	100.00	3.29	0.59	0.78	8.67	0.00	8.67	4.000	No	Yes	2.00
977	19.52	1.32	100.00	3.29	0.59	0.77	8.74	0.00	8.74	4.000	No	Yes	2.00
978	19.54	1.33	100.00	3.29	0.59	0.77	8.82	0.00	8.82	4.000	No	Yes	2.00
979	19.56	1.34	100.00	3.28	0.59	0.77	8.80	0.00	8.80	4.000	No	Yes	2.00
980	19.58	1.36	100.00	3.27	0.59	0.77	8.99	0.00	8.99	4.000	No	Yes	2.00
981	19.60	1.38	100.00	3.27	0.59	0.77	9.24	0.00	9.24	4.000	No	Yes	2.00
982	19.62	1.43	100.00	3.25	0.58	0.77	9.38	0.00	9.38	4.000	No	Yes	2.00
983	19.64	1.50	100.00	3.23	0.58	0.77	10.05	0.00	10.05	4.000	No	Yes	2.00
984	19.66	1.57	100.00	3.21	0.58	0.77	10.72	0.00	10.72	4.000	No	Yes	2.00
985	19.68	1.61	100.00	3.21	0.58	0.77	10.93	0.00	10.93	4.000	No	Yes	2.00
986	19.70	1.63	100.00	3.21	0.58	0.77	11.05	0.00	11.05	4.000	No	Yes	2.00
987	19.72	1.64	100.00	3.22	0.58	0.77	11.05	0.00	11.05	4.000	No	Yes	2.00
988	19.74	1.63	100.00	3.23	0.58	0.77	11.19	0.00	11.19	4.000	No	Yes	2.00
989	19.76	1.63	100.00	3.24	0.58	0.77	11.00	0.00	11.00	4.000	No	Yes	2.00
990	19.78	1.61	100.00	3.24	0.58	0.77	10.95	0.00	10.95	4.000	No	Yes	2.00
991	19.80	1.59	100.00	3.25	0.58	0.77	10.87	0.00	10.87	4.000	No	Yes	2.00
992	19.82	1.56	100.00	3.26	0.58	0.77	10.62	0.00	10.62	4.000	No	Yes	2.00
993	19.84	1.52	100.00	3.27	0.58	0.77	10.28	0.00	10.28	4.000	No	Yes	2.00
994	19.86	1.49	100.00	3.27	0.58	0.77	10.07	0.00	10.07	4.000	No	Yes	2.00
995	19.88	1.48	100.00	3.27	0.58	0.77	9.99	0.00	9.99	4.000	No	Yes	2.00
996	19.90	1.47	100.00	3.25	0.58	0.77	9.91	0.00	9.91	4.000	No	Yes	2.00
997	19.92	1.46	100.00	3.24	0.58	0.77	9.86	0.00	9.86	4.000	No	Yes	2.00
998	19.94	1.47	100.00	3.21	0.58	0.77	9.87	0.00	9.87	4.000	No	Yes	2.00
999	19.96	1.47	100.00	3.18	0.58	0.77	9.87	0.00	9.87	4.000	No	Yes	2.00
1000	19.98	1.49	100.00	3.14	0.58	0.77	9.90	0.00	9.90	4.000	No	Yes	2.00
1001	20.00	1.54	100.00	3.09	0.58	0.77	10.02	0.00	10.02	4.000	No	Yes	2.00
1002	20.02	1.62	100.00	3.03	0.58	0.77	10.76	0.00	10.76	4.000	No	Yes	2.00
1003	20.04	1.71	100.00	2.98	0.58	0.77	11.59	0.00	11.59	4.000	No	Yes	2.00
1004	20.06	1.73	100.00	2.97	0.57	0.77	12.18	0.00	12.18	4.000	No	Yes	2.00
1005	20.08	1.66	100.00	3.00	0.58	0.77	11.06	0.00	11.06	4.000	No	Yes	2.00
1006	20.10	1.55	100.00	3.05	0.58	0.76	10.15	0.00	10.15	4.000	No	Yes	2.00
1007	20.12	1.51	100.00	3.07	0.58	0.76	9.85	0.00	9.85	4.000	No	Yes	2.00
1008	20.14	1.51	100.00	3.08	0.58	0.76	10.03	0.00	10.03	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	$CRR_{7.5}$	Belongs to trans. layer	Clay-like behaviour	FS
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Abbreviations

Depth:	Depth from free surface, at which CPT was performed (m)
q_t :	Total cone resistance
FC:	Fines content (%)
I_c :	Soil behavior type index
m:	Stress exponent
C_N :	Overburden correction factor
q_{c1N} :	Normalized and adjusted cone resistance
Δq_{c1N} :	Cone resistance correction factor due to fines
$q_{c1N,cs}$:	Normalized and adjusted cone resistance
$CRR_{7.5}$:	Cyclic resistance ratio for $M_w=7.5$
FS:	Factor of safety against soil liquefaction

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
0.02	2.00	0.00	9.99	0.02	0.00	0.04	2.00	0.00	9.98	0.02	0.00
0.06	2.00	0.00	9.97	0.02	0.00	0.08	2.00	0.00	9.96	0.02	0.00
0.10	2.00	0.00	9.95	0.02	0.00	0.12	2.00	0.00	9.94	0.02	0.00
0.14	2.00	0.00	9.93	0.02	0.00	0.16	2.00	0.00	9.92	0.02	0.00
0.18	2.00	0.00	9.91	0.02	0.00	0.20	2.00	0.00	9.90	0.02	0.00
0.22	2.00	0.00	9.89	0.02	0.00	0.24	2.00	0.00	9.88	0.02	0.00
0.26	2.00	0.00	9.87	0.02	0.00	0.28	2.00	0.00	9.86	0.02	0.00
0.30	2.00	0.00	9.85	0.02	0.00	0.32	2.00	0.00	9.84	0.02	0.00
0.34	2.00	0.00	9.83	0.02	0.00	0.36	2.00	0.00	9.82	0.02	0.00
0.38	2.00	0.00	9.81	0.02	0.00	0.40	2.00	0.00	9.80	0.02	0.00
0.42	2.00	0.00	9.79	0.02	0.00	0.44	2.00	0.00	9.78	0.02	0.00
0.46	2.00	0.00	9.77	0.02	0.00	0.48	2.00	0.00	9.76	0.02	0.00
0.50	2.00	0.00	9.75	0.02	0.00	0.52	2.00	0.00	9.74	0.02	0.00
0.54	2.00	0.00	9.73	0.02	0.00	0.56	2.00	0.00	9.72	0.02	0.00
0.58	2.00	0.00	9.71	0.02	0.00	0.60	2.00	0.00	9.70	0.02	0.00
0.62	2.00	0.00	9.69	0.02	0.00	0.64	2.00	0.00	9.68	0.02	0.00
0.66	2.00	0.00	9.67	0.02	0.00	0.68	2.00	0.00	9.66	0.02	0.00
0.70	2.00	0.00	9.65	0.02	0.00	0.72	2.00	0.00	9.64	0.02	0.00
0.74	2.00	0.00	9.63	0.02	0.00	0.76	2.00	0.00	9.62	0.02	0.00
0.78	2.00	0.00	9.61	0.02	0.00	0.80	2.00	0.00	9.60	0.02	0.00
0.82	2.00	0.00	9.59	0.02	0.00	0.84	2.00	0.00	9.58	0.02	0.00
0.86	2.00	0.00	9.57	0.02	0.00	0.88	2.00	0.00	9.56	0.02	0.00
0.90	2.00	0.00	9.55	0.02	0.00	0.92	2.00	0.00	9.54	0.02	0.00
0.94	2.00	0.00	9.53	0.02	0.00	0.96	2.00	0.00	9.52	0.02	0.00
0.98	2.00	0.00	9.51	0.02	0.00	1.00	2.00	0.00	9.50	0.02	0.00
1.02	2.00	0.00	9.49	0.02	0.00	1.04	2.00	0.00	9.48	0.02	0.00
1.06	2.00	0.00	9.47	0.02	0.00	1.08	2.00	0.00	9.46	0.02	0.00
1.10	2.00	0.00	9.45	0.02	0.00	1.12	2.00	0.00	9.44	0.02	0.00
1.14	2.00	0.00	9.43	0.02	0.00	1.16	2.00	0.00	9.42	0.02	0.00
1.18	2.00	0.00	9.41	0.02	0.00	1.20	2.00	0.00	9.40	0.02	0.00
1.22	2.00	0.00	9.39	0.02	0.00	1.24	2.00	0.00	9.38	0.02	0.00
1.26	2.00	0.00	9.37	0.02	0.00	1.28	2.00	0.00	9.36	0.02	0.00
1.30	2.00	0.00	9.35	0.02	0.00	1.32	2.00	0.00	9.34	0.02	0.00
1.34	2.00	0.00	9.33	0.02	0.00	1.36	2.00	0.00	9.32	0.02	0.00
1.38	2.00	0.00	9.31	0.02	0.00	1.40	2.00	0.00	9.30	0.02	0.00
1.42	2.00	0.00	9.29	0.02	0.00	1.44	2.00	0.00	9.28	0.02	0.00
1.46	2.00	0.00	9.27	0.02	0.00	1.48	2.00	0.00	9.26	0.02	0.00
1.50	2.00	0.00	9.25	0.02	0.00	1.52	2.00	0.00	9.24	0.02	0.00
1.54	2.00	0.00	9.23	0.02	0.00	1.56	2.00	0.00	9.22	0.02	0.00
1.58	2.00	0.00	9.21	0.02	0.00	1.60	2.00	0.00	9.20	0.02	0.00
1.62	2.00	0.00	9.19	0.02	0.00	1.64	2.00	0.00	9.18	0.02	0.00
1.66	2.00	0.00	9.17	0.02	0.00	1.68	2.00	0.00	9.16	0.02	0.00
1.70	2.00	0.00	9.15	0.02	0.00	1.72	2.00	0.00	9.14	0.02	0.00
1.74	0.74	0.26	9.13	0.02	0.05	1.76	0.76	0.24	9.12	0.02	0.04
1.78	0.76	0.24	9.11	0.02	0.04	1.80	0.77	0.23	9.10	0.02	0.04
1.82	0.76	0.24	9.09	0.02	0.04	1.84	0.75	0.25	9.08	0.02	0.05
1.86	0.74	0.26	9.07	0.02	0.05	1.88	0.72	0.28	9.06	0.02	0.05
1.90	0.72	0.28	9.05	0.02	0.05	1.92	0.73	0.27	9.04	0.02	0.05

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
1.94	0.72	0.28	9.03	0.02	0.05	1.96	0.71	0.29	9.02	0.02	0.05
1.98	0.66	0.34	9.01	0.02	0.06	2.00	0.62	0.38	9.00	0.02	0.07
2.02	0.64	0.36	8.99	0.02	0.06	2.04	0.69	0.31	8.98	0.02	0.06
2.06	0.68	0.32	8.97	0.02	0.06	2.08	0.67	0.33	8.96	0.02	0.06
2.10	0.66	0.34	8.95	0.02	0.06	2.12	0.76	0.24	8.94	0.02	0.04
2.14	0.76	0.24	8.93	0.02	0.04	2.16	0.73	0.27	8.92	0.02	0.05
2.18	0.69	0.31	8.91	0.02	0.06	2.20	0.66	0.34	8.90	0.02	0.06
2.22	2.00	0.00	8.89	0.02	0.00	2.24	2.00	0.00	8.88	0.02	0.00
2.26	2.00	0.00	8.87	0.02	0.00	2.28	2.00	0.00	8.86	0.02	0.00
2.30	2.00	0.00	8.85	0.02	0.00	2.32	2.00	0.00	8.84	0.02	0.00
2.34	2.00	0.00	8.83	0.02	0.00	2.36	2.00	0.00	8.82	0.02	0.00
2.38	2.00	0.00	8.81	0.02	0.00	2.40	2.00	0.00	8.80	0.02	0.00
2.42	2.00	0.00	8.79	0.02	0.00	2.44	2.00	0.00	8.78	0.02	0.00
2.46	2.00	0.00	8.77	0.02	0.00	2.48	2.00	0.00	8.76	0.02	0.00
2.50	2.00	0.00	8.75	0.02	0.00	2.52	2.00	0.00	8.74	0.02	0.00
2.54	2.00	0.00	8.73	0.02	0.00	2.56	2.00	0.00	8.72	0.02	0.00
2.58	2.00	0.00	8.71	0.02	0.00	2.60	2.00	0.00	8.70	0.02	0.00
2.62	2.00	0.00	8.69	0.02	0.00	2.64	2.00	0.00	8.68	0.02	0.00
2.66	2.00	0.00	8.67	0.02	0.00	2.68	2.00	0.00	8.66	0.02	0.00
2.70	2.00	0.00	8.65	0.02	0.00	2.72	2.00	0.00	8.64	0.02	0.00
2.74	2.00	0.00	8.63	0.02	0.00	2.76	2.00	0.00	8.62	0.02	0.00
2.78	2.00	0.00	8.61	0.02	0.00	2.80	2.00	0.00	8.60	0.02	0.00
2.82	2.00	0.00	8.59	0.02	0.00	2.84	2.00	0.00	8.58	0.02	0.00
2.86	2.00	0.00	8.57	0.02	0.00	2.88	2.00	0.00	8.56	0.02	0.00
2.90	2.00	0.00	8.55	0.02	0.00	2.92	2.00	0.00	8.54	0.02	0.00
2.94	2.00	0.00	8.53	0.02	0.00	2.96	2.00	0.00	8.52	0.02	0.00
2.98	2.00	0.00	8.51	0.02	0.00	3.00	2.00	0.00	8.50	0.02	0.00
3.02	2.00	0.00	8.49	0.02	0.00	3.04	2.00	0.00	8.48	0.02	0.00
3.06	2.00	0.00	8.47	0.02	0.00	3.08	2.00	0.00	8.46	0.02	0.00
3.10	2.00	0.00	8.45	0.02	0.00	3.12	2.00	0.00	8.44	0.02	0.00
3.14	2.00	0.00	8.43	0.02	0.00	3.16	2.00	0.00	8.42	0.02	0.00
3.18	2.00	0.00	8.41	0.02	0.00	3.20	2.00	0.00	8.40	0.02	0.00
3.22	2.00	0.00	8.39	0.02	0.00	3.24	2.00	0.00	8.38	0.02	0.00
3.26	2.00	0.00	8.37	0.02	0.00	3.28	2.00	0.00	8.36	0.02	0.00
3.30	2.00	0.00	8.35	0.02	0.00	3.32	2.00	0.00	8.34	0.02	0.00
3.34	2.00	0.00	8.33	0.02	0.00	3.36	2.00	0.00	8.32	0.02	0.00
3.38	2.00	0.00	8.31	0.02	0.00	3.40	2.00	0.00	8.30	0.02	0.00
3.42	2.00	0.00	8.29	0.02	0.00	3.44	2.00	0.00	8.28	0.02	0.00
3.46	2.00	0.00	8.27	0.02	0.00	3.48	2.00	0.00	8.26	0.02	0.00
3.50	2.00	0.00	8.25	0.02	0.00	3.52	2.00	0.00	8.24	0.02	0.00
3.54	2.00	0.00	8.23	0.02	0.00	3.56	2.00	0.00	8.22	0.02	0.00
3.58	2.00	0.00	8.21	0.02	0.00	3.60	2.00	0.00	8.20	0.02	0.00
3.62	2.00	0.00	8.19	0.02	0.00	3.64	2.00	0.00	8.18	0.02	0.00
3.66	2.00	0.00	8.17	0.02	0.00	3.68	2.00	0.00	8.16	0.02	0.00
3.70	2.00	0.00	8.15	0.02	0.00	3.72	2.00	0.00	8.14	0.02	0.00
3.74	2.00	0.00	8.13	0.02	0.00	3.76	2.00	0.00	8.12	0.02	0.00
3.78	2.00	0.00	8.11	0.02	0.00	3.80	2.00	0.00	8.10	0.02	0.00
3.82	2.00	0.00	8.09	0.02	0.00	3.84	2.00	0.00	8.08	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
3.86	2.00	0.00	8.07	0.02	0.00	3.88	2.00	0.00	8.06	0.02	0.00
3.90	2.00	0.00	8.05	0.02	0.00	3.92	2.00	0.00	8.04	0.02	0.00
3.94	2.00	0.00	8.03	0.02	0.00	3.96	2.00	0.00	8.02	0.02	0.00
3.98	2.00	0.00	8.01	0.02	0.00	4.00	2.00	0.00	8.00	0.02	0.00
4.02	2.00	0.00	7.99	0.02	0.00	4.04	2.00	0.00	7.98	0.02	0.00
4.06	2.00	0.00	7.97	0.02	0.00	4.08	2.00	0.00	7.96	0.02	0.00
4.10	2.00	0.00	7.95	0.02	0.00	4.12	2.00	0.00	7.94	0.02	0.00
4.14	2.00	0.00	7.93	0.02	0.00	4.16	2.00	0.00	7.92	0.02	0.00
4.18	2.00	0.00	7.91	0.02	0.00	4.20	2.00	0.00	7.90	0.02	0.00
4.22	2.00	0.00	7.89	0.02	0.00	4.24	2.00	0.00	7.88	0.02	0.00
4.26	2.00	0.00	7.87	0.02	0.00	4.28	2.00	0.00	7.86	0.02	0.00
4.30	2.00	0.00	7.85	0.02	0.00	4.32	2.00	0.00	7.84	0.02	0.00
4.34	2.00	0.00	7.83	0.02	0.00	4.36	2.00	0.00	7.82	0.02	0.00
4.38	2.00	0.00	7.81	0.02	0.00	4.40	2.00	0.00	7.80	0.02	0.00
4.42	2.00	0.00	7.79	0.02	0.00	4.44	2.00	0.00	7.78	0.02	0.00
4.46	2.00	0.00	7.77	0.02	0.00	4.48	2.00	0.00	7.76	0.02	0.00
4.50	2.00	0.00	7.75	0.02	0.00	4.52	2.00	0.00	7.74	0.02	0.00
4.54	2.00	0.00	7.73	0.02	0.00	4.56	2.00	0.00	7.72	0.02	0.00
4.58	2.00	0.00	7.71	0.02	0.00	4.60	2.00	0.00	7.70	0.02	0.00
4.62	2.00	0.00	7.69	0.02	0.00	4.64	2.00	0.00	7.68	0.02	0.00
4.66	2.00	0.00	7.67	0.02	0.00	4.68	2.00	0.00	7.66	0.02	0.00
4.70	2.00	0.00	7.65	0.02	0.00	4.72	2.00	0.00	7.64	0.02	0.00
4.74	2.00	0.00	7.63	0.02	0.00	4.76	2.00	0.00	7.62	0.02	0.00
4.78	2.00	0.00	7.61	0.02	0.00	4.80	2.00	0.00	7.60	0.02	0.00
4.82	2.00	0.00	7.59	0.02	0.00	4.84	2.00	0.00	7.58	0.02	0.00
4.86	2.00	0.00	7.57	0.02	0.00	4.88	2.00	0.00	7.56	0.02	0.00
4.90	2.00	0.00	7.55	0.02	0.00	4.92	2.00	0.00	7.54	0.02	0.00
4.94	2.00	0.00	7.53	0.02	0.00	4.96	2.00	0.00	7.52	0.02	0.00
4.98	2.00	0.00	7.51	0.02	0.00	5.00	2.00	0.00	7.50	0.02	0.00
5.02	2.00	0.00	7.49	0.02	0.00	5.04	2.00	0.00	7.48	0.02	0.00
5.06	2.00	0.00	7.47	0.02	0.00	5.08	2.00	0.00	7.46	0.02	0.00
5.10	2.00	0.00	7.45	0.02	0.00	5.12	2.00	0.00	7.44	0.02	0.00
5.14	2.00	0.00	7.43	0.02	0.00	5.16	2.00	0.00	7.42	0.02	0.00
5.18	2.00	0.00	7.41	0.02	0.00	5.20	2.00	0.00	7.40	0.02	0.00
5.22	2.00	0.00	7.39	0.02	0.00	5.24	2.00	0.00	7.38	0.02	0.00
5.26	2.00	0.00	7.37	0.02	0.00	5.28	2.00	0.00	7.36	0.02	0.00
5.30	2.00	0.00	7.35	0.02	0.00	5.32	2.00	0.00	7.34	0.02	0.00
5.34	2.00	0.00	7.33	0.02	0.00	5.36	2.00	0.00	7.32	0.02	0.00
5.38	2.00	0.00	7.31	0.02	0.00	5.40	2.00	0.00	7.30	0.02	0.00
5.42	2.00	0.00	7.29	0.02	0.00	5.44	2.00	0.00	7.28	0.02	0.00
5.46	2.00	0.00	7.27	0.02	0.00	5.48	2.00	0.00	7.26	0.02	0.00
5.50	2.00	0.00	7.25	0.02	0.00	5.52	2.00	0.00	7.24	0.02	0.00
5.54	2.00	0.00	7.23	0.02	0.00	5.56	2.00	0.00	7.22	0.02	0.00
5.58	2.00	0.00	7.21	0.02	0.00	5.60	2.00	0.00	7.20	0.02	0.00
5.62	2.00	0.00	7.19	0.02	0.00	5.64	2.00	0.00	7.18	0.02	0.00
5.66	2.00	0.00	7.17	0.02	0.00	5.68	2.00	0.00	7.16	0.02	0.00
5.70	2.00	0.00	7.15	0.02	0.00	5.72	2.00	0.00	7.14	0.02	0.00
5.74	2.00	0.00	7.13	0.02	0.00	5.76	2.00	0.00	7.12	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
5.78	2.00	0.00	7.11	0.02	0.00	5.80	2.00	0.00	7.10	0.02	0.00
5.82	2.00	0.00	7.09	0.02	0.00	5.84	2.00	0.00	7.08	0.02	0.00
5.86	2.00	0.00	7.07	0.02	0.00	5.88	2.00	0.00	7.06	0.02	0.00
5.90	2.00	0.00	7.05	0.02	0.00	5.92	2.00	0.00	7.04	0.02	0.00
5.94	2.00	0.00	7.03	0.02	0.00	5.96	2.00	0.00	7.02	0.02	0.00
5.98	2.00	0.00	7.01	0.02	0.00	6.00	2.00	0.00	7.00	0.02	0.00
6.02	2.00	0.00	6.99	0.02	0.00	6.04	2.00	0.00	6.98	0.02	0.00
6.06	2.00	0.00	6.97	0.02	0.00	6.08	2.00	0.00	6.96	0.02	0.00
6.10	2.00	0.00	6.95	0.02	0.00	6.12	2.00	0.00	6.94	0.02	0.00
6.14	2.00	0.00	6.93	0.02	0.00	6.16	2.00	0.00	6.92	0.02	0.00
6.18	2.00	0.00	6.91	0.02	0.00	6.20	2.00	0.00	6.90	0.02	0.00
6.22	0.51	0.49	6.89	0.02	0.07	6.24	0.51	0.49	6.88	0.02	0.07
6.26	0.51	0.49	6.87	0.02	0.07	6.28	0.52	0.48	6.86	0.02	0.07
6.30	0.53	0.47	6.85	0.02	0.06	6.32	0.52	0.48	6.84	0.02	0.07
6.34	0.52	0.48	6.83	0.02	0.07	6.36	0.52	0.48	6.82	0.02	0.07
6.38	0.51	0.49	6.81	0.02	0.07	6.40	0.53	0.47	6.80	0.02	0.06
6.42	0.52	0.48	6.79	0.02	0.07	6.44	0.53	0.47	6.78	0.02	0.06
6.46	0.49	0.51	6.77	0.02	0.07	6.48	0.47	0.53	6.76	0.02	0.07
6.50	0.46	0.54	6.75	0.02	0.07	6.52	0.47	0.53	6.74	0.02	0.07
6.54	0.48	0.52	6.73	0.02	0.07	6.56	0.51	0.49	6.72	0.02	0.07
6.58	0.53	0.47	6.71	0.02	0.06	6.60	0.53	0.47	6.70	0.02	0.06
6.62	0.50	0.50	6.69	0.02	0.07	6.64	0.48	0.52	6.68	0.02	0.07
6.66	2.00	0.00	6.67	0.02	0.00	6.68	2.00	0.00	6.66	0.02	0.00
6.70	2.00	0.00	6.65	0.02	0.00	6.72	2.00	0.00	6.64	0.02	0.00
6.74	2.00	0.00	6.63	0.02	0.00	6.76	2.00	0.00	6.62	0.02	0.00
6.78	2.00	0.00	6.61	0.02	0.00	6.80	2.00	0.00	6.60	0.02	0.00
6.82	2.00	0.00	6.59	0.02	0.00	6.84	2.00	0.00	6.58	0.02	0.00
6.86	2.00	0.00	6.57	0.02	0.00	6.88	2.00	0.00	6.56	0.02	0.00
6.90	2.00	0.00	6.55	0.02	0.00	6.92	2.00	0.00	6.54	0.02	0.00
6.94	2.00	0.00	6.53	0.02	0.00	6.96	2.00	0.00	6.52	0.02	0.00
6.98	2.00	0.00	6.51	0.02	0.00	7.00	2.00	0.00	6.50	0.02	0.00
7.02	2.00	0.00	6.49	0.02	0.00	7.04	2.00	0.00	6.48	0.02	0.00
7.06	2.00	0.00	6.47	0.02	0.00	7.08	2.00	0.00	6.46	0.02	0.00
7.10	2.00	0.00	6.45	0.02	0.00	7.12	2.00	0.00	6.44	0.02	0.00
7.14	2.00	0.00	6.43	0.02	0.00	7.17	2.00	0.00	6.42	0.03	0.00
7.18	2.00	0.00	6.41	0.01	0.00	7.20	2.00	0.00	6.40	0.02	0.00
7.22	2.00	0.00	6.39	0.02	0.00	7.24	2.00	0.00	6.38	0.02	0.00
7.26	2.00	0.00	6.37	0.02	0.00	7.28	2.00	0.00	6.36	0.02	0.00
7.30	2.00	0.00	6.35	0.02	0.00	7.32	2.00	0.00	6.34	0.02	0.00
7.34	2.00	0.00	6.33	0.02	0.00	7.36	2.00	0.00	6.32	0.02	0.00
7.38	2.00	0.00	6.31	0.02	0.00	7.40	2.00	0.00	6.30	0.02	0.00
7.42	2.00	0.00	6.29	0.02	0.00	7.44	2.00	0.00	6.28	0.02	0.00
7.46	2.00	0.00	6.27	0.02	0.00	7.48	2.00	0.00	6.26	0.02	0.00
7.50	2.00	0.00	6.25	0.02	0.00	7.52	2.00	0.00	6.24	0.02	0.00
7.54	2.00	0.00	6.23	0.02	0.00	7.56	2.00	0.00	6.22	0.02	0.00
7.58	2.00	0.00	6.21	0.02	0.00	7.60	2.00	0.00	6.20	0.02	0.00
7.62	2.00	0.00	6.19	0.02	0.00	7.64	2.00	0.00	6.18	0.02	0.00
7.66	2.00	0.00	6.17	0.02	0.00	7.68	2.00	0.00	6.16	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
7.70	2.00	0.00	6.15	0.02	0.00	7.72	2.00	0.00	6.14	0.02	0.00
7.74	2.00	0.00	6.13	0.02	0.00	7.76	2.00	0.00	6.12	0.02	0.00
7.78	2.00	0.00	6.11	0.02	0.00	7.80	2.00	0.00	6.10	0.02	0.00
7.82	2.00	0.00	6.09	0.02	0.00	7.84	2.00	0.00	6.08	0.02	0.00
7.86	2.00	0.00	6.07	0.02	0.00	7.88	2.00	0.00	6.06	0.02	0.00
7.90	2.00	0.00	6.05	0.02	0.00	7.92	2.00	0.00	6.04	0.02	0.00
7.94	2.00	0.00	6.03	0.02	0.00	7.96	2.00	0.00	6.02	0.02	0.00
7.98	2.00	0.00	6.01	0.02	0.00	8.00	2.00	0.00	6.00	0.02	0.00
8.02	2.00	0.00	5.99	0.02	0.00	8.04	2.00	0.00	5.98	0.02	0.00
8.06	2.00	0.00	5.97	0.02	0.00	8.08	2.00	0.00	5.96	0.02	0.00
8.10	2.00	0.00	5.95	0.02	0.00	8.12	2.00	0.00	5.94	0.02	0.00
8.14	2.00	0.00	5.93	0.02	0.00	8.16	2.00	0.00	5.92	0.02	0.00
8.18	2.00	0.00	5.91	0.02	0.00	8.20	2.00	0.00	5.90	0.02	0.00
8.22	2.00	0.00	5.89	0.02	0.00	8.24	2.00	0.00	5.88	0.02	0.00
8.26	2.00	0.00	5.87	0.02	0.00	8.28	2.00	0.00	5.86	0.02	0.00
8.30	2.00	0.00	5.85	0.02	0.00	8.32	2.00	0.00	5.84	0.02	0.00
8.34	2.00	0.00	5.83	0.02	0.00	8.36	2.00	0.00	5.82	0.02	0.00
8.38	2.00	0.00	5.81	0.02	0.00	8.40	2.00	0.00	5.80	0.02	0.00
8.42	2.00	0.00	5.79	0.02	0.00	8.44	2.00	0.00	5.78	0.02	0.00
8.46	2.00	0.00	5.77	0.02	0.00	8.48	2.00	0.00	5.76	0.02	0.00
8.50	2.00	0.00	5.75	0.02	0.00	8.52	2.00	0.00	5.74	0.02	0.00
8.54	2.00	0.00	5.73	0.02	0.00	8.56	2.00	0.00	5.72	0.02	0.00
8.58	2.00	0.00	5.71	0.02	0.00	8.60	2.00	0.00	5.70	0.02	0.00
8.62	2.00	0.00	5.69	0.02	0.00	8.64	2.00	0.00	5.68	0.02	0.00
8.66	2.00	0.00	5.67	0.02	0.00	8.68	2.00	0.00	5.66	0.02	0.00
8.70	2.00	0.00	5.65	0.02	0.00	8.72	2.00	0.00	5.64	0.02	0.00
8.74	2.00	0.00	5.63	0.02	0.00	8.76	2.00	0.00	5.62	0.02	0.00
8.78	2.00	0.00	5.61	0.02	0.00	8.80	2.00	0.00	5.60	0.02	0.00
8.82	2.00	0.00	5.59	0.02	0.00	8.84	2.00	0.00	5.58	0.02	0.00
8.86	2.00	0.00	5.57	0.02	0.00	8.88	2.00	0.00	5.56	0.02	0.00
8.90	2.00	0.00	5.55	0.02	0.00	8.92	2.00	0.00	5.54	0.02	0.00
8.94	2.00	0.00	5.53	0.02	0.00	8.96	2.00	0.00	5.52	0.02	0.00
8.98	2.00	0.00	5.51	0.02	0.00	9.00	2.00	0.00	5.50	0.02	0.00
9.02	2.00	0.00	5.49	0.02	0.00	9.04	2.00	0.00	5.48	0.02	0.00
9.06	2.00	0.00	5.47	0.02	0.00	9.08	2.00	0.00	5.46	0.02	0.00
9.10	2.00	0.00	5.45	0.02	0.00	9.12	2.00	0.00	5.44	0.02	0.00
9.14	2.00	0.00	5.43	0.02	0.00	9.16	2.00	0.00	5.42	0.02	0.00
9.18	2.00	0.00	5.41	0.02	0.00	9.20	2.00	0.00	5.40	0.02	0.00
9.22	2.00	0.00	5.39	0.02	0.00	9.24	2.00	0.00	5.38	0.02	0.00
9.26	2.00	0.00	5.37	0.02	0.00	9.28	2.00	0.00	5.36	0.02	0.00
9.30	2.00	0.00	5.35	0.02	0.00	9.32	2.00	0.00	5.34	0.02	0.00
9.34	2.00	0.00	5.33	0.02	0.00	9.36	2.00	0.00	5.32	0.02	0.00
9.38	2.00	0.00	5.31	0.02	0.00	9.40	2.00	0.00	5.30	0.02	0.00
9.42	2.00	0.00	5.29	0.02	0.00	9.44	2.00	0.00	5.28	0.02	0.00
9.46	2.00	0.00	5.27	0.02	0.00	9.48	2.00	0.00	5.26	0.02	0.00
9.50	2.00	0.00	5.25	0.02	0.00	9.52	2.00	0.00	5.24	0.02	0.00
9.54	2.00	0.00	5.23	0.02	0.00	9.56	2.00	0.00	5.22	0.02	0.00
9.58	2.00	0.00	5.21	0.02	0.00	9.60	2.00	0.00	5.20	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
9.62	2.00	0.00	5.19	0.02	0.00	9.64	2.00	0.00	5.18	0.02	0.00
9.66	2.00	0.00	5.17	0.02	0.00	9.68	2.00	0.00	5.16	0.02	0.00
9.70	2.00	0.00	5.15	0.02	0.00	9.72	2.00	0.00	5.14	0.02	0.00
9.74	2.00	0.00	5.13	0.02	0.00	9.76	2.00	0.00	5.12	0.02	0.00
9.78	2.00	0.00	5.11	0.02	0.00	9.80	2.00	0.00	5.10	0.02	0.00
9.82	2.00	0.00	5.09	0.02	0.00	9.84	2.00	0.00	5.08	0.02	0.00
9.86	2.00	0.00	5.07	0.02	0.00	9.88	2.00	0.00	5.06	0.02	0.00
9.90	2.00	0.00	5.05	0.02	0.00	9.92	2.00	0.00	5.04	0.02	0.00
9.94	2.00	0.00	5.03	0.02	0.00	9.96	2.00	0.00	5.02	0.02	0.00
9.98	2.00	0.00	5.01	0.02	0.00	10.00	2.00	0.00	5.00	0.02	0.00
10.02	2.00	0.00	4.99	0.02	0.00	10.04	2.00	0.00	4.98	0.02	0.00
10.06	2.00	0.00	4.97	0.02	0.00	10.08	2.00	0.00	4.96	0.02	0.00
10.10	2.00	0.00	4.95	0.02	0.00	10.12	2.00	0.00	4.94	0.02	0.00
10.14	2.00	0.00	4.93	0.02	0.00	10.16	2.00	0.00	4.92	0.02	0.00
10.18	2.00	0.00	4.91	0.02	0.00	10.20	2.00	0.00	4.90	0.02	0.00
10.22	2.00	0.00	4.89	0.02	0.00	10.24	2.00	0.00	4.88	0.02	0.00
10.26	2.00	0.00	4.87	0.02	0.00	10.28	2.00	0.00	4.86	0.02	0.00
10.30	2.00	0.00	4.85	0.02	0.00	10.32	2.00	0.00	4.84	0.02	0.00
10.34	2.00	0.00	4.83	0.02	0.00	10.36	2.00	0.00	4.82	0.02	0.00
10.38	2.00	0.00	4.81	0.02	0.00	10.40	2.00	0.00	4.80	0.02	0.00
10.42	2.00	0.00	4.79	0.02	0.00	10.44	2.00	0.00	4.78	0.02	0.00
10.46	2.00	0.00	4.77	0.02	0.00	10.48	2.00	0.00	4.76	0.02	0.00
10.50	2.00	0.00	4.75	0.02	0.00	10.52	2.00	0.00	4.74	0.02	0.00
10.54	2.00	0.00	4.73	0.02	0.00	10.56	2.00	0.00	4.72	0.02	0.00
10.58	2.00	0.00	4.71	0.02	0.00	10.60	2.00	0.00	4.70	0.02	0.00
10.62	2.00	0.00	4.69	0.02	0.00	10.64	2.00	0.00	4.68	0.02	0.00
10.66	2.00	0.00	4.67	0.02	0.00	10.68	2.00	0.00	4.66	0.02	0.00
10.70	2.00	0.00	4.65	0.02	0.00	10.72	2.00	0.00	4.64	0.02	0.00
10.74	2.00	0.00	4.63	0.02	0.00	10.76	2.00	0.00	4.62	0.02	0.00
10.78	2.00	0.00	4.61	0.02	0.00	10.80	2.00	0.00	4.60	0.02	0.00
10.82	2.00	0.00	4.59	0.02	0.00	10.84	2.00	0.00	4.58	0.02	0.00
10.86	2.00	0.00	4.57	0.02	0.00	10.88	2.00	0.00	4.56	0.02	0.00
10.90	2.00	0.00	4.55	0.02	0.00	10.92	2.00	0.00	4.54	0.02	0.00
10.94	2.00	0.00	4.53	0.02	0.00	10.96	2.00	0.00	4.52	0.02	0.00
10.98	2.00	0.00	4.51	0.02	0.00	11.00	2.00	0.00	4.50	0.02	0.00
11.02	2.00	0.00	4.49	0.02	0.00	11.04	2.00	0.00	4.48	0.02	0.00
11.06	2.00	0.00	4.47	0.02	0.00	11.08	2.00	0.00	4.46	0.02	0.00
11.10	2.00	0.00	4.45	0.02	0.00	11.12	2.00	0.00	4.44	0.02	0.00
11.14	2.00	0.00	4.43	0.02	0.00	11.16	2.00	0.00	4.42	0.02	0.00
11.18	2.00	0.00	4.41	0.02	0.00	11.20	2.00	0.00	4.40	0.02	0.00
11.22	2.00	0.00	4.39	0.02	0.00	11.24	2.00	0.00	4.38	0.02	0.00
11.26	2.00	0.00	4.37	0.02	0.00	11.28	2.00	0.00	4.36	0.02	0.00
11.30	2.00	0.00	4.35	0.02	0.00	11.32	2.00	0.00	4.34	0.02	0.00
11.34	2.00	0.00	4.33	0.02	0.00	11.36	2.00	0.00	4.32	0.02	0.00
11.38	2.00	0.00	4.31	0.02	0.00	11.40	2.00	0.00	4.30	0.02	0.00
11.42	2.00	0.00	4.29	0.02	0.00	11.44	2.00	0.00	4.28	0.02	0.00
11.46	2.00	0.00	4.27	0.02	0.00	11.48	2.00	0.00	4.26	0.02	0.00
11.50	2.00	0.00	4.25	0.02	0.00	11.52	2.00	0.00	4.24	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
11.54	2.00	0.00	4.23	0.02	0.00	11.56	2.00	0.00	4.22	0.02	0.00
11.58	2.00	0.00	4.21	0.02	0.00	11.60	2.00	0.00	4.20	0.02	0.00
11.62	2.00	0.00	4.19	0.02	0.00	11.64	2.00	0.00	4.18	0.02	0.00
11.66	2.00	0.00	4.17	0.02	0.00	11.68	2.00	0.00	4.16	0.02	0.00
11.70	2.00	0.00	4.15	0.02	0.00	11.72	2.00	0.00	4.14	0.02	0.00
11.74	2.00	0.00	4.13	0.02	0.00	11.76	2.00	0.00	4.12	0.02	0.00
11.78	2.00	0.00	4.11	0.02	0.00	11.80	2.00	0.00	4.10	0.02	0.00
11.82	2.00	0.00	4.09	0.02	0.00	11.84	2.00	0.00	4.08	0.02	0.00
11.86	2.00	0.00	4.07	0.02	0.00	11.88	2.00	0.00	4.06	0.02	0.00
11.90	2.00	0.00	4.05	0.02	0.00	11.92	2.00	0.00	4.04	0.02	0.00
11.94	2.00	0.00	4.03	0.02	0.00	11.96	2.00	0.00	4.02	0.02	0.00
11.98	2.00	0.00	4.01	0.02	0.00	12.00	2.00	0.00	4.00	0.02	0.00
12.02	2.00	0.00	3.99	0.02	0.00	12.04	2.00	0.00	3.98	0.02	0.00
12.06	2.00	0.00	3.97	0.02	0.00	12.08	2.00	0.00	3.96	0.02	0.00
12.10	2.00	0.00	3.95	0.02	0.00	12.12	2.00	0.00	3.94	0.02	0.00
12.14	2.00	0.00	3.93	0.02	0.00	12.16	2.00	0.00	3.92	0.02	0.00
12.18	2.00	0.00	3.91	0.02	0.00	12.20	2.00	0.00	3.90	0.02	0.00
12.22	2.00	0.00	3.89	0.02	0.00	12.24	2.00	0.00	3.88	0.02	0.00
12.26	2.00	0.00	3.87	0.02	0.00	12.28	2.00	0.00	3.86	0.02	0.00
12.30	2.00	0.00	3.85	0.02	0.00	12.32	2.00	0.00	3.84	0.02	0.00
12.34	2.00	0.00	3.83	0.02	0.00	12.36	2.00	0.00	3.82	0.02	0.00
12.38	2.00	0.00	3.81	0.02	0.00	12.40	2.00	0.00	3.80	0.02	0.00
12.42	2.00	0.00	3.79	0.02	0.00	12.44	2.00	0.00	3.78	0.02	0.00
12.46	2.00	0.00	3.77	0.02	0.00	12.48	2.00	0.00	3.76	0.02	0.00
12.50	2.00	0.00	3.75	0.02	0.00	12.52	2.00	0.00	3.74	0.02	0.00
12.54	2.00	0.00	3.73	0.02	0.00	12.56	2.00	0.00	3.72	0.02	0.00
12.58	2.00	0.00	3.71	0.02	0.00	12.60	2.00	0.00	3.70	0.02	0.00
12.62	2.00	0.00	3.69	0.02	0.00	12.64	2.00	0.00	3.68	0.02	0.00
12.66	2.00	0.00	3.67	0.02	0.00	12.68	2.00	0.00	3.66	0.02	0.00
12.70	2.00	0.00	3.65	0.02	0.00	12.72	2.00	0.00	3.64	0.02	0.00
12.74	2.00	0.00	3.63	0.02	0.00	12.76	2.00	0.00	3.62	0.02	0.00
12.78	2.00	0.00	3.61	0.02	0.00	12.80	2.00	0.00	3.60	0.02	0.00
12.82	2.00	0.00	3.59	0.02	0.00	12.84	2.00	0.00	3.58	0.02	0.00
12.86	2.00	0.00	3.57	0.02	0.00	12.88	2.00	0.00	3.56	0.02	0.00
12.90	2.00	0.00	3.55	0.02	0.00	12.92	2.00	0.00	3.54	0.02	0.00
12.94	2.00	0.00	3.53	0.02	0.00	12.96	2.00	0.00	3.52	0.02	0.00
12.98	2.00	0.00	3.51	0.02	0.00	13.00	2.00	0.00	3.50	0.02	0.00
13.02	2.00	0.00	3.49	0.02	0.00	13.04	2.00	0.00	3.48	0.02	0.00
13.06	2.00	0.00	3.47	0.02	0.00	13.08	2.00	0.00	3.46	0.02	0.00
13.10	2.00	0.00	3.45	0.02	0.00	13.12	2.00	0.00	3.44	0.02	0.00
13.14	2.00	0.00	3.43	0.02	0.00	13.16	2.00	0.00	3.42	0.02	0.00
13.18	2.00	0.00	3.41	0.02	0.00	13.20	2.00	0.00	3.40	0.02	0.00
13.22	2.00	0.00	3.39	0.02	0.00	13.24	2.00	0.00	3.38	0.02	0.00
13.26	2.00	0.00	3.37	0.02	0.00	13.28	2.00	0.00	3.36	0.02	0.00
13.30	2.00	0.00	3.35	0.02	0.00	13.32	2.00	0.00	3.34	0.02	0.00
13.34	2.00	0.00	3.33	0.02	0.00	13.36	2.00	0.00	3.32	0.02	0.00
13.38	2.00	0.00	3.31	0.02	0.00	13.40	2.00	0.00	3.30	0.02	0.00
13.42	2.00	0.00	3.29	0.02	0.00	13.44	2.00	0.00	3.28	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
13.46	2.00	0.00	3.27	0.02	0.00	13.48	2.00	0.00	3.26	0.02	0.00
13.50	2.00	0.00	3.25	0.02	0.00	13.52	2.00	0.00	3.24	0.02	0.00
13.54	2.00	0.00	3.23	0.02	0.00	13.56	2.00	0.00	3.22	0.02	0.00
13.58	2.00	0.00	3.21	0.02	0.00	13.60	2.00	0.00	3.20	0.02	0.00
13.62	2.00	0.00	3.19	0.02	0.00	13.64	2.00	0.00	3.18	0.02	0.00
13.66	2.00	0.00	3.17	0.02	0.00	13.68	2.00	0.00	3.16	0.02	0.00
13.70	2.00	0.00	3.15	0.02	0.00	13.72	2.00	0.00	3.14	0.02	0.00
13.74	2.00	0.00	3.13	0.02	0.00	13.76	2.00	0.00	3.12	0.02	0.00
13.78	2.00	0.00	3.11	0.02	0.00	13.80	2.00	0.00	3.10	0.02	0.00
13.82	2.00	0.00	3.09	0.02	0.00	13.84	2.00	0.00	3.08	0.02	0.00
13.86	2.00	0.00	3.07	0.02	0.00	13.88	2.00	0.00	3.06	0.02	0.00
13.90	2.00	0.00	3.05	0.02	0.00	13.92	2.00	0.00	3.04	0.02	0.00
13.94	2.00	0.00	3.03	0.02	0.00	13.96	2.00	0.00	3.02	0.02	0.00
13.98	2.00	0.00	3.01	0.02	0.00	14.00	2.00	0.00	3.00	0.02	0.00
14.02	2.00	0.00	2.99	0.02	0.00	14.04	2.00	0.00	2.98	0.02	0.00
14.06	2.00	0.00	2.97	0.02	0.00	14.08	2.00	0.00	2.96	0.02	0.00
14.10	2.00	0.00	2.95	0.02	0.00	14.12	2.00	0.00	2.94	0.02	0.00
14.14	2.00	0.00	2.93	0.02	0.00	14.16	2.00	0.00	2.92	0.02	0.00
14.18	2.00	0.00	2.91	0.02	0.00	14.20	2.00	0.00	2.90	0.02	0.00
14.22	2.00	0.00	2.89	0.02	0.00	14.24	2.00	0.00	2.88	0.02	0.00
14.26	2.00	0.00	2.87	0.02	0.00	14.28	2.00	0.00	2.86	0.02	0.00
14.30	2.00	0.00	2.85	0.02	0.00	14.32	2.00	0.00	2.84	0.02	0.00
14.34	2.00	0.00	2.83	0.02	0.00	14.36	2.00	0.00	2.82	0.02	0.00
14.38	2.00	0.00	2.81	0.02	0.00	14.40	2.00	0.00	2.80	0.02	0.00
14.42	2.00	0.00	2.79	0.02	0.00	14.44	2.00	0.00	2.78	0.02	0.00
14.46	2.00	0.00	2.77	0.02	0.00	14.48	2.00	0.00	2.76	0.02	0.00
14.50	2.00	0.00	2.75	0.02	0.00	14.52	2.00	0.00	2.74	0.02	0.00
14.54	2.00	0.00	2.73	0.02	0.00	14.56	2.00	0.00	2.72	0.02	0.00
14.58	2.00	0.00	2.71	0.02	0.00	14.60	2.00	0.00	2.70	0.02	0.00
14.62	2.00	0.00	2.69	0.02	0.00	14.64	2.00	0.00	2.68	0.02	0.00
14.66	2.00	0.00	2.67	0.02	0.00	14.68	2.00	0.00	2.66	0.02	0.00
14.70	2.00	0.00	2.65	0.02	0.00	14.72	2.00	0.00	2.64	0.02	0.00
14.74	2.00	0.00	2.63	0.02	0.00	14.76	2.00	0.00	2.62	0.02	0.00
14.78	2.00	0.00	2.61	0.02	0.00	14.80	2.00	0.00	2.60	0.02	0.00
14.82	2.00	0.00	2.59	0.02	0.00	14.84	2.00	0.00	2.58	0.02	0.00
14.86	2.00	0.00	2.57	0.02	0.00	14.88	2.00	0.00	2.56	0.02	0.00
14.90	2.00	0.00	2.55	0.02	0.00	14.92	2.00	0.00	2.54	0.02	0.00
14.94	2.00	0.00	2.53	0.02	0.00	14.96	2.00	0.00	2.52	0.02	0.00
14.98	2.00	0.00	2.51	0.02	0.00	15.00	2.00	0.00	2.50	0.02	0.00
15.02	2.00	0.00	2.49	0.02	0.00	15.04	2.00	0.00	2.48	0.02	0.00
15.06	2.00	0.00	2.47	0.02	0.00	15.08	2.00	0.00	2.46	0.02	0.00
15.10	2.00	0.00	2.45	0.02	0.00	15.12	2.00	0.00	2.44	0.02	0.00
15.14	2.00	0.00	2.43	0.02	0.00	15.16	2.00	0.00	2.42	0.02	0.00
15.18	2.00	0.00	2.41	0.02	0.00	15.20	2.00	0.00	2.40	0.02	0.00
15.22	2.00	0.00	2.39	0.02	0.00	15.24	2.00	0.00	2.38	0.02	0.00
15.26	2.00	0.00	2.37	0.02	0.00	15.28	2.00	0.00	2.36	0.02	0.00
15.30	2.00	0.00	2.35	0.02	0.00	15.32	2.00	0.00	2.34	0.02	0.00
15.34	2.00	0.00	2.33	0.02	0.00	15.36	2.00	0.00	2.32	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
15.38	2.00	0.00	2.31	0.02	0.00	15.40	2.00	0.00	2.30	0.02	0.00
15.42	2.00	0.00	2.29	0.02	0.00	15.44	2.00	0.00	2.28	0.02	0.00
15.46	2.00	0.00	2.27	0.02	0.00	15.48	2.00	0.00	2.26	0.02	0.00
15.50	2.00	0.00	2.25	0.02	0.00	15.52	2.00	0.00	2.24	0.02	0.00
15.54	2.00	0.00	2.23	0.02	0.00	15.56	2.00	0.00	2.22	0.02	0.00
15.58	2.00	0.00	2.21	0.02	0.00	15.60	2.00	0.00	2.20	0.02	0.00
15.62	2.00	0.00	2.19	0.02	0.00	15.64	2.00	0.00	2.18	0.02	0.00
15.66	2.00	0.00	2.17	0.02	0.00	15.68	2.00	0.00	2.16	0.02	0.00
15.70	2.00	0.00	2.15	0.02	0.00	15.72	2.00	0.00	2.14	0.02	0.00
15.74	2.00	0.00	2.13	0.02	0.00	15.76	2.00	0.00	2.12	0.02	0.00
15.78	2.00	0.00	2.11	0.02	0.00	15.80	2.00	0.00	2.10	0.02	0.00
15.82	2.00	0.00	2.09	0.02	0.00	15.84	2.00	0.00	2.08	0.02	0.00
15.86	2.00	0.00	2.07	0.02	0.00	15.88	2.00	0.00	2.06	0.02	0.00
15.90	2.00	0.00	2.05	0.02	0.00	15.92	2.00	0.00	2.04	0.02	0.00
15.94	2.00	0.00	2.03	0.02	0.00	15.96	2.00	0.00	2.02	0.02	0.00
15.98	2.00	0.00	2.01	0.02	0.00	16.00	2.00	0.00	2.00	0.02	0.00
16.02	2.00	0.00	1.99	0.02	0.00	16.04	2.00	0.00	1.98	0.02	0.00
16.06	2.00	0.00	1.97	0.02	0.00	16.08	2.00	0.00	1.96	0.02	0.00
16.10	2.00	0.00	1.95	0.02	0.00	16.12	2.00	0.00	1.94	0.02	0.00
16.14	2.00	0.00	1.93	0.02	0.00	16.16	2.00	0.00	1.92	0.02	0.00
16.18	2.00	0.00	1.91	0.02	0.00	16.20	2.00	0.00	1.90	0.02	0.00
16.22	2.00	0.00	1.89	0.02	0.00	16.24	2.00	0.00	1.88	0.02	0.00
16.26	2.00	0.00	1.87	0.02	0.00	16.28	2.00	0.00	1.86	0.02	0.00
16.30	2.00	0.00	1.85	0.02	0.00	16.32	2.00	0.00	1.84	0.02	0.00
16.34	2.00	0.00	1.83	0.02	0.00	16.36	2.00	0.00	1.82	0.02	0.00
16.38	2.00	0.00	1.81	0.02	0.00	16.40	2.00	0.00	1.80	0.02	0.00
16.42	2.00	0.00	1.79	0.02	0.00	16.44	2.00	0.00	1.78	0.02	0.00
16.46	2.00	0.00	1.77	0.02	0.00	16.48	2.00	0.00	1.76	0.02	0.00
16.50	2.00	0.00	1.75	0.02	0.00	16.52	2.00	0.00	1.74	0.02	0.00
16.54	2.00	0.00	1.73	0.02	0.00	16.56	2.00	0.00	1.72	0.02	0.00
16.58	2.00	0.00	1.71	0.02	0.00	16.60	2.00	0.00	1.70	0.02	0.00
16.62	2.00	0.00	1.69	0.02	0.00	16.64	0.58	0.42	1.68	0.02	0.01
16.66	0.61	0.39	1.67	0.02	0.01	16.68	0.61	0.39	1.66	0.02	0.01
16.70	0.60	0.40	1.65	0.02	0.01	16.72	2.00	0.00	1.64	0.02	0.00
16.74	2.00	0.00	1.63	0.02	0.00	16.76	2.00	0.00	1.62	0.02	0.00
16.78	2.00	0.00	1.61	0.02	0.00	16.80	2.00	0.00	1.60	0.02	0.00
16.82	2.00	0.00	1.59	0.02	0.00	16.84	2.00	0.00	1.58	0.02	0.00
16.86	2.00	0.00	1.57	0.02	0.00	16.88	2.00	0.00	1.56	0.02	0.00
16.90	2.00	0.00	1.55	0.02	0.00	16.92	2.00	0.00	1.54	0.02	0.00
16.94	2.00	0.00	1.53	0.02	0.00	16.96	2.00	0.00	1.52	0.02	0.00
16.98	2.00	0.00	1.51	0.02	0.00	17.00	2.00	0.00	1.50	0.02	0.00
17.02	2.00	0.00	1.49	0.02	0.00	17.04	2.00	0.00	1.48	0.02	0.00
17.06	2.00	0.00	1.47	0.02	0.00	17.08	2.00	0.00	1.46	0.02	0.00
17.10	2.00	0.00	1.45	0.02	0.00	17.12	2.00	0.00	1.44	0.02	0.00
17.14	2.00	0.00	1.43	0.02	0.00	17.16	2.00	0.00	1.42	0.02	0.00
17.18	2.00	0.00	1.41	0.02	0.00	17.20	2.00	0.00	1.40	0.02	0.00
17.22	2.00	0.00	1.39	0.02	0.00	17.24	2.00	0.00	1.38	0.02	0.00
17.26	2.00	0.00	1.37	0.02	0.00	17.28	2.00	0.00	1.36	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
17.30	2.00	0.00	1.35	0.02	0.00	17.32	2.00	0.00	1.34	0.02	0.00
17.34	2.00	0.00	1.33	0.02	0.00	17.36	2.00	0.00	1.32	0.02	0.00
17.38	2.00	0.00	1.31	0.02	0.00	17.40	2.00	0.00	1.30	0.02	0.00
17.42	2.00	0.00	1.29	0.02	0.00	17.44	2.00	0.00	1.28	0.02	0.00
17.46	2.00	0.00	1.27	0.02	0.00	17.48	2.00	0.00	1.26	0.02	0.00
17.50	2.00	0.00	1.25	0.02	0.00	17.52	2.00	0.00	1.24	0.02	0.00
17.54	2.00	0.00	1.23	0.02	0.00	17.56	2.00	0.00	1.22	0.02	0.00
17.58	2.00	0.00	1.21	0.02	0.00	17.60	2.00	0.00	1.20	0.02	0.00
17.62	2.00	0.00	1.19	0.02	0.00	17.64	2.00	0.00	1.18	0.02	0.00
17.66	2.00	0.00	1.17	0.02	0.00	17.68	2.00	0.00	1.16	0.02	0.00
17.70	2.00	0.00	1.15	0.02	0.00	17.72	2.00	0.00	1.14	0.02	0.00
17.74	2.00	0.00	1.13	0.02	0.00	17.76	2.00	0.00	1.12	0.02	0.00
17.78	2.00	0.00	1.11	0.02	0.00	17.80	2.00	0.00	1.10	0.02	0.00
17.82	2.00	0.00	1.09	0.02	0.00	17.84	2.00	0.00	1.08	0.02	0.00
17.86	2.00	0.00	1.07	0.02	0.00	17.88	2.00	0.00	1.06	0.02	0.00
17.90	2.00	0.00	1.05	0.02	0.00	17.92	2.00	0.00	1.04	0.02	0.00
17.94	2.00	0.00	1.03	0.02	0.00	17.96	2.00	0.00	1.02	0.02	0.00
17.98	2.00	0.00	1.01	0.02	0.00	18.00	2.00	0.00	1.00	0.02	0.00
18.02	2.00	0.00	0.99	0.02	0.00	18.04	2.00	0.00	0.98	0.02	0.00
18.06	2.00	0.00	0.97	0.02	0.00	18.08	2.00	0.00	0.96	0.02	0.00
18.10	2.00	0.00	0.95	0.02	0.00	18.12	2.00	0.00	0.94	0.02	0.00
18.14	2.00	0.00	0.93	0.02	0.00	18.16	2.00	0.00	0.92	0.02	0.00
18.18	2.00	0.00	0.91	0.02	0.00	18.20	2.00	0.00	0.90	0.02	0.00
18.22	2.00	0.00	0.89	0.02	0.00	18.24	2.00	0.00	0.88	0.02	0.00
18.26	2.00	0.00	0.87	0.02	0.00	18.28	2.00	0.00	0.86	0.02	0.00
18.30	2.00	0.00	0.85	0.02	0.00	18.32	2.00	0.00	0.84	0.02	0.00
18.34	2.00	0.00	0.83	0.02	0.00	18.36	2.00	0.00	0.82	0.02	0.00
18.38	2.00	0.00	0.81	0.02	0.00	18.40	2.00	0.00	0.80	0.02	0.00
18.42	2.00	0.00	0.79	0.02	0.00	18.44	2.00	0.00	0.78	0.02	0.00
18.46	2.00	0.00	0.77	0.02	0.00	18.48	2.00	0.00	0.76	0.02	0.00
18.50	2.00	0.00	0.75	0.02	0.00	18.52	2.00	0.00	0.74	0.02	0.00
18.54	2.00	0.00	0.73	0.02	0.00	18.56	2.00	0.00	0.72	0.02	0.00
18.58	2.00	0.00	0.71	0.02	0.00	18.60	2.00	0.00	0.70	0.02	0.00
18.62	2.00	0.00	0.69	0.02	0.00	18.64	2.00	0.00	0.68	0.02	0.00
18.66	2.00	0.00	0.67	0.02	0.00	18.68	2.00	0.00	0.66	0.02	0.00
18.70	2.00	0.00	0.65	0.02	0.00	18.72	2.00	0.00	0.64	0.02	0.00
18.74	2.00	0.00	0.63	0.02	0.00	18.76	2.00	0.00	0.62	0.02	0.00
18.78	2.00	0.00	0.61	0.02	0.00	18.80	2.00	0.00	0.60	0.02	0.00
18.82	2.00	0.00	0.59	0.02	0.00	18.84	2.00	0.00	0.58	0.02	0.00
18.86	2.00	0.00	0.57	0.02	0.00	18.88	2.00	0.00	0.56	0.02	0.00
18.90	2.00	0.00	0.55	0.02	0.00	18.92	2.00	0.00	0.54	0.02	0.00
18.94	2.00	0.00	0.53	0.02	0.00	18.96	2.00	0.00	0.52	0.02	0.00
18.98	2.00	0.00	0.51	0.02	0.00	19.00	2.00	0.00	0.50	0.02	0.00
19.02	2.00	0.00	0.49	0.02	0.00	19.04	2.00	0.00	0.48	0.02	0.00
19.06	2.00	0.00	0.47	0.02	0.00	19.08	2.00	0.00	0.46	0.02	0.00
19.10	2.00	0.00	0.45	0.02	0.00	19.12	2.00	0.00	0.44	0.02	0.00
19.14	2.00	0.00	0.43	0.02	0.00	19.16	2.00	0.00	0.42	0.02	0.00
19.18	2.00	0.00	0.41	0.02	0.00	19.20	2.00	0.00	0.40	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
19.22	2.00	0.00	0.39	0.02	0.00	19.24	2.00	0.00	0.38	0.02	0.00
19.26	2.00	0.00	0.37	0.02	0.00	19.28	2.00	0.00	0.36	0.02	0.00
19.30	2.00	0.00	0.35	0.02	0.00	19.32	2.00	0.00	0.34	0.02	0.00
19.34	2.00	0.00	0.33	0.02	0.00	19.36	2.00	0.00	0.32	0.02	0.00
19.38	2.00	0.00	0.31	0.02	0.00	19.40	2.00	0.00	0.30	0.02	0.00
19.42	2.00	0.00	0.29	0.02	0.00	19.44	2.00	0.00	0.28	0.02	0.00
19.46	2.00	0.00	0.27	0.02	0.00	19.48	2.00	0.00	0.26	0.02	0.00
19.50	2.00	0.00	0.25	0.02	0.00	19.52	2.00	0.00	0.24	0.02	0.00
19.54	2.00	0.00	0.23	0.02	0.00	19.56	2.00	0.00	0.22	0.02	0.00
19.58	2.00	0.00	0.21	0.02	0.00	19.60	2.00	0.00	0.20	0.02	0.00
19.62	2.00	0.00	0.19	0.02	0.00	19.64	2.00	0.00	0.18	0.02	0.00
19.66	2.00	0.00	0.17	0.02	0.00	19.68	2.00	0.00	0.16	0.02	0.00
19.70	2.00	0.00	0.15	0.02	0.00	19.72	2.00	0.00	0.14	0.02	0.00
19.74	2.00	0.00	0.13	0.02	0.00	19.76	2.00	0.00	0.12	0.02	0.00
19.78	2.00	0.00	0.11	0.02	0.00	19.80	2.00	0.00	0.10	0.02	0.00
19.82	2.00	0.00	0.09	0.02	0.00	19.84	2.00	0.00	0.08	0.02	0.00
19.86	2.00	0.00	0.07	0.02	0.00	19.88	2.00	0.00	0.06	0.02	0.00
19.90	2.00	0.00	0.05	0.02	0.00	19.92	2.00	0.00	0.04	0.02	0.00
19.94	2.00	0.00	0.03	0.02	0.00	19.96	2.00	0.00	0.02	0.02	0.00
19.98	2.00	0.00	0.01	0.02	0.00	20.00	2.00	0.00	0.00	0.02	0.00
20.02	2.00	0.00	0.00	0.00	0.00	20.04	2.00	0.00	0.00	0.00	0.00
20.06	2.00	0.00	0.00	0.00	0.00	20.08	2.00	0.00	0.00	0.00	0.00
20.10	2.00	0.00	0.00	0.00	0.00	20.12	2.00	0.00	0.00	0.00	0.00
20.14	2.00	0.00	0.00	0.00	0.00						

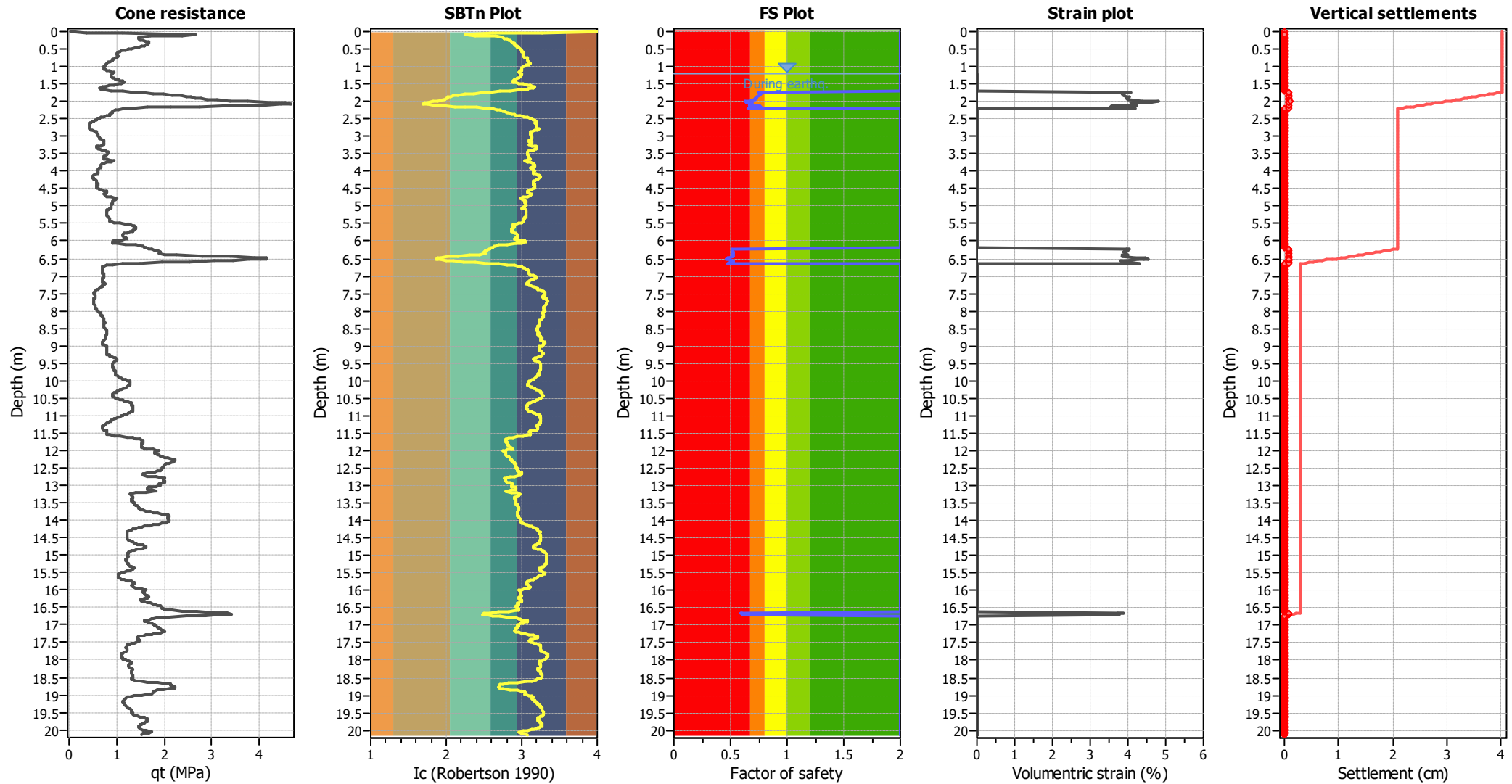
Overall liquefaction potential: 2.76

LPI = 0.00 - Liquefaction risk very low
 LPI between 0.00 and 5.00 - Liquefaction risk low
 LPI between 5.00 and 15.00 - Liquefaction risk high
 LPI > 15.00 - Liquefaction risk very high

Abbreviations

FS: Calculated factor of safety for test point
 F_L: 1 - FS
 w_z: Function value of the extend of soil liquefaction according to depth
 d_z: Layer thickness (m)
 LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

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

:: Post-earthquake settlement of dry sands ::													
Depth (m)	Ic	Kc	Qc1n	Qc1n,cs	N1,60 (blows)	Vs (m/s)	Gmax (KPa)	CSR	Shear, γ (%)	Svol,15 (%)	Nc	ev (%)	Settle. (cm)
0.02	4.06	26.61	0.97	25.87	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.04	3.27	10.22	5.97	60.96	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.06	2.61	3.41	19.28	65.80	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.08	2.26	1.82	38.60	70.43	16	179.7	6306	0.13	0.005	0.01	5.21	0.00	0.000
0.10	2.25	1.79	45.03	80.46	18	192.5	8368	0.12	0.004	0.00	5.21	0.00	0.000
0.12	2.39	2.29	40.42	92.49	23	200.3	10185	0.13	0.004	0.00	5.21	0.00	0.000
0.14	2.65	3.65	28.71	104.69	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.16	2.74	4.33	25.49	110.37	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.18	2.76	4.45	24.71	109.96	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.20	2.78	4.58	24.68	113.09	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.22	2.80	4.82	24.76	119.37	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.24	2.84	5.10	25.29	128.83	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.26	2.85	5.26	26.29	138.31	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.28	2.86	5.33	27.49	146.63	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.30	2.87	5.39	28.35	152.77	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.32	2.88	5.53	28.51	157.65	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.34	2.90	5.68	28.29	160.61	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.36	2.91	5.80	27.83	161.40	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.38	2.92	5.87	27.26	159.99	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.40	2.92	5.93	26.51	157.26	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.42	2.93	6.03	25.51	153.95	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.44	2.94	6.14	24.51	150.43	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.46	2.96	6.29	23.33	146.70	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.48	2.98	6.48	22.03	142.72	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.50	2.99	6.63	20.80	137.86	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.52	3.00	6.70	19.74	132.29	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.54	3.00	6.70	18.92	126.68	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.56	3.00	6.71	18.22	122.27	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.58	3.00	6.75	17.71	119.60	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.60	3.01	6.86	17.28	118.63	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.62	3.02	6.98	16.99	118.63	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.64	3.03	7.05	16.84	118.71	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.66	3.03	7.05	16.85	118.85	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.68	3.03	7.04	16.88	118.90	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.70	3.02	7.01	17.00	119.13	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.72	3.03	7.06	17.00	120.01	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.74	3.04	7.26	16.69	121.11	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.76	3.07	7.56	16.03	121.21	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.78	3.08	7.73	15.45	119.49	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.80	3.08	7.67	15.33	117.58	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.82	3.08	7.62	15.24	116.17	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.84	3.08	7.67	15.02	115.26	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.86	3.10	7.87	14.33	112.83	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.88	3.11	7.99	13.67	109.23	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.90	3.11	8.06	13.13	105.82	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.92	3.11	7.99	12.84	102.59	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.94	3.09	7.79	12.73	99.18	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.96	3.06	7.44	12.56	93.40	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000

:: Post-earthquake settlement of dry sands :: (continued)

Depth (m)	Ic	Kc	Qc1n	Qc1n,cs	N1,60 (blows)	Vs (m/s)	Gmax (KPa)	CSR	Shear, γ (%)	Svol,15 (%)	Nc	ev (%)	Settle. (cm)
0.98	3.03	7.12	12.28	87.44	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.00	3.01	6.89	12.01	82.77	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.02	3.00	6.73	12.03	80.99	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.04	2.99	6.67	12.10	80.76	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.06	2.99	6.64	12.16	80.76	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.08	2.99	6.65	12.15	80.79	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.10	2.99	6.64	12.36	82.04	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.12	2.99	6.67	12.88	85.88	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.14	2.97	6.43	13.91	89.51	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.16	2.96	6.32	14.75	93.25	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.18	2.96	6.27	15.39	96.56	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000

Total estimated settlement: 0.00**:: Post-earthquake settlement due to soil liquefaction ::**

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
1.20	13.93	2.00	0.00	1.00	0.00	1.22	13.14	2.00	0.00	1.00	0.00
1.24	13.14	2.00	0.00	1.00	0.00	1.26	13.15	2.00	0.00	1.00	0.00
1.28	13.18	2.00	0.00	1.00	0.00	1.30	13.18	2.00	0.00	1.00	0.00
1.32	13.86	2.00	0.00	1.00	0.00	1.34	14.55	2.00	0.00	1.00	0.00
1.36	15.02	2.00	0.00	1.00	0.00	1.38	15.29	2.00	0.00	1.00	0.00
1.40	16.79	2.00	0.00	1.00	0.00	1.42	17.42	2.00	0.00	1.00	0.00
1.44	17.92	2.00	0.00	1.00	0.00	1.46	17.96	2.00	0.00	1.00	0.00
1.48	17.67	2.00	0.00	1.00	0.00	1.50	15.89	2.00	0.00	1.00	0.00
1.52	14.33	2.00	0.00	1.00	0.00	1.54	13.02	2.00	0.00	1.00	0.00
1.56	11.55	2.00	0.00	1.00	0.00	1.58	10.07	2.00	0.00	1.00	0.00
1.60	9.91	2.00	0.00	1.00	0.00	1.62	9.87	2.00	0.00	1.00	0.00
1.64	9.94	2.00	0.00	1.00	0.00	1.66	10.02	2.00	0.00	1.00	0.00
1.68	10.41	2.00	0.00	1.00	0.00	1.70	13.32	2.00	0.00	1.00	0.00
1.72	17.78	2.00	0.00	1.00	0.00	1.74	78.34	0.74	4.09	1.00	0.08
1.76	81.36	0.76	3.94	1.00	0.08	1.78	82.81	0.76	3.88	1.00	0.08
1.80	83.89	0.77	3.83	1.00	0.08	1.82	82.80	0.76	3.88	1.00	0.08
1.84	82.38	0.75	3.90	1.00	0.08	1.86	81.00	0.74	3.96	1.00	0.08
1.88	79.68	0.72	4.02	1.00	0.08	1.90	80.00	0.72	4.01	1.00	0.08
1.92	81.20	0.73	3.95	1.00	0.08	1.94	80.44	0.72	3.99	1.00	0.08
1.96	79.24	0.71	4.05	1.00	0.08	1.98	72.77	0.66	4.39	1.00	0.09
2.00	66.11	0.62	4.80	1.00	0.10	2.02	69.84	0.64	4.56	1.00	0.09
2.04	78.54	0.69	4.08	1.00	0.08	2.06	77.48	0.68	4.13	1.00	0.08
2.08	75.81	0.67	4.22	1.00	0.08	2.10	75.40	0.66	4.24	1.00	0.08
2.12	89.69	0.76	3.59	1.00	0.07	2.14	90.44	0.76	3.56	1.00	0.07
2.16	86.56	0.73	3.71	1.00	0.07	2.18	80.96	0.69	3.96	1.00	0.08
2.20	75.99	0.66	4.21	1.00	0.08	2.22	18.52	2.00	0.00	1.00	0.00
2.24	16.93	2.00	0.00	1.00	0.00	2.26	14.94	2.00	0.00	1.00	0.00
2.28	14.68	2.00	0.00	1.00	0.00	2.30	14.64	2.00	0.00	1.00	0.00
2.32	14.60	2.00	0.00	1.00	0.00	2.34	14.43	2.00	0.00	1.00	0.00
2.36	13.60	2.00	0.00	1.00	0.00	2.38	13.55	2.00	0.00	1.00	0.00
2.40	13.67	2.00	0.00	1.00	0.00	2.42	12.63	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
2.44	11.59	2.00	0.00	1.00	0.00	2.46	10.52	2.00	0.00	1.00	0.00
2.48	9.60	2.00	0.00	1.00	0.00	2.50	9.23	2.00	0.00	1.00	0.00
2.52	8.87	2.00	0.00	1.00	0.00	2.54	8.38	2.00	0.00	1.00	0.00
2.56	7.58	2.00	0.00	1.00	0.00	2.58	7.13	2.00	0.00	1.00	0.00
2.60	6.84	2.00	0.00	1.00	0.00	2.62	6.67	2.00	0.00	1.00	0.00
2.64	6.15	2.00	0.00	1.00	0.00	2.66	6.14	2.00	0.00	1.00	0.00
2.68	6.14	2.00	0.00	1.00	0.00	2.70	6.15	2.00	0.00	1.00	0.00
2.72	6.15	2.00	0.00	1.00	0.00	2.74	6.18	2.00	0.00	1.00	0.00
2.76	6.17	2.00	0.00	1.00	0.00	2.78	6.17	2.00	0.00	1.00	0.00
2.80	6.17	2.00	0.00	1.00	0.00	2.82	6.22	2.00	0.00	1.00	0.00
2.84	7.32	2.00	0.00	1.00	0.00	2.86	8.55	2.00	0.00	1.00	0.00
2.88	8.58	2.00	0.00	1.00	0.00	2.90	8.81	2.00	0.00	1.00	0.00
2.92	9.04	2.00	0.00	1.00	0.00	2.94	9.04	2.00	0.00	1.00	0.00
2.96	9.00	2.00	0.00	1.00	0.00	2.98	9.11	2.00	0.00	1.00	0.00
3.00	9.21	2.00	0.00	1.00	0.00	3.02	9.45	2.00	0.00	1.00	0.00
3.04	9.92	2.00	0.00	1.00	0.00	3.06	9.73	2.00	0.00	1.00	0.00
3.08	10.04	2.00	0.00	1.00	0.00	3.10	10.94	2.00	0.00	1.00	0.00
3.12	11.73	2.00	0.00	1.00	0.00	3.14	11.41	2.00	0.00	1.00	0.00
3.16	11.44	2.00	0.00	1.00	0.00	3.18	11.48	2.00	0.00	1.00	0.00
3.20	11.58	2.00	0.00	1.00	0.00	3.22	11.61	2.00	0.00	1.00	0.00
3.24	11.80	2.00	0.00	1.00	0.00	3.26	10.32	2.00	0.00	1.00	0.00
3.28	9.20	2.00	0.00	1.00	0.00	3.30	9.17	2.00	0.00	1.00	0.00
3.32	9.17	2.00	0.00	1.00	0.00	3.34	9.17	2.00	0.00	1.00	0.00
3.36	9.17	2.00	0.00	1.00	0.00	3.38	9.63	2.00	0.00	1.00	0.00
3.40	11.00	2.00	0.00	1.00	0.00	3.42	11.82	2.00	0.00	1.00	0.00
3.44	12.76	2.00	0.00	1.00	0.00	3.46	12.91	2.00	0.00	1.00	0.00
3.48	12.79	2.00	0.00	1.00	0.00	3.50	12.67	2.00	0.00	1.00	0.00
3.52	12.92	2.00	0.00	1.00	0.00	3.54	12.47	2.00	0.00	1.00	0.00
3.56	11.88	2.00	0.00	1.00	0.00	3.58	11.58	2.00	0.00	1.00	0.00
3.60	11.58	2.00	0.00	1.00	0.00	3.62	11.59	2.00	0.00	1.00	0.00
3.64	11.59	2.00	0.00	1.00	0.00	3.66	11.60	2.00	0.00	1.00	0.00
3.68	14.71	2.00	0.00	1.00	0.00	3.70	15.49	2.00	0.00	1.00	0.00
3.72	14.41	2.00	0.00	1.00	0.00	3.74	12.33	2.00	0.00	1.00	0.00
3.76	11.61	2.00	0.00	1.00	0.00	3.78	10.49	2.00	0.00	1.00	0.00
3.80	10.39	2.00	0.00	1.00	0.00	3.82	10.39	2.00	0.00	1.00	0.00
3.84	10.39	2.00	0.00	1.00	0.00	3.86	10.40	2.00	0.00	1.00	0.00
3.88	10.59	2.00	0.00	1.00	0.00	3.90	10.58	2.00	0.00	1.00	0.00
3.92	10.01	2.00	0.00	1.00	0.00	3.94	9.53	2.00	0.00	1.00	0.00
3.96	9.29	2.00	0.00	1.00	0.00	3.98	9.26	2.00	0.00	1.00	0.00
4.00	9.27	2.00	0.00	1.00	0.00	4.02	9.29	2.00	0.00	1.00	0.00
4.04	10.23	2.00	0.00	1.00	0.00	4.06	9.40	2.00	0.00	1.00	0.00
4.08	8.73	2.00	0.00	1.00	0.00	4.10	7.93	2.00	0.00	1.00	0.00
4.12	7.50	2.00	0.00	1.00	0.00	4.14	7.47	2.00	0.00	1.00	0.00
4.16	7.45	2.00	0.00	1.00	0.00	4.18	7.43	2.00	0.00	1.00	0.00
4.20	7.70	2.00	0.00	1.00	0.00	4.22	7.97	2.00	0.00	1.00	0.00
4.24	8.14	2.00	0.00	1.00	0.00	4.26	8.65	2.00	0.00	1.00	0.00
4.28	8.82	2.00	0.00	1.00	0.00	4.30	8.70	2.00	0.00	1.00	0.00
4.32	8.65	2.00	0.00	1.00	0.00	4.34	8.66	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
4.36	8.67	2.00	0.00	1.00	0.00	4.38	8.82	2.00	0.00	1.00	0.00
4.40	9.10	2.00	0.00	1.00	0.00	4.42	8.78	2.00	0.00	1.00	0.00
4.44	8.46	2.00	0.00	1.00	0.00	4.46	8.39	2.00	0.00	1.00	0.00
4.48	8.54	2.00	0.00	1.00	0.00	4.50	8.70	2.00	0.00	1.00	0.00
4.52	9.06	2.00	0.00	1.00	0.00	4.54	9.79	2.00	0.00	1.00	0.00
4.56	10.89	2.00	0.00	1.00	0.00	4.58	11.99	2.00	0.00	1.00	0.00
4.60	11.99	2.00	0.00	1.00	0.00	4.62	11.14	2.00	0.00	1.00	0.00
4.64	10.89	2.00	0.00	1.00	0.00	4.66	10.91	2.00	0.00	1.00	0.00
4.68	10.93	2.00	0.00	1.00	0.00	4.70	11.04	2.00	0.00	1.00	0.00
4.72	11.29	2.00	0.00	1.00	0.00	4.74	12.71	2.00	0.00	1.00	0.00
4.76	14.97	2.00	0.00	1.00	0.00	4.78	15.14	2.00	0.00	1.00	0.00
4.80	14.06	2.00	0.00	1.00	0.00	4.82	13.43	2.00	0.00	1.00	0.00
4.84	13.11	2.00	0.00	1.00	0.00	4.86	13.08	2.00	0.00	1.00	0.00
4.88	13.07	2.00	0.00	1.00	0.00	4.90	13.05	2.00	0.00	1.00	0.00
4.92	13.20	2.00	0.00	1.00	0.00	4.94	13.30	2.00	0.00	1.00	0.00
4.96	12.76	2.00	0.00	1.00	0.00	4.98	12.71	2.00	0.00	1.00	0.00
5.00	12.68	2.00	0.00	1.00	0.00	5.02	12.66	2.00	0.00	1.00	0.00
5.04	12.92	2.00	0.00	1.00	0.00	5.06	12.52	2.00	0.00	1.00	0.00
5.08	11.94	2.00	0.00	1.00	0.00	5.10	11.42	2.00	0.00	1.00	0.00
5.12	11.15	2.00	0.00	1.00	0.00	5.14	11.07	2.00	0.00	1.00	0.00
5.16	11.03	2.00	0.00	1.00	0.00	5.18	10.99	2.00	0.00	1.00	0.00
5.20	10.98	2.00	0.00	1.00	0.00	5.22	10.97	2.00	0.00	1.00	0.00
5.24	10.97	2.00	0.00	1.00	0.00	5.26	11.06	2.00	0.00	1.00	0.00
5.28	11.00	2.00	0.00	1.00	0.00	5.30	11.17	2.00	0.00	1.00	0.00
5.32	11.33	2.00	0.00	1.00	0.00	5.34	11.72	2.00	0.00	1.00	0.00
5.36	11.73	2.00	0.00	1.00	0.00	5.38	11.74	2.00	0.00	1.00	0.00
5.40	11.71	2.00	0.00	1.00	0.00	5.42	11.74	2.00	0.00	1.00	0.00
5.44	11.77	2.00	0.00	1.00	0.00	5.46	12.00	2.00	0.00	1.00	0.00
5.48	12.50	2.00	0.00	1.00	0.00	5.50	13.77	2.00	0.00	1.00	0.00
5.52	16.23	2.00	0.00	1.00	0.00	5.54	17.32	2.00	0.00	1.00	0.00
5.56	17.97	2.00	0.00	1.00	0.00	5.58	18.65	2.00	0.00	1.00	0.00
5.60	18.55	2.00	0.00	1.00	0.00	5.62	18.92	2.00	0.00	1.00	0.00
5.64	19.29	2.00	0.00	1.00	0.00	5.66	18.90	2.00	0.00	1.00	0.00
5.68	18.08	2.00	0.00	1.00	0.00	5.70	17.98	2.00	0.00	1.00	0.00
5.72	18.19	2.00	0.00	1.00	0.00	5.74	17.22	2.00	0.00	1.00	0.00
5.76	16.21	2.00	0.00	1.00	0.00	5.78	15.43	2.00	0.00	1.00	0.00
5.80	15.03	2.00	0.00	1.00	0.00	5.82	14.96	2.00	0.00	1.00	0.00
5.84	14.92	2.00	0.00	1.00	0.00	5.86	14.91	2.00	0.00	1.00	0.00
5.88	14.91	2.00	0.00	1.00	0.00	5.90	15.65	2.00	0.00	1.00	0.00
5.92	16.16	2.00	0.00	1.00	0.00	5.94	15.68	2.00	0.00	1.00	0.00
5.96	14.50	2.00	0.00	1.00	0.00	5.98	13.44	2.00	0.00	1.00	0.00
6.00	11.98	2.00	0.00	1.00	0.00	6.02	11.91	2.00	0.00	1.00	0.00
6.04	11.89	2.00	0.00	1.00	0.00	6.06	11.87	2.00	0.00	1.00	0.00
6.08	11.86	2.00	0.00	1.00	0.00	6.10	15.99	2.00	0.00	1.00	0.00
6.12	19.07	2.00	0.00	1.00	0.00	6.14	20.35	2.00	0.00	1.00	0.00
6.16	20.61	2.00	0.00	1.00	0.00	6.18	20.98	2.00	0.00	1.00	0.00
6.20	21.82	2.00	0.00	1.00	0.00	6.22	79.13	0.51	4.05	1.00	0.08
6.24	80.63	0.51	3.98	1.00	0.08	6.26	80.01	0.51	4.01	1.00	0.08

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
6.28	81.66	0.52	3.93	1.00	0.08	6.30	82.92	0.53	3.87	1.00	0.08
6.32	81.93	0.52	3.92	1.00	0.08	6.34	81.84	0.52	3.92	1.00	0.08
6.36	81.49	0.52	3.94	1.00	0.08	6.38	80.06	0.51	4.01	1.00	0.08
6.40	83.17	0.53	3.86	1.00	0.08	6.42	81.91	0.52	3.92	1.00	0.08
6.44	83.10	0.53	3.86	1.00	0.08	6.46	76.47	0.49	4.19	1.00	0.08
6.48	71.75	0.47	4.45	1.00	0.09	6.50	70.29	0.46	4.53	1.00	0.09
6.52	72.14	0.47	4.42	1.00	0.09	6.54	74.60	0.48	4.29	1.00	0.09
6.56	80.60	0.51	3.98	1.00	0.08	6.58	84.55	0.53	3.80	1.00	0.08
6.60	83.81	0.53	3.83	1.00	0.08	6.62	79.39	0.50	4.04	1.00	0.08
6.64	73.95	0.48	4.32	1.00	0.09	6.66	14.21	2.00	0.00	1.00	0.00
6.68	11.77	2.00	0.00	1.00	0.00	6.70	10.17	2.00	0.00	1.00	0.00
6.72	9.27	2.00	0.00	1.00	0.00	6.74	8.89	2.00	0.00	1.00	0.00
6.76	8.73	2.00	0.00	1.00	0.00	6.78	8.69	2.00	0.00	1.00	0.00
6.80	8.65	2.00	0.00	1.00	0.00	6.82	8.62	2.00	0.00	1.00	0.00
6.84	8.61	2.00	0.00	1.00	0.00	6.86	8.60	2.00	0.00	1.00	0.00
6.88	8.61	2.00	0.00	1.00	0.00	6.90	8.62	2.00	0.00	1.00	0.00
6.92	8.66	2.00	0.00	1.00	0.00	6.94	8.76	2.00	0.00	1.00	0.00
6.96	8.88	2.00	0.00	1.00	0.00	6.98	8.77	2.00	0.00	1.00	0.00
7.00	8.70	2.00	0.00	1.00	0.00	7.02	8.66	2.00	0.00	1.00	0.00
7.04	8.64	2.00	0.00	1.00	0.00	7.06	8.62	2.00	0.00	1.00	0.00
7.08	8.63	2.00	0.00	1.00	0.00	7.10	8.56	2.00	0.00	1.00	0.00
7.12	8.54	2.00	0.00	1.00	0.00	7.14	8.53	2.00	0.00	1.00	0.00
7.17	8.52	2.00	0.00	1.00	0.00	7.18	8.51	2.00	0.00	1.00	0.00
7.20	9.14	2.00	0.00	1.00	0.00	7.22	8.97	2.00	0.00	1.00	0.00
7.24	9.04	2.00	0.00	1.00	0.00	7.26	8.87	2.00	0.00	1.00	0.00
7.28	8.43	2.00	0.00	1.00	0.00	7.30	8.06	2.00	0.00	1.00	0.00
7.32	7.81	2.00	0.00	1.00	0.00	7.34	7.53	2.00	0.00	1.00	0.00
7.36	7.49	2.00	0.00	1.00	0.00	7.38	7.06	2.00	0.00	1.00	0.00
7.40	6.75	2.00	0.00	1.00	0.00	7.42	6.35	2.00	0.00	1.00	0.00
7.44	6.28	2.00	0.00	1.00	0.00	7.46	6.07	2.00	0.00	1.00	0.00
7.48	6.07	2.00	0.00	1.00	0.00	7.50	6.06	2.00	0.00	1.00	0.00
7.52	6.06	2.00	0.00	1.00	0.00	7.54	6.06	2.00	0.00	1.00	0.00
7.56	6.29	2.00	0.00	1.00	0.00	7.58	6.44	2.00	0.00	1.00	0.00
7.60	6.28	2.00	0.00	1.00	0.00	7.62	6.13	2.00	0.00	1.00	0.00
7.64	6.06	2.00	0.00	1.00	0.00	7.66	6.00	2.00	0.00	1.00	0.00
7.68	5.92	2.00	0.00	1.00	0.00	7.70	5.91	2.00	0.00	1.00	0.00
7.72	5.90	2.00	0.00	1.00	0.00	7.74	5.90	2.00	0.00	1.00	0.00
7.76	5.90	2.00	0.00	1.00	0.00	7.78	5.92	2.00	0.00	1.00	0.00
7.80	5.88	2.00	0.00	1.00	0.00	7.82	5.92	2.00	0.00	1.00	0.00
7.84	5.96	2.00	0.00	1.00	0.00	7.86	6.14	2.00	0.00	1.00	0.00
7.88	6.25	2.00	0.00	1.00	0.00	7.90	6.24	2.00	0.00	1.00	0.00
7.92	6.26	2.00	0.00	1.00	0.00	7.94	6.28	2.00	0.00	1.00	0.00
7.96	6.40	2.00	0.00	1.00	0.00	7.98	6.40	2.00	0.00	1.00	0.00
8.00	6.57	2.00	0.00	1.00	0.00	8.02	6.82	2.00	0.00	1.00	0.00
8.04	7.07	2.00	0.00	1.00	0.00	8.06	7.18	2.00	0.00	1.00	0.00
8.08	7.14	2.00	0.00	1.00	0.00	8.10	7.16	2.00	0.00	1.00	0.00
8.12	7.36	2.00	0.00	1.00	0.00	8.14	7.52	2.00	0.00	1.00	0.00
8.16	7.57	2.00	0.00	1.00	0.00	8.18	7.64	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
8.20	8.06	2.00	0.00	1.00	0.00	8.22	7.79	2.00	0.00	1.00	0.00
8.24	7.89	2.00	0.00	1.00	0.00	8.26	7.94	2.00	0.00	1.00	0.00
8.28	8.27	2.00	0.00	1.00	0.00	8.30	8.06	2.00	0.00	1.00	0.00
8.32	8.11	2.00	0.00	1.00	0.00	8.34	8.17	2.00	0.00	1.00	0.00
8.36	8.19	2.00	0.00	1.00	0.00	8.38	8.00	2.00	0.00	1.00	0.00
8.40	7.88	2.00	0.00	1.00	0.00	8.42	7.86	2.00	0.00	1.00	0.00
8.44	7.85	2.00	0.00	1.00	0.00	8.46	7.84	2.00	0.00	1.00	0.00
8.48	7.83	2.00	0.00	1.00	0.00	8.50	7.93	2.00	0.00	1.00	0.00
8.52	8.26	2.00	0.00	1.00	0.00	8.54	8.33	2.00	0.00	1.00	0.00
8.56	8.32	2.00	0.00	1.00	0.00	8.58	8.39	2.00	0.00	1.00	0.00
8.60	8.30	2.00	0.00	1.00	0.00	8.62	8.29	2.00	0.00	1.00	0.00
8.64	8.28	2.00	0.00	1.00	0.00	8.66	8.35	2.00	0.00	1.00	0.00
8.68	8.23	2.00	0.00	1.00	0.00	8.70	8.08	2.00	0.00	1.00	0.00
8.72	7.99	2.00	0.00	1.00	0.00	8.74	8.06	2.00	0.00	1.00	0.00
8.76	7.97	2.00	0.00	1.00	0.00	8.78	7.90	2.00	0.00	1.00	0.00
8.80	7.88	2.00	0.00	1.00	0.00	8.82	7.86	2.00	0.00	1.00	0.00
8.84	7.88	2.00	0.00	1.00	0.00	8.86	7.56	2.00	0.00	1.00	0.00
8.88	7.17	2.00	0.00	1.00	0.00	8.90	7.14	2.00	0.00	1.00	0.00
8.92	7.14	2.00	0.00	1.00	0.00	8.94	7.14	2.00	0.00	1.00	0.00
8.96	7.22	2.00	0.00	1.00	0.00	8.98	7.37	2.00	0.00	1.00	0.00
9.00	7.83	2.00	0.00	1.00	0.00	9.02	8.25	2.00	0.00	1.00	0.00
9.04	8.13	2.00	0.00	1.00	0.00	9.06	8.13	2.00	0.00	1.00	0.00
9.08	8.17	2.00	0.00	1.00	0.00	9.10	8.11	2.00	0.00	1.00	0.00
9.12	8.08	2.00	0.00	1.00	0.00	9.14	8.06	2.00	0.00	1.00	0.00
9.16	8.02	2.00	0.00	1.00	0.00	9.18	8.01	2.00	0.00	1.00	0.00
9.20	8.01	2.00	0.00	1.00	0.00	9.22	8.01	2.00	0.00	1.00	0.00
9.24	8.03	2.00	0.00	1.00	0.00	9.26	8.23	2.00	0.00	1.00	0.00
9.28	8.44	2.00	0.00	1.00	0.00	9.30	8.70	2.00	0.00	1.00	0.00
9.32	8.95	2.00	0.00	1.00	0.00	9.34	9.64	2.00	0.00	1.00	0.00
9.36	10.08	2.00	0.00	1.00	0.00	9.38	10.20	2.00	0.00	1.00	0.00
9.40	10.86	2.00	0.00	1.00	0.00	9.42	10.71	2.00	0.00	1.00	0.00
9.44	10.24	2.00	0.00	1.00	0.00	9.46	10.12	2.00	0.00	1.00	0.00
9.48	10.07	2.00	0.00	1.00	0.00	9.50	10.04	2.00	0.00	1.00	0.00
9.52	10.03	2.00	0.00	1.00	0.00	9.54	10.02	2.00	0.00	1.00	0.00
9.56	10.02	2.00	0.00	1.00	0.00	9.58	10.00	2.00	0.00	1.00	0.00
9.60	9.99	2.00	0.00	1.00	0.00	9.62	9.98	2.00	0.00	1.00	0.00
9.64	9.97	2.00	0.00	1.00	0.00	9.66	10.02	2.00	0.00	1.00	0.00
9.68	10.01	2.00	0.00	1.00	0.00	9.70	10.25	2.00	0.00	1.00	0.00
9.72	10.26	2.00	0.00	1.00	0.00	9.74	10.30	2.00	0.00	1.00	0.00
9.76	10.55	2.00	0.00	1.00	0.00	9.78	10.38	2.00	0.00	1.00	0.00
9.80	10.37	2.00	0.00	1.00	0.00	9.82	10.35	2.00	0.00	1.00	0.00
9.84	10.34	2.00	0.00	1.00	0.00	9.86	10.35	2.00	0.00	1.00	0.00
9.88	10.91	2.00	0.00	1.00	0.00	9.90	11.15	2.00	0.00	1.00	0.00
9.92	11.06	2.00	0.00	1.00	0.00	9.94	11.54	2.00	0.00	1.00	0.00
9.96	11.94	2.00	0.00	1.00	0.00	9.98	12.32	2.00	0.00	1.00	0.00
10.00	12.88	2.00	0.00	1.00	0.00	10.02	13.43	2.00	0.00	1.00	0.00
10.04	13.47	2.00	0.00	1.00	0.00	10.06	13.43	2.00	0.00	1.00	0.00
10.08	13.42	2.00	0.00	1.00	0.00	10.10	13.41	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
10.12	13.45	2.00	0.00	1.00	0.00	10.14	13.19	2.00	0.00	1.00	0.00
10.16	12.64	2.00	0.00	1.00	0.00	10.18	12.47	2.00	0.00	1.00	0.00
10.20	12.37	2.00	0.00	1.00	0.00	10.22	11.66	2.00	0.00	1.00	0.00
10.24	11.39	2.00	0.00	1.00	0.00	10.26	10.83	2.00	0.00	1.00	0.00
10.28	10.61	2.00	0.00	1.00	0.00	10.30	10.32	2.00	0.00	1.00	0.00
10.32	10.12	2.00	0.00	1.00	0.00	10.34	9.91	2.00	0.00	1.00	0.00
10.36	9.54	2.00	0.00	1.00	0.00	10.38	9.29	2.00	0.00	1.00	0.00
10.40	9.27	2.00	0.00	1.00	0.00	10.42	9.26	2.00	0.00	1.00	0.00
10.44	9.25	2.00	0.00	1.00	0.00	10.46	9.24	2.00	0.00	1.00	0.00
10.48	9.56	2.00	0.00	1.00	0.00	10.50	9.93	2.00	0.00	1.00	0.00
10.52	10.14	2.00	0.00	1.00	0.00	10.54	10.56	2.00	0.00	1.00	0.00
10.56	11.23	2.00	0.00	1.00	0.00	10.58	11.82	2.00	0.00	1.00	0.00
10.60	12.16	2.00	0.00	1.00	0.00	10.62	12.82	2.00	0.00	1.00	0.00
10.64	13.58	2.00	0.00	1.00	0.00	10.66	13.14	2.00	0.00	1.00	0.00
10.68	13.18	2.00	0.00	1.00	0.00	10.70	13.21	2.00	0.00	1.00	0.00
10.72	13.30	2.00	0.00	1.00	0.00	10.74	13.54	2.00	0.00	1.00	0.00
10.76	13.47	2.00	0.00	1.00	0.00	10.78	13.38	2.00	0.00	1.00	0.00
10.80	13.29	2.00	0.00	1.00	0.00	10.82	13.30	2.00	0.00	1.00	0.00
10.84	13.26	2.00	0.00	1.00	0.00	10.86	13.33	2.00	0.00	1.00	0.00
10.88	13.07	2.00	0.00	1.00	0.00	10.90	12.78	2.00	0.00	1.00	0.00
10.92	12.67	2.00	0.00	1.00	0.00	10.94	12.17	2.00	0.00	1.00	0.00
10.96	11.86	2.00	0.00	1.00	0.00	10.98	11.41	2.00	0.00	1.00	0.00
11.00	10.55	2.00	0.00	1.00	0.00	11.02	10.86	2.00	0.00	1.00	0.00
11.04	10.36	2.00	0.00	1.00	0.00	11.06	9.95	2.00	0.00	1.00	0.00
11.08	9.44	2.00	0.00	1.00	0.00	11.10	9.11	2.00	0.00	1.00	0.00
11.12	8.82	2.00	0.00	1.00	0.00	11.14	8.69	2.00	0.00	1.00	0.00
11.16	8.16	2.00	0.00	1.00	0.00	11.18	8.14	2.00	0.00	1.00	0.00
11.20	7.74	2.00	0.00	1.00	0.00	11.22	7.19	2.00	0.00	1.00	0.00
11.24	6.93	2.00	0.00	1.00	0.00	11.26	7.22	2.00	0.00	1.00	0.00
11.28	6.62	2.00	0.00	1.00	0.00	11.30	6.42	2.00	0.00	1.00	0.00
11.32	6.25	2.00	0.00	1.00	0.00	11.34	6.23	2.00	0.00	1.00	0.00
11.36	6.23	2.00	0.00	1.00	0.00	11.38	6.23	2.00	0.00	1.00	0.00
11.40	6.24	2.00	0.00	1.00	0.00	11.42	6.83	2.00	0.00	1.00	0.00
11.44	7.31	2.00	0.00	1.00	0.00	11.46	7.16	2.00	0.00	1.00	0.00
11.48	7.01	2.00	0.00	1.00	0.00	11.50	7.00	2.00	0.00	1.00	0.00
11.52	7.00	2.00	0.00	1.00	0.00	11.54	7.00	2.00	0.00	1.00	0.00
11.56	7.07	2.00	0.00	1.00	0.00	11.58	8.25	2.00	0.00	1.00	0.00
11.60	9.43	2.00	0.00	1.00	0.00	11.62	11.23	2.00	0.00	1.00	0.00
11.64	12.00	2.00	0.00	1.00	0.00	11.66	12.81	2.00	0.00	1.00	0.00
11.68	13.59	2.00	0.00	1.00	0.00	11.70	13.97	2.00	0.00	1.00	0.00
11.72	14.03	2.00	0.00	1.00	0.00	11.74	14.03	2.00	0.00	1.00	0.00
11.76	14.23	2.00	0.00	1.00	0.00	11.78	14.15	2.00	0.00	1.00	0.00
11.80	13.69	2.00	0.00	1.00	0.00	11.82	13.65	2.00	0.00	1.00	0.00
11.84	13.63	2.00	0.00	1.00	0.00	11.86	13.61	2.00	0.00	1.00	0.00
11.88	13.62	2.00	0.00	1.00	0.00	11.90	13.63	2.00	0.00	1.00	0.00
11.92	13.70	2.00	0.00	1.00	0.00	11.94	14.18	2.00	0.00	1.00	0.00
11.96	14.47	2.00	0.00	1.00	0.00	11.98	14.58	2.00	0.00	1.00	0.00
12.00	18.78	2.00	0.00	1.00	0.00	12.02	16.83	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
12.04	16.21	2.00	0.00	1.00	0.00	12.06	16.20	2.00	0.00	1.00	0.00
12.08	16.19	2.00	0.00	1.00	0.00	12.10	16.23	2.00	0.00	1.00	0.00
12.12	16.35	2.00	0.00	1.00	0.00	12.14	16.94	2.00	0.00	1.00	0.00
12.16	17.20	2.00	0.00	1.00	0.00	12.18	17.17	2.00	0.00	1.00	0.00
12.20	17.80	2.00	0.00	1.00	0.00	12.22	18.43	2.00	0.00	1.00	0.00
12.24	19.14	2.00	0.00	1.00	0.00	12.26	20.27	2.00	0.00	1.00	0.00
12.28	20.27	2.00	0.00	1.00	0.00	12.30	20.08	2.00	0.00	1.00	0.00
12.32	20.10	2.00	0.00	1.00	0.00	12.34	19.96	2.00	0.00	1.00	0.00
12.36	19.05	2.00	0.00	1.00	0.00	12.38	18.51	2.00	0.00	1.00	0.00
12.40	18.12	2.00	0.00	1.00	0.00	12.42	18.01	2.00	0.00	1.00	0.00
12.44	17.90	2.00	0.00	1.00	0.00	12.46	17.79	2.00	0.00	1.00	0.00
12.48	17.68	2.00	0.00	1.00	0.00	12.50	17.61	2.00	0.00	1.00	0.00
12.52	17.55	2.00	0.00	1.00	0.00	12.54	17.55	2.00	0.00	1.00	0.00
12.56	17.25	2.00	0.00	1.00	0.00	12.58	17.09	2.00	0.00	1.00	0.00
12.60	17.13	2.00	0.00	1.00	0.00	12.62	16.19	2.00	0.00	1.00	0.00
12.64	15.57	2.00	0.00	1.00	0.00	12.66	14.12	2.00	0.00	1.00	0.00
12.68	14.11	2.00	0.00	1.00	0.00	12.70	14.10	2.00	0.00	1.00	0.00
12.72	14.09	2.00	0.00	1.00	0.00	12.74	14.24	2.00	0.00	1.00	0.00
12.76	16.56	2.00	0.00	1.00	0.00	12.78	18.49	2.00	0.00	1.00	0.00
12.80	18.40	2.00	0.00	1.00	0.00	12.82	17.95	2.00	0.00	1.00	0.00
12.84	17.85	2.00	0.00	1.00	0.00	12.86	17.95	2.00	0.00	1.00	0.00
12.88	18.06	2.00	0.00	1.00	0.00	12.90	18.31	2.00	0.00	1.00	0.00
12.92	18.05	2.00	0.00	1.00	0.00	12.94	17.17	2.00	0.00	1.00	0.00
12.96	17.05	2.00	0.00	1.00	0.00	12.98	16.94	2.00	0.00	1.00	0.00
13.00	18.48	2.00	0.00	1.00	0.00	13.02	15.83	2.00	0.00	1.00	0.00
13.04	14.88	2.00	0.00	1.00	0.00	13.06	14.56	2.00	0.00	1.00	0.00
13.08	14.51	2.00	0.00	1.00	0.00	13.10	14.51	2.00	0.00	1.00	0.00
13.12	14.51	2.00	0.00	1.00	0.00	13.14	14.62	2.00	0.00	1.00	0.00
13.16	17.04	2.00	0.00	1.00	0.00	13.18	17.09	2.00	0.00	1.00	0.00
13.20	13.83	2.00	0.00	1.00	0.00	13.22	11.34	2.00	0.00	1.00	0.00
13.24	10.97	2.00	0.00	1.00	0.00	13.26	10.93	2.00	0.00	1.00	0.00
13.28	10.94	2.00	0.00	1.00	0.00	13.30	10.96	2.00	0.00	1.00	0.00
13.32	11.12	2.00	0.00	1.00	0.00	13.34	11.44	2.00	0.00	1.00	0.00
13.36	11.01	2.00	0.00	1.00	0.00	13.38	10.87	2.00	0.00	1.00	0.00
13.40	10.79	2.00	0.00	1.00	0.00	13.42	10.79	2.00	0.00	1.00	0.00
13.44	10.78	2.00	0.00	1.00	0.00	13.46	10.79	2.00	0.00	1.00	0.00
13.48	10.95	2.00	0.00	1.00	0.00	13.50	10.99	2.00	0.00	1.00	0.00
13.52	10.97	2.00	0.00	1.00	0.00	13.54	10.98	2.00	0.00	1.00	0.00
13.56	11.44	2.00	0.00	1.00	0.00	13.58	11.68	2.00	0.00	1.00	0.00
13.60	11.60	2.00	0.00	1.00	0.00	13.62	11.64	2.00	0.00	1.00	0.00
13.64	11.68	2.00	0.00	1.00	0.00	13.66	11.72	2.00	0.00	1.00	0.00
13.68	12.02	2.00	0.00	1.00	0.00	13.70	12.02	2.00	0.00	1.00	0.00
13.72	12.32	2.00	0.00	1.00	0.00	13.74	13.26	2.00	0.00	1.00	0.00
13.76	13.85	2.00	0.00	1.00	0.00	13.78	14.43	2.00	0.00	1.00	0.00
13.80	15.24	2.00	0.00	1.00	0.00	13.82	16.13	2.00	0.00	1.00	0.00
13.84	17.37	2.00	0.00	1.00	0.00	13.86	18.06	2.00	0.00	1.00	0.00
13.88	17.80	2.00	0.00	1.00	0.00	13.90	17.78	2.00	0.00	1.00	0.00
13.92	17.77	2.00	0.00	1.00	0.00	13.94	17.75	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
13.96	17.74	2.00	0.00	1.00	0.00	13.98	17.87	2.00	0.00	1.00	0.00
14.00	18.16	2.00	0.00	1.00	0.00	14.02	18.07	2.00	0.00	1.00	0.00
14.04	17.86	2.00	0.00	1.00	0.00	14.06	17.31	2.00	0.00	1.00	0.00
14.08	17.11	2.00	0.00	1.00	0.00	14.10	15.98	2.00	0.00	1.00	0.00
14.12	15.08	2.00	0.00	1.00	0.00	14.14	14.60	2.00	0.00	1.00	0.00
14.16	14.14	2.00	0.00	1.00	0.00	14.18	13.51	2.00	0.00	1.00	0.00
14.20	13.18	2.00	0.00	1.00	0.00	14.22	12.25	2.00	0.00	1.00	0.00
14.24	11.64	2.00	0.00	1.00	0.00	14.26	11.28	2.00	0.00	1.00	0.00
14.28	11.09	2.00	0.00	1.00	0.00	14.30	10.64	2.00	0.00	1.00	0.00
14.32	10.11	2.00	0.00	1.00	0.00	14.34	10.08	2.00	0.00	1.00	0.00
14.36	10.05	2.00	0.00	1.00	0.00	14.38	10.04	2.00	0.00	1.00	0.00
14.40	10.02	2.00	0.00	1.00	0.00	14.42	10.02	2.00	0.00	1.00	0.00
14.44	10.02	2.00	0.00	1.00	0.00	14.46	10.02	2.00	0.00	1.00	0.00
14.48	10.05	2.00	0.00	1.00	0.00	14.50	10.10	2.00	0.00	1.00	0.00
14.52	10.09	2.00	0.00	1.00	0.00	14.54	10.15	2.00	0.00	1.00	0.00
14.56	10.21	2.00	0.00	1.00	0.00	14.58	10.76	2.00	0.00	1.00	0.00
14.60	10.98	2.00	0.00	1.00	0.00	14.62	10.91	2.00	0.00	1.00	0.00
14.64	11.27	2.00	0.00	1.00	0.00	14.66	11.62	2.00	0.00	1.00	0.00
14.68	11.78	2.00	0.00	1.00	0.00	14.70	12.31	2.00	0.00	1.00	0.00
14.72	12.90	2.00	0.00	1.00	0.00	14.74	13.20	2.00	0.00	1.00	0.00
14.76	13.62	2.00	0.00	1.00	0.00	14.78	13.67	2.00	0.00	1.00	0.00
14.80	13.32	2.00	0.00	1.00	0.00	14.82	12.74	2.00	0.00	1.00	0.00
14.84	11.94	2.00	0.00	1.00	0.00	14.86	11.21	2.00	0.00	1.00	0.00
14.88	10.86	2.00	0.00	1.00	0.00	14.90	10.68	2.00	0.00	1.00	0.00
14.92	10.31	2.00	0.00	1.00	0.00	14.94	10.06	2.00	0.00	1.00	0.00
14.96	10.01	2.00	0.00	1.00	0.00	14.98	9.99	2.00	0.00	1.00	0.00
15.00	9.96	2.00	0.00	1.00	0.00	15.02	9.96	2.00	0.00	1.00	0.00
15.04	9.93	2.00	0.00	1.00	0.00	15.06	10.07	2.00	0.00	1.00	0.00
15.08	9.87	2.00	0.00	1.00	0.00	15.10	9.75	2.00	0.00	1.00	0.00
15.12	9.72	2.00	0.00	1.00	0.00	15.14	9.71	2.00	0.00	1.00	0.00
15.16	9.73	2.00	0.00	1.00	0.00	15.18	9.75	2.00	0.00	1.00	0.00
15.20	9.87	2.00	0.00	1.00	0.00	15.22	9.79	2.00	0.00	1.00	0.00
15.24	10.07	2.00	0.00	1.00	0.00	15.26	10.14	2.00	0.00	1.00	0.00
15.28	10.22	2.00	0.00	1.00	0.00	15.30	10.24	2.00	0.00	1.00	0.00
15.32	10.26	2.00	0.00	1.00	0.00	15.34	10.91	2.00	0.00	1.00	0.00
15.36	11.07	2.00	0.00	1.00	0.00	15.38	11.24	2.00	0.00	1.00	0.00
15.40	11.04	2.00	0.00	1.00	0.00	15.42	10.78	2.00	0.00	1.00	0.00
15.44	10.36	2.00	0.00	1.00	0.00	15.46	10.12	2.00	0.00	1.00	0.00
15.48	9.28	2.00	0.00	1.00	0.00	15.50	8.72	2.00	0.00	1.00	0.00
15.52	8.42	2.00	0.00	1.00	0.00	15.54	8.24	2.00	0.00	1.00	0.00
15.56	8.15	2.00	0.00	1.00	0.00	15.58	8.11	2.00	0.00	1.00	0.00
15.60	8.09	2.00	0.00	1.00	0.00	15.62	8.12	2.00	0.00	1.00	0.00
15.64	8.14	2.00	0.00	1.00	0.00	15.66	8.31	2.00	0.00	1.00	0.00
15.68	8.65	2.00	0.00	1.00	0.00	15.70	9.05	2.00	0.00	1.00	0.00
15.72	9.67	2.00	0.00	1.00	0.00	15.74	10.26	2.00	0.00	1.00	0.00
15.76	10.69	2.00	0.00	1.00	0.00	15.78	10.69	2.00	0.00	1.00	0.00
15.80	11.00	2.00	0.00	1.00	0.00	15.82	10.90	2.00	0.00	1.00	0.00
15.84	10.55	2.00	0.00	1.00	0.00	15.86	10.38	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
15.88	10.36	2.00	0.00	1.00	0.00	15.90	10.35	2.00	0.00	1.00	0.00
15.92	10.62	2.00	0.00	1.00	0.00	15.94	10.90	2.00	0.00	1.00	0.00
15.96	11.45	2.00	0.00	1.00	0.00	15.98	12.57	2.00	0.00	1.00	0.00
16.00	12.73	2.00	0.00	1.00	0.00	16.02	12.13	2.00	0.00	1.00	0.00
16.04	12.11	2.00	0.00	1.00	0.00	16.06	12.10	2.00	0.00	1.00	0.00
16.08	12.10	2.00	0.00	1.00	0.00	16.10	12.18	2.00	0.00	1.00	0.00
16.12	12.35	2.00	0.00	1.00	0.00	16.14	12.30	2.00	0.00	1.00	0.00
16.16	12.54	2.00	0.00	1.00	0.00	16.18	12.77	2.00	0.00	1.00	0.00
16.20	12.96	2.00	0.00	1.00	0.00	16.22	12.79	2.00	0.00	1.00	0.00
16.24	12.15	2.00	0.00	1.00	0.00	16.26	11.38	2.00	0.00	1.00	0.00
16.28	11.42	2.00	0.00	1.00	0.00	16.30	11.46	2.00	0.00	1.00	0.00
16.32	11.61	2.00	0.00	1.00	0.00	16.34	11.92	2.00	0.00	1.00	0.00
16.36	12.58	2.00	0.00	1.00	0.00	16.38	13.13	2.00	0.00	1.00	0.00
16.40	13.34	2.00	0.00	1.00	0.00	16.42	13.49	2.00	0.00	1.00	0.00
16.44	14.35	2.00	0.00	1.00	0.00	16.46	14.91	2.00	0.00	1.00	0.00
16.48	14.84	2.00	0.00	1.00	0.00	16.50	14.81	2.00	0.00	1.00	0.00
16.52	14.91	2.00	0.00	1.00	0.00	16.54	15.01	2.00	0.00	1.00	0.00
16.56	15.22	2.00	0.00	1.00	0.00	16.58	16.11	2.00	0.00	1.00	0.00
16.60	18.43	2.00	0.00	1.00	0.00	16.62	21.03	2.00	0.00	1.00	0.00
16.64	82.61	0.58	3.89	1.00	0.08	16.66	86.38	0.61	3.72	1.00	0.07
16.68	86.89	0.61	3.70	1.00	0.07	16.70	85.03	0.60	3.78	1.00	0.08
16.72	23.81	2.00	0.00	1.00	0.00	16.74	20.12	2.00	0.00	1.00	0.00
16.76	17.48	2.00	0.00	1.00	0.00	16.78	14.78	2.00	0.00	1.00	0.00
16.80	14.55	2.00	0.00	1.00	0.00	16.82	13.98	2.00	0.00	1.00	0.00
16.84	13.61	2.00	0.00	1.00	0.00	16.86	13.10	2.00	0.00	1.00	0.00
16.88	12.15	2.00	0.00	1.00	0.00	16.90	12.18	2.00	0.00	1.00	0.00
16.92	12.20	2.00	0.00	1.00	0.00	16.94	12.30	2.00	0.00	1.00	0.00
16.96	12.52	2.00	0.00	1.00	0.00	16.98	13.51	2.00	0.00	1.00	0.00
17.00	13.11	2.00	0.00	1.00	0.00	17.02	13.21	2.00	0.00	1.00	0.00
17.04	13.31	2.00	0.00	1.00	0.00	17.06	13.69	2.00	0.00	1.00	0.00
17.08	13.70	2.00	0.00	1.00	0.00	17.10	13.78	2.00	0.00	1.00	0.00
17.12	13.87	2.00	0.00	1.00	0.00	17.14	14.07	2.00	0.00	1.00	0.00
17.16	14.49	2.00	0.00	1.00	0.00	17.18	14.93	2.00	0.00	1.00	0.00
17.20	14.55	2.00	0.00	1.00	0.00	17.22	13.90	2.00	0.00	1.00	0.00
17.24	13.53	2.00	0.00	1.00	0.00	17.26	12.52	2.00	0.00	1.00	0.00
17.28	12.00	2.00	0.00	1.00	0.00	17.30	11.26	2.00	0.00	1.00	0.00
17.32	10.41	2.00	0.00	1.00	0.00	17.34	10.37	2.00	0.00	1.00	0.00
17.36	10.36	2.00	0.00	1.00	0.00	17.38	10.35	2.00	0.00	1.00	0.00
17.40	10.34	2.00	0.00	1.00	0.00	17.42	10.36	2.00	0.00	1.00	0.00
17.44	10.58	2.00	0.00	1.00	0.00	17.46	10.51	2.00	0.00	1.00	0.00
17.48	10.62	2.00	0.00	1.00	0.00	17.50	10.16	2.00	0.00	1.00	0.00
17.52	9.61	2.00	0.00	1.00	0.00	17.54	9.21	2.00	0.00	1.00	0.00
17.56	8.93	2.00	0.00	1.00	0.00	17.58	8.50	2.00	0.00	1.00	0.00
17.60	8.40	2.00	0.00	1.00	0.00	17.62	8.37	2.00	0.00	1.00	0.00
17.64	8.36	2.00	0.00	1.00	0.00	17.66	8.36	2.00	0.00	1.00	0.00
17.68	8.36	2.00	0.00	1.00	0.00	17.70	8.37	2.00	0.00	1.00	0.00
17.72	8.37	2.00	0.00	1.00	0.00	17.74	8.35	2.00	0.00	1.00	0.00
17.76	8.36	2.00	0.00	1.00	0.00	17.78	8.01	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
17.80	7.82	2.00	0.00	1.00	0.00	17.82	7.57	2.00	0.00	1.00	0.00
17.84	7.54	2.00	0.00	1.00	0.00	17.86	7.53	2.00	0.00	1.00	0.00
17.88	7.52	2.00	0.00	1.00	0.00	17.90	7.52	2.00	0.00	1.00	0.00
17.92	7.65	2.00	0.00	1.00	0.00	17.94	7.70	2.00	0.00	1.00	0.00
17.96	7.66	2.00	0.00	1.00	0.00	17.98	7.68	2.00	0.00	1.00	0.00
18.00	7.95	2.00	0.00	1.00	0.00	18.02	8.15	2.00	0.00	1.00	0.00
18.04	8.60	2.00	0.00	1.00	0.00	18.06	8.92	2.00	0.00	1.00	0.00
18.08	8.97	2.00	0.00	1.00	0.00	18.10	8.98	2.00	0.00	1.00	0.00
18.12	8.61	2.00	0.00	1.00	0.00	18.14	8.50	2.00	0.00	1.00	0.00
18.16	8.49	2.00	0.00	1.00	0.00	18.18	8.49	2.00	0.00	1.00	0.00
18.20	8.50	2.00	0.00	1.00	0.00	18.22	8.58	2.00	0.00	1.00	0.00
18.24	9.14	2.00	0.00	1.00	0.00	18.26	9.29	2.00	0.00	1.00	0.00
18.28	9.15	2.00	0.00	1.00	0.00	18.30	8.91	2.00	0.00	1.00	0.00
18.32	8.89	2.00	0.00	1.00	0.00	18.34	8.87	2.00	0.00	1.00	0.00
18.36	8.87	2.00	0.00	1.00	0.00	18.38	8.87	2.00	0.00	1.00	0.00
18.40	8.90	2.00	0.00	1.00	0.00	18.42	9.02	2.00	0.00	1.00	0.00
18.44	9.30	2.00	0.00	1.00	0.00	18.46	9.27	2.00	0.00	1.00	0.00
18.48	9.13	2.00	0.00	1.00	0.00	18.50	9.04	2.00	0.00	1.00	0.00
18.52	8.99	2.00	0.00	1.00	0.00	18.54	8.96	2.00	0.00	1.00	0.00
18.56	8.96	2.00	0.00	1.00	0.00	18.58	9.09	2.00	0.00	1.00	0.00
18.60	9.22	2.00	0.00	1.00	0.00	18.62	10.07	2.00	0.00	1.00	0.00
18.64	11.06	2.00	0.00	1.00	0.00	18.66	13.10	2.00	0.00	1.00	0.00
18.68	14.79	2.00	0.00	1.00	0.00	18.70	14.94	2.00	0.00	1.00	0.00
18.72	15.22	2.00	0.00	1.00	0.00	18.74	15.15	2.00	0.00	1.00	0.00
18.76	15.45	2.00	0.00	1.00	0.00	18.78	15.74	2.00	0.00	1.00	0.00
18.80	16.01	2.00	0.00	1.00	0.00	18.82	15.23	2.00	0.00	1.00	0.00
18.84	13.97	2.00	0.00	1.00	0.00	18.86	12.81	2.00	0.00	1.00	0.00
18.88	12.56	2.00	0.00	1.00	0.00	18.90	12.43	2.00	0.00	1.00	0.00
18.92	12.31	2.00	0.00	1.00	0.00	18.94	12.37	2.00	0.00	1.00	0.00
18.96	12.11	2.00	0.00	1.00	0.00	18.98	11.94	2.00	0.00	1.00	0.00
19.00	10.41	2.00	0.00	1.00	0.00	19.02	8.87	2.00	0.00	1.00	0.00
19.04	8.41	2.00	0.00	1.00	0.00	19.06	8.18	2.00	0.00	1.00	0.00
19.08	7.95	2.00	0.00	1.00	0.00	19.10	7.98	2.00	0.00	1.00	0.00
19.12	7.78	2.00	0.00	1.00	0.00	19.14	7.57	2.00	0.00	1.00	0.00
19.16	7.46	2.00	0.00	1.00	0.00	19.18	7.40	2.00	0.00	1.00	0.00
19.20	7.39	2.00	0.00	1.00	0.00	19.22	7.38	2.00	0.00	1.00	0.00
19.24	7.38	2.00	0.00	1.00	0.00	19.26	7.49	2.00	0.00	1.00	0.00
19.28	7.52	2.00	0.00	1.00	0.00	19.30	7.55	2.00	0.00	1.00	0.00
19.32	7.71	2.00	0.00	1.00	0.00	19.34	7.71	2.00	0.00	1.00	0.00
19.36	8.04	2.00	0.00	1.00	0.00	19.38	8.07	2.00	0.00	1.00	0.00
19.40	8.30	2.00	0.00	1.00	0.00	19.42	8.48	2.00	0.00	1.00	0.00
19.44	8.63	2.00	0.00	1.00	0.00	19.46	8.61	2.00	0.00	1.00	0.00
19.48	8.64	2.00	0.00	1.00	0.00	19.50	8.67	2.00	0.00	1.00	0.00
19.52	8.74	2.00	0.00	1.00	0.00	19.54	8.82	2.00	0.00	1.00	0.00
19.56	8.80	2.00	0.00	1.00	0.00	19.58	8.99	2.00	0.00	1.00	0.00
19.60	9.24	2.00	0.00	1.00	0.00	19.62	9.38	2.00	0.00	1.00	0.00
19.64	10.05	2.00	0.00	1.00	0.00	19.66	10.72	2.00	0.00	1.00	0.00
19.68	10.93	2.00	0.00	1.00	0.00	19.70	11.05	2.00	0.00	1.00	0.00

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

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
19.72	11.05	2.00	0.00	1.00	0.00	19.74	11.19	2.00	0.00	1.00	0.00
19.76	11.00	2.00	0.00	1.00	0.00	19.78	10.95	2.00	0.00	1.00	0.00
19.80	10.87	2.00	0.00	1.00	0.00	19.82	10.62	2.00	0.00	1.00	0.00
19.84	10.28	2.00	0.00	1.00	0.00	19.86	10.07	2.00	0.00	1.00	0.00
19.88	9.99	2.00	0.00	1.00	0.00	19.90	9.91	2.00	0.00	1.00	0.00
19.92	9.86	2.00	0.00	1.00	0.00	19.94	9.87	2.00	0.00	1.00	0.00
19.96	9.87	2.00	0.00	1.00	0.00	19.98	9.90	2.00	0.00	1.00	0.00
20.00	10.02	2.00	0.00	1.00	0.00	20.02	10.76	2.00	0.00	1.00	0.00
20.04	11.59	2.00	0.00	1.00	0.00	20.06	12.18	2.00	0.00	1.00	0.00
20.08	11.06	2.00	0.00	1.00	0.00	20.10	10.15	2.00	0.00	1.00	0.00
20.12	9.85	2.00	0.00	1.00	0.00	20.14	10.03	2.00	0.00	1.00	0.00

Total estimated settlement: 4.02**Abbreviations**

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

LIQUEFACTION ANALYSIS REPORT

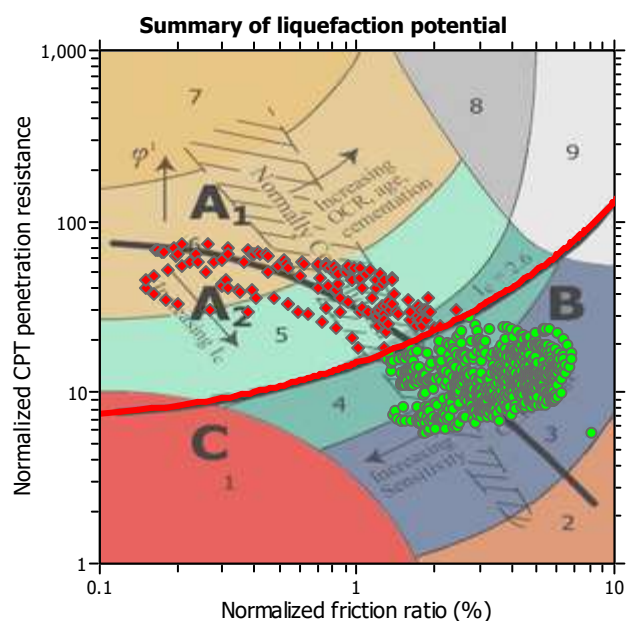
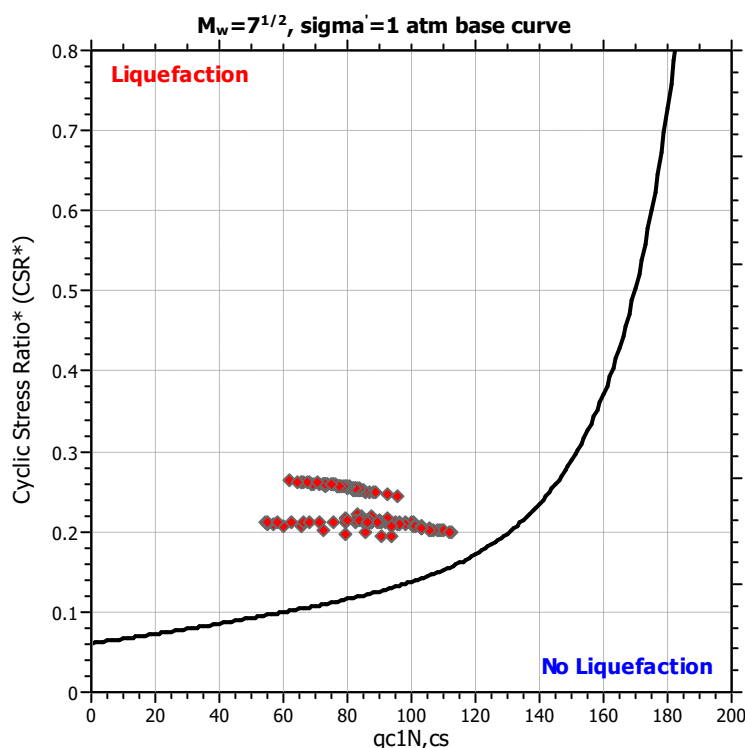
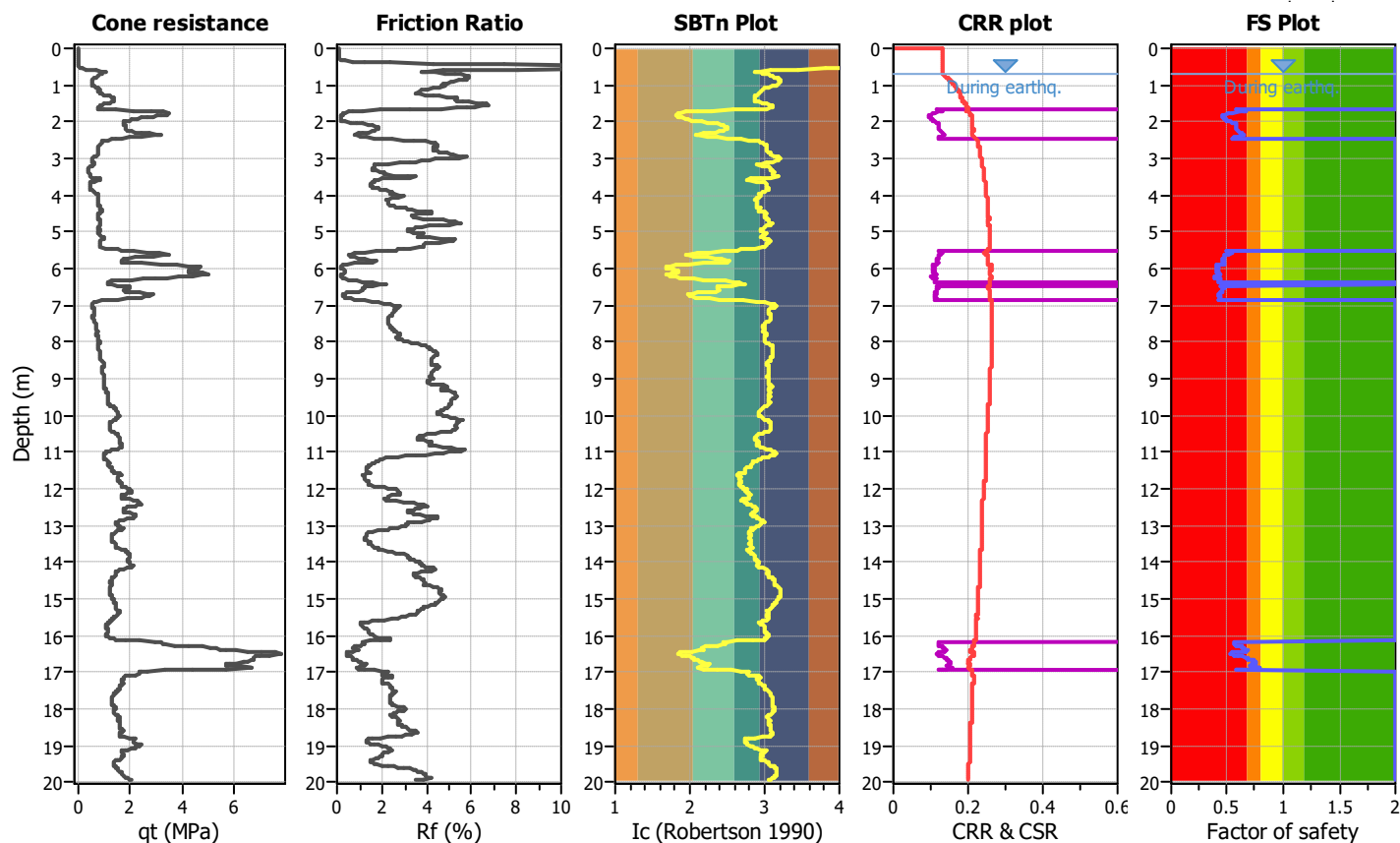
Project title :

Location :

CPT file : Campagnola_Cptu2

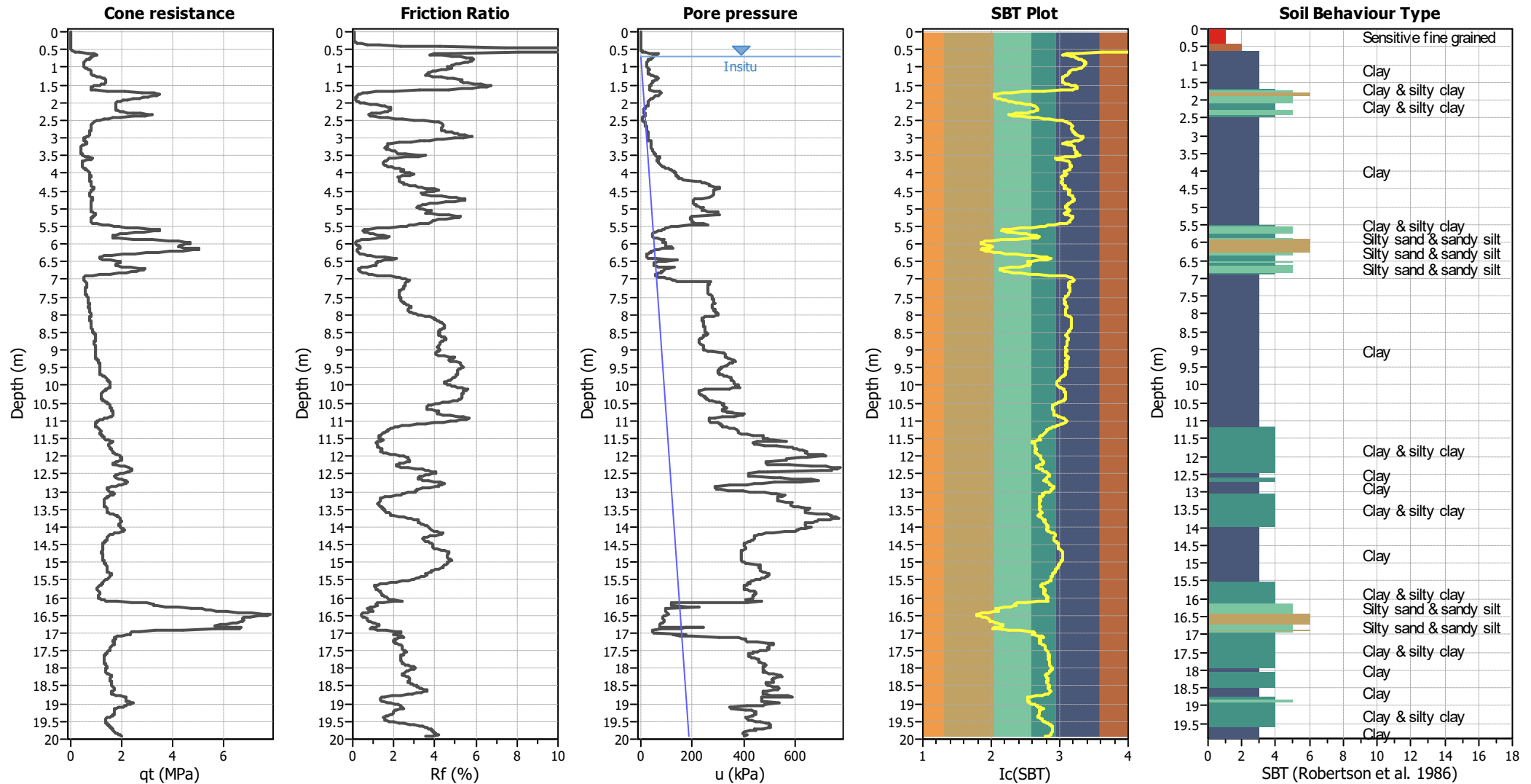
Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	0.70 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	0.70 m	Fill height:	N/A	Limit depth applied:	Yes
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	20.00 m
Earthquake magnitude M_w :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method
Peak ground acceleration:	0.20	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



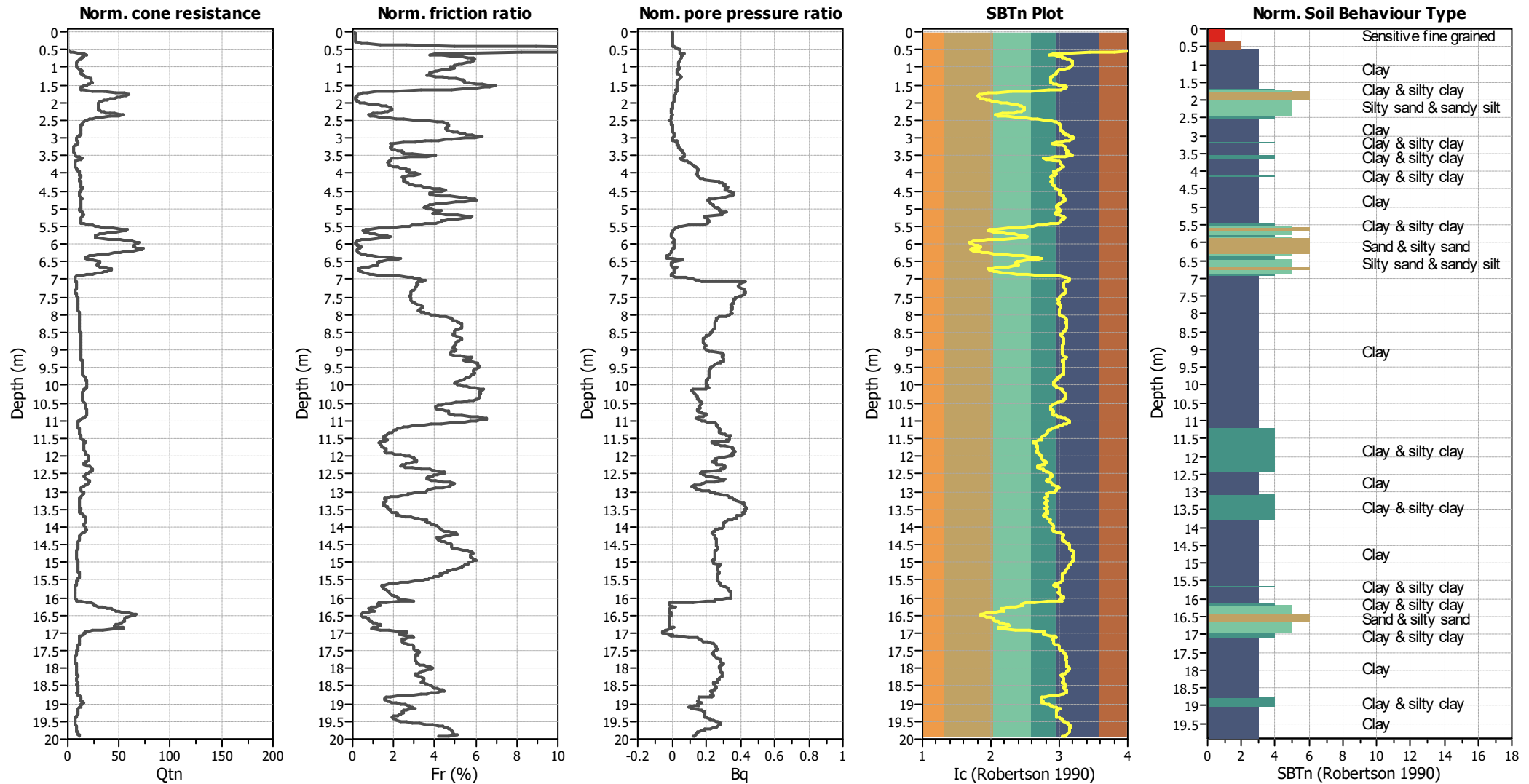
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	0.70 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _g applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	0.70 m	Fill height:	N/A	Limit depth:	20.00 m

SBT legend

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

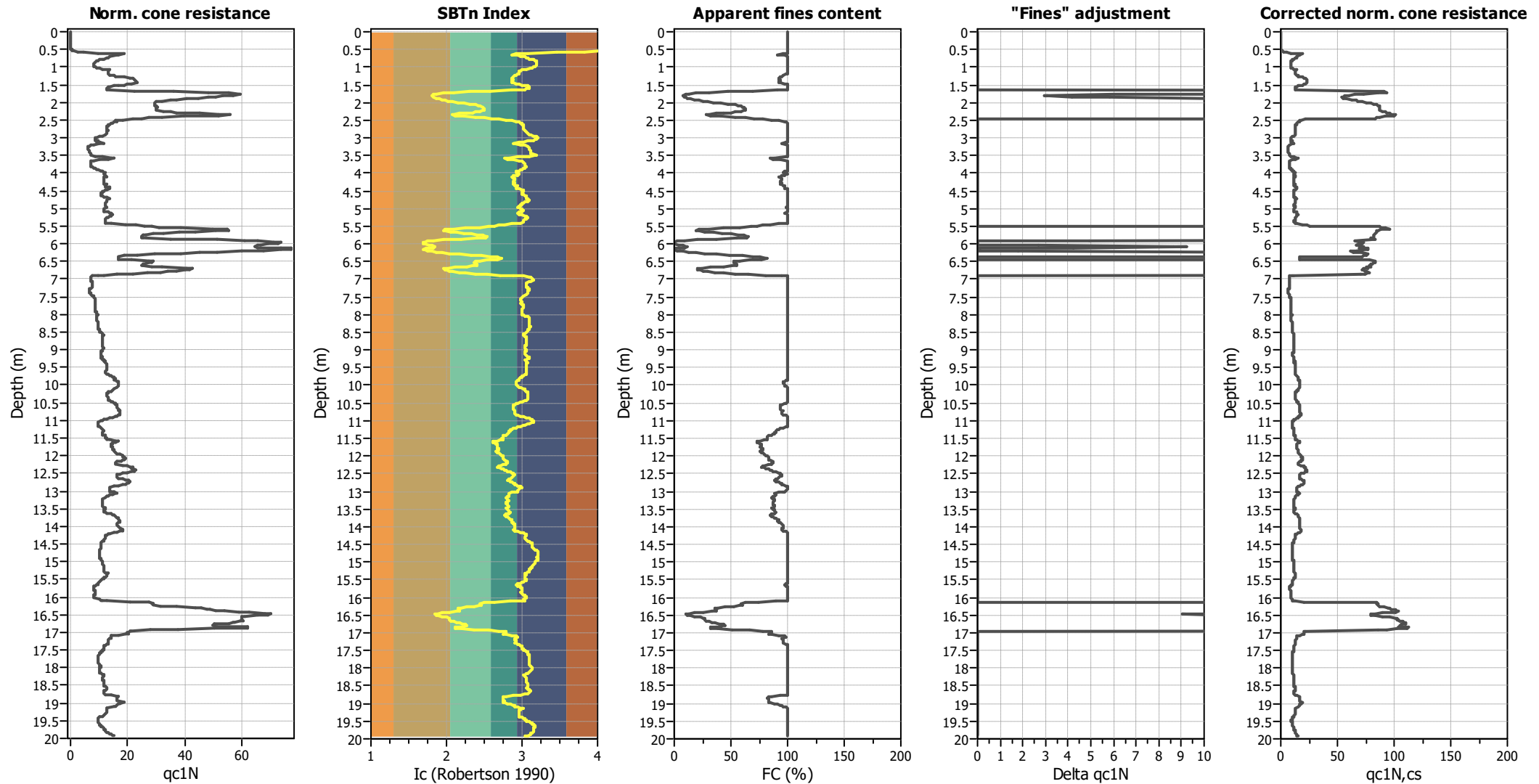
CPT basic interpretation plots (normalized)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	0.70 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K ₀ applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	0.70 m	Fill height:	N/A	Limit depth:	20.00 m

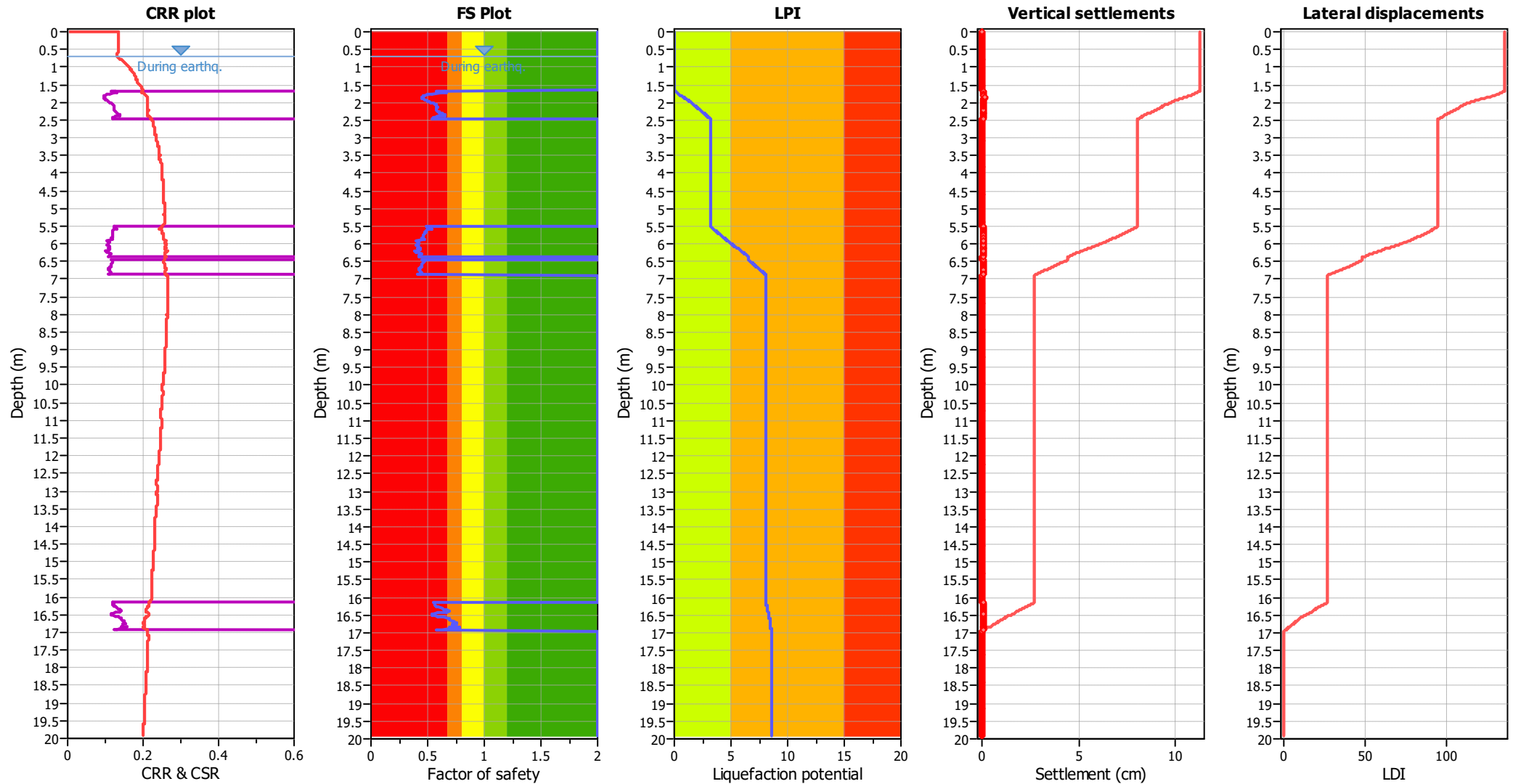
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	0.70 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_f applied:	Yes
Earthquake magnitude M_w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	0.70 m	Fill height:	N/A	Limit depth:	20.00 m

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (earthq.):	0.70 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_s applied:	Yes
Earthquake magnitude M_w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	0.70 m	Fill height:	N/A	Limit depth:	20.00 m

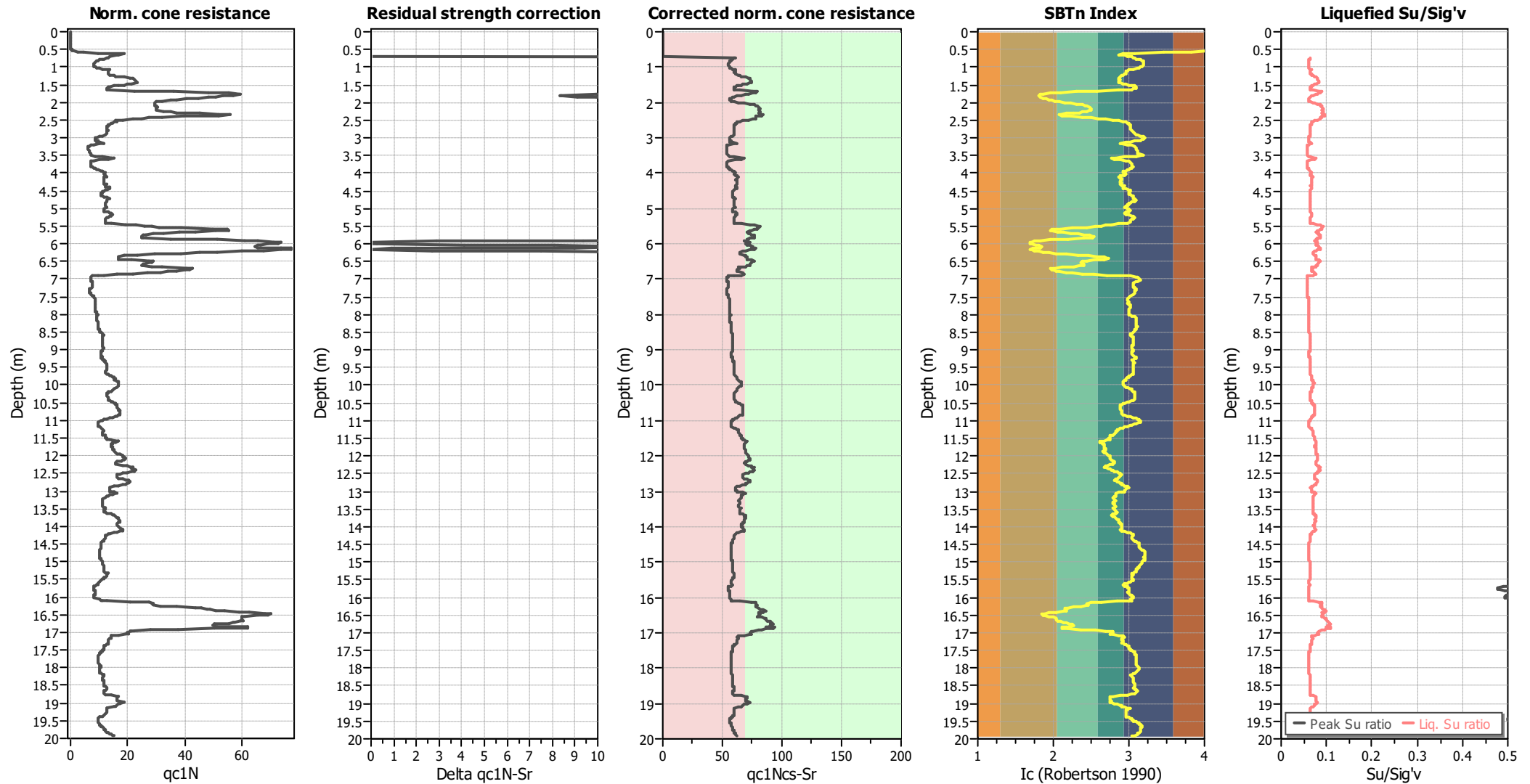
F.S. color scheme

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

LPI color scheme

■	Very high risk
■	High risk
■	Low risk

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



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	0.70 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _σ applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	0.70 m	Fill height:	N/A	Limit depth:	20.00 m

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data ::												
Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
2	0.02	0.27	0.00	0.27	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
3	0.04	0.55	0.00	0.55	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
4	0.06	0.82	0.00	0.82	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
5	0.08	1.10	0.00	1.10	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
6	0.10	1.37	0.00	1.37	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
7	0.12	1.65	0.00	1.65	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
8	0.14	1.92	0.00	1.92	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
9	0.16	2.20	0.00	2.20	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
10	0.18	2.47	0.00	2.47	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
11	0.20	2.75	0.00	2.75	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
12	0.22	3.02	0.00	3.02	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
13	0.24	3.30	0.00	3.30	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
14	0.26	3.57	0.00	3.57	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
15	0.28	3.85	0.00	3.85	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
16	0.30	4.12	0.00	4.12	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
17	0.32	4.39	0.00	4.39	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
18	0.34	4.67	0.00	4.67	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
19	0.36	4.94	0.00	4.94	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
20	0.38	5.22	0.00	5.22	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
21	0.40	5.49	0.00	5.49	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
22	0.42	5.77	0.00	5.77	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
23	0.44	6.04	0.00	6.04	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
24	0.46	6.32	0.00	6.32	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
25	0.48	6.59	0.00	6.59	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
26	0.50	6.87	0.00	6.87	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
27	0.52	7.17	0.00	7.17	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
28	0.54	7.48	0.00	7.48	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
29	0.56	7.79	0.00	7.79	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
30	0.58	8.12	0.00	8.12	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
31	0.60	8.46	0.00	8.46	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
32	0.62	8.80	0.00	8.80	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
33	0.64	9.15	0.00	9.15	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
34	0.66	9.49	0.00	9.49	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
35	0.68	9.84	0.00	9.84	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
36	0.70	10.18	0.00	10.18	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
37	0.72	10.53	0.20	10.33	1.00	0.132	1.43	0.093	1.10	1.20	0.133	No
38	0.74	10.87	0.39	10.48	1.00	0.135	1.43	0.094	1.10	1.20	0.136	No
39	0.76	11.22	0.59	10.63	1.00	0.137	1.43	0.096	1.10	1.20	0.138	No
40	0.78	11.56	0.78	10.77	1.00	0.139	1.43	0.097	1.10	1.20	0.141	No
41	0.80	11.90	0.98	10.92	1.00	0.141	1.43	0.099	1.10	1.20	0.143	No
42	0.82	12.23	1.18	11.06	1.00	0.143	1.43	0.100	1.10	1.20	0.145	No
43	0.84	12.57	1.37	11.20	1.00	0.145	1.43	0.102	1.10	1.20	0.148	No
44	0.86	12.90	1.57	11.34	1.00	0.147	1.43	0.103	1.10	1.20	0.150	No
45	0.88	13.24	1.77	11.47	1.00	0.149	1.43	0.105	1.10	1.20	0.152	No
46	0.90	13.57	1.96	11.61	1.00	0.151	1.43	0.106	1.10	1.20	0.154	No
47	0.92	13.90	2.16	11.74	1.00	0.153	1.43	0.107	1.10	1.20	0.156	No
48	0.94	14.23	2.35	11.87	1.00	0.155	1.43	0.109	1.10	1.20	0.158	No
49	0.96	14.55	2.55	12.00	1.00	0.157	1.43	0.110	1.10	1.20	0.159	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
50	0.98	14.88	2.75	12.14	0.99	0.159	1.43	0.111	1.10	1.20	0.161	No
51	1.00	15.21	2.94	12.27	0.99	0.160	1.43	0.112	1.10	1.20	0.163	No
52	1.02	15.54	3.14	12.40	0.99	0.162	1.43	0.113	1.10	1.20	0.164	No
53	1.04	15.88	3.34	12.54	0.99	0.164	1.43	0.114	1.10	1.20	0.166	No
54	1.06	16.21	3.53	12.68	0.99	0.165	1.43	0.116	1.10	1.20	0.167	No
55	1.08	16.55	3.73	12.82	0.99	0.167	1.43	0.117	1.10	1.20	0.168	No
56	1.10	16.89	3.92	12.97	0.99	0.168	1.43	0.118	1.10	1.20	0.170	No
57	1.12	17.23	4.12	13.11	0.99	0.170	1.43	0.119	1.10	1.20	0.171	No
58	1.14	17.56	4.32	13.25	0.99	0.171	1.43	0.120	1.10	1.20	0.173	No
59	1.16	17.90	4.51	13.39	0.99	0.172	1.43	0.121	1.10	1.20	0.174	No
60	1.18	18.24	4.71	13.53	0.99	0.174	1.43	0.122	1.10	1.20	0.175	No
61	1.20	18.57	4.91	13.67	0.99	0.175	1.43	0.123	1.10	1.20	0.177	No
62	1.22	18.91	5.10	13.81	0.99	0.176	1.43	0.124	1.10	1.20	0.178	No
63	1.24	19.25	5.30	13.95	0.99	0.178	1.43	0.124	1.10	1.20	0.179	No
64	1.26	19.59	5.49	14.10	0.99	0.179	1.43	0.125	1.10	1.20	0.180	No
65	1.28	19.94	5.69	14.25	0.99	0.180	1.43	0.126	1.10	1.20	0.180	No
66	1.30	20.30	5.89	14.41	0.99	0.181	1.43	0.127	1.10	1.20	0.180	No
67	1.32	20.66	6.08	14.57	0.99	0.182	1.43	0.128	1.10	1.20	0.181	No
68	1.34	21.02	6.28	14.74	0.99	0.183	1.43	0.128	1.10	1.20	0.182	No
69	1.36	21.38	6.47	14.90	0.99	0.184	1.43	0.129	1.10	1.20	0.183	No
70	1.38	21.74	6.67	15.07	0.99	0.185	1.43	0.130	1.10	1.20	0.184	No
71	1.40	22.10	6.87	15.23	0.99	0.186	1.43	0.130	1.10	1.20	0.185	No
72	1.42	22.46	7.06	15.40	0.99	0.187	1.43	0.131	1.10	1.20	0.185	No
73	1.44	22.82	7.26	15.56	0.99	0.188	1.43	0.132	1.10	1.20	0.186	No
74	1.46	23.19	7.46	15.73	0.99	0.189	1.43	0.132	1.10	1.20	0.188	No
75	1.48	23.55	7.65	15.89	0.99	0.190	1.43	0.133	1.10	1.20	0.189	No
76	1.50	23.91	7.85	16.06	0.99	0.191	1.43	0.134	1.10	1.20	0.191	No
77	1.52	24.26	8.04	16.22	0.99	0.192	1.43	0.134	1.10	1.20	0.192	No
78	1.54	24.62	8.24	16.38	0.99	0.193	1.43	0.135	1.10	1.20	0.194	No
79	1.56	24.97	8.44	16.53	0.99	0.194	1.43	0.136	1.10	1.20	0.195	No
80	1.58	25.32	8.63	16.68	0.99	0.194	1.43	0.136	1.10	1.20	0.196	No
81	1.60	25.66	8.83	16.83	0.99	0.195	1.43	0.137	1.10	1.20	0.197	No
82	1.62	26.01	9.03	16.98	0.99	0.196	1.43	0.137	1.10	1.20	0.198	No
83	1.64	26.35	9.22	17.12	0.98	0.197	1.43	0.138	1.10	1.20	0.199	No
84	1.66	26.69	9.42	17.27	0.98	0.198	1.43	0.138	1.10	1.20	0.200	No
85	1.68	27.02	9.61	17.41	0.98	0.199	1.43	0.139	1.10	1.20	0.198	No
86	1.70	27.36	9.81	17.55	0.98	0.199	1.43	0.140	1.10	1.20	0.195	No
87	1.72	27.70	10.01	17.69	0.98	0.200	1.43	0.140	1.10	1.20	0.194	No
88	1.74	28.03	10.20	17.83	0.98	0.201	1.43	0.141	1.10	1.20	0.198	No
89	1.76	28.36	10.40	17.96	0.98	0.202	1.43	0.141	1.10	1.20	0.203	No
90	1.78	28.68	10.59	18.09	0.98	0.203	1.43	0.142	1.10	1.20	0.206	No
91	1.80	29.00	10.79	18.21	0.98	0.203	1.43	0.142	1.10	1.20	0.208	No
92	1.82	29.31	10.99	18.33	0.98	0.204	1.43	0.143	1.10	1.20	0.209	No
93	1.84	29.62	11.18	18.44	0.98	0.205	1.43	0.143	1.10	1.20	0.210	No
94	1.86	29.92	11.38	18.54	0.98	0.206	1.43	0.144	1.10	1.20	0.211	No
95	1.88	30.22	11.58	18.65	0.98	0.207	1.43	0.145	1.10	1.20	0.212	No
96	1.90	30.52	11.77	18.75	0.98	0.208	1.43	0.145	1.10	1.20	0.212	No
97	1.92	30.82	11.97	18.85	0.98	0.208	1.43	0.146	1.10	1.20	0.212	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
98	1.94	31.11	12.16	18.95	0.98	0.209	1.43	0.146	1.10	1.20	0.212	No
99	1.96	31.41	12.36	19.05	0.98	0.210	1.43	0.147	1.10	1.20	0.213	No
100	1.98	31.71	12.56	19.15	0.98	0.211	1.43	0.148	1.10	1.20	0.213	No
101	2.00	32.02	12.75	19.26	0.98	0.212	1.43	0.148	1.10	1.20	0.212	No
102	2.02	32.33	12.95	19.38	0.98	0.212	1.43	0.149	1.10	1.20	0.211	No
103	2.04	32.66	13.15	19.51	0.98	0.213	1.43	0.149	1.10	1.20	0.211	No
104	2.06	32.99	13.34	19.65	0.98	0.213	1.43	0.149	1.10	1.20	0.211	No
105	2.08	33.33	13.54	19.79	0.98	0.214	1.43	0.150	1.10	1.20	0.211	No
106	2.10	33.67	13.73	19.94	0.98	0.215	1.43	0.150	1.10	1.20	0.211	No
107	2.12	34.02	13.93	20.09	0.98	0.215	1.43	0.151	1.10	1.20	0.211	No
108	2.14	34.36	14.13	20.23	0.98	0.216	1.43	0.151	1.10	1.20	0.212	No
109	2.16	34.71	14.32	20.38	0.98	0.216	1.43	0.151	1.10	1.20	0.212	No
110	2.18	35.05	14.52	20.53	0.98	0.217	1.43	0.152	1.10	1.20	0.213	No
111	2.20	35.40	14.71	20.68	0.98	0.217	1.43	0.152	1.10	1.20	0.213	No
112	2.22	35.74	14.91	20.83	0.98	0.218	1.43	0.152	1.10	1.20	0.214	No
113	2.24	36.09	15.11	20.98	0.97	0.218	1.43	0.153	1.10	1.20	0.213	No
114	2.26	36.43	15.30	21.13	0.97	0.218	1.43	0.153	1.10	1.20	0.213	No
115	2.28	36.78	15.50	21.28	0.97	0.219	1.43	0.153	1.10	1.20	0.213	No
116	2.30	37.12	15.70	21.42	0.97	0.219	1.43	0.154	1.10	1.20	0.213	No
117	2.32	37.46	15.89	21.57	0.97	0.220	1.43	0.154	1.10	1.20	0.212	No
118	2.34	37.80	16.09	21.71	0.97	0.220	1.43	0.154	1.10	1.20	0.212	No
119	2.36	38.15	16.28	21.86	0.97	0.221	1.43	0.154	1.10	1.20	0.211	No
120	2.38	38.49	16.48	22.01	0.97	0.221	1.43	0.155	1.10	1.20	0.211	No
121	2.40	38.83	16.68	22.15	0.97	0.222	1.43	0.155	1.10	1.20	0.216	No
122	2.42	39.17	16.87	22.30	0.97	0.222	1.43	0.155	1.10	1.20	0.218	No
123	2.44	39.51	17.07	22.44	0.97	0.222	1.43	0.156	1.10	1.20	0.220	No
124	2.46	39.85	17.27	22.58	0.97	0.223	1.43	0.156	1.10	1.20	0.221	No
125	2.48	40.19	17.46	22.73	0.97	0.223	1.43	0.156	1.10	1.20	0.222	No
126	2.50	40.53	17.66	22.87	0.97	0.224	1.43	0.156	1.10	1.20	0.224	No
127	2.52	40.87	17.85	23.02	0.97	0.224	1.43	0.157	1.10	1.20	0.225	No
128	2.54	41.22	18.05	23.17	0.97	0.224	1.43	0.157	1.10	1.20	0.225	No
129	2.56	41.56	18.25	23.31	0.97	0.225	1.43	0.157	1.10	1.20	0.226	No
130	2.58	41.90	18.44	23.46	0.97	0.225	1.43	0.157	1.10	1.20	0.226	No
131	2.60	42.24	18.64	23.61	0.97	0.225	1.43	0.158	1.10	1.20	0.227	No
132	2.62	42.59	18.84	23.75	0.97	0.226	1.43	0.158	1.10	1.20	0.227	No
133	2.64	42.93	19.03	23.90	0.97	0.226	1.43	0.158	1.10	1.20	0.228	No
134	2.66	43.27	19.23	24.04	0.97	0.226	1.43	0.158	1.10	1.20	0.228	No
135	2.68	43.61	19.42	24.18	0.97	0.227	1.43	0.159	1.10	1.20	0.229	No
136	2.70	43.94	19.62	24.32	0.97	0.227	1.43	0.159	1.10	1.20	0.229	No
137	2.72	44.28	19.82	24.47	0.97	0.227	1.43	0.159	1.10	1.20	0.229	No
138	2.74	44.62	20.01	24.61	0.97	0.228	1.43	0.159	1.10	1.20	0.230	No
139	2.76	44.96	20.21	24.75	0.97	0.228	1.43	0.160	1.10	1.20	0.230	No
140	2.78	45.30	20.40	24.90	0.97	0.228	1.43	0.160	1.10	1.20	0.230	No
141	2.80	45.64	20.60	25.04	0.97	0.229	1.43	0.160	1.10	1.20	0.231	No
142	2.82	45.98	20.80	25.18	0.96	0.229	1.43	0.160	1.10	1.20	0.231	No
143	2.84	46.32	20.99	25.33	0.96	0.229	1.43	0.160	1.10	1.20	0.232	No
144	2.86	46.66	21.19	25.47	0.96	0.230	1.43	0.161	1.10	1.20	0.232	No
145	2.88	47.00	21.39	25.62	0.96	0.230	1.43	0.161	1.10	1.20	0.232	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
146	2.90	47.34	21.58	25.76	0.96	0.230	1.43	0.161	1.10	1.20	0.232	No
147	2.92	47.69	21.78	25.91	0.96	0.230	1.43	0.161	1.10	1.20	0.233	No
148	2.94	48.03	21.97	26.05	0.96	0.231	1.43	0.161	1.10	1.20	0.233	No
149	2.96	48.37	22.17	26.20	0.96	0.231	1.43	0.162	1.10	1.20	0.234	No
150	2.98	48.70	22.37	26.33	0.96	0.231	1.43	0.162	1.10	1.20	0.235	No
151	3.00	49.03	22.56	26.47	0.96	0.232	1.43	0.162	1.10	1.20	0.235	No
152	3.02	49.36	22.76	26.60	0.96	0.232	1.43	0.162	1.10	1.20	0.236	No
153	3.04	49.68	22.96	26.73	0.96	0.232	1.43	0.163	1.10	1.20	0.236	No
154	3.06	50.01	23.15	26.86	0.96	0.232	1.43	0.163	1.10	1.20	0.236	No
155	3.08	50.33	23.35	26.98	0.96	0.233	1.43	0.163	1.10	1.20	0.236	No
156	3.10	50.65	23.54	27.11	0.96	0.233	1.43	0.163	1.10	1.20	0.236	No
157	3.12	50.98	23.74	27.24	0.96	0.233	1.43	0.163	1.10	1.20	0.237	No
158	3.14	51.29	23.94	27.36	0.96	0.234	1.43	0.164	1.10	1.20	0.237	No
159	3.16	51.61	24.13	27.48	0.96	0.234	1.43	0.164	1.10	1.20	0.237	No
160	3.18	51.92	24.33	27.59	0.96	0.234	1.43	0.164	1.10	1.20	0.238	No
161	3.20	52.22	24.52	27.70	0.96	0.235	1.43	0.164	1.10	1.20	0.239	No
162	3.22	52.52	24.72	27.80	0.96	0.235	1.43	0.165	1.10	1.20	0.239	No
163	3.24	52.82	24.92	27.90	0.96	0.236	1.43	0.165	1.10	1.20	0.240	No
164	3.26	53.12	25.11	28.00	0.96	0.236	1.43	0.165	1.10	1.20	0.240	No
165	3.28	53.41	25.31	28.10	0.96	0.236	1.43	0.165	1.10	1.20	0.241	No
166	3.30	53.71	25.51	28.20	0.96	0.237	1.43	0.166	1.10	1.20	0.241	No
167	3.32	54.00	25.70	28.30	0.96	0.237	1.43	0.166	1.10	1.20	0.242	No
168	3.34	54.30	25.90	28.40	0.96	0.237	1.43	0.166	1.10	1.20	0.242	No
169	3.36	54.60	26.09	28.51	0.95	0.238	1.43	0.166	1.10	1.20	0.242	No
170	3.38	54.90	26.29	28.61	0.95	0.238	1.43	0.167	1.10	1.20	0.243	No
171	3.40	55.21	26.49	28.72	0.95	0.238	1.43	0.167	1.10	1.20	0.243	No
172	3.42	55.51	26.68	28.83	0.95	0.239	1.43	0.167	1.10	1.20	0.243	No
173	3.44	55.82	26.88	28.94	0.95	0.239	1.43	0.167	1.10	1.20	0.243	No
174	3.46	56.13	27.08	29.05	0.95	0.239	1.43	0.168	1.10	1.20	0.244	No
175	3.48	56.44	27.27	29.17	0.95	0.240	1.43	0.168	1.10	1.20	0.244	No
176	3.50	56.76	27.47	29.29	0.95	0.240	1.43	0.168	1.10	1.20	0.244	No
177	3.52	57.08	27.66	29.42	0.95	0.240	1.43	0.168	1.10	1.20	0.244	No
178	3.54	57.41	27.86	29.55	0.95	0.240	1.43	0.168	1.10	1.20	0.243	No
179	3.56	57.73	28.06	29.67	0.95	0.241	1.43	0.168	1.10	1.20	0.242	No
180	3.58	58.05	28.25	29.80	0.95	0.241	1.43	0.169	1.10	1.20	0.242	No
181	3.60	58.37	28.45	29.92	0.95	0.241	1.43	0.169	1.10	1.20	0.243	No
182	3.62	58.68	28.65	30.04	0.95	0.241	1.43	0.169	1.10	1.20	0.245	No
183	3.64	58.99	28.84	30.15	0.95	0.242	1.43	0.169	1.10	1.20	0.246	No
184	3.66	59.29	29.04	30.25	0.95	0.242	1.43	0.169	1.10	1.20	0.247	No
185	3.68	59.59	29.23	30.35	0.95	0.242	1.43	0.169	1.10	1.20	0.247	No
186	3.70	59.88	29.43	30.45	0.95	0.242	1.43	0.170	1.10	1.20	0.248	No
187	3.72	60.18	29.63	30.55	0.95	0.243	1.43	0.170	1.10	1.20	0.248	No
188	3.74	60.48	29.82	30.66	0.95	0.243	1.43	0.170	1.09	1.20	0.249	No
189	3.76	60.78	30.02	30.76	0.95	0.243	1.43	0.170	1.09	1.20	0.249	No
190	3.78	61.08	30.21	30.86	0.95	0.244	1.43	0.171	1.09	1.20	0.249	No
191	3.80	61.38	30.41	30.97	0.95	0.244	1.43	0.171	1.09	1.20	0.250	No
192	3.82	61.68	30.61	31.07	0.95	0.244	1.43	0.171	1.09	1.20	0.250	No
193	3.84	61.99	30.80	31.18	0.95	0.244	1.43	0.171	1.09	1.20	0.250	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
194	3.86	62.30	31.00	31.30	0.95	0.245	1.43	0.171	1.09	1.20	0.250	No
195	3.88	62.61	31.20	31.41	0.94	0.245	1.43	0.171	1.09	1.20	0.250	No
196	3.90	62.93	31.39	31.53	0.94	0.245	1.43	0.172	1.10	1.20	0.250	No
197	3.92	63.25	31.59	31.66	0.94	0.245	1.43	0.172	1.10	1.20	0.250	No
198	3.94	63.57	31.78	31.78	0.94	0.245	1.43	0.172	1.10	1.20	0.250	No
199	3.96	63.89	31.98	31.91	0.94	0.246	1.43	0.172	1.10	1.20	0.249	No
200	3.98	64.21	32.18	32.04	0.94	0.246	1.43	0.172	1.10	1.20	0.249	No
201	4.00	64.54	32.37	32.17	0.94	0.246	1.43	0.172	1.10	1.20	0.249	No
202	4.02	64.87	32.57	32.30	0.94	0.246	1.43	0.172	1.10	1.20	0.250	No
203	4.04	65.20	32.77	32.44	0.94	0.246	1.43	0.172	1.10	1.20	0.250	No
204	4.06	65.53	32.96	32.57	0.94	0.246	1.43	0.172	1.09	1.20	0.250	No
205	4.08	65.86	33.16	32.70	0.94	0.246	1.43	0.172	1.09	1.20	0.250	No
206	4.10	66.18	33.35	32.83	0.94	0.247	1.43	0.173	1.09	1.20	0.250	No
207	4.12	66.50	33.55	32.95	0.94	0.247	1.43	0.173	1.09	1.20	0.251	No
208	4.14	66.83	33.75	33.08	0.94	0.247	1.43	0.173	1.09	1.20	0.251	No
209	4.16	67.15	33.94	33.21	0.94	0.247	1.43	0.173	1.09	1.20	0.252	No
210	4.18	67.47	34.14	33.33	0.94	0.247	1.43	0.173	1.09	1.20	0.252	No
211	4.20	67.79	34.34	33.46	0.94	0.247	1.43	0.173	1.09	1.20	0.252	No
212	4.22	68.12	34.53	33.59	0.94	0.247	1.43	0.173	1.09	1.20	0.252	No
213	4.24	68.44	34.73	33.71	0.94	0.247	1.43	0.173	1.09	1.20	0.252	No
214	4.26	68.77	34.92	33.84	0.94	0.248	1.43	0.173	1.09	1.20	0.252	No
215	4.28	69.09	35.12	33.97	0.94	0.248	1.43	0.173	1.09	1.20	0.253	No
216	4.30	69.42	35.32	34.11	0.94	0.248	1.43	0.173	1.09	1.20	0.253	No
217	4.32	69.75	35.51	34.24	0.94	0.248	1.43	0.174	1.09	1.20	0.253	No
218	4.34	70.08	35.71	34.37	0.94	0.248	1.43	0.174	1.09	1.20	0.253	No
219	4.36	70.41	35.90	34.51	0.94	0.248	1.43	0.174	1.09	1.20	0.253	No
220	4.38	70.75	36.10	34.65	0.93	0.248	1.43	0.174	1.09	1.20	0.253	No
221	4.40	71.09	36.30	34.79	0.93	0.248	1.43	0.174	1.09	1.20	0.252	No
222	4.42	71.43	36.49	34.93	0.93	0.248	1.43	0.174	1.09	1.20	0.252	No
223	4.44	71.77	36.69	35.08	0.93	0.248	1.43	0.174	1.09	1.20	0.252	No
224	4.46	72.11	36.89	35.22	0.93	0.248	1.43	0.174	1.09	1.20	0.253	No
225	4.48	72.45	37.08	35.37	0.93	0.248	1.43	0.174	1.09	1.20	0.254	No
226	4.50	72.79	37.28	35.51	0.93	0.249	1.43	0.174	1.09	1.20	0.254	No
227	4.52	73.12	37.47	35.65	0.93	0.249	1.43	0.174	1.09	1.20	0.254	No
228	4.54	73.45	37.67	35.78	0.93	0.249	1.43	0.174	1.09	1.20	0.255	No
229	4.56	73.79	37.87	35.92	0.93	0.249	1.43	0.174	1.09	1.20	0.255	No
230	4.58	74.12	38.06	36.05	0.93	0.249	1.43	0.174	1.09	1.20	0.255	No
231	4.60	74.45	38.26	36.19	0.93	0.249	1.43	0.174	1.09	1.20	0.255	No
232	4.62	74.78	38.46	36.33	0.93	0.249	1.43	0.174	1.08	1.20	0.255	No
233	4.64	75.12	38.65	36.47	0.93	0.249	1.43	0.174	1.08	1.20	0.256	No
234	4.66	75.46	38.85	36.61	0.93	0.249	1.43	0.174	1.08	1.20	0.256	No
235	4.68	75.80	39.04	36.75	0.93	0.249	1.43	0.174	1.08	1.20	0.255	No
236	4.70	76.14	39.24	36.90	0.93	0.249	1.43	0.174	1.09	1.20	0.255	No
237	4.72	76.49	39.44	37.05	0.93	0.249	1.43	0.174	1.09	1.20	0.254	No
238	4.74	76.84	39.63	37.20	0.93	0.249	1.43	0.174	1.08	1.20	0.255	No
239	4.76	77.18	39.83	37.36	0.93	0.249	1.43	0.174	1.08	1.20	0.255	No
240	4.78	77.53	40.02	37.50	0.93	0.249	1.43	0.174	1.08	1.20	0.255	No
241	4.80	77.87	40.22	37.65	0.93	0.249	1.43	0.174	1.08	1.20	0.255	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
242	4.82	78.21	40.42	37.80	0.93	0.249	1.43	0.174	1.08	1.20	0.255	No
243	4.84	78.55	40.61	37.94	0.93	0.249	1.43	0.174	1.08	1.20	0.256	No
244	4.86	78.89	40.81	38.08	0.93	0.249	1.43	0.174	1.08	1.20	0.256	No
245	4.88	79.23	41.01	38.22	0.92	0.249	1.43	0.174	1.08	1.20	0.256	No
246	4.90	79.56	41.20	38.36	0.92	0.249	1.43	0.174	1.08	1.20	0.256	No
247	4.92	79.89	41.40	38.49	0.92	0.249	1.43	0.174	1.08	1.20	0.256	No
248	4.94	80.23	41.59	38.63	0.92	0.249	1.43	0.175	1.08	1.20	0.256	No
249	4.96	80.56	41.79	38.77	0.92	0.249	1.43	0.175	1.08	1.20	0.256	No
250	4.98	80.89	41.99	38.91	0.92	0.249	1.43	0.175	1.08	1.20	0.256	No
251	5.00	81.23	42.18	39.04	0.92	0.249	1.43	0.175	1.08	1.20	0.257	No
252	5.02	81.56	42.38	39.18	0.92	0.249	1.43	0.175	1.08	1.20	0.257	No
253	5.04	81.89	42.58	39.32	0.92	0.249	1.43	0.175	1.08	1.20	0.257	No
254	5.06	82.23	42.77	39.46	0.92	0.250	1.43	0.175	1.08	1.20	0.257	No
255	5.08	82.57	42.97	39.60	0.92	0.250	1.43	0.175	1.08	1.20	0.257	No
256	5.10	82.91	43.16	39.74	0.92	0.250	1.43	0.175	1.08	1.20	0.256	No
257	5.12	83.25	43.36	39.89	0.92	0.250	1.43	0.175	1.08	1.20	0.256	No
258	5.14	83.59	43.56	40.03	0.92	0.250	1.43	0.175	1.08	1.20	0.256	No
259	5.16	83.93	43.75	40.18	0.92	0.250	1.43	0.175	1.08	1.20	0.256	No
260	5.18	84.28	43.95	40.33	0.92	0.250	1.43	0.175	1.08	1.20	0.256	No
261	5.20	84.63	44.15	40.48	0.92	0.249	1.43	0.175	1.08	1.20	0.256	No
262	5.22	84.98	44.34	40.63	0.92	0.249	1.43	0.175	1.08	1.20	0.257	No
263	5.24	85.32	44.54	40.78	0.92	0.249	1.43	0.175	1.08	1.20	0.257	No
264	5.26	85.67	44.73	40.93	0.92	0.249	1.43	0.175	1.08	1.20	0.257	No
265	5.28	86.01	44.93	41.08	0.92	0.249	1.43	0.175	1.08	1.20	0.258	No
266	5.30	86.35	45.13	41.22	0.92	0.249	1.43	0.175	1.08	1.20	0.258	No
267	5.32	86.68	45.32	41.36	0.92	0.249	1.43	0.175	1.08	1.20	0.258	No
268	5.34	87.02	45.52	41.50	0.92	0.249	1.43	0.175	1.07	1.20	0.258	No
269	5.36	87.36	45.71	41.64	0.91	0.249	1.43	0.175	1.07	1.20	0.258	No
270	5.38	87.70	45.91	41.79	0.91	0.249	1.43	0.175	1.07	1.20	0.258	No
271	5.40	88.03	46.11	41.93	0.91	0.249	1.43	0.175	1.07	1.20	0.258	No
272	5.42	88.37	46.30	42.07	0.91	0.249	1.43	0.175	1.07	1.20	0.258	No
273	5.44	88.71	46.50	42.21	0.91	0.249	1.43	0.175	1.07	1.20	0.257	No
274	5.46	89.06	46.70	42.36	0.91	0.249	1.43	0.175	1.08	1.20	0.254	No
275	5.48	89.41	46.89	42.51	0.91	0.249	1.43	0.175	1.08	1.20	0.252	No
276	5.50	89.76	47.09	42.67	0.91	0.249	1.43	0.174	1.08	1.20	0.250	No
277	5.52	90.11	47.28	42.82	0.91	0.249	1.43	0.174	1.08	1.20	0.249	No
278	5.54	90.46	47.48	42.98	0.91	0.249	1.43	0.174	1.08	1.20	0.249	No
279	5.56	90.81	47.68	43.13	0.91	0.249	1.43	0.174	1.09	1.20	0.246	No
280	5.58	91.15	47.87	43.28	0.91	0.249	1.43	0.174	1.09	1.20	0.244	No
281	5.60	91.49	48.07	43.42	0.91	0.249	1.43	0.174	1.08	1.20	0.248	No
282	5.62	91.82	48.27	43.56	0.91	0.249	1.43	0.174	1.08	1.20	0.250	No
283	5.64	92.16	48.46	43.70	0.91	0.249	1.43	0.174	1.08	1.20	0.251	No
284	5.66	92.49	48.66	43.83	0.91	0.249	1.43	0.174	1.08	1.20	0.251	No
285	5.68	92.82	48.85	43.97	0.91	0.249	1.43	0.174	1.08	1.20	0.251	No
286	5.70	93.15	49.05	44.10	0.91	0.249	1.43	0.174	1.08	1.20	0.252	No
287	5.72	93.49	49.25	44.24	0.91	0.249	1.43	0.174	1.08	1.20	0.252	No
288	5.74	93.82	49.44	44.38	0.91	0.249	1.43	0.174	1.08	1.20	0.253	No
289	5.76	94.16	49.64	44.52	0.91	0.249	1.43	0.174	1.08	1.20	0.253	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
290	5.78	94.50	49.83	44.66	0.91	0.249	1.43	0.174	1.08	1.20	0.253	No
291	5.80	94.84	50.03	44.81	0.91	0.249	1.43	0.174	1.08	1.20	0.253	No
292	5.82	95.18	50.23	44.95	0.90	0.249	1.43	0.174	1.07	1.20	0.253	No
293	5.84	95.52	50.42	45.09	0.90	0.249	1.43	0.174	1.07	1.20	0.254	No
294	5.86	95.85	50.62	45.23	0.90	0.249	1.43	0.174	1.08	1.20	0.252	No
295	5.88	96.18	50.82	45.37	0.90	0.249	1.43	0.174	1.07	1.20	0.253	No
296	5.90	96.51	51.01	45.49	0.90	0.249	1.43	0.174	1.06	1.20	0.261	No
297	5.92	96.82	51.21	45.62	0.90	0.249	1.43	0.174	1.06	1.20	0.261	No
298	5.94	97.14	51.40	45.74	0.90	0.249	1.43	0.174	1.07	1.20	0.259	No
299	5.96	97.46	51.60	45.86	0.90	0.249	1.43	0.174	1.07	1.20	0.258	No
300	5.98	97.78	51.80	45.98	0.90	0.249	1.43	0.174	1.07	1.20	0.259	No
301	6.00	98.10	51.99	46.10	0.90	0.249	1.43	0.174	1.07	1.20	0.260	No
302	6.02	98.42	52.19	46.23	0.90	0.249	1.43	0.174	1.06	1.20	0.261	No
303	6.04	98.75	52.39	46.37	0.90	0.249	1.43	0.174	1.06	1.20	0.261	No
304	6.06	99.09	52.58	46.51	0.90	0.249	1.43	0.174	1.07	1.20	0.258	No
305	6.08	99.42	52.78	46.64	0.90	0.249	1.43	0.174	1.07	1.20	0.258	No
306	6.10	99.76	52.97	46.78	0.90	0.249	1.43	0.174	1.06	1.20	0.260	No
307	6.12	100.09	53.17	46.92	0.90	0.249	1.43	0.174	1.07	1.20	0.258	No
308	6.14	100.42	53.37	47.06	0.90	0.249	1.43	0.174	1.07	1.20	0.257	No
309	6.16	100.75	53.56	47.19	0.90	0.249	1.43	0.174	1.07	1.20	0.257	No
310	6.18	101.07	53.76	47.31	0.90	0.249	1.43	0.174	1.07	1.20	0.259	No
311	6.20	101.39	53.95	47.44	0.90	0.249	1.43	0.174	1.06	1.20	0.261	No
312	6.22	101.71	54.15	47.56	0.90	0.249	1.43	0.174	1.06	1.20	0.264	No
313	6.24	102.03	54.35	47.68	0.90	0.249	1.43	0.174	1.06	1.20	0.263	No
314	6.26	102.35	54.54	47.80	0.89	0.249	1.43	0.174	1.06	1.20	0.259	No
315	6.28	102.67	54.74	47.93	0.89	0.249	1.43	0.174	1.07	1.20	0.257	No
316	6.30	102.99	54.94	48.05	0.89	0.249	1.43	0.174	1.07	1.20	0.257	No
317	6.32	103.30	55.13	48.17	0.89	0.249	1.43	0.174	1.07	1.20	0.258	No
318	6.34	103.62	55.33	48.29	0.89	0.249	1.43	0.174	1.06	1.20	0.259	No
319	6.36	103.94	55.52	48.42	0.89	0.249	1.43	0.174	1.06	1.20	0.260	No
320	6.38	104.27	55.72	48.55	0.89	0.249	1.43	0.174	1.06	1.20	0.259	No
321	6.40	104.60	55.92	48.69	0.89	0.249	1.43	0.174	1.06	1.20	0.259	No
322	6.42	104.94	56.11	48.82	0.89	0.249	1.43	0.174	1.06	1.20	0.259	No
323	6.44	105.27	56.31	48.96	0.89	0.249	1.43	0.174	1.06	1.20	0.259	No
324	6.46	105.61	56.51	49.10	0.89	0.249	1.43	0.174	1.06	1.20	0.257	No
325	6.48	105.95	56.70	49.25	0.89	0.249	1.43	0.174	1.07	1.20	0.254	No
326	6.50	106.29	56.90	49.39	0.89	0.249	1.43	0.174	1.07	1.20	0.254	No
327	6.52	106.62	57.09	49.53	0.89	0.249	1.43	0.174	1.07	1.20	0.254	No
328	6.54	106.96	57.29	49.67	0.89	0.249	1.43	0.174	1.07	1.20	0.255	No
329	6.56	107.29	57.49	49.81	0.89	0.249	1.43	0.174	1.06	1.20	0.256	No
330	6.58	107.63	57.68	49.94	0.89	0.249	1.43	0.174	1.06	1.20	0.256	No
331	6.60	107.96	57.88	50.08	0.89	0.249	1.43	0.174	1.06	1.20	0.256	No
332	6.62	108.29	58.08	50.21	0.89	0.249	1.43	0.174	1.06	1.20	0.257	No
333	6.64	108.62	58.27	50.34	0.89	0.249	1.43	0.174	1.06	1.20	0.256	No
334	6.66	108.94	58.47	50.47	0.89	0.249	1.43	0.174	1.06	1.20	0.258	No
335	6.68	109.25	58.66	50.59	0.89	0.249	1.43	0.174	1.06	1.20	0.258	No
336	6.70	109.57	58.86	50.71	0.89	0.249	1.43	0.174	1.06	1.20	0.260	No
337	6.72	109.89	59.06	50.83	0.88	0.249	1.43	0.174	1.06	1.20	0.260	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
338	6.74	110.20	59.25	50.95	0.88	0.249	1.43	0.174	1.06	1.20	0.260	No
339	6.76	110.52	59.45	51.07	0.88	0.249	1.43	0.174	1.06	1.20	0.259	No
340	6.78	110.84	59.64	51.19	0.88	0.249	1.43	0.174	1.06	1.20	0.258	No
341	6.80	111.16	59.84	51.32	0.88	0.249	1.43	0.174	1.06	1.20	0.257	No
342	6.82	111.48	60.04	51.44	0.88	0.249	1.43	0.174	1.06	1.20	0.258	No
343	6.84	111.80	60.23	51.57	0.88	0.249	1.43	0.174	1.06	1.20	0.259	No
344	6.86	112.11	60.43	51.69	0.88	0.249	1.43	0.174	1.06	1.20	0.261	No
345	6.88	112.43	60.63	51.80	0.88	0.249	1.43	0.174	1.06	1.20	0.263	No
346	6.90	112.74	60.82	51.92	0.88	0.249	1.43	0.174	1.05	1.20	0.263	No
347	6.92	113.05	61.02	52.03	0.88	0.249	1.43	0.174	1.05	1.20	0.264	No
348	6.94	113.36	61.21	52.15	0.88	0.249	1.43	0.174	1.05	1.20	0.264	No
349	6.96	113.67	61.41	52.26	0.88	0.249	1.43	0.174	1.05	1.20	0.264	No
350	6.98	113.99	61.61	52.38	0.88	0.249	1.43	0.174	1.05	1.20	0.265	No
351	7.00	114.30	61.80	52.50	0.88	0.249	1.43	0.174	1.05	1.20	0.265	No
352	7.02	114.62	62.00	52.62	0.88	0.249	1.43	0.174	1.05	1.20	0.265	No
353	7.04	114.93	62.20	52.74	0.88	0.249	1.43	0.174	1.05	1.20	0.265	No
354	7.06	115.25	62.39	52.86	0.88	0.249	1.43	0.174	1.05	1.20	0.265	No
355	7.08	115.57	62.59	52.98	0.88	0.249	1.43	0.174	1.05	1.20	0.264	No
356	7.10	115.89	62.78	53.11	0.88	0.249	1.43	0.174	1.05	1.20	0.264	No
357	7.12	116.21	62.98	53.23	0.88	0.249	1.43	0.174	1.05	1.20	0.264	No
358	7.14	116.53	63.18	53.35	0.88	0.248	1.43	0.174	1.05	1.20	0.264	No
359	7.16	116.85	63.37	53.48	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
360	7.18	117.17	63.57	53.60	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
361	7.20	117.49	63.77	53.72	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
362	7.22	117.81	63.96	53.85	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
363	7.24	118.13	64.16	53.97	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
364	7.26	118.44	64.35	54.09	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
365	7.28	118.76	64.55	54.21	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
366	7.30	119.07	64.75	54.33	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
367	7.32	119.39	64.94	54.45	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
368	7.34	119.70	65.14	54.57	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
369	7.36	120.02	65.33	54.68	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
370	7.38	120.33	65.53	54.80	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
371	7.40	120.65	65.73	54.92	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
372	7.42	120.96	65.92	55.04	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
373	7.44	121.28	66.12	55.16	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
374	7.46	121.60	66.32	55.28	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
375	7.48	121.92	66.51	55.40	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
376	7.50	122.24	66.71	55.53	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
377	7.52	122.56	66.90	55.65	0.87	0.248	1.43	0.174	1.05	1.20	0.265	No
378	7.54	122.88	67.10	55.78	0.87	0.248	1.43	0.174	1.05	1.20	0.264	No
379	7.56	123.20	67.30	55.90	0.87	0.248	1.43	0.174	1.05	1.20	0.264	No
380	7.58	123.52	67.49	56.03	0.87	0.248	1.43	0.174	1.05	1.20	0.264	No
381	7.60	123.84	67.69	56.16	0.86	0.248	1.43	0.173	1.05	1.20	0.264	No
382	7.62	124.17	67.89	56.28	0.86	0.248	1.43	0.173	1.05	1.20	0.264	No
383	7.64	124.49	68.08	56.41	0.86	0.248	1.43	0.173	1.05	1.20	0.264	No
384	7.66	124.81	68.28	56.54	0.86	0.248	1.43	0.173	1.05	1.20	0.264	No
385	7.68	125.14	68.47	56.66	0.86	0.248	1.43	0.173	1.05	1.20	0.264	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
386	7.70	125.46	68.67	56.79	0.86	0.248	1.43	0.173	1.05	1.20	0.264	No
387	7.72	125.79	68.87	56.92	0.86	0.248	1.43	0.173	1.05	1.20	0.264	No
388	7.74	126.11	69.06	57.05	0.86	0.248	1.43	0.173	1.05	1.20	0.264	No
389	7.76	126.44	69.26	57.18	0.86	0.247	1.43	0.173	1.05	1.20	0.264	No
390	7.78	126.77	69.45	57.31	0.86	0.247	1.43	0.173	1.05	1.20	0.264	No
391	7.80	127.09	69.65	57.44	0.86	0.247	1.43	0.173	1.05	1.20	0.264	No
392	7.82	127.42	69.85	57.57	0.86	0.247	1.43	0.173	1.05	1.20	0.264	No
393	7.84	127.75	70.04	57.70	0.86	0.247	1.43	0.173	1.05	1.20	0.264	No
394	7.86	128.07	70.24	57.83	0.86	0.247	1.43	0.173	1.05	1.20	0.264	No
395	7.88	128.40	70.44	57.96	0.86	0.247	1.43	0.173	1.05	1.20	0.264	No
396	7.90	128.73	70.63	58.09	0.86	0.247	1.43	0.173	1.05	1.20	0.264	No
397	7.92	129.05	70.83	58.23	0.86	0.247	1.43	0.173	1.04	1.20	0.264	No
398	7.94	129.38	71.02	58.36	0.86	0.247	1.43	0.173	1.04	1.20	0.264	No
399	7.96	129.71	71.22	58.49	0.86	0.247	1.43	0.173	1.04	1.20	0.264	No
400	7.98	130.05	71.42	58.63	0.86	0.247	1.43	0.173	1.04	1.20	0.264	No
401	8.00	130.38	71.61	58.77	0.86	0.247	1.43	0.173	1.04	1.20	0.264	No
402	8.02	130.71	71.81	58.90	0.85	0.247	1.43	0.173	1.04	1.20	0.263	No
403	8.04	131.05	72.01	59.04	0.85	0.247	1.43	0.173	1.04	1.20	0.264	No
404	8.06	131.38	72.20	59.18	0.85	0.246	1.43	0.172	1.04	1.20	0.264	No
405	8.08	131.72	72.40	59.32	0.85	0.246	1.43	0.172	1.04	1.20	0.264	No
406	8.10	132.06	72.59	59.46	0.85	0.246	1.43	0.172	1.04	1.20	0.263	No
407	8.12	132.39	72.79	59.60	0.85	0.246	1.43	0.172	1.04	1.20	0.263	No
408	8.14	132.73	72.99	59.74	0.85	0.246	1.43	0.172	1.04	1.20	0.263	No
409	8.16	133.07	73.18	59.88	0.85	0.246	1.43	0.172	1.04	1.20	0.263	No
410	8.18	133.40	73.38	60.03	0.85	0.246	1.43	0.172	1.04	1.20	0.263	No
411	8.20	133.74	73.58	60.17	0.85	0.246	1.43	0.172	1.04	1.20	0.263	No
412	8.22	134.08	73.77	60.31	0.85	0.246	1.43	0.172	1.04	1.20	0.263	No
413	8.24	134.42	73.97	60.46	0.85	0.246	1.43	0.172	1.04	1.20	0.263	No
414	8.26	134.77	74.16	60.60	0.85	0.245	1.43	0.172	1.04	1.20	0.263	No
415	8.28	135.11	74.36	60.75	0.85	0.245	1.43	0.172	1.04	1.20	0.263	No
416	8.30	135.45	74.56	60.89	0.85	0.245	1.43	0.172	1.04	1.20	0.263	No
417	8.32	135.79	74.75	61.04	0.85	0.245	1.43	0.172	1.04	1.20	0.263	No
418	8.34	136.13	74.95	61.18	0.85	0.245	1.43	0.172	1.04	1.20	0.263	No
419	8.36	136.47	75.14	61.33	0.85	0.245	1.43	0.171	1.04	1.20	0.263	No
420	8.38	136.81	75.34	61.47	0.85	0.245	1.43	0.171	1.04	1.20	0.262	No
421	8.40	137.15	75.54	61.62	0.85	0.245	1.43	0.171	1.04	1.20	0.262	No
422	8.42	137.49	75.73	61.76	0.85	0.245	1.43	0.171	1.04	1.20	0.262	No
423	8.44	137.84	75.93	61.91	0.84	0.245	1.43	0.171	1.04	1.20	0.262	No
424	8.46	138.18	76.13	62.05	0.84	0.244	1.43	0.171	1.04	1.20	0.262	No
425	8.48	138.52	76.32	62.20	0.84	0.244	1.43	0.171	1.04	1.20	0.262	No
426	8.50	138.86	76.52	62.34	0.84	0.244	1.43	0.171	1.04	1.20	0.262	No
427	8.52	139.20	76.71	62.49	0.84	0.244	1.43	0.171	1.04	1.20	0.262	No
428	8.54	139.55	76.91	62.64	0.84	0.244	1.43	0.171	1.04	1.20	0.261	No
429	8.56	139.89	77.11	62.78	0.84	0.244	1.43	0.171	1.04	1.20	0.261	No
430	8.58	140.24	77.30	62.93	0.84	0.244	1.43	0.171	1.04	1.20	0.261	No
431	8.60	140.58	77.50	63.08	0.84	0.244	1.43	0.171	1.04	1.20	0.261	No
432	8.62	140.93	77.70	63.23	0.84	0.244	1.43	0.170	1.04	1.20	0.261	No
433	8.64	141.27	77.89	63.38	0.84	0.243	1.43	0.170	1.04	1.20	0.261	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
434	8.66	141.62	78.09	63.53	0.84	0.243	1.43	0.170	1.04	1.20	0.261	No
435	8.68	141.97	78.28	63.68	0.84	0.243	1.43	0.170	1.04	1.20	0.261	No
436	8.70	142.31	78.48	63.83	0.84	0.243	1.43	0.170	1.04	1.20	0.261	No
437	8.72	142.66	78.68	63.98	0.84	0.243	1.43	0.170	1.04	1.20	0.260	No
438	8.74	143.00	78.87	64.13	0.84	0.243	1.43	0.170	1.04	1.20	0.260	No
439	8.76	143.35	79.07	64.28	0.84	0.243	1.43	0.170	1.04	1.20	0.260	No
440	8.78	143.69	79.26	64.43	0.84	0.243	1.43	0.170	1.04	1.20	0.260	No
441	8.80	144.04	79.46	64.57	0.84	0.243	1.43	0.170	1.04	1.20	0.260	No
442	8.82	144.38	79.66	64.72	0.84	0.242	1.43	0.170	1.04	1.20	0.260	No
443	8.84	144.72	79.85	64.87	0.84	0.242	1.43	0.170	1.04	1.20	0.260	No
444	8.86	145.07	80.05	65.02	0.83	0.242	1.43	0.170	1.04	1.20	0.260	No
445	8.88	145.41	80.25	65.17	0.83	0.242	1.43	0.169	1.04	1.20	0.260	No
446	8.90	145.76	80.44	65.32	0.83	0.242	1.43	0.169	1.04	1.20	0.260	No
447	8.92	146.10	80.64	65.47	0.83	0.242	1.43	0.169	1.04	1.20	0.260	No
448	8.94	146.45	80.83	65.61	0.83	0.242	1.43	0.169	1.04	1.20	0.259	No
449	8.96	146.79	81.03	65.76	0.83	0.242	1.43	0.169	1.04	1.20	0.259	No
450	8.98	147.14	81.23	65.91	0.83	0.241	1.43	0.169	1.04	1.20	0.260	No
451	9.00	147.48	81.42	66.06	0.83	0.241	1.43	0.169	1.04	1.20	0.260	No
452	9.02	147.83	81.62	66.21	0.83	0.241	1.43	0.169	1.04	1.20	0.259	No
453	9.04	148.17	81.82	66.36	0.83	0.241	1.43	0.169	1.04	1.20	0.259	No
454	9.06	148.52	82.01	66.51	0.83	0.241	1.43	0.169	1.03	1.20	0.259	No
455	9.08	148.86	82.21	66.65	0.83	0.241	1.43	0.169	1.03	1.20	0.259	No
456	9.10	149.21	82.40	66.80	0.83	0.241	1.43	0.169	1.03	1.20	0.259	No
457	9.12	149.55	82.60	66.95	0.83	0.241	1.43	0.168	1.03	1.20	0.259	No
458	9.14	149.90	82.80	67.10	0.83	0.241	1.43	0.168	1.03	1.20	0.259	No
459	9.16	150.24	82.99	67.25	0.83	0.240	1.43	0.168	1.03	1.20	0.259	No
460	9.18	150.59	83.19	67.40	0.83	0.240	1.43	0.168	1.03	1.20	0.259	No
461	9.20	150.94	83.39	67.55	0.83	0.240	1.43	0.168	1.03	1.20	0.259	No
462	9.22	151.29	83.58	67.71	0.83	0.240	1.43	0.168	1.03	1.20	0.259	No
463	9.24	151.64	83.78	67.86	0.83	0.240	1.43	0.168	1.03	1.20	0.259	No
464	9.26	151.99	83.97	68.01	0.83	0.240	1.43	0.168	1.03	1.20	0.258	No
465	9.28	152.34	84.17	68.17	0.83	0.240	1.43	0.168	1.03	1.20	0.258	No
466	9.30	152.69	84.37	68.32	0.82	0.240	1.43	0.168	1.03	1.20	0.258	No
467	9.32	153.04	84.56	68.48	0.82	0.239	1.43	0.168	1.03	1.20	0.258	No
468	9.34	153.39	84.76	68.63	0.82	0.239	1.43	0.167	1.03	1.20	0.258	No
469	9.36	153.75	84.95	68.79	0.82	0.239	1.43	0.167	1.03	1.20	0.257	No
470	9.38	154.10	85.15	68.95	0.82	0.239	1.43	0.167	1.03	1.20	0.257	No
471	9.40	154.46	85.35	69.11	0.82	0.239	1.43	0.167	1.03	1.20	0.257	No
472	9.42	154.81	85.54	69.27	0.82	0.239	1.43	0.167	1.03	1.20	0.257	No
473	9.44	155.17	85.74	69.43	0.82	0.239	1.43	0.167	1.03	1.20	0.257	No
474	9.46	155.52	85.94	69.59	0.82	0.238	1.43	0.167	1.03	1.20	0.257	No
475	9.48	155.88	86.13	69.75	0.82	0.238	1.43	0.167	1.03	1.20	0.256	No
476	9.50	156.23	86.33	69.91	0.82	0.238	1.43	0.167	1.03	1.20	0.256	No
477	9.52	156.59	86.52	70.07	0.82	0.238	1.43	0.167	1.03	1.20	0.256	No
478	9.54	156.94	86.72	70.22	0.82	0.238	1.43	0.167	1.03	1.20	0.256	No
479	9.56	157.30	86.92	70.38	0.82	0.238	1.43	0.166	1.03	1.20	0.256	No
480	9.58	157.65	87.11	70.54	0.82	0.238	1.43	0.166	1.03	1.20	0.256	No
481	9.60	158.01	87.31	70.70	0.82	0.237	1.43	0.166	1.03	1.20	0.256	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
482	9.62	158.36	87.51	70.86	0.82	0.237	1.43	0.166	1.03	1.20	0.256	No
483	9.64	158.71	87.70	71.01	0.82	0.237	1.43	0.166	1.03	1.20	0.256	No
484	9.66	159.07	87.90	71.17	0.82	0.237	1.43	0.166	1.03	1.20	0.256	No
485	9.68	159.42	88.09	71.33	0.82	0.237	1.43	0.166	1.03	1.20	0.256	No
486	9.70	159.78	88.29	71.49	0.81	0.237	1.43	0.166	1.03	1.20	0.255	No
487	9.72	160.14	88.49	71.65	0.81	0.237	1.43	0.166	1.03	1.20	0.255	No
488	9.74	160.49	88.68	71.81	0.81	0.237	1.43	0.166	1.03	1.20	0.254	No
489	9.76	160.85	88.88	71.97	0.81	0.236	1.43	0.165	1.03	1.20	0.254	No
490	9.78	161.21	89.07	72.14	0.81	0.236	1.43	0.165	1.03	1.20	0.254	No
491	9.80	161.57	89.27	72.30	0.81	0.236	1.43	0.165	1.03	1.20	0.254	No
492	9.82	161.93	89.47	72.46	0.81	0.236	1.43	0.165	1.03	1.20	0.253	No
493	9.84	162.29	89.66	72.63	0.81	0.236	1.43	0.165	1.03	1.20	0.253	No
494	9.86	162.65	89.86	72.79	0.81	0.236	1.43	0.165	1.03	1.20	0.253	No
495	9.88	163.01	90.06	72.96	0.81	0.235	1.43	0.165	1.03	1.20	0.253	No
496	9.90	163.37	90.25	73.12	0.81	0.235	1.43	0.165	1.03	1.20	0.252	No
497	9.92	163.73	90.45	73.28	0.81	0.235	1.43	0.165	1.03	1.20	0.252	No
498	9.94	164.09	90.64	73.45	0.81	0.235	1.43	0.165	1.03	1.20	0.252	No
499	9.96	164.45	90.84	73.61	0.81	0.235	1.43	0.164	1.03	1.20	0.252	No
500	9.98	164.82	91.04	73.78	0.81	0.235	1.43	0.164	1.03	1.20	0.252	No
501	10.00	165.18	91.23	73.95	0.81	0.235	1.43	0.164	1.03	1.20	0.252	No
502	10.02	165.54	91.43	74.11	0.81	0.234	1.43	0.164	1.03	1.20	0.251	No
503	10.04	165.90	91.63	74.28	0.81	0.234	1.43	0.164	1.03	1.20	0.251	No
504	10.06	166.27	91.82	74.45	0.81	0.234	1.43	0.164	1.03	1.20	0.251	No
505	10.08	166.63	92.02	74.61	0.81	0.234	1.43	0.164	1.03	1.20	0.251	No
506	10.10	166.99	92.21	74.78	0.81	0.234	1.43	0.164	1.03	1.20	0.252	No
507	10.12	167.36	92.41	74.95	0.80	0.234	1.43	0.164	1.03	1.20	0.252	No
508	10.14	167.72	92.61	75.11	0.80	0.234	1.43	0.163	1.03	1.20	0.252	No
509	10.16	168.08	92.80	75.27	0.80	0.233	1.43	0.163	1.03	1.20	0.252	No
510	10.18	168.44	93.00	75.44	0.80	0.233	1.43	0.163	1.03	1.20	0.252	No
511	10.20	168.79	93.19	75.60	0.80	0.233	1.43	0.163	1.02	1.20	0.252	No
512	10.22	169.15	93.39	75.76	0.80	0.233	1.43	0.163	1.02	1.20	0.252	No
513	10.24	169.51	93.59	75.92	0.80	0.233	1.43	0.163	1.02	1.20	0.252	No
514	10.26	169.87	93.78	76.08	0.80	0.233	1.43	0.163	1.02	1.20	0.252	No
515	10.28	170.22	93.98	76.24	0.80	0.233	1.43	0.163	1.02	1.20	0.252	No
516	10.30	170.58	94.18	76.40	0.80	0.232	1.43	0.163	1.02	1.20	0.252	No
517	10.32	170.94	94.37	76.56	0.80	0.232	1.43	0.163	1.02	1.20	0.252	No
518	10.34	171.29	94.57	76.72	0.80	0.232	1.43	0.162	1.02	1.20	0.252	No
519	10.36	171.65	94.76	76.89	0.80	0.232	1.43	0.162	1.02	1.20	0.252	No
520	10.38	172.01	94.96	77.05	0.80	0.232	1.43	0.162	1.02	1.20	0.251	No
521	10.40	172.37	95.16	77.21	0.80	0.232	1.43	0.162	1.02	1.20	0.251	No
522	10.42	172.72	95.35	77.37	0.80	0.232	1.43	0.162	1.02	1.20	0.251	No
523	10.44	173.08	95.55	77.53	0.80	0.231	1.43	0.162	1.02	1.20	0.251	No
524	10.46	173.44	95.75	77.69	0.80	0.231	1.43	0.162	1.02	1.20	0.250	No
525	10.48	173.80	95.94	77.85	0.80	0.231	1.43	0.162	1.02	1.20	0.250	No
526	10.50	174.15	96.14	78.01	0.80	0.231	1.43	0.162	1.02	1.20	0.250	No
527	10.52	174.51	96.33	78.18	0.80	0.231	1.43	0.162	1.02	1.20	0.249	No
528	10.54	174.87	96.53	78.34	0.79	0.231	1.43	0.161	1.02	1.20	0.249	No
529	10.56	175.22	96.73	78.50	0.79	0.231	1.43	0.161	1.02	1.20	0.249	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
530	10.58	175.58	96.92	78.66	0.79	0.230	1.43	0.161	1.02	1.20	0.249	No
531	10.60	175.93	97.12	78.82	0.79	0.230	1.43	0.161	1.02	1.20	0.249	No
532	10.62	176.29	97.32	78.97	0.79	0.230	1.43	0.161	1.02	1.20	0.249	No
533	10.64	176.65	97.51	79.13	0.79	0.230	1.43	0.161	1.02	1.20	0.248	No
534	10.66	177.00	97.71	79.30	0.79	0.230	1.43	0.161	1.02	1.20	0.248	No
535	10.68	177.36	97.90	79.46	0.79	0.230	1.43	0.161	1.02	1.20	0.248	No
536	10.70	177.72	98.10	79.62	0.79	0.230	1.43	0.161	1.02	1.20	0.248	No
537	10.72	178.08	98.30	79.79	0.79	0.229	1.43	0.161	1.02	1.20	0.248	No
538	10.74	178.44	98.49	79.95	0.79	0.229	1.43	0.160	1.02	1.20	0.247	No
539	10.76	178.80	98.69	80.11	0.79	0.229	1.43	0.160	1.02	1.20	0.247	No
540	10.78	179.16	98.88	80.28	0.79	0.229	1.43	0.160	1.02	1.20	0.247	No
541	10.80	179.52	99.08	80.44	0.79	0.229	1.43	0.160	1.02	1.20	0.247	No
542	10.82	179.89	99.28	80.61	0.79	0.229	1.43	0.160	1.02	1.20	0.247	No
543	10.84	180.25	99.47	80.78	0.79	0.229	1.43	0.160	1.02	1.20	0.247	No
544	10.86	180.61	99.67	80.94	0.79	0.228	1.43	0.160	1.02	1.20	0.247	No
545	10.88	180.98	99.87	81.11	0.79	0.228	1.43	0.160	1.02	1.20	0.247	No
546	10.90	181.34	100.06	81.28	0.79	0.228	1.43	0.160	1.02	1.20	0.247	No
547	10.92	181.71	100.26	81.45	0.79	0.228	1.43	0.160	1.02	1.20	0.247	No
548	10.94	182.07	100.45	81.61	0.79	0.228	1.43	0.159	1.02	1.20	0.248	No
549	10.96	182.43	100.65	81.77	0.78	0.228	1.43	0.159	1.02	1.20	0.248	No
550	10.98	182.78	100.85	81.93	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
551	11.00	183.13	101.04	82.09	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
552	11.02	183.48	101.24	82.24	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
553	11.04	183.83	101.44	82.40	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
554	11.06	184.17	101.63	82.54	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
555	11.08	184.52	101.83	82.69	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
556	11.10	184.85	102.02	82.83	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
557	11.12	185.19	102.22	82.97	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
558	11.14	185.52	102.42	83.11	0.78	0.227	1.43	0.159	1.02	1.20	0.249	No
559	11.16	185.85	102.61	83.24	0.78	0.226	1.43	0.158	1.02	1.20	0.249	No
560	11.18	186.18	102.81	83.38	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
561	11.20	186.51	103.00	83.51	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
562	11.22	186.84	103.20	83.64	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
563	11.24	187.17	103.40	83.78	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
564	11.26	187.50	103.59	83.91	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
565	11.28	187.83	103.79	84.04	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
566	11.30	188.16	103.99	84.18	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
567	11.32	188.49	104.18	84.31	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
568	11.34	188.82	104.38	84.44	0.78	0.226	1.43	0.158	1.02	1.20	0.248	No
569	11.36	189.15	104.57	84.57	0.78	0.225	1.43	0.158	1.01	1.20	0.247	No
570	11.38	189.47	104.77	84.70	0.77	0.225	1.43	0.158	1.01	1.20	0.247	No
571	11.40	189.80	104.97	84.83	0.77	0.225	1.43	0.158	1.01	1.20	0.247	No
572	11.42	190.12	105.16	84.96	0.77	0.225	1.43	0.158	1.01	1.20	0.247	No
573	11.44	190.45	105.36	85.09	0.77	0.225	1.43	0.158	1.01	1.20	0.247	No
574	11.46	190.78	105.56	85.22	0.77	0.225	1.43	0.157	1.01	1.20	0.247	No
575	11.48	191.10	105.75	85.35	0.77	0.225	1.43	0.157	1.01	1.20	0.247	No
576	11.50	191.43	105.95	85.48	0.77	0.225	1.43	0.157	1.01	1.20	0.247	No
577	11.52	191.76	106.14	85.61	0.77	0.225	1.43	0.157	1.01	1.20	0.247	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
578	11.54	192.09	106.34	85.75	0.77	0.225	1.43	0.157	1.01	1.20	0.246	No
579	11.56	192.42	106.54	85.89	0.77	0.224	1.43	0.157	1.01	1.20	0.246	No
580	11.58	192.76	106.73	86.02	0.77	0.224	1.43	0.157	1.01	1.20	0.245	No
581	11.60	193.09	106.93	86.16	0.77	0.224	1.43	0.157	1.01	1.20	0.245	No
582	11.62	193.42	107.13	86.29	0.77	0.224	1.43	0.157	1.01	1.20	0.245	No
583	11.64	193.75	107.32	86.43	0.77	0.224	1.43	0.157	1.01	1.20	0.245	No
584	11.66	194.08	107.52	86.56	0.77	0.224	1.43	0.157	1.01	1.20	0.245	No
585	11.68	194.41	107.71	86.69	0.77	0.224	1.43	0.157	1.01	1.20	0.245	No
586	11.70	194.74	107.91	86.83	0.77	0.224	1.43	0.157	1.01	1.20	0.245	No
587	11.72	195.07	108.11	86.96	0.77	0.224	1.43	0.156	1.01	1.20	0.245	No
588	11.74	195.40	108.30	87.10	0.77	0.223	1.43	0.156	1.01	1.20	0.245	No
589	11.76	195.73	108.50	87.23	0.77	0.223	1.43	0.156	1.01	1.20	0.245	No
590	11.78	196.06	108.69	87.37	0.77	0.223	1.43	0.156	1.01	1.20	0.245	No
591	11.80	196.40	108.89	87.51	0.76	0.223	1.43	0.156	1.01	1.20	0.245	No
592	11.82	196.74	109.09	87.65	0.76	0.223	1.43	0.156	1.01	1.20	0.244	No
593	11.84	197.07	109.28	87.79	0.76	0.223	1.43	0.156	1.01	1.20	0.244	No
594	11.86	197.41	109.48	87.93	0.76	0.223	1.43	0.156	1.01	1.20	0.244	No
595	11.88	197.74	109.68	88.07	0.76	0.223	1.43	0.156	1.01	1.20	0.244	No
596	11.90	198.08	109.87	88.21	0.76	0.223	1.43	0.156	1.01	1.20	0.244	No
597	11.92	198.42	110.07	88.35	0.76	0.222	1.43	0.156	1.01	1.20	0.244	No
598	11.94	198.77	110.26	88.50	0.76	0.222	1.43	0.156	1.01	1.20	0.243	No
599	11.96	199.11	110.46	88.65	0.76	0.222	1.43	0.156	1.01	1.20	0.243	No
600	11.98	199.47	110.66	88.81	0.76	0.222	1.43	0.155	1.01	1.20	0.242	No
601	12.00	199.82	110.85	88.97	0.76	0.222	1.43	0.155	1.01	1.20	0.242	No
602	12.02	200.18	111.05	89.13	0.76	0.222	1.43	0.155	1.01	1.20	0.242	No
603	12.04	200.53	111.25	89.29	0.76	0.222	1.43	0.155	1.01	1.20	0.241	No
604	12.06	200.89	111.44	89.45	0.76	0.221	1.43	0.155	1.01	1.20	0.241	No
605	12.08	201.25	111.64	89.61	0.76	0.221	1.43	0.155	1.01	1.20	0.241	No
606	12.10	201.60	111.83	89.77	0.76	0.221	1.43	0.155	1.01	1.20	0.241	No
607	12.12	201.96	112.03	89.93	0.76	0.221	1.43	0.155	1.01	1.20	0.241	No
608	12.14	202.32	112.23	90.09	0.76	0.221	1.43	0.155	1.01	1.20	0.241	No
609	12.16	202.67	112.42	90.25	0.76	0.221	1.43	0.155	1.01	1.20	0.242	No
610	12.18	203.02	112.62	90.40	0.76	0.221	1.43	0.154	1.01	1.20	0.242	No
611	12.20	203.37	112.81	90.55	0.76	0.221	1.43	0.154	1.01	1.20	0.242	No
612	12.22	203.71	113.01	90.70	0.75	0.220	1.43	0.154	1.01	1.20	0.242	No
613	12.24	204.06	113.21	90.85	0.75	0.220	1.43	0.154	1.01	1.20	0.241	No
614	12.26	204.41	113.40	91.01	0.75	0.220	1.43	0.154	1.01	1.20	0.241	No
615	12.28	204.76	113.60	91.16	0.75	0.220	1.43	0.154	1.01	1.20	0.240	No
616	12.30	205.11	113.80	91.32	0.75	0.220	1.43	0.154	1.01	1.20	0.239	No
617	12.32	205.47	113.99	91.48	0.75	0.220	1.43	0.154	1.01	1.20	0.239	No
618	12.34	205.83	114.19	91.64	0.75	0.220	1.43	0.154	1.01	1.20	0.238	No
619	12.36	206.20	114.38	91.81	0.75	0.219	1.43	0.154	1.01	1.20	0.238	No
620	12.38	206.56	114.58	91.98	0.75	0.219	1.43	0.153	1.01	1.20	0.238	No
621	12.40	206.93	114.78	92.16	0.75	0.219	1.43	0.153	1.01	1.20	0.237	No
622	12.42	207.30	114.97	92.33	0.75	0.219	1.43	0.153	1.01	1.20	0.237	No
623	12.44	207.67	115.17	92.50	0.75	0.219	1.43	0.153	1.01	1.20	0.237	No
624	12.46	208.04	115.37	92.68	0.75	0.219	1.43	0.153	1.01	1.20	0.237	No
625	12.48	208.41	115.56	92.85	0.75	0.218	1.43	0.153	1.01	1.20	0.238	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
626	12.50	208.77	115.76	93.01	0.75	0.218	1.43	0.153	1.01	1.20	0.238	No
627	12.52	209.13	115.95	93.18	0.75	0.218	1.43	0.153	1.01	1.20	0.239	No
628	12.54	209.49	116.15	93.34	0.75	0.218	1.43	0.153	1.01	1.20	0.239	No
629	12.56	209.85	116.35	93.50	0.75	0.218	1.43	0.153	1.01	1.20	0.239	No
630	12.58	210.21	116.54	93.66	0.75	0.218	1.43	0.152	1.01	1.20	0.239	No
631	12.60	210.56	116.74	93.82	0.75	0.218	1.43	0.152	1.01	1.20	0.239	No
632	12.62	210.92	116.94	93.99	0.75	0.217	1.43	0.152	1.01	1.20	0.239	No
633	12.64	211.28	117.13	94.15	0.74	0.217	1.43	0.152	1.01	1.20	0.238	No
634	12.66	211.64	117.33	94.31	0.74	0.217	1.43	0.152	1.01	1.20	0.238	No
635	12.68	212.00	117.52	94.48	0.74	0.217	1.43	0.152	1.01	1.20	0.237	No
636	12.70	212.37	117.72	94.65	0.74	0.217	1.43	0.152	1.01	1.20	0.236	No
637	12.72	212.74	117.92	94.82	0.74	0.217	1.43	0.152	1.01	1.20	0.236	No
638	12.74	213.11	118.11	95.00	0.74	0.217	1.43	0.152	1.01	1.20	0.236	No
639	12.76	213.48	118.31	95.17	0.74	0.216	1.43	0.151	1.01	1.20	0.236	No
640	12.78	213.85	118.50	95.35	0.74	0.216	1.43	0.151	1.01	1.20	0.236	No
641	12.80	214.22	118.70	95.52	0.74	0.216	1.43	0.151	1.01	1.20	0.236	No
642	12.82	214.58	118.90	95.69	0.74	0.216	1.43	0.151	1.01	1.20	0.236	No
643	12.84	214.95	119.09	95.85	0.74	0.216	1.43	0.151	1.00	1.20	0.237	No
644	12.86	215.31	119.29	96.02	0.74	0.216	1.43	0.151	1.00	1.20	0.237	No
645	12.88	215.66	119.49	96.18	0.74	0.216	1.43	0.151	1.00	1.20	0.238	No
646	12.90	216.01	119.68	96.33	0.74	0.215	1.43	0.151	1.00	1.20	0.238	No
647	12.92	216.37	119.88	96.49	0.74	0.215	1.43	0.151	1.00	1.20	0.238	No
648	12.94	216.72	120.07	96.64	0.74	0.215	1.43	0.151	1.00	1.20	0.238	No
649	12.96	217.07	120.27	96.80	0.74	0.215	1.43	0.150	1.00	1.20	0.237	No
650	12.98	217.42	120.47	96.95	0.74	0.215	1.43	0.150	1.00	1.20	0.237	No
651	13.00	217.77	120.66	97.11	0.74	0.215	1.43	0.150	1.00	1.20	0.237	No
652	13.02	218.12	120.86	97.26	0.74	0.215	1.43	0.150	1.00	1.20	0.237	No
653	13.04	218.47	121.06	97.42	0.74	0.214	1.43	0.150	1.00	1.20	0.236	No
654	13.06	218.82	121.25	97.57	0.74	0.214	1.43	0.150	1.00	1.20	0.236	No
655	13.08	219.17	121.45	97.73	0.73	0.214	1.43	0.150	1.00	1.20	0.236	No
656	13.10	219.52	121.64	97.88	0.73	0.214	1.43	0.150	1.00	1.20	0.236	No
657	13.12	219.86	121.84	98.02	0.73	0.214	1.43	0.150	1.00	1.20	0.237	No
658	13.14	220.20	122.04	98.17	0.73	0.214	1.43	0.150	1.00	1.20	0.237	No
659	13.16	220.54	122.23	98.31	0.73	0.214	1.43	0.150	1.00	1.20	0.237	No
660	13.18	220.87	122.43	98.44	0.73	0.214	1.43	0.150	1.00	1.20	0.237	No
661	13.20	221.20	122.63	98.57	0.73	0.214	1.43	0.149	1.00	1.20	0.237	No
662	13.22	221.53	122.82	98.71	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
663	13.24	221.86	123.02	98.84	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
664	13.26	222.18	123.21	98.97	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
665	13.28	222.51	123.41	99.10	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
666	13.30	222.84	123.61	99.23	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
667	13.32	223.17	123.80	99.36	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
668	13.34	223.49	124.00	99.49	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
669	13.36	223.82	124.19	99.62	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
670	13.38	224.14	124.39	99.75	0.73	0.213	1.43	0.149	1.00	1.20	0.237	No
671	13.40	224.47	124.59	99.89	0.73	0.212	1.43	0.149	1.00	1.20	0.237	No
672	13.42	224.80	124.78	100.02	0.73	0.212	1.43	0.149	1.00	1.20	0.236	No
673	13.44	225.13	124.98	100.15	0.73	0.212	1.43	0.149	1.00	1.20	0.236	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
674	13.46	225.46	125.18	100.29	0.73	0.212	1.43	0.148	1.00	1.20	0.236	No
675	13.48	225.80	125.37	100.42	0.73	0.212	1.43	0.148	1.00	1.20	0.236	No
676	13.50	226.13	125.57	100.56	0.72	0.212	1.43	0.148	1.00	1.20	0.236	No
677	13.52	226.46	125.76	100.70	0.72	0.212	1.43	0.148	1.00	1.20	0.236	No
678	13.54	226.80	125.96	100.84	0.72	0.212	1.43	0.148	1.00	1.20	0.236	No
679	13.56	227.13	126.16	100.97	0.72	0.212	1.43	0.148	1.00	1.20	0.235	No
680	13.58	227.46	126.35	101.11	0.72	0.211	1.43	0.148	1.00	1.20	0.235	No
681	13.60	227.80	126.55	101.25	0.72	0.211	1.43	0.148	1.00	1.20	0.235	No
682	13.62	228.14	126.75	101.40	0.72	0.211	1.43	0.148	1.00	1.20	0.235	No
683	13.64	228.48	126.94	101.54	0.72	0.211	1.43	0.148	1.00	1.20	0.234	No
684	13.66	228.83	127.14	101.69	0.72	0.211	1.43	0.148	1.00	1.20	0.234	No
685	13.68	229.18	127.33	101.84	0.72	0.211	1.43	0.148	1.00	1.20	0.234	No
686	13.70	229.53	127.53	102.00	0.72	0.211	1.43	0.147	1.00	1.20	0.233	No
687	13.72	229.88	127.73	102.15	0.72	0.211	1.43	0.147	1.00	1.20	0.233	No
688	13.74	230.24	127.92	102.31	0.72	0.210	1.43	0.147	1.00	1.20	0.233	No
689	13.76	230.59	128.12	102.47	0.72	0.210	1.43	0.147	1.00	1.20	0.232	No
690	13.78	230.95	128.31	102.64	0.72	0.210	1.43	0.147	1.00	1.20	0.232	No
691	13.80	231.31	128.51	102.80	0.72	0.210	1.43	0.147	1.00	1.20	0.232	No
692	13.82	231.67	128.71	102.96	0.72	0.210	1.43	0.147	1.00	1.20	0.232	No
693	13.84	232.03	128.90	103.13	0.72	0.210	1.43	0.147	1.00	1.20	0.232	No
694	13.86	232.39	129.10	103.29	0.72	0.210	1.43	0.147	1.00	1.20	0.232	No
695	13.88	232.75	129.30	103.46	0.72	0.209	1.43	0.147	1.00	1.20	0.231	No
696	13.90	233.11	129.49	103.62	0.72	0.209	1.43	0.147	1.00	1.20	0.231	No
697	13.92	233.47	129.69	103.78	0.72	0.209	1.43	0.146	1.00	1.20	0.231	No
698	13.94	233.83	129.88	103.95	0.71	0.209	1.43	0.146	1.00	1.20	0.231	No
699	13.96	234.20	130.08	104.11	0.71	0.209	1.43	0.146	1.00	1.20	0.231	No
700	13.98	234.56	130.28	104.28	0.71	0.209	1.43	0.146	1.00	1.20	0.231	No
701	14.00	234.92	130.47	104.45	0.71	0.209	1.43	0.146	1.00	1.20	0.231	No
702	14.02	235.28	130.67	104.62	0.71	0.208	1.43	0.146	1.00	1.20	0.230	No
703	14.04	235.65	130.87	104.78	0.71	0.208	1.43	0.146	1.00	1.20	0.230	No
704	14.06	236.01	131.06	104.95	0.71	0.208	1.43	0.146	1.00	1.20	0.230	No
705	14.08	236.38	131.26	105.12	0.71	0.208	1.43	0.146	1.00	1.20	0.229	No
706	14.10	236.75	131.45	105.29	0.71	0.208	1.43	0.146	1.00	1.20	0.229	No
707	14.12	237.11	131.65	105.46	0.71	0.208	1.43	0.145	1.00	1.20	0.229	No
708	14.14	237.48	131.85	105.63	0.71	0.208	1.43	0.145	1.00	1.20	0.229	No
709	14.16	237.84	132.04	105.80	0.71	0.207	1.43	0.145	1.00	1.20	0.230	No
710	14.18	238.21	132.24	105.97	0.71	0.207	1.43	0.145	1.00	1.20	0.230	No
711	14.20	238.57	132.44	106.14	0.71	0.207	1.43	0.145	1.00	1.20	0.230	No
712	14.22	238.93	132.63	106.30	0.71	0.207	1.43	0.145	1.00	1.20	0.231	No
713	14.24	239.29	132.83	106.46	0.71	0.207	1.43	0.145	1.00	1.20	0.231	No
714	14.26	239.64	133.02	106.62	0.71	0.207	1.43	0.145	1.00	1.20	0.231	No
715	14.28	240.00	133.22	106.78	0.71	0.207	1.43	0.145	1.00	1.20	0.231	No
716	14.30	240.35	133.42	106.93	0.71	0.206	1.43	0.145	1.00	1.20	0.230	No
717	14.32	240.70	133.61	107.09	0.71	0.206	1.43	0.144	1.00	1.20	0.230	No
718	14.34	241.05	133.81	107.24	0.71	0.206	1.43	0.144	1.00	1.20	0.230	No
719	14.36	241.40	134.00	107.40	0.71	0.206	1.43	0.144	1.00	1.20	0.230	No
720	14.38	241.76	134.20	107.56	0.70	0.206	1.43	0.144	1.00	1.20	0.230	No
721	14.40	242.11	134.40	107.71	0.70	0.206	1.43	0.144	0.99	1.20	0.230	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
722	14.42	242.46	134.59	107.87	0.70	0.206	1.43	0.144	0.99	1.20	0.230	No
723	14.44	242.81	134.79	108.02	0.70	0.206	1.43	0.144	0.99	1.20	0.230	No
724	14.46	243.16	134.99	108.18	0.70	0.205	1.43	0.144	0.99	1.20	0.230	No
725	14.48	243.51	135.18	108.33	0.70	0.205	1.43	0.144	0.99	1.20	0.230	No
726	14.50	243.86	135.38	108.49	0.70	0.205	1.43	0.144	0.99	1.20	0.230	No
727	14.52	244.22	135.57	108.64	0.70	0.205	1.43	0.144	0.99	1.20	0.230	No
728	14.54	244.57	135.77	108.80	0.70	0.205	1.43	0.143	0.99	1.20	0.230	No
729	14.56	244.92	135.97	108.95	0.70	0.205	1.43	0.143	0.99	1.20	0.230	No
730	14.58	245.27	136.16	109.11	0.70	0.205	1.43	0.143	0.99	1.20	0.229	No
731	14.60	245.62	136.36	109.26	0.70	0.205	1.43	0.143	0.99	1.20	0.229	No
732	14.62	245.97	136.56	109.42	0.70	0.204	1.43	0.143	0.99	1.20	0.229	No
733	14.64	246.32	136.75	109.57	0.70	0.204	1.43	0.143	0.99	1.20	0.229	No
734	14.66	246.68	136.95	109.73	0.70	0.204	1.43	0.143	0.99	1.20	0.229	No
735	14.68	247.03	137.14	109.89	0.70	0.204	1.43	0.143	0.99	1.20	0.229	No
736	14.70	247.39	137.34	110.05	0.70	0.204	1.43	0.143	0.99	1.20	0.229	No
737	14.72	247.74	137.54	110.20	0.70	0.204	1.43	0.143	0.99	1.20	0.229	No
738	14.74	248.10	137.73	110.36	0.70	0.204	1.43	0.143	0.99	1.20	0.229	No
739	14.76	248.45	137.93	110.52	0.70	0.203	1.43	0.142	0.99	1.20	0.228	No
740	14.78	248.80	138.12	110.68	0.70	0.203	1.43	0.142	0.99	1.20	0.228	No
741	14.80	249.16	138.32	110.84	0.70	0.203	1.43	0.142	0.99	1.20	0.228	No
742	14.82	249.51	138.52	111.00	0.69	0.203	1.43	0.142	0.99	1.20	0.228	No
743	14.84	249.87	138.71	111.15	0.69	0.203	1.43	0.142	0.99	1.20	0.228	No
744	14.86	250.22	138.91	111.31	0.69	0.203	1.43	0.142	0.99	1.20	0.228	No
745	14.88	250.58	139.11	111.47	0.69	0.203	1.43	0.142	0.99	1.20	0.228	No
746	14.90	250.93	139.30	111.63	0.69	0.203	1.43	0.142	0.99	1.20	0.228	No
747	14.92	251.29	139.50	111.79	0.69	0.202	1.43	0.142	0.99	1.20	0.227	No
748	14.94	251.65	139.69	111.95	0.69	0.202	1.43	0.142	0.99	1.20	0.227	No
749	14.96	252.00	139.89	112.11	0.69	0.202	1.43	0.142	0.99	1.20	0.227	No
750	14.98	252.36	140.09	112.27	0.69	0.202	1.43	0.141	0.99	1.20	0.227	No
751	15.00	252.72	140.28	112.43	0.69	0.202	1.43	0.141	0.99	1.20	0.227	No
752	15.02	253.07	140.48	112.59	0.69	0.202	1.43	0.141	0.99	1.20	0.227	No
753	15.04	253.43	140.68	112.76	0.69	0.202	1.43	0.141	0.99	1.20	0.226	No
754	15.06	253.79	140.87	112.92	0.69	0.201	1.43	0.141	0.99	1.20	0.226	No
755	15.08	254.15	141.07	113.08	0.69	0.201	1.43	0.141	0.99	1.20	0.226	No
756	15.10	254.50	141.26	113.24	0.69	0.201	1.43	0.141	0.99	1.20	0.226	No
757	15.12	254.86	141.46	113.40	0.69	0.201	1.43	0.141	0.99	1.20	0.226	No
758	15.14	255.22	141.66	113.56	0.69	0.201	1.43	0.141	0.99	1.20	0.226	No
759	15.16	255.58	141.85	113.72	0.69	0.201	1.43	0.141	0.99	1.20	0.225	No
760	15.18	255.93	142.05	113.89	0.69	0.201	1.43	0.140	0.99	1.20	0.225	No
761	15.20	256.29	142.25	114.05	0.69	0.201	1.43	0.140	0.99	1.20	0.225	No
762	15.22	256.65	142.44	114.20	0.69	0.200	1.43	0.140	0.99	1.20	0.225	No
763	15.24	257.00	142.64	114.36	0.69	0.200	1.43	0.140	0.99	1.20	0.225	No
764	15.26	257.36	142.83	114.52	0.69	0.200	1.43	0.140	0.99	1.20	0.225	No
765	15.28	257.71	143.03	114.68	0.68	0.200	1.43	0.140	0.99	1.20	0.225	No
766	15.30	258.07	143.23	114.84	0.68	0.200	1.43	0.140	0.99	1.20	0.224	No
767	15.32	258.42	143.42	115.00	0.68	0.200	1.43	0.140	0.99	1.20	0.224	No
768	15.34	258.78	143.62	115.16	0.68	0.200	1.43	0.140	0.99	1.20	0.224	No
769	15.36	259.13	143.81	115.32	0.68	0.200	1.43	0.140	0.99	1.20	0.224	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
770	15.38	259.49	144.01	115.48	0.68	0.199	1.43	0.140	0.99	1.20	0.224	No
771	15.40	259.85	144.21	115.64	0.68	0.199	1.43	0.139	0.99	1.20	0.224	No
772	15.42	260.20	144.40	115.80	0.68	0.199	1.43	0.139	0.99	1.20	0.224	No
773	15.44	260.55	144.60	115.95	0.68	0.199	1.43	0.139	0.99	1.20	0.224	No
774	15.46	260.90	144.80	116.11	0.68	0.199	1.43	0.139	0.99	1.20	0.224	No
775	15.48	261.25	144.99	116.26	0.68	0.199	1.43	0.139	0.99	1.20	0.224	No
776	15.50	261.60	145.19	116.41	0.68	0.199	1.43	0.139	0.99	1.20	0.224	No
777	15.52	261.94	145.38	116.56	0.68	0.199	1.43	0.139	0.99	1.20	0.224	No
778	15.54	262.28	145.58	116.70	0.68	0.198	1.43	0.139	0.99	1.20	0.224	No
779	15.56	262.62	145.78	116.85	0.68	0.198	1.43	0.139	0.99	1.20	0.224	No
780	15.58	262.96	145.97	116.98	0.68	0.198	1.43	0.139	0.99	1.20	0.224	No
781	15.60	263.29	146.17	117.12	0.68	0.198	1.43	0.139	0.99	1.20	0.224	No
782	15.62	263.61	146.37	117.25	0.68	0.198	1.43	0.139	0.99	1.20	0.224	No
783	15.64	263.94	146.56	117.37	0.68	0.198	1.43	0.139	0.99	1.20	0.223	No
784	15.66	264.25	146.76	117.50	0.68	0.198	1.43	0.138	0.99	1.20	0.224	No
785	15.68	264.57	146.95	117.62	0.68	0.198	1.43	0.138	0.99	1.20	0.224	No
786	15.70	264.89	147.15	117.74	0.68	0.198	1.43	0.138	0.99	1.20	0.224	No
787	15.72	265.21	147.35	117.86	0.68	0.197	1.43	0.138	0.99	1.20	0.224	No
788	15.74	265.52	147.54	117.98	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
789	15.76	265.84	147.74	118.10	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
790	15.78	266.16	147.93	118.23	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
791	15.80	266.48	148.13	118.35	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
792	15.82	266.80	148.33	118.48	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
793	15.84	267.13	148.52	118.60	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
794	15.86	267.45	148.72	118.73	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
795	15.88	267.78	148.92	118.86	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
796	15.90	268.10	149.11	118.99	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
797	15.92	268.43	149.31	119.12	0.67	0.197	1.43	0.138	0.99	1.20	0.223	No
798	15.94	268.75	149.50	119.25	0.67	0.196	1.43	0.137	0.99	1.20	0.222	No
799	15.96	269.08	149.70	119.37	0.67	0.196	1.43	0.137	0.99	1.20	0.222	No
800	15.98	269.40	149.90	119.51	0.67	0.196	1.43	0.137	0.99	1.20	0.222	No
801	16.00	269.73	150.09	119.64	0.67	0.196	1.43	0.137	0.99	1.20	0.222	No
802	16.02	270.06	150.29	119.77	0.67	0.196	1.43	0.137	0.99	1.20	0.222	No
803	16.04	270.39	150.49	119.91	0.67	0.196	1.43	0.137	0.99	1.20	0.221	No
804	16.06	270.73	150.68	120.05	0.67	0.196	1.43	0.137	0.99	1.20	0.221	No
805	16.08	271.07	150.88	120.19	0.67	0.196	1.43	0.137	0.99	1.20	0.221	No
806	16.10	271.41	151.07	120.34	0.67	0.196	1.43	0.137	0.99	1.20	0.221	No
807	16.12	271.76	151.27	120.49	0.67	0.195	1.43	0.137	0.99	1.20	0.220	No
808	16.14	272.11	151.47	120.64	0.67	0.195	1.43	0.137	0.98	1.20	0.218	No
809	16.16	272.46	151.66	120.80	0.67	0.195	1.43	0.137	0.98	1.20	0.216	No
810	16.18	272.81	151.86	120.95	0.67	0.195	1.43	0.137	0.98	1.20	0.215	No
811	16.20	273.16	152.06	121.11	0.66	0.195	1.43	0.136	0.98	1.20	0.215	No
812	16.22	273.52	152.25	121.26	0.66	0.195	1.43	0.136	0.98	1.20	0.215	No
813	16.24	273.87	152.45	121.42	0.66	0.195	1.43	0.136	0.98	1.20	0.215	No
814	16.26	274.22	152.64	121.58	0.66	0.195	1.43	0.136	0.98	1.20	0.214	No
815	16.28	274.58	152.84	121.74	0.66	0.194	1.43	0.136	0.98	1.20	0.213	No
816	16.30	274.93	153.04	121.90	0.66	0.194	1.43	0.136	0.98	1.20	0.211	No
817	16.32	275.29	153.23	122.05	0.66	0.194	1.43	0.136	0.98	1.20	0.211	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
818	16.34	275.65	153.43	122.22	0.66	0.194	1.43	0.136	0.98	1.20	0.209	No
819	16.36	276.01	153.62	122.38	0.66	0.194	1.43	0.136	0.98	1.20	0.208	No
820	16.38	276.37	153.82	122.55	0.66	0.194	1.43	0.136	0.98	1.20	0.207	No
821	16.40	276.74	154.02	122.72	0.66	0.194	1.43	0.136	0.98	1.20	0.206	No
822	16.42	277.10	154.21	122.89	0.66	0.194	1.43	0.135	0.98	1.20	0.208	No
823	16.44	277.46	154.41	123.05	0.66	0.193	1.43	0.135	0.98	1.20	0.212	No
824	16.46	277.81	154.61	123.21	0.66	0.193	1.43	0.135	0.98	1.20	0.215	No
825	16.48	278.17	154.80	123.37	0.66	0.193	1.43	0.135	0.98	1.20	0.216	No
826	16.50	278.52	155.00	123.52	0.66	0.193	1.43	0.135	0.98	1.20	0.215	No
827	16.52	278.88	155.19	123.68	0.66	0.193	1.43	0.135	0.98	1.20	0.214	No
828	16.54	279.23	155.39	123.84	0.66	0.193	1.43	0.135	0.98	1.20	0.212	No
829	16.56	279.59	155.59	124.01	0.66	0.193	1.43	0.135	0.98	1.20	0.209	No
830	16.58	279.96	155.78	124.17	0.66	0.193	1.43	0.135	0.98	1.20	0.206	No
831	16.60	280.32	155.98	124.34	0.66	0.192	1.43	0.135	0.98	1.20	0.206	No
832	16.62	280.68	156.18	124.51	0.66	0.192	1.43	0.135	0.98	1.20	0.205	No
833	16.64	281.05	156.37	124.68	0.66	0.192	1.43	0.134	0.98	1.20	0.205	No
834	16.66	281.41	156.57	124.85	0.66	0.192	1.43	0.134	0.98	1.20	0.204	No
835	16.68	281.78	156.76	125.02	0.65	0.192	1.43	0.134	0.98	1.20	0.203	No
836	16.70	282.15	156.96	125.19	0.65	0.192	1.43	0.134	0.98	1.20	0.202	No
837	16.72	282.52	157.16	125.37	0.65	0.192	1.43	0.134	0.98	1.20	0.201	No
838	16.74	282.89	157.35	125.54	0.65	0.191	1.43	0.134	0.98	1.20	0.201	No
839	16.76	283.27	157.55	125.72	0.65	0.191	1.43	0.134	0.98	1.20	0.203	No
840	16.78	283.64	157.74	125.89	0.65	0.191	1.43	0.134	0.98	1.20	0.203	No
841	16.80	284.01	157.94	126.07	0.65	0.191	1.43	0.134	0.98	1.20	0.203	No
842	16.82	284.38	158.14	126.24	0.65	0.191	1.43	0.134	0.98	1.20	0.203	No
843	16.84	284.75	158.33	126.41	0.65	0.191	1.43	0.134	0.98	1.20	0.204	No
844	16.86	285.12	158.53	126.59	0.65	0.191	1.43	0.133	0.97	1.20	0.199	No
845	16.88	285.49	158.73	126.76	0.65	0.190	1.43	0.133	0.97	1.20	0.200	No
846	16.90	285.85	158.92	126.93	0.65	0.190	1.43	0.133	0.98	1.20	0.204	No
847	16.92	286.21	159.12	127.10	0.65	0.190	1.43	0.133	0.98	1.20	0.208	No
848	16.94	286.57	159.31	127.26	0.65	0.190	1.43	0.133	0.98	1.20	0.211	No
849	16.96	286.93	159.51	127.42	0.65	0.190	1.43	0.133	0.98	1.20	0.213	No
850	16.98	287.29	159.71	127.59	0.65	0.190	1.43	0.133	0.98	1.20	0.213	No
851	17.00	287.65	159.90	127.75	0.65	0.190	1.43	0.133	0.98	1.20	0.213	No
852	17.02	288.01	160.10	127.91	0.65	0.190	1.43	0.133	0.98	1.20	0.213	No
853	17.04	288.36	160.30	128.07	0.65	0.189	1.43	0.133	0.98	1.20	0.212	No
854	17.06	288.72	160.49	128.23	0.65	0.189	1.43	0.133	0.98	1.20	0.213	No
855	17.08	289.07	160.69	128.38	0.65	0.189	1.43	0.132	0.98	1.20	0.213	No
856	17.10	289.42	160.88	128.54	0.65	0.189	1.43	0.132	0.98	1.20	0.214	No
857	17.12	289.77	161.08	128.69	0.65	0.189	1.43	0.132	0.98	1.20	0.214	No
858	17.14	290.12	161.28	128.84	0.65	0.189	1.43	0.132	0.98	1.20	0.214	No
859	17.16	290.47	161.47	129.00	0.64	0.189	1.43	0.132	0.98	1.20	0.214	No
860	17.18	290.81	161.67	129.15	0.64	0.189	1.43	0.132	0.98	1.20	0.214	No
861	17.20	291.16	161.87	129.29	0.64	0.189	1.43	0.132	0.98	1.20	0.214	No
862	17.22	291.50	162.06	129.44	0.64	0.188	1.43	0.132	0.98	1.20	0.214	No
863	17.24	291.85	162.26	129.59	0.64	0.188	1.43	0.132	0.98	1.20	0.213	No
864	17.26	292.19	162.45	129.74	0.64	0.188	1.43	0.132	0.98	1.20	0.213	No
865	17.28	292.54	162.65	129.89	0.64	0.188	1.43	0.132	0.98	1.20	0.213	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
866	17.30	292.89	162.85	130.04	0.64	0.188	1.43	0.132	0.98	1.20	0.213	No
867	17.32	293.24	163.04	130.19	0.64	0.188	1.43	0.131	0.98	1.20	0.213	No
868	17.34	293.58	163.24	130.35	0.64	0.188	1.43	0.131	0.98	1.20	0.213	No
869	17.36	293.93	163.43	130.50	0.64	0.188	1.43	0.131	0.98	1.20	0.213	No
870	17.38	294.28	163.63	130.65	0.64	0.188	1.43	0.131	0.98	1.20	0.213	No
871	17.40	294.62	163.83	130.80	0.64	0.187	1.43	0.131	0.98	1.20	0.213	No
872	17.42	294.97	164.02	130.95	0.64	0.187	1.43	0.131	0.98	1.20	0.213	No
873	17.44	295.32	164.22	131.10	0.64	0.187	1.43	0.131	0.98	1.20	0.213	No
874	17.46	295.67	164.42	131.25	0.64	0.187	1.43	0.131	0.98	1.20	0.213	No
875	17.48	296.01	164.61	131.40	0.64	0.187	1.43	0.131	0.98	1.20	0.213	No
876	17.50	296.36	164.81	131.55	0.64	0.187	1.43	0.131	0.98	1.20	0.213	No
877	17.52	296.71	165.00	131.70	0.64	0.187	1.43	0.131	0.98	1.20	0.213	No
878	17.54	297.05	165.20	131.85	0.64	0.187	1.43	0.131	0.98	1.20	0.212	No
879	17.56	297.40	165.40	132.00	0.64	0.186	1.43	0.131	0.98	1.20	0.212	No
880	17.58	297.74	165.59	132.15	0.64	0.186	1.43	0.130	0.98	1.20	0.212	No
881	17.60	298.08	165.79	132.29	0.64	0.186	1.43	0.130	0.98	1.20	0.212	No
882	17.62	298.42	165.99	132.44	0.64	0.186	1.43	0.130	0.98	1.20	0.212	No
883	17.64	298.77	166.18	132.58	0.64	0.186	1.43	0.130	0.98	1.20	0.212	No
884	17.66	299.11	166.38	132.73	0.63	0.186	1.43	0.130	0.98	1.20	0.212	No
885	17.68	299.45	166.57	132.87	0.63	0.186	1.43	0.130	0.98	1.20	0.212	No
886	17.70	299.79	166.77	133.02	0.63	0.186	1.43	0.130	0.98	1.20	0.212	No
887	17.72	300.13	166.97	133.16	0.63	0.186	1.43	0.130	0.98	1.20	0.212	No
888	17.74	300.47	167.16	133.31	0.63	0.186	1.43	0.130	0.98	1.20	0.212	No
889	17.76	300.81	167.36	133.45	0.63	0.185	1.43	0.130	0.98	1.20	0.212	No
890	17.78	301.15	167.55	133.60	0.63	0.185	1.43	0.130	0.98	1.20	0.211	No
891	17.80	301.49	167.75	133.74	0.63	0.185	1.43	0.130	0.98	1.20	0.211	No
892	17.82	301.83	167.95	133.89	0.63	0.185	1.43	0.130	0.98	1.20	0.211	No
893	17.84	302.18	168.14	134.03	0.63	0.185	1.43	0.129	0.98	1.20	0.211	No
894	17.86	302.52	168.34	134.18	0.63	0.185	1.43	0.129	0.98	1.20	0.211	No
895	17.88	302.86	168.54	134.33	0.63	0.185	1.43	0.129	0.98	1.20	0.211	No
896	17.90	303.21	168.73	134.47	0.63	0.185	1.43	0.129	0.98	1.20	0.211	No
897	17.92	303.55	168.93	134.62	0.63	0.185	1.43	0.129	0.98	1.20	0.211	No
898	17.94	303.90	169.12	134.77	0.63	0.184	1.43	0.129	0.98	1.20	0.210	No
899	17.96	304.25	169.32	134.93	0.63	0.184	1.43	0.129	0.98	1.20	0.210	No
900	17.98	304.60	169.52	135.08	0.63	0.184	1.43	0.129	0.98	1.20	0.210	No
901	18.00	304.95	169.71	135.23	0.63	0.184	1.43	0.129	0.98	1.20	0.210	No
902	18.02	305.29	169.91	135.38	0.63	0.184	1.43	0.129	0.98	1.20	0.210	No
903	18.04	305.64	170.11	135.53	0.63	0.184	1.43	0.129	0.98	1.20	0.210	No
904	18.06	305.99	170.30	135.68	0.63	0.184	1.43	0.129	0.98	1.20	0.210	No
905	18.08	306.33	170.50	135.83	0.63	0.184	1.43	0.129	0.98	1.20	0.210	No
906	18.10	306.68	170.69	135.98	0.63	0.184	1.43	0.128	0.98	1.20	0.210	No
907	18.12	307.02	170.89	136.13	0.63	0.183	1.43	0.128	0.98	1.20	0.210	No
908	18.14	307.36	171.09	136.28	0.63	0.183	1.43	0.128	0.98	1.20	0.209	No
909	18.16	307.71	171.28	136.43	0.62	0.183	1.43	0.128	0.98	1.20	0.209	No
910	18.18	308.06	171.48	136.58	0.62	0.183	1.43	0.128	0.98	1.20	0.209	No
911	18.20	308.40	171.68	136.73	0.62	0.183	1.43	0.128	0.97	1.20	0.209	No
912	18.22	308.75	171.87	136.88	0.62	0.183	1.43	0.128	0.97	1.20	0.209	No
913	18.24	309.10	172.07	137.04	0.62	0.183	1.43	0.128	0.97	1.20	0.209	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
914	18.26	309.45	172.26	137.19	0.62	0.183	1.43	0.128	0.97	1.20	0.209	No
915	18.28	309.80	172.46	137.34	0.62	0.183	1.43	0.128	0.97	1.20	0.208	No
916	18.30	310.15	172.66	137.50	0.62	0.182	1.43	0.128	0.97	1.20	0.208	No
917	18.32	310.50	172.85	137.65	0.62	0.182	1.43	0.128	0.97	1.20	0.208	No
918	18.34	310.85	173.05	137.80	0.62	0.182	1.43	0.128	0.97	1.20	0.208	No
919	18.36	311.20	173.24	137.96	0.62	0.182	1.43	0.127	0.97	1.20	0.208	No
920	18.38	311.55	173.44	138.11	0.62	0.182	1.43	0.127	0.97	1.20	0.208	No
921	18.40	311.90	173.64	138.27	0.62	0.182	1.43	0.127	0.97	1.20	0.208	No
922	18.42	312.25	173.83	138.42	0.62	0.182	1.43	0.127	0.97	1.20	0.208	No
923	18.44	312.60	174.03	138.57	0.62	0.182	1.43	0.127	0.97	1.20	0.207	No
924	18.46	312.96	174.23	138.73	0.62	0.182	1.43	0.127	0.97	1.20	0.207	No
925	18.48	313.31	174.42	138.89	0.62	0.181	1.43	0.127	0.97	1.20	0.207	No
926	18.50	313.66	174.62	139.04	0.62	0.181	1.43	0.127	0.97	1.20	0.207	No
927	18.52	314.01	174.81	139.20	0.62	0.181	1.43	0.127	0.97	1.20	0.207	No
928	18.54	314.37	175.01	139.36	0.62	0.181	1.43	0.127	0.97	1.20	0.207	No
929	18.56	314.73	175.21	139.52	0.62	0.181	1.43	0.127	0.97	1.20	0.207	No
930	18.58	315.08	175.40	139.68	0.62	0.181	1.43	0.127	0.97	1.20	0.206	No
931	18.60	315.44	175.60	139.84	0.62	0.181	1.43	0.127	0.97	1.20	0.206	No
932	18.62	315.80	175.80	140.01	0.62	0.181	1.43	0.126	0.97	1.20	0.206	No
933	18.64	316.16	175.99	140.17	0.62	0.181	1.43	0.126	0.97	1.20	0.206	No
934	18.66	316.52	176.19	140.33	0.62	0.180	1.43	0.126	0.97	1.20	0.206	No
935	18.68	316.87	176.38	140.49	0.61	0.180	1.43	0.126	0.97	1.20	0.206	No
936	18.70	317.22	176.58	140.64	0.61	0.180	1.43	0.126	0.97	1.20	0.206	No
937	18.72	317.58	176.78	140.80	0.61	0.180	1.43	0.126	0.97	1.20	0.206	No
938	18.74	317.93	176.97	140.95	0.61	0.180	1.43	0.126	0.97	1.20	0.206	No
939	18.76	318.28	177.17	141.11	0.61	0.180	1.43	0.126	0.97	1.20	0.206	No
940	18.78	318.62	177.36	141.26	0.61	0.180	1.43	0.126	0.97	1.20	0.205	No
941	18.80	318.97	177.56	141.41	0.61	0.180	1.43	0.126	0.97	1.20	0.204	No
942	18.82	319.31	177.76	141.56	0.61	0.180	1.43	0.126	0.97	1.20	0.204	No
943	18.84	319.66	177.95	141.70	0.61	0.179	1.43	0.126	0.97	1.20	0.204	No
944	18.86	320.00	178.15	141.85	0.61	0.179	1.43	0.126	0.97	1.20	0.204	No
945	18.88	320.34	178.35	142.00	0.61	0.179	1.43	0.125	0.97	1.20	0.204	No
946	18.90	320.69	178.54	142.15	0.61	0.179	1.43	0.125	0.97	1.20	0.204	No
947	18.92	321.03	178.74	142.29	0.61	0.179	1.43	0.125	0.97	1.20	0.204	No
948	18.94	321.38	178.93	142.44	0.61	0.179	1.43	0.125	0.97	1.20	0.204	No
949	18.96	321.73	179.13	142.60	0.61	0.179	1.43	0.125	0.97	1.20	0.203	No
950	18.98	322.08	179.33	142.76	0.61	0.179	1.43	0.125	0.97	1.20	0.203	No
951	19.00	322.44	179.52	142.92	0.61	0.179	1.43	0.125	0.97	1.20	0.203	No
952	19.02	322.80	179.72	143.08	0.61	0.178	1.43	0.125	0.97	1.20	0.203	No
953	19.04	323.15	179.92	143.24	0.61	0.178	1.43	0.125	0.97	1.20	0.203	No
954	19.06	323.51	180.11	143.40	0.61	0.178	1.43	0.125	0.97	1.20	0.203	No
955	19.08	323.86	180.31	143.55	0.61	0.178	1.43	0.125	0.97	1.20	0.203	No
956	19.10	324.21	180.50	143.71	0.61	0.178	1.43	0.125	0.97	1.20	0.203	No
957	19.12	324.57	180.70	143.87	0.61	0.178	1.43	0.125	0.97	1.20	0.204	No
958	19.14	324.92	180.90	144.02	0.61	0.178	1.43	0.124	0.97	1.20	0.203	No
959	19.16	325.26	181.09	144.17	0.61	0.178	1.43	0.124	0.97	1.20	0.203	No
960	19.18	325.61	181.29	144.32	0.61	0.178	1.43	0.124	0.97	1.20	0.203	No
961	19.20	325.96	181.49	144.47	0.61	0.177	1.43	0.124	0.97	1.20	0.203	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
962	19.22	326.30	181.68	144.62	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
963	19.24	326.65	181.88	144.77	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
964	19.26	326.99	182.07	144.92	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
965	19.28	327.34	182.27	145.07	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
966	19.30	327.68	182.47	145.21	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
967	19.32	328.02	182.66	145.36	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
968	19.34	328.36	182.86	145.51	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
969	19.36	328.70	183.05	145.65	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
970	19.38	329.04	183.25	145.79	0.60	0.177	1.43	0.124	0.97	1.20	0.203	No
971	19.40	329.37	183.45	145.92	0.60	0.176	1.43	0.124	0.97	1.20	0.203	No
972	19.42	329.70	183.64	146.06	0.60	0.176	1.43	0.123	0.97	1.20	0.203	No
973	19.44	330.03	183.84	146.20	0.60	0.176	1.43	0.123	0.97	1.20	0.203	No
974	19.46	330.37	184.04	146.33	0.60	0.176	1.43	0.123	0.97	1.20	0.203	No
975	19.48	330.70	184.23	146.47	0.60	0.176	1.43	0.123	0.97	1.20	0.203	No
976	19.50	331.04	184.43	146.61	0.60	0.176	1.43	0.123	0.97	1.20	0.203	No
977	19.52	331.37	184.62	146.75	0.60	0.176	1.43	0.123	0.97	1.20	0.202	No
978	19.54	331.72	184.82	146.90	0.60	0.176	1.43	0.123	0.97	1.20	0.202	No
979	19.56	332.06	185.02	147.04	0.60	0.176	1.43	0.123	0.97	1.20	0.202	No
980	19.58	332.41	185.21	147.19	0.60	0.176	1.43	0.123	0.97	1.20	0.202	No
981	19.60	332.76	185.41	147.35	0.60	0.176	1.43	0.123	0.97	1.20	0.202	No
982	19.62	333.11	185.61	147.50	0.60	0.175	1.43	0.123	0.97	1.20	0.202	No
983	19.64	333.46	185.80	147.66	0.60	0.175	1.43	0.123	0.97	1.20	0.202	No
984	19.66	333.82	186.00	147.82	0.60	0.175	1.43	0.123	0.97	1.20	0.201	No
985	19.68	334.18	186.19	147.98	0.60	0.175	1.43	0.123	0.97	1.20	0.201	No
986	19.70	334.53	186.39	148.14	0.60	0.175	1.43	0.122	0.97	1.20	0.201	No
987	19.72	334.89	186.59	148.31	0.60	0.175	1.43	0.122	0.97	1.20	0.201	No
988	19.74	335.25	186.78	148.47	0.60	0.175	1.43	0.122	0.97	1.20	0.201	No
989	19.76	335.61	186.98	148.63	0.59	0.175	1.43	0.122	0.97	1.20	0.201	No
990	19.78	335.97	187.17	148.80	0.59	0.175	1.43	0.122	0.97	1.20	0.200	No
991	19.80	336.33	187.37	148.96	0.59	0.174	1.43	0.122	0.97	1.20	0.200	No
992	19.82	336.69	187.57	149.13	0.59	0.174	1.43	0.122	0.97	1.20	0.200	No
993	19.84	337.06	187.76	149.29	0.59	0.174	1.43	0.122	0.97	1.20	0.200	No
994	19.86	337.42	187.96	149.46	0.59	0.174	1.43	0.122	0.97	1.20	0.200	No
995	19.88	337.79	188.16	149.63	0.59	0.174	1.43	0.122	0.97	1.20	0.199	No
996	19.90	338.15	188.35	149.80	0.59	0.174	1.43	0.122	0.97	1.20	0.199	No
997	19.92	338.52	188.55	149.97	0.59	0.174	1.43	0.122	0.97	1.20	0.199	No

Abbreviations

Depth:	Depth from free surface, at which CPT was performed (m)
σ_v :	Total overburden pressure at test point (KPa)
u_0 :	Water pressure at test point (KPa)
σ_v' :	Effective overburden pressure based on GWT during earthquake (KPa)
r_d :	Nonlinear shear mass factor
CSR:	Cyclic Stress Ratio
MSF:	Magnitude Scaling Factor
CSR _{eq} :	CSR adjusted for M=7.5
K_σ :	Effective overburden stress factor
CSR*:	CSR fully adjusted

:: Cyclic Resistance Ratio (CRR) calculation data ::													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
2	0.02	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
3	0.04	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
4	0.06	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
5	0.08	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
6	0.10	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
7	0.12	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
8	0.14	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
9	0.16	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
10	0.18	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
11	0.20	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
12	0.22	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
13	0.24	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
14	0.26	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
15	0.28	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
16	0.30	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
17	0.32	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
18	0.34	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
19	0.36	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
20	0.38	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
21	0.40	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
22	0.42	0.01	100.00	4.06	0.62	1.70	0.19	0.00	0.19	4.000	No	Yes	2.00
23	0.44	0.01	100.00	4.06	0.62	1.70	0.20	0.00	0.20	4.000	No	Yes	2.00
24	0.46	0.02	100.00	4.06	0.62	1.70	0.24	0.00	0.24	4.000	No	Yes	2.00
25	0.48	0.02	100.00	4.06	0.62	1.70	0.32	0.00	0.32	4.000	No	Yes	2.00
26	0.50	0.03	100.00	4.06	0.62	1.70	0.46	0.00	0.46	4.000	No	Yes	2.00
27	0.52	0.05	100.00	4.06	0.62	1.70	0.76	0.00	0.76	4.000	No	Yes	2.00
28	0.54	0.09	100.00	4.06	0.62	1.70	1.35	0.00	1.35	4.000	No	Yes	2.00
29	0.56	0.18	100.00	3.82	0.61	1.70	2.53	0.00	2.53	4.000	No	Yes	2.00
30	0.58	0.34	100.00	3.45	0.60	1.70	4.89	0.00	4.89	4.000	No	Yes	2.00
31	0.60	0.68	100.00	3.07	0.58	1.70	9.60	0.00	9.60	4.000	No	Yes	2.00
32	0.62	0.92	96.64	2.92	0.55	1.70	19.04	0.00	19.04	4.000	No	Yes	2.00
33	0.64	1.06	91.57	2.86	0.56	1.70	16.70	0.00	16.70	4.000	No	Yes	2.00
34	0.66	0.95	97.79	2.93	0.56	1.70	16.35	0.00	16.35	4.000	No	Yes	2.00
35	0.68	0.89	100.00	2.98	0.57	1.70	13.93	0.00	13.93	4.000	No	Yes	2.00
36	0.70	0.83	100.00	3.03	0.57	1.70	13.71	0.00	13.71	4.000	No	Yes	2.00
37	0.72	0.81	100.00	3.05	0.57	1.70	13.49	0.00	13.49	4.000	No	Yes	2.00
38	0.74	0.78	100.00	3.08	0.57	1.70	13.02	0.00	13.02	4.000	No	Yes	2.00
39	0.76	0.74	100.00	3.10	0.57	1.70	12.00	0.00	12.00	4.000	No	Yes	2.00
40	0.78	0.69	100.00	3.13	0.58	1.70	11.42	0.00	11.42	4.000	No	Yes	2.00
41	0.80	0.64	100.00	3.15	0.58	1.70	10.53	0.00	10.53	4.000	No	Yes	2.00
42	0.82	0.60	100.00	3.17	0.58	1.70	9.96	0.00	9.96	4.000	No	Yes	2.00
43	0.84	0.57	100.00	3.19	0.59	1.70	9.27	0.00	9.27	4.000	No	Yes	2.00
44	0.86	0.55	100.00	3.20	0.59	1.70	8.94	0.00	8.94	4.000	No	Yes	2.00
45	0.88	0.53	100.00	3.20	0.59	1.70	8.98	0.00	8.98	4.000	No	Yes	2.00
46	0.90	0.52	100.00	3.20	0.59	1.70	8.39	0.00	8.39	4.000	No	Yes	2.00
47	0.92	0.51	100.00	3.20	0.59	1.70	8.39	0.00	8.39	4.000	No	Yes	2.00
48	0.94	0.51	100.00	3.19	0.59	1.70	8.39	0.00	8.39	4.000	No	Yes	2.00
49	0.96	0.51	100.00	3.19	0.59	1.70	8.41	0.00	8.41	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
50	0.98	0.52	100.00	3.17	0.59	1.70	8.50	0.00	8.50	4.000	No	Yes	2.00
51	1.00	0.54	100.00	3.16	0.59	1.70	8.90	0.00	8.90	4.000	No	Yes	2.00
52	1.02	0.57	100.00	3.14	0.59	1.70	9.16	0.00	9.16	4.000	No	Yes	2.00
53	1.04	0.62	100.00	3.12	0.58	1.70	10.21	0.00	10.21	4.000	No	Yes	2.00
54	1.06	0.71	100.00	3.06	0.58	1.70	11.09	0.00	11.09	4.000	No	Yes	2.00
55	1.08	0.77	100.00	3.01	0.57	1.70	13.76	0.00	13.76	4.000	No	Yes	2.00
56	1.10	0.81	100.00	2.97	0.57	1.70	13.37	0.00	13.37	4.000	No	Yes	2.00
57	1.12	0.80	100.00	2.97	0.57	1.70	13.21	0.00	13.21	4.000	No	Yes	2.00
58	1.14	0.80	99.94	2.96	0.57	1.70	13.21	0.00	13.21	4.000	No	Yes	2.00
59	1.16	0.80	99.58	2.96	0.57	1.70	13.22	0.00	13.22	4.000	No	Yes	2.00
60	1.18	0.80	99.40	2.96	0.57	1.70	13.23	0.00	13.23	4.000	No	Yes	2.00
61	1.20	0.82	98.63	2.95	0.57	1.70	13.36	0.00	13.36	4.000	No	Yes	2.00
62	1.22	0.86	96.59	2.92	0.57	1.70	13.89	0.00	13.89	4.000	No	Yes	2.00
63	1.24	0.91	95.71	2.91	0.56	1.70	15.28	0.00	15.28	4.000	No	Yes	2.00
64	1.26	1.01	94.24	2.89	0.56	1.70	15.99	0.00	15.99	4.000	No	Yes	2.00
65	1.28	1.13	93.29	2.88	0.55	1.70	18.68	0.00	18.68	4.000	No	Yes	2.00
66	1.30	1.25	92.05	2.86	0.54	1.70	21.01	0.00	21.01	4.000	No	Yes	2.00
67	1.32	1.32	92.08	2.86	0.54	1.70	21.88	0.00	21.88	4.000	No	Yes	2.00
68	1.34	1.35	92.92	2.87	0.54	1.70	22.55	0.00	22.55	4.000	No	Yes	2.00
69	1.36	1.37	93.10	2.88	0.54	1.70	22.44	0.00	22.44	4.000	No	Yes	2.00
70	1.38	1.38	92.97	2.87	0.54	1.70	22.88	0.00	22.88	4.000	No	Yes	2.00
71	1.40	1.40	92.29	2.87	0.54	1.70	23.12	0.00	23.12	4.000	No	Yes	2.00
72	1.42	1.41	92.58	2.87	0.54	1.70	23.60	0.00	23.60	4.000	No	Yes	2.00
73	1.44	1.38	94.04	2.89	0.54	1.70	23.28	0.00	23.28	4.000	No	Yes	2.00
74	1.46	1.30	96.83	2.92	0.54	1.70	21.62	0.00	21.62	4.000	No	Yes	2.00
75	1.48	1.22	99.86	2.96	0.55	1.70	20.00	0.00	20.00	4.000	No	Yes	2.00
76	1.50	1.12	100.00	3.00	0.55	1.70	18.93	0.00	18.93	4.000	No	Yes	2.00
77	1.52	1.03	100.00	3.04	0.56	1.70	16.91	0.00	16.91	4.000	No	Yes	2.00
78	1.54	0.93	100.00	3.08	0.56	1.70	15.17	0.00	15.17	4.000	No	Yes	2.00
79	1.56	0.85	100.00	3.10	0.57	1.70	13.98	0.00	13.98	4.000	No	Yes	2.00
80	1.58	0.81	100.00	3.10	0.57	1.70	13.10	0.00	13.10	4.000	No	Yes	2.00
81	1.60	0.79	100.00	3.09	0.57	1.70	13.06	0.00	13.06	4.000	No	Yes	2.00
82	1.62	0.79	100.00	3.07	0.57	1.70	13.06	0.00	13.06	4.000	No	Yes	2.00
83	1.64	0.79	100.00	3.03	0.57	1.70	13.06	0.00	13.06	4.000	No	Yes	2.00
84	1.66	0.98	91.65	2.86	0.57	1.70	13.07	0.00	13.07	4.000	No	Yes	2.00
85	1.68	1.44	69.61	2.58	0.55	1.70	22.31	57.04	79.36	0.115	No	No	0.58
86	1.70	2.14	47.12	2.30	0.52	1.70	36.27	54.41	90.68	0.126	No	No	0.65
87	1.72	2.80	30.56	2.09	0.51	1.70	48.09	45.62	93.72	0.130	No	No	0.67
88	1.74	3.26	19.61	1.96	0.53	1.70	55.52	30.18	85.70	0.121	No	No	0.61
89	1.76	3.48	12.86	1.87	0.57	1.70	58.92	13.87	72.79	0.110	No	No	0.54
90	1.78	3.51	9.78	1.83	0.59	1.70	59.35	6.06	65.41	0.104	No	No	0.50
91	1.80	3.40	8.22	1.82	0.60	1.70	56.97	2.95	59.93	0.100	No	No	0.48
92	1.82	3.23	8.31	1.82	0.62	1.70	53.53	3.05	56.58	0.097	No	No	0.46
93	1.84	3.05	8.97	1.82	0.62	1.70	50.91	4.19	55.10	0.096	No	No	0.46
94	1.86	2.88	9.80	1.84	0.62	1.70	48.38	5.81	54.20	0.095	No	No	0.45
95	1.88	2.68	11.78	1.86	0.62	1.70	44.79	10.31	55.09	0.096	No	No	0.45
96	1.90	2.46	14.73	1.90	0.61	1.70	40.87	17.41	58.29	0.098	No	No	0.46
97	1.92	2.26	18.19	1.94	0.60	1.70	37.27	24.91	62.19	0.101	No	No	0.48

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
98	1.94	2.09	21.72	1.98	0.58	1.70	35.02	31.28	66.30	0.104	No	No	0.49
99	1.96	1.94	25.17	2.03	0.58	1.70	32.22	36.08	68.30	0.106	No	No	0.50
100	1.98	1.84	29.81	2.09	0.57	1.70	30.13	41.18	71.30	0.108	No	No	0.51
101	2.00	1.79	34.93	2.15	0.56	1.70	29.77	45.66	75.44	0.112	No	No	0.53
102	2.02	1.78	41.49	2.23	0.55	1.70	29.60	49.93	79.52	0.115	No	No	0.55
103	2.04	1.77	47.74	2.31	0.54	1.70	29.59	52.94	82.53	0.118	No	No	0.56
104	2.06	1.77	53.46	2.38	0.53	1.70	29.61	55.08	84.69	0.120	No	No	0.57
105	2.08	1.78	56.95	2.42	0.53	1.70	29.63	56.18	85.81	0.121	No	No	0.58
106	2.10	1.79	59.15	2.45	0.53	1.70	29.95	56.88	86.84	0.122	No	No	0.58
107	2.12	1.80	60.76	2.47	0.53	1.70	30.35	57.42	87.77	0.123	No	No	0.58
108	2.14	1.80	61.95	2.49	0.53	1.70	29.95	57.61	87.56	0.123	No	No	0.58
109	2.16	1.79	62.70	2.50	0.53	1.70	30.00	57.80	87.80	0.123	No	No	0.58
110	2.18	1.79	62.61	2.50	0.53	1.70	29.98	57.77	87.76	0.123	No	No	0.58
111	2.20	1.79	62.56	2.49	0.53	1.70	30.01	57.77	87.78	0.123	No	No	0.58
112	2.22	1.84	61.05	2.48	0.53	1.70	30.04	57.41	87.44	0.123	No	No	0.58
113	2.24	1.94	58.33	2.44	0.52	1.70	32.41	57.35	89.75	0.125	No	No	0.59
114	2.26	2.08	54.46	2.39	0.52	1.70	34.98	56.88	91.85	0.128	No	No	0.60
115	2.28	2.24	50.07	2.34	0.51	1.70	37.27	55.91	93.18	0.129	No	No	0.61
116	2.30	2.44	43.96	2.26	0.51	1.70	40.12	53.87	93.99	0.130	No	No	0.61
117	2.32	2.73	36.83	2.17	0.51	1.70	45.42	50.67	96.09	0.133	No	No	0.62
118	2.34	3.04	30.56	2.09	0.50	1.70	51.63	46.35	97.98	0.135	No	No	0.64
119	2.36	3.18	28.46	2.07	0.50	1.70	55.94	44.77	100.70	0.138	No	No	0.66
120	2.38	2.94	32.24	2.12	0.50	1.70	51.98	48.17	100.15	0.138	No	No	0.65
121	2.40	2.46	41.46	2.23	0.52	1.70	39.79	52.41	92.19	0.128	No	No	0.59
122	2.42	1.97	53.35	2.38	0.53	1.70	31.87	55.66	87.53	0.123	No	No	0.56
123	2.44	1.67	62.73	2.50	0.54	1.70	27.28	57.04	84.31	0.120	No	No	0.55
124	2.46	1.48	70.29	2.59	0.54	1.70	24.90	57.92	82.82	0.119	No	No	0.54
125	2.48	1.30	77.63	2.68	0.55	1.70	22.05	0.00	22.05	4.000	No	Yes	2.00
126	2.50	1.12	86.01	2.79	0.56	1.70	18.32	0.00	18.32	4.000	No	Yes	2.00
127	2.52	1.01	92.54	2.87	0.56	1.70	16.06	0.00	16.06	4.000	No	Yes	2.00
128	2.54	0.95	97.18	2.93	0.56	1.70	16.37	0.00	16.37	4.000	No	Yes	2.00
129	2.56	0.92	99.31	2.95	0.56	1.70	15.17	0.00	15.17	4.000	No	Yes	2.00
130	2.58	0.89	100.00	2.98	0.56	1.70	14.69	0.00	14.69	4.000	No	Yes	2.00
131	2.60	0.86	100.00	2.99	0.57	1.70	14.40	0.00	14.40	4.000	No	Yes	2.00
132	2.62	0.84	100.00	3.01	0.57	1.70	14.04	0.00	14.04	4.000	No	Yes	2.00
133	2.64	0.81	100.00	3.02	0.57	1.70	13.31	0.00	13.31	4.000	No	Yes	2.00
134	2.66	0.79	100.00	3.03	0.57	1.70	13.12	0.00	13.12	4.000	No	Yes	2.00
135	2.68	0.79	100.00	3.03	0.57	1.70	13.07	0.00	13.07	4.000	No	Yes	2.00
136	2.70	0.79	100.00	3.03	0.57	1.70	13.05	0.00	13.05	4.000	No	Yes	2.00
137	2.72	0.78	100.00	3.02	0.57	1.70	13.05	0.00	13.05	4.000	No	Yes	2.00
138	2.74	0.79	100.00	3.02	0.57	1.70	13.05	0.00	13.05	4.000	No	Yes	2.00
139	2.76	0.79	100.00	3.02	0.57	1.70	13.05	0.00	13.05	4.000	No	Yes	2.00
140	2.78	0.78	100.00	3.03	0.57	1.70	13.08	0.00	13.08	4.000	No	Yes	2.00
141	2.80	0.77	100.00	3.04	0.57	1.70	12.79	0.00	12.79	4.000	No	Yes	2.00
142	2.82	0.77	100.00	3.05	0.57	1.70	12.64	0.00	12.64	4.000	No	Yes	2.00
143	2.84	0.76	100.00	3.07	0.57	1.70	12.64	0.00	12.64	4.000	No	Yes	2.00
144	2.86	0.77	100.00	3.07	0.57	1.70	12.63	0.00	12.63	4.000	No	Yes	2.00
145	2.88	0.76	100.00	3.08	0.57	1.70	12.94	0.00	12.94	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
146	2.90	0.76	100.00	3.09	0.57	1.70	12.41	0.00	12.41	4.000	No	Yes	2.00
147	2.92	0.73	100.00	3.12	0.57	1.70	12.28	0.00	12.28	4.000	No	Yes	2.00
148	2.94	0.69	100.00	3.15	0.58	1.70	11.37	0.00	11.37	4.000	No	Yes	2.00
149	2.96	0.63	100.00	3.19	0.58	1.70	10.45	0.00	10.45	4.000	No	Yes	2.00
150	2.98	0.58	100.00	3.21	0.58	1.70	9.40	0.00	9.40	4.000	No	Yes	2.00
151	3.00	0.54	100.00	3.21	0.59	1.70	8.68	0.00	8.68	4.000	No	Yes	2.00
152	3.02	0.52	100.00	3.19	0.59	1.70	8.60	0.00	8.60	4.000	No	Yes	2.00
153	3.04	0.52	100.00	3.18	0.59	1.70	8.65	0.00	8.65	4.000	No	Yes	2.00
154	3.06	0.54	100.00	3.15	0.59	1.70	8.71	0.00	8.71	4.000	No	Yes	2.00
155	3.08	0.56	100.00	3.11	0.59	1.70	9.10	0.00	9.10	4.000	No	Yes	2.00
156	3.10	0.57	100.00	3.08	0.58	1.70	9.90	0.00	9.90	4.000	No	Yes	2.00
157	3.12	0.60	100.00	3.02	0.59	1.70	9.30	0.00	9.30	4.000	No	Yes	2.00
158	3.14	0.64	99.19	2.95	0.58	1.70	10.49	0.00	10.49	4.000	No	Yes	2.00
159	3.16	0.65	94.46	2.89	0.58	1.70	11.67	0.00	11.67	4.000	No	Yes	2.00
160	3.18	0.61	95.11	2.90	0.58	1.70	10.05	0.00	10.05	4.000	No	Yes	2.00
161	3.20	0.52	100.00	2.98	0.59	1.70	8.27	0.00	8.27	4.000	No	Yes	2.00
162	3.22	0.45	100.00	3.04	0.59	1.70	7.08	0.00	7.08	4.000	No	Yes	2.00
163	3.24	0.41	100.00	3.08	0.60	1.70	6.63	0.00	6.63	4.000	No	Yes	2.00
164	3.26	0.40	100.00	3.08	0.60	1.70	6.40	0.00	6.40	4.000	No	Yes	2.00
165	3.28	0.39	100.00	3.09	0.60	1.70	6.39	0.00	6.39	4.000	No	Yes	2.00
166	3.30	0.40	100.00	3.09	0.60	1.70	6.39	0.00	6.39	4.000	No	Yes	2.00
167	3.32	0.40	100.00	3.09	0.60	1.70	6.43	0.00	6.43	4.000	No	Yes	2.00
168	3.34	0.41	100.00	3.10	0.60	1.70	6.47	0.00	6.47	4.000	No	Yes	2.00
169	3.36	0.41	100.00	3.11	0.60	1.70	6.75	0.00	6.75	4.000	No	Yes	2.00
170	3.38	0.42	100.00	3.12	0.60	1.70	6.65	0.00	6.65	4.000	No	Yes	2.00
171	3.40	0.42	100.00	3.12	0.60	1.70	6.78	0.00	6.78	4.000	No	Yes	2.00
172	3.42	0.43	100.00	3.11	0.59	1.70	6.91	0.00	6.91	4.000	No	Yes	2.00
173	3.44	0.44	100.00	3.11	0.59	1.70	7.07	0.00	7.07	4.000	No	Yes	2.00
174	3.46	0.45	100.00	3.14	0.59	1.70	7.10	0.00	7.10	4.000	No	Yes	2.00
175	3.48	0.45	100.00	3.18	0.59	1.70	7.30	0.00	7.30	4.000	No	Yes	2.00
176	3.50	0.49	100.00	3.18	0.59	1.70	7.50	0.00	7.50	4.000	No	Yes	2.00
177	3.52	0.57	100.00	3.09	0.59	1.70	8.80	0.00	8.80	4.000	No	Yes	2.00
178	3.54	0.71	98.40	2.94	0.58	1.70	11.30	0.00	11.30	4.000	No	Yes	2.00
179	3.56	0.84	88.70	2.82	0.57	1.70	14.42	0.00	14.42	4.000	No	Yes	2.00
180	3.58	0.87	84.82	2.77	0.57	1.70	15.25	0.00	15.25	4.000	No	Yes	2.00
181	3.60	0.79	87.15	2.80	0.57	1.70	13.15	0.00	13.15	4.000	No	Yes	2.00
182	3.62	0.65	93.63	2.88	0.58	1.70	10.10	0.00	10.10	4.000	No	Yes	2.00
183	3.64	0.53	99.97	2.96	0.59	1.70	8.16	0.00	8.16	4.000	No	Yes	2.00
184	3.66	0.48	100.00	3.00	0.59	1.70	7.49	0.00	7.49	4.000	No	Yes	2.00
185	3.68	0.46	100.00	3.01	0.59	1.70	7.25	0.00	7.25	4.000	No	Yes	2.00
186	3.70	0.45	100.00	3.03	0.59	1.70	7.12	0.00	7.12	4.000	No	Yes	2.00
187	3.72	0.45	100.00	3.03	0.59	1.70	7.08	0.00	7.08	4.000	No	Yes	2.00
188	3.74	0.45	100.00	3.03	0.59	1.70	7.07	0.00	7.07	4.000	No	Yes	2.00
189	3.76	0.45	100.00	3.03	0.59	1.70	7.07	0.00	7.07	4.000	No	Yes	2.00
190	3.78	0.45	100.00	3.04	0.59	1.70	7.07	0.00	7.07	4.000	No	Yes	2.00
191	3.80	0.45	100.00	3.05	0.59	1.70	7.10	0.00	7.10	4.000	No	Yes	2.00
192	3.82	0.47	100.00	3.05	0.59	1.70	7.13	0.00	7.13	4.000	No	Yes	2.00
193	3.84	0.49	100.00	3.04	0.59	1.70	7.80	0.00	7.80	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
194	3.86	0.52	100.00	3.03	0.59	1.70	8.15	0.00	8.15	4.000	No	Yes	2.00
195	3.88	0.56	100.00	3.02	0.59	1.70	8.70	0.00	8.70	4.000	No	Yes	2.00
196	3.90	0.60	100.00	3.01	0.58	1.70	9.41	0.00	9.41	4.000	No	Yes	2.00
197	3.92	0.64	100.00	2.98	0.58	1.70	9.92	0.00	9.92	4.000	No	Yes	2.00
198	3.94	0.68	99.39	2.95	0.58	1.70	10.67	0.00	10.67	4.000	No	Yes	2.00
199	3.96	0.72	96.82	2.92	0.58	1.70	11.33	0.00	11.33	4.000	No	Yes	2.00
200	3.98	0.75	96.52	2.92	0.58	1.70	12.04	0.00	12.04	4.000	No	Yes	2.00
201	4.00	0.77	97.89	2.94	0.57	1.70	12.35	0.00	12.35	4.000	No	Yes	2.00
202	4.02	0.77	99.37	2.95	0.57	1.70	12.05	0.00	12.05	4.000	No	Yes	2.00
203	4.04	0.77	99.29	2.95	0.57	1.70	12.06	0.00	12.06	4.000	No	Yes	2.00
204	4.06	0.77	97.67	2.93	0.57	1.70	12.07	0.00	12.07	4.000	No	Yes	2.00
205	4.08	0.79	94.52	2.89	0.58	1.70	12.19	0.00	12.19	4.000	No	Yes	2.00
206	4.10	0.78	93.05	2.88	0.57	1.70	12.97	0.00	12.97	4.000	No	Yes	2.00
207	4.12	0.78	92.78	2.87	0.58	1.70	11.86	0.00	11.86	4.000	No	Yes	2.00
208	4.14	0.75	94.49	2.89	0.58	1.70	11.78	0.00	11.78	4.000	No	Yes	2.00
209	4.16	0.75	94.74	2.90	0.58	1.70	11.65	0.00	11.65	4.000	No	Yes	2.00
210	4.18	0.75	95.07	2.90	0.58	1.70	11.64	0.00	11.64	4.000	No	Yes	2.00
211	4.20	0.76	94.77	2.90	0.58	1.70	11.65	0.00	11.65	4.000	No	Yes	2.00
212	4.22	0.77	94.09	2.89	0.58	1.70	11.67	0.00	11.67	4.000	No	Yes	2.00
213	4.24	0.78	93.59	2.88	0.58	1.70	12.00	0.00	12.00	4.000	No	Yes	2.00
214	4.26	0.79	93.99	2.89	0.58	1.70	11.88	0.00	11.88	4.000	No	Yes	2.00
215	4.28	0.80	94.62	2.90	0.58	1.70	11.96	0.00	11.96	4.000	No	Yes	2.00
216	4.30	0.82	94.20	2.89	0.58	1.70	12.03	0.00	12.03	4.000	No	Yes	2.00
217	4.32	0.82	94.87	2.90	0.57	1.70	12.62	0.00	12.62	4.000	No	Yes	2.00
218	4.34	0.82	96.04	2.91	0.58	1.70	12.06	0.00	12.06	4.000	No	Yes	2.00
219	4.36	0.82	98.07	2.94	0.57	1.70	12.24	0.00	12.24	4.000	No	Yes	2.00
220	4.38	0.86	97.45	2.93	0.57	1.70	12.41	0.00	12.41	4.000	No	Yes	2.00
221	4.40	0.90	97.13	2.93	0.57	1.70	13.75	0.00	13.75	4.000	No	Yes	2.00
222	4.42	0.93	97.42	2.93	0.57	1.70	14.02	0.00	14.02	4.000	No	Yes	2.00
223	4.44	0.90	100.00	2.97	0.57	1.70	13.86	0.00	13.86	4.000	No	Yes	2.00
224	4.46	0.86	100.00	3.00	0.57	1.70	12.59	0.00	12.59	4.000	No	Yes	2.00
225	4.48	0.83	100.00	3.02	0.57	1.70	12.15	0.00	12.15	4.000	No	Yes	2.00
226	4.50	0.80	100.00	3.01	0.57	1.70	12.02	0.00	12.02	4.000	No	Yes	2.00
227	4.52	0.78	100.00	3.00	0.58	1.70	11.46	0.00	11.46	4.000	No	Yes	2.00
228	4.54	0.76	100.00	3.00	0.58	1.70	11.06	0.00	11.06	4.000	No	Yes	2.00
229	4.56	0.75	100.00	3.00	0.58	1.70	11.02	0.00	11.02	4.000	No	Yes	2.00
230	4.58	0.75	100.00	3.00	0.58	1.70	10.99	0.00	10.99	4.000	No	Yes	2.00
231	4.60	0.75	100.00	3.01	0.58	1.70	10.98	0.00	10.98	4.000	No	Yes	2.00
232	4.62	0.75	100.00	3.01	0.58	1.70	11.01	0.00	11.01	4.000	No	Yes	2.00
233	4.64	0.76	100.00	3.03	0.58	1.70	11.04	0.00	11.04	4.000	No	Yes	2.00
234	4.66	0.78	100.00	3.06	0.58	1.70	11.33	0.00	11.33	4.000	No	Yes	2.00
235	4.68	0.82	100.00	3.06	0.57	1.70	12.03	0.00	12.03	4.000	No	Yes	2.00
236	4.70	0.86	100.00	3.06	0.57	1.70	13.05	0.00	13.05	4.000	No	Yes	2.00
237	4.72	0.87	100.00	3.06	0.57	1.70	13.60	0.00	13.60	4.000	No	Yes	2.00
238	4.74	0.86	100.00	3.08	0.57	1.70	13.15	0.00	13.15	4.000	No	Yes	2.00
239	4.76	0.84	100.00	3.09	0.57	1.70	12.84	0.00	12.84	4.000	No	Yes	2.00
240	4.78	0.83	100.00	3.09	0.57	1.70	12.71	0.00	12.71	4.000	No	Yes	2.00
241	4.80	0.83	100.00	3.07	0.57	1.70	12.58	0.00	12.58	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
242	4.82	0.83	100.00	3.05	0.57	1.70	13.04	0.00	13.04	4.000	No	Yes	2.00
243	4.84	0.82	100.00	3.02	0.57	1.70	12.56	0.00	12.56	4.000	No	Yes	2.00
244	4.86	0.80	100.00	3.01	0.57	1.70	12.19	0.00	12.19	4.000	No	Yes	2.00
245	4.88	0.80	100.00	3.00	0.57	1.70	12.17	0.00	12.17	4.000	No	Yes	2.00
246	4.90	0.80	100.00	2.98	0.57	1.70	12.17	0.00	12.17	4.000	No	Yes	2.00
247	4.92	0.80	100.00	2.97	0.57	1.70	12.17	0.00	12.17	4.000	No	Yes	2.00
248	4.94	0.82	99.77	2.96	0.57	1.70	12.23	0.00	12.23	4.000	No	Yes	2.00
249	4.96	0.83	99.05	2.95	0.57	1.70	12.85	0.00	12.85	4.000	No	Yes	2.00
250	4.98	0.82	99.48	2.96	0.57	1.70	12.60	0.00	12.60	4.000	No	Yes	2.00
251	5.00	0.80	100.00	2.97	0.58	1.70	11.84	0.00	11.84	4.000	No	Yes	2.00
252	5.02	0.79	100.00	3.00	0.58	1.70	11.84	0.00	11.84	4.000	No	Yes	2.00
253	5.04	0.79	100.00	3.01	0.58	1.70	11.84	0.00	11.84	4.000	No	Yes	2.00
254	5.06	0.79	100.00	3.02	0.58	1.70	11.89	0.00	11.89	4.000	No	Yes	2.00
255	5.08	0.83	100.00	3.00	0.57	1.70	11.94	0.00	11.94	4.000	No	Yes	2.00
256	5.10	0.88	100.00	2.97	0.57	1.70	13.57	0.00	13.57	4.000	No	Yes	2.00
257	5.12	0.93	98.05	2.94	0.57	1.70	13.83	0.00	13.83	4.000	No	Yes	2.00
258	5.14	0.96	98.48	2.94	0.57	1.69	14.29	0.00	14.29	4.000	No	Yes	2.00
259	5.16	0.97	100.00	2.96	0.56	1.69	14.75	0.00	14.75	4.000	No	Yes	2.00
260	5.18	0.96	100.00	3.00	0.57	1.68	14.34	0.00	14.34	4.000	No	Yes	2.00
261	5.20	0.93	100.00	3.03	0.57	1.68	14.12	0.00	14.12	4.000	No	Yes	2.00
262	5.22	0.89	100.00	3.06	0.57	1.68	13.79	0.00	13.79	4.000	No	Yes	2.00
263	5.24	0.86	100.00	3.07	0.57	1.68	13.13	0.00	13.13	4.000	No	Yes	2.00
264	5.26	0.83	100.00	3.07	0.57	1.68	12.65	0.00	12.65	4.000	No	Yes	2.00
265	5.28	0.82	100.00	3.06	0.57	1.68	12.32	0.00	12.32	4.000	No	Yes	2.00
266	5.30	0.81	100.00	3.04	0.57	1.68	12.24	0.00	12.24	4.000	No	Yes	2.00
267	5.32	0.81	100.00	3.03	0.57	1.67	12.20	0.00	12.20	4.000	No	Yes	2.00
268	5.34	0.81	100.00	3.02	0.57	1.67	12.18	0.00	12.18	4.000	No	Yes	2.00
269	5.36	0.81	100.00	3.02	0.57	1.67	12.17	0.00	12.17	4.000	No	Yes	2.00
270	5.38	0.81	100.00	3.02	0.57	1.66	12.15	0.00	12.15	4.000	No	Yes	2.00
271	5.40	0.82	100.00	3.01	0.57	1.66	12.18	0.00	12.18	4.000	No	Yes	2.00
272	5.42	0.87	100.00	2.97	0.57	1.65	12.45	0.00	12.45	4.000	No	Yes	2.00
273	5.44	1.04	92.88	2.87	0.57	1.64	14.35	0.00	14.35	4.000	No	Yes	2.00
274	5.46	1.26	84.65	2.77	0.55	1.62	19.53	0.00	19.53	4.000	No	Yes	2.00
275	5.48	1.51	77.62	2.68	0.54	1.60	22.80	0.00	22.80	4.000	No	Yes	2.00
276	5.50	1.70	73.03	2.63	0.53	1.59	26.12	0.00	26.12	4.000	No	Yes	2.00
277	5.52	1.88	67.40	2.56	0.53	1.58	28.69	58.46	87.15	0.123	No	No	0.49
278	5.54	2.16	57.75	2.43	0.53	1.57	31.03	56.80	87.83	0.123	No	No	0.50
279	5.56	2.64	43.59	2.26	0.52	1.55	38.87	53.36	92.23	0.128	No	No	0.52
280	5.58	3.15	30.40	2.09	0.51	1.54	49.84	45.81	95.65	0.132	No	No	0.54
281	5.60	3.50	21.78	1.98	0.52	1.56	54.63	34.34	88.97	0.125	No	No	0.50
282	5.62	3.50	19.60	1.96	0.53	1.57	55.26	30.13	85.39	0.121	No	No	0.48
283	5.64	3.26	21.89	1.99	0.53	1.57	51.02	33.99	85.01	0.121	No	No	0.48
284	5.66	2.89	27.24	2.05	0.53	1.56	43.60	40.87	84.47	0.120	No	No	0.48
285	5.68	2.49	34.47	2.14	0.53	1.56	38.05	47.15	85.19	0.121	No	No	0.48
286	5.70	2.18	42.13	2.24	0.54	1.56	32.71	51.05	83.76	0.119	No	No	0.47
287	5.72	1.93	49.62	2.33	0.54	1.56	29.22	53.60	82.82	0.119	No	No	0.47
288	5.74	1.77	56.02	2.41	0.54	1.56	26.48	55.04	81.52	0.117	No	No	0.46
289	5.76	1.68	62.12	2.49	0.54	1.56	25.42	56.37	81.78	0.118	No	No	0.46

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
290	5.78	1.65	64.64	2.52	0.54	1.56	24.91	56.80	81.70	0.117	No	No	0.46
291	5.80	1.64	65.81	2.54	0.54	1.55	24.91	57.05	81.96	0.118	No	No	0.47
292	5.82	1.65	64.00	2.51	0.54	1.55	24.95	56.67	81.62	0.117	No	No	0.46
293	5.84	1.88	55.25	2.40	0.55	1.56	25.24	54.46	79.71	0.116	No	No	0.45
294	5.86	2.46	37.75	2.18	0.54	1.54	34.88	48.89	83.77	0.119	No	No	0.47
295	5.88	3.20	20.36	1.97	0.54	1.54	51.25	31.14	82.39	0.118	No	No	0.47
296	5.90	3.82	9.26	1.83	0.59	1.60	60.86	4.96	65.82	0.104	No	No	0.40
297	5.92	4.22	2.89	1.75	0.59	1.60	65.37	0.00	65.37	0.104	No	No	0.40
298	5.94	4.52	0.00	1.71	0.57	1.57	71.06	0.00	71.06	0.108	No	No	0.42
299	5.96	4.70	0.00	1.69	0.56	1.56	73.42	0.00	73.42	0.110	No	No	0.43
300	5.98	4.66	0.00	1.70	0.57	1.57	72.35	0.00	72.35	0.109	No	No	0.42
301	6.00	4.49	0.29	1.72	0.58	1.58	68.92	0.00	68.92	0.107	No	No	0.41
302	6.02	4.33	4.04	1.76	0.58	1.58	66.33	0.02	66.35	0.104	No	No	0.40
303	6.04	4.26	7.99	1.81	0.58	1.57	65.34	2.68	68.03	0.106	No	No	0.41
304	6.06	4.25	10.79	1.85	0.56	1.55	64.56	8.64	73.20	0.110	No	No	0.43
305	6.08	4.26	11.02	1.85	0.56	1.55	64.45	9.24	73.69	0.110	No	No	0.43
306	6.10	4.47	8.86	1.82	0.58	1.56	65.30	4.22	69.52	0.107	No	No	0.41
307	6.12	4.77	4.80	1.77	0.56	1.54	73.56	0.10	73.66	0.110	No	No	0.43
308	6.14	5.05	0.93	1.72	0.55	1.53	77.09	0.00	77.09	0.113	No	No	0.44
309	6.16	5.04	0.00	1.70	0.55	1.53	76.90	0.00	76.90	0.113	No	No	0.44
310	6.18	4.79	0.00	1.71	0.56	1.54	73.30	0.00	73.30	0.110	No	No	0.43
311	6.20	4.37	2.67	1.75	0.58	1.56	67.29	0.00	67.29	0.105	No	No	0.40
312	6.22	3.87	7.40	1.81	0.60	1.57	59.86	1.79	61.65	0.101	No	No	0.38
313	6.24	3.41	12.67	1.87	0.59	1.56	51.46	12.93	64.38	0.103	No	No	0.39
314	6.26	2.98	18.75	1.95	0.57	1.53	45.25	27.07	72.31	0.109	No	No	0.42
315	6.28	2.53	26.61	2.05	0.55	1.51	38.44	39.10	77.54	0.114	No	No	0.44
316	6.30	2.05	36.93	2.17	0.55	1.51	29.69	47.11	76.79	0.113	No	No	0.44
317	6.32	1.62	49.28	2.33	0.56	1.51	23.42	51.94	75.36	0.112	No	No	0.43
318	6.34	1.33	60.02	2.46	0.56	1.52	19.00	54.05	73.05	0.110	No	No	0.42
319	6.36	1.18	68.97	2.57	0.57	1.52	16.88	55.35	72.23	0.109	No	No	0.42
320	6.38	1.13	76.11	2.66	0.56	1.51	16.73	0.00	16.73	4.000	No	Yes	2.00
321	6.40	1.13	80.30	2.72	0.56	1.51	16.68	0.00	16.68	4.000	No	Yes	2.00
322	6.42	1.14	81.92	2.74	0.56	1.51	16.65	0.00	16.65	4.000	No	Yes	2.00
323	6.44	1.27	76.46	2.67	0.56	1.51	16.65	0.00	16.65	4.000	No	Yes	2.00
324	6.46	1.53	66.39	2.54	0.55	1.49	21.44	56.17	77.61	0.114	No	No	0.44
325	6.48	1.82	57.69	2.43	0.54	1.47	27.45	55.79	83.23	0.119	No	No	0.47
326	6.50	1.97	53.01	2.38	0.54	1.47	29.14	54.81	83.95	0.120	No	No	0.47
327	6.52	1.98	52.61	2.37	0.54	1.47	28.30	54.44	82.75	0.118	No	No	0.47
328	6.54	1.90	53.39	2.38	0.54	1.47	27.67	54.54	82.20	0.118	No	No	0.46
329	6.56	1.83	54.40	2.39	0.55	1.47	25.96	54.40	80.36	0.116	No	No	0.45
330	6.58	1.78	55.10	2.40	0.55	1.47	25.48	54.48	79.97	0.116	No	No	0.45
331	6.60	1.76	54.90	2.40	0.55	1.47	25.23	54.35	79.59	0.116	No	No	0.45
332	6.62	1.83	50.95	2.35	0.55	1.47	25.19	53.03	78.22	0.114	No	No	0.44
333	6.64	1.99	43.81	2.26	0.55	1.47	28.44	50.85	79.30	0.115	No	No	0.45
334	6.66	2.35	32.30	2.12	0.56	1.47	31.94	43.95	75.89	0.112	No	No	0.43
335	6.68	2.67	24.42	2.02	0.55	1.47	40.54	36.46	77.00	0.113	No	No	0.44
336	6.70	2.89	20.45	1.97	0.57	1.48	42.48	30.08	72.56	0.109	No	No	0.42
337	6.72	2.87	20.75	1.97	0.57	1.48	41.78	30.55	72.33	0.109	No	No	0.42

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
338	6.74	2.76	22.51	1.99	0.56	1.47	39.96	33.36	73.32	0.110	No	No	0.42
339	6.76	2.60	25.63	2.03	0.56	1.47	37.30	37.61	74.90	0.111	No	No	0.43
340	6.78	2.41	29.77	2.08	0.56	1.46	34.29	41.97	76.27	0.113	No	No	0.44
341	6.80	2.18	36.51	2.17	0.55	1.45	31.59	47.25	78.84	0.115	No	No	0.45
342	6.82	1.89	43.59	2.26	0.55	1.45	27.02	50.39	77.41	0.114	No	No	0.44
343	6.84	1.53	53.57	2.38	0.56	1.46	21.81	53.01	74.82	0.111	No	No	0.43
344	6.86	1.17	65.52	2.53	0.57	1.47	16.24	54.50	70.74	0.108	No	No	0.41
345	6.88	0.89	80.25	2.72	0.58	1.48	11.89	0.00	11.89	4.000	No	Yes	2.00
346	6.90	0.69	94.27	2.89	0.59	1.48	9.67	0.00	9.67	4.000	No	Yes	2.00
347	6.92	0.59	100.00	3.01	0.59	1.48	7.73	0.00	7.73	4.000	No	Yes	2.00
348	6.94	0.53	100.00	3.09	0.59	1.48	7.34	0.00	7.34	4.000	No	Yes	2.00
349	6.96	0.53	100.00	3.12	0.59	1.48	7.20	0.00	7.20	4.000	No	Yes	2.00
350	6.98	0.53	100.00	3.13	0.59	1.48	7.18	0.00	7.18	4.000	No	Yes	2.00
351	7.00	0.53	100.00	3.14	0.59	1.48	7.17	0.00	7.17	4.000	No	Yes	2.00
352	7.02	0.53	100.00	3.15	0.59	1.48	7.17	0.00	7.17	4.000	No	Yes	2.00
353	7.04	0.54	100.00	3.15	0.59	1.47	7.16	0.00	7.16	4.000	No	Yes	2.00
354	7.06	0.57	100.00	3.12	0.59	1.47	7.18	0.00	7.18	4.000	No	Yes	2.00
355	7.08	0.60	100.00	3.09	0.59	1.47	7.67	0.00	7.67	4.000	No	Yes	2.00
356	7.10	0.62	100.00	3.06	0.59	1.47	7.69	0.00	7.69	4.000	No	Yes	2.00
357	7.12	0.62	100.00	3.06	0.59	1.46	7.68	0.00	7.68	4.000	No	Yes	2.00
358	7.14	0.62	100.00	3.06	0.59	1.46	7.74	0.00	7.74	4.000	No	Yes	2.00
359	7.16	0.62	100.00	3.06	0.59	1.46	7.69	0.00	7.69	4.000	No	Yes	2.00
360	7.18	0.62	100.00	3.06	0.59	1.46	7.65	0.00	7.65	4.000	No	Yes	2.00
361	7.20	0.62	100.00	3.06	0.59	1.46	7.67	0.00	7.67	4.000	No	Yes	2.00
362	7.22	0.62	100.00	3.06	0.59	1.45	7.62	0.00	7.62	4.000	No	Yes	2.00
363	7.24	0.61	100.00	3.07	0.59	1.45	7.51	0.00	7.51	4.000	No	Yes	2.00
364	7.26	0.59	100.00	3.08	0.59	1.45	7.17	0.00	7.17	4.000	No	Yes	2.00
365	7.28	0.58	100.00	3.09	0.59	1.45	6.96	0.00	6.96	4.000	No	Yes	2.00
366	7.30	0.57	100.00	3.09	0.59	1.45	6.95	0.00	6.95	4.000	No	Yes	2.00
367	7.32	0.57	100.00	3.08	0.59	1.45	6.94	0.00	6.94	4.000	No	Yes	2.00
368	7.34	0.57	100.00	3.08	0.59	1.44	6.93	0.00	6.93	4.000	No	Yes	2.00
369	7.36	0.58	100.00	3.08	0.59	1.44	6.92	0.00	6.92	4.000	No	Yes	2.00
370	7.38	0.58	100.00	3.07	0.59	1.44	6.98	0.00	6.98	4.000	No	Yes	2.00
371	7.40	0.58	100.00	3.07	0.59	1.44	7.02	0.00	7.02	4.000	No	Yes	2.00
372	7.42	0.59	100.00	3.06	0.59	1.44	7.06	0.00	7.06	4.000	No	Yes	2.00
373	7.44	0.61	100.00	3.05	0.59	1.43	7.27	0.00	7.27	4.000	No	Yes	2.00
374	7.46	0.64	100.00	3.03	0.59	1.43	7.66	0.00	7.66	4.000	No	Yes	2.00
375	7.48	0.66	100.00	3.01	0.59	1.43	8.14	0.00	8.14	4.000	No	Yes	2.00
376	7.50	0.68	100.00	3.00	0.59	1.43	8.09	0.00	8.09	4.000	No	Yes	2.00
377	7.52	0.69	100.00	3.00	0.59	1.42	8.37	0.00	8.37	4.000	No	Yes	2.00
378	7.54	0.70	100.00	2.99	0.59	1.42	8.52	0.00	8.52	4.000	No	Yes	2.00
379	7.56	0.71	100.00	2.98	0.59	1.42	8.55	0.00	8.55	4.000	No	Yes	2.00
380	7.58	0.71	100.00	2.98	0.59	1.42	8.73	0.00	8.73	4.000	No	Yes	2.00
381	7.60	0.71	100.00	2.98	0.59	1.41	8.59	0.00	8.59	4.000	No	Yes	2.00
382	7.62	0.71	100.00	2.99	0.59	1.41	8.58	0.00	8.58	4.000	No	Yes	2.00
383	7.64	0.71	100.00	3.00	0.59	1.41	8.58	0.00	8.58	4.000	No	Yes	2.00
384	7.66	0.72	100.00	2.99	0.59	1.41	8.59	0.00	8.59	4.000	No	Yes	2.00
385	7.68	0.73	100.00	2.99	0.59	1.41	8.87	0.00	8.87	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
386	7.70	0.74	100.00	2.99	0.59	1.40	8.85	0.00	8.85	4.000	No	Yes	2.00
387	7.72	0.73	100.00	3.00	0.59	1.40	8.97	0.00	8.97	4.000	No	Yes	2.00
388	7.74	0.73	100.00	3.01	0.59	1.40	8.67	0.00	8.67	4.000	No	Yes	2.00
389	7.76	0.72	100.00	3.02	0.59	1.40	8.66	0.00	8.66	4.000	No	Yes	2.00
390	7.78	0.72	100.00	3.02	0.59	1.40	8.65	0.00	8.65	4.000	No	Yes	2.00
391	7.80	0.72	100.00	3.03	0.59	1.40	8.64	0.00	8.64	4.000	No	Yes	2.00
392	7.82	0.73	100.00	3.02	0.59	1.39	8.63	0.00	8.63	4.000	No	Yes	2.00
393	7.84	0.74	100.00	3.01	0.59	1.39	8.87	0.00	8.87	4.000	No	Yes	2.00
394	7.86	0.75	100.00	3.00	0.59	1.39	8.98	0.00	8.98	4.000	No	Yes	2.00
395	7.88	0.75	100.00	2.99	0.59	1.39	8.94	0.00	8.94	4.000	No	Yes	2.00
396	7.90	0.75	100.00	2.99	0.59	1.39	8.97	0.00	8.97	4.000	No	Yes	2.00
397	7.92	0.76	100.00	3.00	0.59	1.38	9.00	0.00	9.00	4.000	No	Yes	2.00
398	7.94	0.77	100.00	3.00	0.59	1.38	9.10	0.00	9.10	4.000	No	Yes	2.00
399	7.96	0.78	100.00	3.00	0.59	1.38	9.30	0.00	9.30	4.000	No	Yes	2.00
400	7.98	0.80	100.00	3.01	0.58	1.38	9.48	0.00	9.48	4.000	No	Yes	2.00
401	8.00	0.81	100.00	3.01	0.58	1.37	9.50	0.00	9.50	4.000	No	Yes	2.00
402	8.02	0.81	100.00	3.02	0.58	1.37	9.80	0.00	9.80	4.000	No	Yes	2.00
403	8.04	0.80	100.00	3.04	0.58	1.37	9.44	0.00	9.44	4.000	No	Yes	2.00
404	8.06	0.78	100.00	3.07	0.59	1.37	9.30	0.00	9.30	4.000	No	Yes	2.00
405	8.08	0.77	100.00	3.09	0.59	1.37	9.27	0.00	9.27	4.000	No	Yes	2.00
406	8.10	0.77	100.00	3.09	0.59	1.37	9.26	0.00	9.26	4.000	No	Yes	2.00
407	8.12	0.77	100.00	3.10	0.59	1.36	9.26	0.00	9.26	4.000	No	Yes	2.00
408	8.14	0.77	100.00	3.10	0.59	1.36	9.27	0.00	9.27	4.000	No	Yes	2.00
409	8.16	0.78	100.00	3.10	0.58	1.36	9.33	0.00	9.33	4.000	No	Yes	2.00
410	8.18	0.79	100.00	3.10	0.58	1.36	9.47	0.00	9.47	4.000	No	Yes	2.00
411	8.20	0.80	100.00	3.10	0.58	1.36	9.64	0.00	9.64	4.000	No	Yes	2.00
412	8.22	0.82	100.00	3.09	0.58	1.35	9.78	0.00	9.78	4.000	No	Yes	2.00
413	8.24	0.82	100.00	3.10	0.58	1.35	9.92	0.00	9.92	4.000	No	Yes	2.00
414	8.26	0.82	100.00	3.10	0.58	1.35	9.82	0.00	9.82	4.000	No	Yes	2.00
415	8.28	0.82	100.00	3.10	0.58	1.35	9.80	0.00	9.80	4.000	No	Yes	2.00
416	8.30	0.82	100.00	3.10	0.58	1.35	9.79	0.00	9.79	4.000	No	Yes	2.00
417	8.32	0.82	100.00	3.10	0.58	1.34	9.79	0.00	9.79	4.000	No	Yes	2.00
418	8.34	0.82	100.00	3.11	0.58	1.34	9.83	0.00	9.83	4.000	No	Yes	2.00
419	8.36	0.83	100.00	3.10	0.58	1.34	9.79	0.00	9.79	4.000	No	Yes	2.00
420	8.38	0.83	100.00	3.10	0.58	1.34	10.01	0.00	10.01	4.000	No	Yes	2.00
421	8.40	0.84	100.00	3.09	0.58	1.34	9.81	0.00	9.81	4.000	No	Yes	2.00
422	8.42	0.84	100.00	3.09	0.58	1.33	9.95	0.00	9.95	4.000	No	Yes	2.00
423	8.44	0.85	100.00	3.08	0.58	1.33	10.08	0.00	10.08	4.000	No	Yes	2.00
424	8.46	0.86	100.00	3.08	0.58	1.33	10.22	0.00	10.22	4.000	No	Yes	2.00
425	8.48	0.87	100.00	3.07	0.58	1.33	10.23	0.00	10.23	4.000	No	Yes	2.00
426	8.50	0.88	100.00	3.07	0.58	1.33	10.42	0.00	10.42	4.000	No	Yes	2.00
427	8.52	0.91	100.00	3.06	0.58	1.32	10.71	0.00	10.71	4.000	No	Yes	2.00
428	8.54	0.94	100.00	3.04	0.58	1.32	11.20	0.00	11.20	4.000	No	Yes	2.00
429	8.56	0.97	100.00	3.03	0.58	1.32	11.54	0.00	11.54	4.000	No	Yes	2.00
430	8.58	0.98	100.00	3.02	0.58	1.32	11.52	0.00	11.52	4.000	No	Yes	2.00
431	8.60	0.98	100.00	3.03	0.58	1.31	11.83	0.00	11.83	4.000	No	Yes	2.00
432	8.62	0.98	100.00	3.04	0.58	1.31	11.51	0.00	11.51	4.000	No	Yes	2.00
433	8.64	0.96	100.00	3.05	0.58	1.31	11.40	0.00	11.40	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
434	8.66	0.96	100.00	3.06	0.58	1.31	11.33	0.00	11.33	4.000	No	Yes	2.00
435	8.68	0.96	100.00	3.06	0.58	1.31	11.31	0.00	11.31	4.000	No	Yes	2.00
436	8.70	0.96	100.00	3.06	0.58	1.31	11.29	0.00	11.29	4.000	No	Yes	2.00
437	8.72	0.95	100.00	3.06	0.58	1.30	11.33	0.00	11.33	4.000	No	Yes	2.00
438	8.74	0.95	100.00	3.06	0.58	1.30	11.22	0.00	11.22	4.000	No	Yes	2.00
439	8.76	0.95	100.00	3.06	0.58	1.30	11.12	0.00	11.12	4.000	No	Yes	2.00
440	8.78	0.94	100.00	3.06	0.58	1.30	11.10	0.00	11.10	4.000	No	Yes	2.00
441	8.80	0.94	100.00	3.06	0.58	1.30	11.09	0.00	11.09	4.000	No	Yes	2.00
442	8.82	0.94	100.00	3.06	0.58	1.30	11.07	0.00	11.07	4.000	No	Yes	2.00
443	8.84	0.95	100.00	3.06	0.58	1.29	11.06	0.00	11.06	4.000	No	Yes	2.00
444	8.86	0.96	100.00	3.05	0.58	1.29	11.12	0.00	11.12	4.000	No	Yes	2.00
445	8.88	0.96	100.00	3.05	0.58	1.29	11.28	0.00	11.28	4.000	No	Yes	2.00
446	8.90	0.97	100.00	3.04	0.58	1.29	11.29	0.00	11.29	4.000	No	Yes	2.00
447	8.92	0.99	100.00	3.04	0.58	1.29	11.48	0.00	11.48	4.000	No	Yes	2.00
448	8.94	0.99	100.00	3.03	0.58	1.28	11.64	0.00	11.64	4.000	No	Yes	2.00
449	8.96	0.99	100.00	3.04	0.58	1.28	11.56	0.00	11.56	4.000	No	Yes	2.00
450	8.98	0.98	100.00	3.05	0.58	1.28	11.25	0.00	11.25	4.000	No	Yes	2.00
451	9.00	0.97	100.00	3.05	0.58	1.28	11.11	0.00	11.11	4.000	No	Yes	2.00
452	9.02	0.97	100.00	3.05	0.58	1.28	11.33	0.00	11.33	4.000	No	Yes	2.00
453	9.04	0.97	100.00	3.04	0.58	1.28	10.96	0.00	10.96	4.000	No	Yes	2.00
454	9.06	0.97	100.00	3.04	0.58	1.28	10.90	0.00	10.90	4.000	No	Yes	2.00
455	9.08	0.98	100.00	3.04	0.58	1.27	10.88	0.00	10.88	4.000	No	Yes	2.00
456	9.10	0.98	100.00	3.04	0.58	1.27	10.86	0.00	10.86	4.000	No	Yes	2.00
457	9.12	0.98	100.00	3.04	0.58	1.27	10.85	0.00	10.85	4.000	No	Yes	2.00
458	9.14	0.98	100.00	3.05	0.58	1.27	10.84	0.00	10.84	4.000	No	Yes	2.00
459	9.16	0.99	100.00	3.07	0.58	1.27	10.86	0.00	10.86	4.000	No	Yes	2.00
460	9.18	0.99	100.00	3.08	0.58	1.27	11.07	0.00	11.07	4.000	No	Yes	2.00
461	9.20	0.99	100.00	3.09	0.58	1.26	10.91	0.00	10.91	4.000	No	Yes	2.00
462	9.22	0.99	100.00	3.10	0.58	1.26	10.98	0.00	10.98	4.000	No	Yes	2.00
463	9.24	1.01	100.00	3.09	0.58	1.26	11.05	0.00	11.05	4.000	No	Yes	2.00
464	9.26	1.02	100.00	3.08	0.58	1.26	11.26	0.00	11.26	4.000	No	Yes	2.00
465	9.28	1.05	100.00	3.06	0.58	1.26	11.44	0.00	11.44	4.000	No	Yes	2.00
466	9.30	1.08	100.00	3.05	0.58	1.25	11.77	0.00	11.77	4.000	No	Yes	2.00
467	9.32	1.09	100.00	3.05	0.57	1.25	12.27	0.00	12.27	4.000	No	Yes	2.00
468	9.34	1.10	100.00	3.06	0.57	1.25	11.90	0.00	11.90	4.000	No	Yes	2.00
469	9.36	1.11	100.00	3.07	0.57	1.25	12.14	0.00	12.14	4.000	No	Yes	2.00
470	9.38	1.13	100.00	3.07	0.57	1.25	12.49	0.00	12.49	4.000	No	Yes	2.00
471	9.40	1.15	100.00	3.06	0.57	1.24	12.73	0.00	12.73	4.000	No	Yes	2.00
472	9.42	1.16	100.00	3.06	0.57	1.24	12.94	0.00	12.94	4.000	No	Yes	2.00
473	9.44	1.17	100.00	3.06	0.57	1.24	12.92	0.00	12.92	4.000	No	Yes	2.00
474	9.46	1.16	100.00	3.06	0.57	1.24	12.87	0.00	12.87	4.000	No	Yes	2.00
475	9.48	1.16	100.00	3.07	0.57	1.24	12.82	0.00	12.82	4.000	No	Yes	2.00
476	9.50	1.15	100.00	3.07	0.57	1.24	12.77	0.00	12.77	4.000	No	Yes	2.00
477	9.52	1.15	100.00	3.06	0.57	1.23	12.69	0.00	12.69	4.000	No	Yes	2.00
478	9.54	1.15	100.00	3.06	0.57	1.23	12.67	0.00	12.67	4.000	No	Yes	2.00
479	9.56	1.14	100.00	3.06	0.57	1.23	12.64	0.00	12.64	4.000	No	Yes	2.00
480	9.58	1.14	100.00	3.06	0.57	1.23	12.60	0.00	12.60	4.000	No	Yes	2.00
481	9.60	1.14	100.00	3.06	0.57	1.23	12.53	0.00	12.53	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
482	9.62	1.14	100.00	3.07	0.57	1.23	12.52	0.00	12.52	4.000	No	Yes	2.00
483	9.64	1.14	100.00	3.07	0.57	1.23	12.51	0.00	12.51	4.000	No	Yes	2.00
484	9.66	1.14	100.00	3.07	0.57	1.22	12.54	0.00	12.54	4.000	No	Yes	2.00
485	9.68	1.16	100.00	3.06	0.57	1.22	12.63	0.00	12.63	4.000	No	Yes	2.00
486	9.70	1.20	100.00	3.04	0.57	1.22	13.14	0.00	13.14	4.000	No	Yes	2.00
487	9.72	1.25	100.00	3.03	0.57	1.22	13.75	0.00	13.75	4.000	No	Yes	2.00
488	9.74	1.31	100.00	3.01	0.57	1.22	14.32	0.00	14.32	4.000	No	Yes	2.00
489	9.76	1.35	100.00	2.99	0.56	1.21	14.88	0.00	14.88	4.000	No	Yes	2.00
490	9.78	1.38	100.00	2.98	0.56	1.21	15.16	0.00	15.16	4.000	No	Yes	2.00
491	9.80	1.41	100.00	2.97	0.56	1.21	15.30	0.00	15.30	4.000	No	Yes	2.00
492	9.82	1.42	100.00	2.97	0.56	1.21	15.63	0.00	15.63	4.000	No	Yes	2.00
493	9.84	1.44	99.55	2.96	0.56	1.21	15.50	0.00	15.50	4.000	No	Yes	2.00
494	9.86	1.47	98.70	2.95	0.56	1.20	16.05	0.00	16.05	4.000	No	Yes	2.00
495	9.88	1.50	97.28	2.93	0.56	1.20	16.36	0.00	16.36	4.000	No	Yes	2.00
496	9.90	1.53	96.56	2.92	0.56	1.20	16.77	0.00	16.77	4.000	No	Yes	2.00
497	9.92	1.54	96.29	2.92	0.56	1.20	16.80	0.00	16.80	4.000	No	Yes	2.00
498	9.94	1.54	96.53	2.92	0.56	1.20	16.78	0.00	16.78	4.000	No	Yes	2.00
499	9.96	1.55	96.88	2.92	0.56	1.20	16.77	0.00	16.77	4.000	No	Yes	2.00
500	9.98	1.56	97.23	2.93	0.56	1.19	16.80	0.00	16.80	4.000	No	Yes	2.00
501	10.00	1.57	97.33	2.93	0.56	1.19	16.91	0.00	16.91	4.000	No	Yes	2.00
502	10.02	1.56	97.94	2.94	0.56	1.19	17.02	0.00	17.02	4.000	No	Yes	2.00
503	10.04	1.55	98.80	2.95	0.56	1.19	16.69	0.00	16.69	4.000	No	Yes	2.00
504	10.06	1.53	100.00	2.96	0.56	1.19	16.44	0.00	16.44	4.000	No	Yes	2.00
505	10.08	1.49	100.00	2.99	0.56	1.19	16.18	0.00	16.18	4.000	No	Yes	2.00
506	10.10	1.43	100.00	3.01	0.56	1.19	15.26	0.00	15.26	4.000	No	Yes	2.00
507	10.12	1.38	100.00	3.03	0.56	1.19	15.14	0.00	15.14	4.000	No	Yes	2.00
508	10.14	1.35	100.00	3.04	0.56	1.18	14.82	0.00	14.82	4.000	No	Yes	2.00
509	10.16	1.33	100.00	3.04	0.56	1.18	14.69	0.00	14.69	4.000	No	Yes	2.00
510	10.18	1.29	100.00	3.05	0.57	1.18	14.23	0.00	14.23	4.000	No	Yes	2.00
511	10.20	1.25	100.00	3.07	0.57	1.18	13.45	0.00	13.45	4.000	No	Yes	2.00
512	10.22	1.21	100.00	3.08	0.57	1.18	13.14	0.00	13.14	4.000	No	Yes	2.00
513	10.24	1.20	100.00	3.08	0.57	1.18	13.06	0.00	13.06	4.000	No	Yes	2.00
514	10.26	1.20	100.00	3.08	0.57	1.18	13.04	0.00	13.04	4.000	No	Yes	2.00
515	10.28	1.20	100.00	3.08	0.57	1.18	13.02	0.00	13.02	4.000	No	Yes	2.00
516	10.30	1.21	100.00	3.08	0.57	1.17	13.02	0.00	13.02	4.000	No	Yes	2.00
517	10.32	1.21	100.00	3.08	0.57	1.17	13.02	0.00	13.02	4.000	No	Yes	2.00
518	10.34	1.21	100.00	3.08	0.57	1.17	13.08	0.00	13.08	4.000	No	Yes	2.00
519	10.36	1.22	100.00	3.08	0.57	1.17	13.11	0.00	13.11	4.000	No	Yes	2.00
520	10.38	1.23	100.00	3.08	0.57	1.17	13.13	0.00	13.13	4.000	No	Yes	2.00
521	10.40	1.24	100.00	3.07	0.57	1.17	13.28	0.00	13.28	4.000	No	Yes	2.00
522	10.42	1.27	100.00	3.06	0.57	1.17	13.47	0.00	13.47	4.000	No	Yes	2.00
523	10.44	1.31	100.00	3.03	0.57	1.16	13.91	0.00	13.91	4.000	No	Yes	2.00
524	10.46	1.36	100.00	3.00	0.57	1.16	14.45	0.00	14.45	4.000	No	Yes	2.00
525	10.48	1.41	100.00	2.97	0.56	1.16	15.01	0.00	15.01	4.000	No	Yes	2.00
526	10.50	1.46	98.70	2.95	0.56	1.16	15.47	0.00	15.47	4.000	No	Yes	2.00
527	10.52	1.49	97.07	2.93	0.56	1.16	15.74	0.00	15.74	4.000	No	Yes	2.00
528	10.54	1.52	95.30	2.90	0.56	1.16	16.07	0.00	16.07	4.000	No	Yes	2.00
529	10.56	1.55	94.04	2.89	0.56	1.15	16.61	0.00	16.61	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
530	10.58	1.57	93.31	2.88	0.56	1.15	16.58	0.00	16.58	4.000	No	Yes	2.00
531	10.60	1.57	93.29	2.88	0.56	1.15	16.57	0.00	16.57	4.000	No	Yes	2.00
532	10.62	1.57	93.24	2.88	0.56	1.15	16.56	0.00	16.56	4.000	No	Yes	2.00
533	10.64	1.58	93.14	2.88	0.56	1.15	16.60	0.00	16.60	4.000	No	Yes	2.00
534	10.66	1.59	93.33	2.88	0.56	1.15	16.73	0.00	16.73	4.000	No	Yes	2.00
535	10.68	1.61	94.06	2.89	0.56	1.15	16.99	0.00	16.99	4.000	No	Yes	2.00
536	10.70	1.62	95.13	2.90	0.56	1.14	17.23	0.00	17.23	4.000	No	Yes	2.00
537	10.72	1.63	95.64	2.91	0.56	1.14	17.05	0.00	17.05	4.000	No	Yes	2.00
538	10.74	1.64	95.63	2.91	0.56	1.14	17.21	0.00	17.21	4.000	No	Yes	2.00
539	10.76	1.64	95.41	2.91	0.56	1.14	17.19	0.00	17.19	4.000	No	Yes	2.00
540	10.78	1.66	95.25	2.90	0.56	1.14	17.20	0.00	17.20	4.000	No	Yes	2.00
541	10.80	1.67	95.04	2.90	0.56	1.14	17.33	0.00	17.33	4.000	No	Yes	2.00
542	10.82	1.68	95.10	2.90	0.56	1.14	17.42	0.00	17.42	4.000	No	Yes	2.00
543	10.84	1.68	96.42	2.92	0.56	1.13	17.39	0.00	17.39	4.000	No	Yes	2.00
544	10.86	1.64	98.82	2.95	0.56	1.13	16.98	0.00	16.98	4.000	No	Yes	2.00
545	10.88	1.59	100.00	2.98	0.56	1.13	16.39	0.00	16.39	4.000	No	Yes	2.00
546	10.90	1.52	100.00	3.02	0.56	1.13	15.87	0.00	15.87	4.000	No	Yes	2.00
547	10.92	1.44	100.00	3.05	0.56	1.13	15.05	0.00	15.05	4.000	No	Yes	2.00
548	10.94	1.33	100.00	3.09	0.57	1.13	13.88	0.00	13.88	4.000	No	Yes	2.00
549	10.96	1.24	100.00	3.12	0.57	1.13	12.64	0.00	12.64	4.000	No	Yes	2.00
550	10.98	1.16	100.00	3.13	0.58	1.13	11.82	0.00	11.82	4.000	No	Yes	2.00
551	11.00	1.11	100.00	3.14	0.58	1.13	11.41	0.00	11.41	4.000	No	Yes	2.00
552	11.02	1.05	100.00	3.15	0.58	1.13	10.78	0.00	10.78	4.000	No	Yes	2.00
553	11.04	1.01	100.00	3.15	0.58	1.13	9.98	0.00	9.98	4.000	No	Yes	2.00
554	11.06	0.98	100.00	3.13	0.58	1.13	9.77	0.00	9.77	4.000	No	Yes	2.00
555	11.08	0.98	100.00	3.10	0.58	1.13	9.73	0.00	9.73	4.000	No	Yes	2.00
556	11.10	0.98	100.00	3.07	0.58	1.12	9.73	0.00	9.73	4.000	No	Yes	2.00
557	11.12	0.98	100.00	3.04	0.58	1.12	9.72	0.00	9.72	4.000	No	Yes	2.00
558	11.14	0.99	100.00	3.01	0.58	1.12	9.73	0.00	9.73	4.000	No	Yes	2.00
559	11.16	1.00	100.00	2.98	0.58	1.12	9.77	0.00	9.77	4.000	No	Yes	2.00
560	11.18	1.03	98.90	2.95	0.58	1.12	10.09	0.00	10.09	4.000	No	Yes	2.00
561	11.20	1.07	96.15	2.91	0.58	1.12	10.60	0.00	10.60	4.000	No	Yes	2.00
562	11.22	1.12	93.86	2.89	0.58	1.12	11.00	0.00	11.00	4.000	No	Yes	2.00
563	11.24	1.15	92.28	2.87	0.58	1.12	11.25	0.00	11.25	4.000	No	Yes	2.00
564	11.26	1.17	90.81	2.85	0.58	1.12	11.49	0.00	11.49	4.000	No	Yes	2.00
565	11.28	1.19	90.07	2.84	0.58	1.11	11.79	0.00	11.79	4.000	No	Yes	2.00
566	11.30	1.19	89.83	2.84	0.58	1.11	11.68	0.00	11.68	4.000	No	Yes	2.00
567	11.32	1.17	89.56	2.83	0.58	1.11	11.39	0.00	11.39	4.000	No	Yes	2.00
568	11.34	1.17	88.87	2.82	0.58	1.11	11.37	0.00	11.37	4.000	No	Yes	2.00
569	11.36	1.17	88.01	2.81	0.58	1.11	11.40	0.00	11.40	4.000	No	Yes	2.00
570	11.38	1.19	87.45	2.81	0.58	1.11	11.42	0.00	11.42	4.000	No	Yes	2.00
571	11.40	1.22	85.73	2.78	0.58	1.11	11.48	0.00	11.48	4.000	No	Yes	2.00
572	11.42	1.26	83.73	2.76	0.58	1.11	12.27	0.00	12.27	4.000	No	Yes	2.00
573	11.44	1.29	82.49	2.74	0.58	1.11	12.49	0.00	12.49	4.000	No	Yes	2.00
574	11.46	1.29	82.45	2.74	0.58	1.11	12.26	0.00	12.26	4.000	No	Yes	2.00
575	11.48	1.29	82.64	2.75	0.58	1.10	12.31	0.00	12.31	4.000	No	Yes	2.00
576	11.50	1.31	82.16	2.74	0.58	1.10	12.37	0.00	12.37	4.000	No	Yes	2.00
577	11.52	1.34	82.20	2.74	0.58	1.10	12.79	0.00	12.79	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
578	11.54	1.39	82.48	2.74	0.58	1.10	13.07	0.00	13.07	4.000	No	Yes	2.00
579	11.56	1.49	79.88	2.71	0.57	1.10	13.85	0.00	13.85	4.000	No	Yes	2.00
580	11.58	1.60	76.12	2.66	0.57	1.10	15.79	0.00	15.79	4.000	No	Yes	2.00
581	11.60	1.66	72.62	2.62	0.57	1.10	16.67	0.00	16.67	4.000	No	Yes	2.00
582	11.62	1.63	72.78	2.62	0.57	1.10	16.10	0.00	16.10	4.000	No	Yes	2.00
583	11.64	1.56	74.42	2.64	0.57	1.10	15.08	0.00	15.08	4.000	No	Yes	2.00
584	11.66	1.52	75.97	2.66	0.57	1.09	14.67	0.00	14.67	4.000	No	Yes	2.00
585	11.68	1.50	76.53	2.67	0.57	1.09	14.47	0.00	14.47	4.000	No	Yes	2.00
586	11.70	1.51	76.72	2.67	0.57	1.09	14.45	0.00	14.45	4.000	No	Yes	2.00
587	11.72	1.52	76.38	2.67	0.57	1.09	14.44	0.00	14.44	4.000	No	Yes	2.00
588	11.74	1.54	76.15	2.66	0.57	1.09	14.45	0.00	14.45	4.000	No	Yes	2.00
589	11.76	1.55	76.69	2.67	0.57	1.09	14.64	0.00	14.64	4.000	No	Yes	2.00
590	11.78	1.57	77.40	2.68	0.57	1.09	14.63	0.00	14.63	4.000	No	Yes	2.00
591	11.80	1.58	78.21	2.69	0.57	1.09	14.66	0.00	14.66	4.000	No	Yes	2.00
592	11.82	1.60	77.69	2.68	0.57	1.09	14.95	0.00	14.95	4.000	No	Yes	2.00
593	11.84	1.63	76.89	2.67	0.57	1.09	15.15	0.00	15.15	4.000	No	Yes	2.00
594	11.86	1.65	76.10	2.66	0.57	1.08	15.49	0.00	15.49	4.000	No	Yes	2.00
595	11.88	1.67	75.94	2.66	0.57	1.08	15.40	0.00	15.40	4.000	No	Yes	2.00
596	11.90	1.68	76.68	2.67	0.57	1.08	15.61	0.00	15.61	4.000	No	Yes	2.00
597	11.92	1.71	78.49	2.69	0.57	1.08	15.81	0.00	15.81	4.000	No	Yes	2.00
598	11.94	1.77	79.43	2.71	0.56	1.08	16.27	0.00	16.27	4.000	No	Yes	2.00
599	11.96	1.86	80.04	2.71	0.56	1.08	17.21	0.00	17.21	4.000	No	Yes	2.00
600	11.98	1.93	80.86	2.72	0.56	1.08	18.26	0.00	18.26	4.000	No	Yes	2.00
601	12.00	1.96	82.28	2.74	0.56	1.08	18.27	0.00	18.27	4.000	No	Yes	2.00
602	12.02	1.97	83.29	2.75	0.56	1.07	18.48	0.00	18.48	4.000	No	Yes	2.00
603	12.04	2.00	83.27	2.75	0.55	1.07	18.69	0.00	18.69	4.000	No	Yes	2.00
604	12.06	2.03	82.97	2.75	0.55	1.07	19.60	0.00	19.60	4.000	No	Yes	2.00
605	12.08	2.03	83.04	2.75	0.55	1.07	19.63	0.00	19.63	4.000	No	Yes	2.00
606	12.10	2.00	83.90	2.76	0.55	1.07	19.07	0.00	19.07	4.000	No	Yes	2.00
607	12.12	1.94	85.12	2.78	0.56	1.07	18.48	0.00	18.48	4.000	No	Yes	2.00
608	12.14	1.84	86.91	2.80	0.56	1.07	17.89	0.00	17.89	4.000	No	Yes	2.00
609	12.16	1.76	87.33	2.80	0.56	1.07	16.42	0.00	16.42	4.000	No	Yes	2.00
610	12.18	1.69	87.18	2.80	0.56	1.07	15.91	0.00	15.91	4.000	No	Yes	2.00
611	12.20	1.68	86.21	2.79	0.56	1.07	15.90	0.00	15.90	4.000	No	Yes	2.00
612	12.22	1.68	85.98	2.79	0.56	1.06	15.89	0.00	15.89	4.000	No	Yes	2.00
613	12.24	1.70	85.63	2.78	0.56	1.06	15.90	0.00	15.90	4.000	No	Yes	2.00
614	12.26	1.80	82.76	2.75	0.56	1.06	16.01	0.00	16.01	4.000	No	Yes	2.00
615	12.28	1.96	79.65	2.71	0.56	1.06	18.42	0.00	18.42	4.000	No	Yes	2.00
616	12.30	2.13	77.82	2.69	0.55	1.06	20.08	0.00	20.08	4.000	No	Yes	2.00
617	12.32	2.26	76.98	2.67	0.55	1.06	20.74	0.00	20.74	4.000	No	Yes	2.00
618	12.34	2.32	79.15	2.70	0.54	1.06	22.16	0.00	22.16	4.000	No	Yes	2.00
619	12.36	2.36	81.24	2.73	0.55	1.06	21.47	0.00	21.47	4.000	No	Yes	2.00
620	12.38	2.38	83.74	2.76	0.54	1.05	22.08	0.00	22.08	4.000	No	Yes	2.00
621	12.40	2.40	84.58	2.77	0.54	1.05	22.85	0.00	22.85	4.000	No	Yes	2.00
622	12.42	2.39	85.36	2.78	0.54	1.05	22.10	0.00	22.10	4.000	No	Yes	2.00
623	12.44	2.31	87.56	2.81	0.54	1.05	22.48	0.00	22.48	4.000	No	Yes	2.00
624	12.46	2.21	89.95	2.84	0.54	1.05	21.36	0.00	21.36	4.000	No	Yes	2.00
625	12.48	2.08	92.07	2.86	0.55	1.05	20.10	0.00	20.10	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
626	12.50	1.94	93.38	2.88	0.55	1.05	18.50	0.00	18.50	4.000	No	Yes	2.00
627	12.52	1.83	94.16	2.89	0.56	1.05	17.24	0.00	17.24	4.000	No	Yes	2.00
628	12.54	1.76	94.61	2.90	0.56	1.05	16.51	0.00	16.51	4.000	No	Yes	2.00
629	12.56	1.73	94.44	2.89	0.56	1.05	16.32	0.00	16.32	4.000	No	Yes	2.00
630	12.58	1.74	93.46	2.88	0.56	1.05	16.30	0.00	16.30	4.000	No	Yes	2.00
631	12.60	1.75	92.67	2.87	0.56	1.04	16.30	0.00	16.30	4.000	No	Yes	2.00
632	12.62	1.78	92.23	2.87	0.56	1.04	16.31	0.00	16.31	4.000	No	Yes	2.00
633	12.64	1.87	90.98	2.85	0.56	1.04	16.71	0.00	16.71	4.000	No	Yes	2.00
634	12.66	1.99	89.54	2.83	0.55	1.04	18.27	0.00	18.27	4.000	No	Yes	2.00
635	12.68	2.11	88.35	2.82	0.55	1.04	19.40	0.00	19.40	4.000	No	Yes	2.00
636	12.70	2.20	88.74	2.82	0.55	1.04	20.27	0.00	20.27	4.000	No	Yes	2.00
637	12.72	2.23	90.12	2.84	0.55	1.04	20.87	0.00	20.87	4.000	No	Yes	2.00
638	12.74	2.20	92.30	2.87	0.54	1.04	20.85	0.00	20.85	4.000	No	Yes	2.00
639	12.76	2.15	94.00	2.89	0.55	1.03	20.20	0.00	20.20	4.000	No	Yes	2.00
640	12.78	2.10	94.89	2.90	0.55	1.03	19.88	0.00	19.88	4.000	No	Yes	2.00
641	12.80	2.02	95.29	2.90	0.55	1.03	19.45	0.00	19.45	4.000	No	Yes	2.00
642	12.82	1.91	96.58	2.92	0.55	1.03	18.35	0.00	18.35	4.000	No	Yes	2.00
643	12.84	1.76	99.14	2.95	0.56	1.03	16.85	0.00	16.85	4.000	No	Yes	2.00
644	12.86	1.60	100.00	2.98	0.56	1.03	15.25	0.00	15.25	4.000	No	Yes	2.00
645	12.88	1.50	100.00	3.00	0.57	1.03	13.77	0.00	13.77	4.000	No	Yes	2.00
646	12.90	1.45	100.00	2.99	0.57	1.03	13.68	0.00	13.68	4.000	No	Yes	2.00
647	12.92	1.45	100.00	2.97	0.57	1.03	13.69	0.00	13.69	4.000	No	Yes	2.00
648	12.94	1.46	99.68	2.96	0.57	1.03	13.70	0.00	13.70	4.000	No	Yes	2.00
649	12.96	1.48	98.98	2.95	0.57	1.03	13.78	0.00	13.78	4.000	No	Yes	2.00
650	12.98	1.50	98.41	2.94	0.57	1.03	13.95	0.00	13.95	4.000	No	Yes	2.00
651	13.00	1.53	97.73	2.93	0.57	1.02	13.95	0.00	13.95	4.000	No	Yes	2.00
652	13.02	1.59	95.52	2.91	0.57	1.02	14.24	0.00	14.24	4.000	No	Yes	2.00
653	13.04	1.69	91.72	2.86	0.56	1.02	15.40	0.00	15.40	4.000	No	Yes	2.00
654	13.06	1.75	88.90	2.82	0.56	1.02	16.55	0.00	16.55	4.000	No	Yes	2.00
655	13.08	1.73	88.41	2.82	0.56	1.02	15.66	0.00	15.66	4.000	No	Yes	2.00
656	13.10	1.65	89.58	2.83	0.57	1.02	14.77	0.00	14.77	4.000	No	Yes	2.00
657	13.12	1.58	89.48	2.83	0.57	1.02	13.79	0.00	13.79	4.000	No	Yes	2.00
658	13.14	1.50	88.74	2.82	0.57	1.02	13.30	0.00	13.30	4.000	No	Yes	2.00
659	13.16	1.46	86.97	2.80	0.58	1.02	12.58	0.00	12.58	4.000	No	Yes	2.00
660	13.18	1.42	86.07	2.79	0.58	1.02	12.52	0.00	12.52	4.000	No	Yes	2.00
661	13.20	1.39	85.88	2.79	0.58	1.02	12.28	0.00	12.28	4.000	No	Yes	2.00
662	13.22	1.35	86.98	2.80	0.58	1.02	11.53	0.00	11.53	4.000	No	Yes	2.00
663	13.24	1.32	88.09	2.81	0.58	1.01	11.31	0.00	11.31	4.000	No	Yes	2.00
664	13.26	1.31	88.61	2.82	0.58	1.01	11.30	0.00	11.30	4.000	No	Yes	2.00
665	13.28	1.32	88.20	2.81	0.58	1.01	11.30	0.00	11.30	4.000	No	Yes	2.00
666	13.30	1.33	87.50	2.81	0.58	1.01	11.31	0.00	11.31	4.000	No	Yes	2.00
667	13.32	1.33	86.58	2.79	0.58	1.01	11.39	0.00	11.39	4.000	No	Yes	2.00
668	13.34	1.33	86.63	2.80	0.58	1.01	11.34	0.00	11.34	4.000	No	Yes	2.00
669	13.36	1.32	87.06	2.80	0.58	1.01	11.12	0.00	11.12	4.000	No	Yes	2.00
670	13.38	1.31	87.44	2.81	0.58	1.01	11.11	0.00	11.11	4.000	No	Yes	2.00
671	13.40	1.32	88.03	2.81	0.58	1.01	11.10	0.00	11.10	4.000	No	Yes	2.00
672	13.42	1.32	88.99	2.82	0.58	1.01	11.10	0.00	11.10	4.000	No	Yes	2.00
673	13.44	1.36	88.81	2.82	0.58	1.01	11.18	0.00	11.18	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
674	13.46	1.41	87.62	2.81	0.58	1.01	11.90	0.00	11.90	4.000	No	Yes	2.00
675	13.48	1.45	86.51	2.79	0.58	1.01	12.31	0.00	12.31	4.000	No	Yes	2.00
676	13.50	1.45	86.89	2.80	0.58	1.00	12.19	0.00	12.19	4.000	No	Yes	2.00
677	13.52	1.43	87.89	2.81	0.58	1.00	12.00	0.00	12.00	4.000	No	Yes	2.00
678	13.54	1.43	88.51	2.82	0.58	1.00	11.91	0.00	11.91	4.000	No	Yes	2.00
679	13.56	1.43	88.63	2.82	0.58	1.00	11.96	0.00	11.96	4.000	No	Yes	2.00
680	13.58	1.43	89.21	2.83	0.58	1.00	12.01	0.00	12.01	4.000	No	Yes	2.00
681	13.60	1.47	90.05	2.84	0.58	1.00	12.13	0.00	12.13	4.000	No	Yes	2.00
682	13.62	1.55	88.83	2.82	0.57	1.00	12.68	0.00	12.68	4.000	No	Yes	2.00
683	13.64	1.65	86.41	2.79	0.57	1.00	14.09	0.00	14.09	4.000	No	Yes	2.00
684	13.66	1.76	84.44	2.77	0.57	1.00	14.92	0.00	14.92	4.000	No	Yes	2.00
685	13.68	1.82	84.60	2.77	0.57	1.00	15.56	0.00	15.56	4.000	No	Yes	2.00
686	13.70	1.86	86.38	2.79	0.56	1.00	15.90	0.00	15.90	4.000	No	Yes	2.00
687	13.72	1.90	87.74	2.81	0.56	1.00	15.93	0.00	15.93	4.000	No	Yes	2.00
688	13.74	1.93	88.72	2.82	0.56	0.99	16.50	0.00	16.50	4.000	No	Yes	2.00
689	13.76	1.95	89.45	2.83	0.56	0.99	16.74	0.00	16.74	4.000	No	Yes	2.00
690	13.78	1.95	90.70	2.85	0.56	0.99	16.68	0.00	16.68	4.000	No	Yes	2.00
691	13.80	1.95	91.93	2.86	0.56	0.99	16.70	0.00	16.70	4.000	No	Yes	2.00
692	13.82	1.96	92.14	2.86	0.56	0.99	16.72	0.00	16.72	4.000	No	Yes	2.00
693	13.84	1.98	91.76	2.86	0.56	0.99	17.15	0.00	17.15	4.000	No	Yes	2.00
694	13.86	1.99	91.50	2.86	0.56	0.99	17.25	0.00	17.25	4.000	No	Yes	2.00
695	13.88	1.97	92.27	2.87	0.56	0.99	17.14	0.00	17.14	4.000	No	Yes	2.00
696	13.90	1.94	93.27	2.88	0.56	0.99	16.69	0.00	16.69	4.000	No	Yes	2.00
697	13.92	1.92	94.35	2.89	0.56	0.99	16.50	0.00	16.50	4.000	No	Yes	2.00
698	13.94	1.91	94.87	2.90	0.56	0.99	16.40	0.00	16.40	4.000	No	Yes	2.00
699	13.96	1.91	95.61	2.91	0.56	0.98	16.45	0.00	16.45	4.000	No	Yes	2.00
700	13.98	1.92	96.04	2.91	0.56	0.98	16.51	0.00	16.51	4.000	No	Yes	2.00
701	14.00	1.94	96.01	2.91	0.56	0.98	16.67	0.00	16.67	4.000	No	Yes	2.00
702	14.02	1.97	95.71	2.91	0.56	0.98	17.02	0.00	17.02	4.000	No	Yes	2.00
703	14.04	1.99	95.66	2.91	0.56	0.98	17.16	0.00	17.16	4.000	No	Yes	2.00
704	14.06	2.04	95.05	2.90	0.56	0.98	17.30	0.00	17.30	4.000	No	Yes	2.00
705	14.08	2.08	94.72	2.90	0.55	0.98	18.56	0.00	18.56	4.000	No	Yes	2.00
706	14.10	2.11	94.52	2.89	0.55	0.98	18.46	0.00	18.46	4.000	No	Yes	2.00
707	14.12	2.07	95.86	2.91	0.55	0.98	18.21	0.00	18.21	4.000	No	Yes	2.00
708	14.14	1.98	98.14	2.94	0.55	0.98	17.51	0.00	17.51	4.000	No	Yes	2.00
709	14.16	1.87	100.00	2.98	0.56	0.98	16.19	0.00	16.19	4.000	No	Yes	2.00
710	14.18	1.74	100.00	3.01	0.56	0.98	15.17	0.00	15.17	4.000	No	Yes	2.00
711	14.20	1.64	100.00	3.04	0.57	0.97	14.01	0.00	14.01	4.000	No	Yes	2.00
712	14.22	1.56	100.00	3.05	0.57	0.97	13.43	0.00	13.43	4.000	No	Yes	2.00
713	14.24	1.50	100.00	3.06	0.57	0.97	12.89	0.00	12.89	4.000	No	Yes	2.00
714	14.26	1.47	100.00	3.05	0.57	0.97	12.49	0.00	12.49	4.000	No	Yes	2.00
715	14.28	1.45	100.00	3.04	0.57	0.97	12.47	0.00	12.47	4.000	No	Yes	2.00
716	14.30	1.45	100.00	3.03	0.57	0.97	12.45	0.00	12.45	4.000	No	Yes	2.00
717	14.32	1.45	100.00	3.03	0.57	0.97	12.50	0.00	12.50	4.000	No	Yes	2.00
718	14.34	1.44	100.00	3.04	0.57	0.97	12.37	0.00	12.37	4.000	No	Yes	2.00
719	14.36	1.42	100.00	3.05	0.57	0.97	12.01	0.00	12.01	4.000	No	Yes	2.00
720	14.38	1.39	100.00	3.06	0.57	0.97	11.95	0.00	11.95	4.000	No	Yes	2.00
721	14.40	1.37	100.00	3.07	0.58	0.97	11.62	0.00	11.62	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
722	14.42	1.33	100.00	3.09	0.58	0.96	11.49	0.00	11.49	4.000	No	Yes	2.00
723	14.44	1.30	100.00	3.11	0.58	0.96	10.93	0.00	10.93	4.000	No	Yes	2.00
724	14.46	1.28	100.00	3.13	0.58	0.96	10.81	0.00	10.81	4.000	No	Yes	2.00
725	14.48	1.27	100.00	3.14	0.58	0.96	10.70	0.00	10.70	4.000	No	Yes	2.00
726	14.50	1.26	100.00	3.14	0.58	0.96	10.64	0.00	10.64	4.000	No	Yes	2.00
727	14.52	1.26	100.00	3.14	0.58	0.96	10.63	0.00	10.63	4.000	No	Yes	2.00
728	14.54	1.26	100.00	3.14	0.58	0.96	10.63	0.00	10.63	4.000	No	Yes	2.00
729	14.56	1.26	100.00	3.14	0.58	0.96	10.63	0.00	10.63	4.000	No	Yes	2.00
730	14.58	1.26	100.00	3.14	0.58	0.96	10.65	0.00	10.65	4.000	No	Yes	2.00
731	14.60	1.27	100.00	3.14	0.58	0.96	10.69	0.00	10.69	4.000	No	Yes	2.00
732	14.62	1.27	100.00	3.15	0.58	0.96	10.77	0.00	10.77	4.000	No	Yes	2.00
733	14.64	1.26	100.00	3.16	0.58	0.96	10.62	0.00	10.62	4.000	No	Yes	2.00
734	14.66	1.25	100.00	3.18	0.58	0.95	10.48	0.00	10.48	4.000	No	Yes	2.00
735	14.68	1.24	100.00	3.19	0.58	0.95	10.40	0.00	10.40	4.000	No	Yes	2.00
736	14.70	1.23	100.00	3.20	0.58	0.95	10.36	0.00	10.36	4.000	No	Yes	2.00
737	14.72	1.23	100.00	3.21	0.58	0.95	10.35	0.00	10.35	4.000	No	Yes	2.00
738	14.74	1.23	100.00	3.21	0.58	0.95	10.35	0.00	10.35	4.000	No	Yes	2.00
739	14.76	1.24	100.00	3.21	0.58	0.95	10.35	0.00	10.35	4.000	No	Yes	2.00
740	14.78	1.24	100.00	3.20	0.58	0.95	10.37	0.00	10.37	4.000	No	Yes	2.00
741	14.80	1.24	100.00	3.20	0.58	0.95	10.36	0.00	10.36	4.000	No	Yes	2.00
742	14.82	1.24	100.00	3.20	0.58	0.95	10.38	0.00	10.38	4.000	No	Yes	2.00
743	14.84	1.25	100.00	3.20	0.58	0.95	10.40	0.00	10.40	4.000	No	Yes	2.00
744	14.86	1.25	100.00	3.20	0.58	0.95	10.49	0.00	10.49	4.000	No	Yes	2.00
745	14.88	1.26	100.00	3.20	0.58	0.95	10.50	0.00	10.50	4.000	No	Yes	2.00
746	14.90	1.26	100.00	3.21	0.58	0.95	10.51	0.00	10.51	4.000	No	Yes	2.00
747	14.92	1.27	100.00	3.21	0.58	0.94	10.59	0.00	10.59	4.000	No	Yes	2.00
748	14.94	1.29	100.00	3.20	0.58	0.94	10.69	0.00	10.69	4.000	No	Yes	2.00
749	14.96	1.31	100.00	3.19	0.58	0.94	10.96	0.00	10.96	4.000	No	Yes	2.00
750	14.98	1.33	100.00	3.18	0.58	0.94	11.19	0.00	11.19	4.000	No	Yes	2.00
751	15.00	1.34	100.00	3.17	0.58	0.94	11.23	0.00	11.23	4.000	No	Yes	2.00
752	15.02	1.35	100.00	3.17	0.58	0.94	11.20	0.00	11.20	4.000	No	Yes	2.00
753	15.04	1.35	100.00	3.17	0.58	0.94	11.22	0.00	11.22	4.000	No	Yes	2.00
754	15.06	1.37	100.00	3.16	0.58	0.94	11.23	0.00	11.23	4.000	No	Yes	2.00
755	15.08	1.40	100.00	3.15	0.58	0.94	11.42	0.00	11.42	4.000	No	Yes	2.00
756	15.10	1.42	100.00	3.14	0.58	0.94	11.81	0.00	11.81	4.000	No	Yes	2.00
757	15.12	1.44	100.00	3.13	0.57	0.94	11.95	0.00	11.95	4.000	No	Yes	2.00
758	15.14	1.45	100.00	3.13	0.58	0.94	11.87	0.00	11.87	4.000	No	Yes	2.00
759	15.16	1.45	100.00	3.12	0.57	0.94	11.94	0.00	11.94	4.000	No	Yes	2.00
760	15.18	1.45	100.00	3.11	0.57	0.94	12.00	0.00	12.00	4.000	No	Yes	2.00
761	15.20	1.46	100.00	3.10	0.57	0.93	11.96	0.00	11.96	4.000	No	Yes	2.00
762	15.22	1.46	100.00	3.10	0.57	0.93	11.96	0.00	11.96	4.000	No	Yes	2.00
763	15.24	1.46	100.00	3.09	0.57	0.93	11.95	0.00	11.95	4.000	No	Yes	2.00
764	15.26	1.46	100.00	3.09	0.57	0.93	11.95	0.00	11.95	4.000	No	Yes	2.00
765	15.28	1.48	100.00	3.08	0.57	0.93	11.97	0.00	11.97	4.000	No	Yes	2.00
766	15.30	1.52	100.00	3.06	0.57	0.93	12.39	0.00	12.39	4.000	No	Yes	2.00
767	15.32	1.57	100.00	3.04	0.57	0.93	12.99	0.00	12.99	4.000	No	Yes	2.00
768	15.34	1.59	100.00	3.04	0.57	0.93	13.17	0.00	13.17	4.000	No	Yes	2.00
769	15.36	1.58	100.00	3.04	0.57	0.93	12.85	0.00	12.85	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
770	15.38	1.56	100.00	3.05	0.57	0.93	12.75	0.00	12.75	4.000	No	Yes	2.00
771	15.40	1.55	100.00	3.04	0.57	0.93	12.63	0.00	12.63	4.000	No	Yes	2.00
772	15.42	1.53	100.00	3.04	0.57	0.93	12.57	0.00	12.57	4.000	No	Yes	2.00
773	15.44	1.51	100.00	3.04	0.57	0.93	12.30	0.00	12.30	4.000	No	Yes	2.00
774	15.46	1.48	100.00	3.04	0.57	0.92	11.98	0.00	11.98	4.000	No	Yes	2.00
775	15.48	1.44	100.00	3.04	0.58	0.92	11.73	0.00	11.73	4.000	No	Yes	2.00
776	15.50	1.39	100.00	3.05	0.58	0.92	11.31	0.00	11.31	4.000	No	Yes	2.00
777	15.52	1.34	100.00	3.05	0.58	0.92	10.69	0.00	10.69	4.000	No	Yes	2.00
778	15.54	1.30	100.00	3.04	0.58	0.92	10.62	0.00	10.62	4.000	No	Yes	2.00
779	15.56	1.28	100.00	3.02	0.58	0.92	10.28	0.00	10.28	4.000	No	Yes	2.00
780	15.58	1.26	100.00	3.00	0.58	0.92	10.16	0.00	10.16	4.000	No	Yes	2.00
781	15.60	1.24	100.00	2.97	0.58	0.92	9.88	0.00	9.88	4.000	No	Yes	2.00
782	15.62	1.23	98.46	2.94	0.58	0.92	9.87	0.00	9.87	4.000	No	Yes	2.00
783	15.64	1.21	96.97	2.92	0.58	0.92	9.77	0.00	9.77	4.000	No	Yes	2.00
784	15.66	1.17	96.87	2.92	0.59	0.92	9.40	0.00	9.40	4.000	No	Yes	2.00
785	15.68	1.12	98.72	2.95	0.59	0.92	8.88	0.00	8.88	4.000	No	Yes	2.00
786	15.70	1.07	100.00	2.97	0.59	0.92	8.27	0.00	8.27	4.000	No	Yes	2.00
787	15.72	1.05	100.00	2.99	0.59	0.91	8.25	0.00	8.25	4.000	No	Yes	2.00
788	15.74	1.05	100.00	2.99	0.59	0.91	8.26	0.00	8.26	4.000	No	Yes	2.00
789	15.76	1.06	100.00	3.00	0.59	0.91	8.27	0.00	8.27	4.000	No	Yes	2.00
790	15.78	1.06	100.00	3.01	0.59	0.91	8.30	0.00	8.30	4.000	No	Yes	2.00
791	15.80	1.09	100.00	3.01	0.59	0.91	8.36	0.00	8.36	4.000	No	Yes	2.00
792	15.82	1.11	100.00	3.00	0.59	0.91	8.75	0.00	8.75	4.000	No	Yes	2.00
793	15.84	1.14	100.00	2.99	0.59	0.91	8.92	0.00	8.92	4.000	No	Yes	2.00
794	15.86	1.14	100.00	2.99	0.59	0.91	8.91	0.00	8.91	4.000	No	Yes	2.00
795	15.88	1.14	100.00	3.00	0.59	0.91	8.93	0.00	8.93	4.000	No	Yes	2.00
796	15.90	1.13	100.00	3.00	0.59	0.91	8.80	0.00	8.80	4.000	No	Yes	2.00
797	15.92	1.11	100.00	3.02	0.59	0.91	8.57	0.00	8.57	4.000	No	Yes	2.00
798	15.94	1.10	100.00	3.03	0.59	0.91	8.50	0.00	8.50	4.000	No	Yes	2.00
799	15.96	1.09	100.00	3.05	0.59	0.91	8.49	0.00	8.49	4.000	No	Yes	2.00
800	15.98	1.09	100.00	3.05	0.59	0.91	8.48	0.00	8.48	4.000	No	Yes	2.00
801	16.00	1.10	100.00	3.07	0.59	0.91	8.48	0.00	8.48	4.000	No	Yes	2.00
802	16.02	1.16	100.00	3.03	0.59	0.91	8.48	0.00	8.48	4.000	No	Yes	2.00
803	16.04	1.22	100.00	3.02	0.58	0.91	10.29	0.00	10.29	4.000	No	Yes	2.00
804	16.06	1.30	100.00	3.01	0.58	0.91	10.16	0.00	10.16	4.000	No	Yes	2.00
805	16.08	1.35	100.00	3.03	0.58	0.91	10.78	0.00	10.78	4.000	No	Yes	2.00
806	16.10	1.46	100.00	3.00	0.58	0.91	11.40	0.00	11.40	4.000	No	Yes	2.00
807	16.12	1.84	90.01	2.84	0.57	0.91	12.89	0.00	12.89	4.000	No	Yes	2.00
808	16.14	2.39	74.44	2.64	0.55	0.91	21.03	0.00	21.03	4.000	No	Yes	2.00
809	16.16	2.95	63.02	2.50	0.53	0.91	27.31	57.11	84.42	0.120	No	No	0.56
810	16.18	3.19	58.95	2.45	0.53	0.91	29.02	56.57	85.59	0.121	No	No	0.56
811	16.20	3.24	59.43	2.46	0.53	0.91	28.46	56.54	85.01	0.121	No	No	0.56
812	16.22	3.25	60.20	2.46	0.53	0.91	28.77	56.83	85.60	0.121	No	No	0.56
813	16.24	3.38	58.28	2.44	0.53	0.91	29.06	56.40	85.46	0.121	No	No	0.56
814	16.26	3.71	52.40	2.37	0.53	0.91	31.76	55.30	87.07	0.123	No	No	0.57
815	16.28	4.24	44.85	2.27	0.52	0.91	37.26	53.60	90.86	0.127	No	No	0.60
816	16.30	4.75	38.94	2.20	0.51	0.91	43.52	51.73	95.25	0.132	No	No	0.62
817	16.32	5.12	35.40	2.16	0.51	0.91	45.90	49.67	95.57	0.132	No	No	0.63

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
818	16.34	5.32	35.79	2.16	0.50	0.91	47.57	50.36	97.93	0.135	No	No	0.64
819	16.36	5.50	37.22	2.18	0.50	0.91	48.89	51.78	100.67	0.138	No	No	0.67
820	16.38	5.73	37.50	2.18	0.49	0.91	50.78	52.42	103.20	0.142	No	No	0.69
821	16.40	6.09	33.10	2.13	0.49	0.91	53.83	49.41	103.24	0.142	No	No	0.69
822	16.42	6.54	26.15	2.04	0.50	0.91	58.65	42.17	100.81	0.139	No	No	0.67
823	16.44	7.09	18.01	1.94	0.52	0.90	62.32	27.47	89.79	0.125	No	No	0.59
824	16.46	7.55	13.05	1.88	0.54	0.90	67.87	14.94	82.81	0.119	No	No	0.55
825	16.48	7.82	10.87	1.85	0.55	0.90	70.20	9.05	79.26	0.115	No	No	0.53
826	16.50	7.73	11.58	1.86	0.55	0.90	68.89	10.91	79.80	0.116	No	No	0.54
827	16.52	7.37	14.33	1.89	0.54	0.90	65.41	18.32	83.73	0.119	No	No	0.56
828	16.54	7.02	18.49	1.94	0.52	0.90	60.93	28.42	89.35	0.125	No	No	0.59
829	16.56	6.80	22.54	1.99	0.51	0.90	59.94	36.54	96.48	0.133	No	No	0.64
830	16.58	6.75	25.38	2.03	0.50	0.90	59.97	41.26	101.23	0.139	No	No	0.67
831	16.60	6.75	26.47	2.04	0.49	0.90	59.95	42.87	102.82	0.141	No	No	0.69
832	16.62	6.75	26.81	2.05	0.49	0.90	59.94	43.35	103.29	0.142	No	No	0.69
833	16.64	6.77	26.63	2.05	0.49	0.90	59.92	43.09	103.00	0.141	No	No	0.69
834	16.66	6.75	28.22	2.07	0.49	0.90	60.43	45.34	105.77	0.145	No	No	0.71
835	16.68	6.66	30.97	2.10	0.48	0.90	59.49	48.42	107.91	0.149	No	No	0.73
836	16.70	6.52	33.90	2.14	0.48	0.90	57.49	50.96	108.44	0.150	No	No	0.74
837	16.72	6.35	36.48	2.17	0.48	0.90	56.62	52.99	109.62	0.152	No	No	0.75
838	16.74	6.10	39.91	2.21	0.48	0.90	55.13	55.17	110.30	0.153	No	No	0.76
839	16.76	5.86	43.24	2.25	0.48	0.90	50.48	56.08	106.56	0.147	No	No	0.72
840	16.78	5.67	44.48	2.27	0.48	0.90	50.14	56.68	106.82	0.147	No	No	0.73
841	16.80	5.69	42.92	2.25	0.49	0.90	49.94	55.76	105.71	0.145	No	No	0.72
842	16.82	5.76	41.07	2.23	0.49	0.90	50.67	54.84	105.51	0.145	No	No	0.71
843	16.84	6.22	36.60	2.17	0.49	0.90	51.35	51.87	103.22	0.142	No	No	0.69
844	16.86	6.66	32.36	2.12	0.47	0.90	62.11	50.45	112.56	0.157	No	No	0.79
845	16.88	6.60	31.51	2.11	0.47	0.90	62.07	49.55	111.63	0.155	No	No	0.78
846	16.90	5.68	38.43	2.19	0.49	0.90	50.19	52.96	103.15	0.142	No	No	0.70
847	16.92	4.40	51.73	2.36	0.51	0.89	37.46	56.59	94.05	0.130	No	No	0.63
848	16.94	3.33	66.91	2.55	0.53	0.89	27.98	58.16	86.14	0.122	No	No	0.58
849	16.96	2.70	78.63	2.70	0.55	0.88	21.50	0.00	21.50	4.000	No	Yes	2.00
850	16.98	2.41	85.49	2.78	0.55	0.88	20.69	0.00	20.69	4.000	No	Yes	2.00
851	17.00	2.35	86.38	2.79	0.55	0.88	20.30	0.00	20.30	4.000	No	Yes	2.00
852	17.02	2.37	84.89	2.77	0.55	0.88	19.92	0.00	19.92	4.000	No	Yes	2.00
853	17.04	2.34	83.75	2.76	0.55	0.88	20.58	0.00	20.58	4.000	No	Yes	2.00
854	17.06	2.23	85.62	2.78	0.55	0.88	19.37	0.00	19.37	4.000	No	Yes	2.00
855	17.08	1.99	92.22	2.87	0.56	0.88	16.73	0.00	16.73	4.000	No	Yes	2.00
856	17.10	1.81	97.15	2.93	0.57	0.87	14.12	0.00	14.12	4.000	No	Yes	2.00
857	17.12	1.74	99.12	2.95	0.57	0.87	14.11	0.00	14.11	4.000	No	Yes	2.00
858	17.14	1.76	97.03	2.93	0.57	0.87	14.09	0.00	14.09	4.000	No	Yes	2.00
859	17.16	1.77	95.60	2.91	0.57	0.87	14.15	0.00	14.15	4.000	No	Yes	2.00
860	17.18	1.75	95.31	2.90	0.57	0.87	14.06	0.00	14.06	4.000	No	Yes	2.00
861	17.20	1.71	95.92	2.91	0.57	0.87	13.29	0.00	13.29	4.000	No	Yes	2.00
862	17.22	1.68	96.79	2.92	0.57	0.87	13.25	0.00	13.25	4.000	No	Yes	2.00
863	17.24	1.69	96.60	2.92	0.57	0.87	13.23	0.00	13.23	4.000	No	Yes	2.00
864	17.26	1.70	96.15	2.91	0.57	0.87	13.28	0.00	13.28	4.000	No	Yes	2.00
865	17.28	1.73	96.01	2.91	0.57	0.87	13.34	0.00	13.34	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
866	17.30	1.73	96.75	2.92	0.57	0.87	13.46	0.00	13.46	4.000	No	Yes	2.00
867	17.32	1.71	98.56	2.94	0.57	0.87	13.27	0.00	13.27	4.000	No	Yes	2.00
868	17.34	1.66	100.00	2.97	0.57	0.87	12.64	0.00	12.64	4.000	No	Yes	2.00
869	17.36	1.61	100.00	2.99	0.57	0.86	12.17	0.00	12.17	4.000	No	Yes	2.00
870	17.38	1.58	100.00	3.00	0.57	0.86	12.03	0.00	12.03	4.000	No	Yes	2.00
871	17.40	1.57	100.00	3.00	0.57	0.86	11.96	0.00	11.96	4.000	No	Yes	2.00
872	17.42	1.57	100.00	3.00	0.57	0.86	11.92	0.00	11.92	4.000	No	Yes	2.00
873	17.44	1.57	100.00	3.01	0.58	0.86	11.89	0.00	11.89	4.000	No	Yes	2.00
874	17.46	1.56	100.00	3.01	0.57	0.86	11.94	0.00	11.94	4.000	No	Yes	2.00
875	17.48	1.54	100.00	3.02	0.58	0.86	11.69	0.00	11.69	4.000	No	Yes	2.00
876	17.50	1.50	100.00	3.04	0.58	0.86	11.44	0.00	11.44	4.000	No	Yes	2.00
877	17.52	1.46	100.00	3.06	0.58	0.86	11.06	0.00	11.06	4.000	No	Yes	2.00
878	17.54	1.43	100.00	3.07	0.58	0.86	10.71	0.00	10.71	4.000	No	Yes	2.00
879	17.56	1.41	100.00	3.07	0.58	0.86	10.89	0.00	10.89	4.000	No	Yes	2.00
880	17.58	1.39	100.00	3.08	0.58	0.86	10.50	0.00	10.50	4.000	No	Yes	2.00
881	17.60	1.37	100.00	3.09	0.58	0.86	10.27	0.00	10.27	4.000	No	Yes	2.00
882	17.62	1.35	100.00	3.09	0.58	0.86	10.28	0.00	10.28	4.000	No	Yes	2.00
883	17.64	1.34	100.00	3.09	0.58	0.86	10.07	0.00	10.07	4.000	No	Yes	2.00
884	17.66	1.32	100.00	3.09	0.58	0.85	9.88	0.00	9.88	4.000	No	Yes	2.00
885	17.68	1.31	100.00	3.10	0.58	0.85	9.86	0.00	9.86	4.000	No	Yes	2.00
886	17.70	1.32	100.00	3.10	0.58	0.85	9.85	0.00	9.85	4.000	No	Yes	2.00
887	17.72	1.32	100.00	3.10	0.58	0.85	9.84	0.00	9.84	4.000	No	Yes	2.00
888	17.74	1.33	100.00	3.09	0.58	0.85	9.84	0.00	9.84	4.000	No	Yes	2.00
889	17.76	1.33	100.00	3.09	0.58	0.85	9.91	0.00	9.91	4.000	No	Yes	2.00
890	17.78	1.33	100.00	3.10	0.58	0.85	9.83	0.00	9.83	4.000	No	Yes	2.00
891	17.80	1.32	100.00	3.10	0.58	0.85	9.78	0.00	9.78	4.000	No	Yes	2.00
892	17.82	1.32	100.00	3.10	0.58	0.85	9.77	0.00	9.77	4.000	No	Yes	2.00
893	17.84	1.32	100.00	3.11	0.58	0.85	9.77	0.00	9.77	4.000	No	Yes	2.00
894	17.86	1.33	100.00	3.10	0.58	0.85	9.77	0.00	9.77	4.000	No	Yes	2.00
895	17.88	1.35	100.00	3.10	0.58	0.85	9.86	0.00	9.86	4.000	No	Yes	2.00
896	17.90	1.38	100.00	3.10	0.58	0.85	10.21	0.00	10.21	4.000	No	Yes	2.00
897	17.92	1.40	100.00	3.10	0.58	0.85	10.33	0.00	10.33	4.000	No	Yes	2.00
898	17.94	1.42	100.00	3.11	0.58	0.85	10.48	0.00	10.48	4.000	No	Yes	2.00
899	17.96	1.43	100.00	3.12	0.58	0.85	10.64	0.00	10.64	4.000	No	Yes	2.00
900	17.98	1.42	100.00	3.13	0.58	0.85	10.57	0.00	10.57	4.000	No	Yes	2.00
901	18.00	1.40	100.00	3.14	0.58	0.85	10.25	0.00	10.25	4.000	No	Yes	2.00
902	18.02	1.38	100.00	3.14	0.58	0.84	10.18	0.00	10.18	4.000	No	Yes	2.00
903	18.04	1.38	100.00	3.13	0.58	0.84	10.16	0.00	10.16	4.000	No	Yes	2.00
904	18.06	1.38	100.00	3.12	0.58	0.84	10.16	0.00	10.16	4.000	No	Yes	2.00
905	18.08	1.38	100.00	3.11	0.58	0.84	10.15	0.00	10.15	4.000	No	Yes	2.00
906	18.10	1.38	100.00	3.11	0.58	0.84	10.15	0.00	10.15	4.000	No	Yes	2.00
907	18.12	1.40	100.00	3.10	0.58	0.84	10.15	0.00	10.15	4.000	No	Yes	2.00
908	18.14	1.43	100.00	3.08	0.58	0.84	10.46	0.00	10.46	4.000	No	Yes	2.00
909	18.16	1.49	100.00	3.05	0.58	0.84	10.85	0.00	10.85	4.000	No	Yes	2.00
910	18.18	1.55	100.00	3.03	0.58	0.84	11.46	0.00	11.46	4.000	No	Yes	2.00
911	18.20	1.59	100.00	3.03	0.58	0.84	11.75	0.00	11.75	4.000	No	Yes	2.00
912	18.22	1.60	100.00	3.04	0.58	0.84	11.84	0.00	11.84	4.000	No	Yes	2.00
913	18.24	1.59	100.00	3.05	0.58	0.84	11.75	0.00	11.75	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
914	18.26	1.57	100.00	3.06	0.58	0.84	11.46	0.00	11.46	4.000	No	Yes	2.00
915	18.28	1.56	100.00	3.07	0.58	0.84	11.45	0.00	11.45	4.000	No	Yes	2.00
916	18.30	1.56	100.00	3.07	0.58	0.84	11.45	0.00	11.45	4.000	No	Yes	2.00
917	18.32	1.56	100.00	3.07	0.58	0.84	11.44	0.00	11.44	4.000	No	Yes	2.00
918	18.34	1.56	100.00	3.06	0.58	0.84	11.45	0.00	11.45	4.000	No	Yes	2.00
919	18.36	1.58	100.00	3.06	0.58	0.84	11.57	0.00	11.57	4.000	No	Yes	2.00
920	18.38	1.60	100.00	3.05	0.58	0.84	11.74	0.00	11.74	4.000	No	Yes	2.00
921	18.40	1.60	100.00	3.05	0.57	0.84	11.91	0.00	11.91	4.000	No	Yes	2.00
922	18.42	1.59	100.00	3.06	0.58	0.84	11.64	0.00	11.64	4.000	No	Yes	2.00
923	18.44	1.58	100.00	3.07	0.58	0.83	11.63	0.00	11.63	4.000	No	Yes	2.00
924	18.46	1.58	100.00	3.08	0.58	0.83	11.66	0.00	11.66	4.000	No	Yes	2.00
925	18.48	1.59	100.00	3.08	0.58	0.83	11.70	0.00	11.70	4.000	No	Yes	2.00
926	18.50	1.60	100.00	3.09	0.58	0.83	11.77	0.00	11.77	4.000	No	Yes	2.00
927	18.52	1.64	100.00	3.08	0.57	0.83	11.93	0.00	11.93	4.000	No	Yes	2.00
928	18.54	1.68	100.00	3.07	0.57	0.83	12.35	0.00	12.35	4.000	No	Yes	2.00
929	18.56	1.72	100.00	3.07	0.57	0.83	12.77	0.00	12.77	4.000	No	Yes	2.00
930	18.58	1.74	100.00	3.07	0.57	0.83	12.82	0.00	12.82	4.000	No	Yes	2.00
931	18.60	1.73	100.00	3.08	0.57	0.83	12.85	0.00	12.85	4.000	No	Yes	2.00
932	18.62	1.71	100.00	3.10	0.57	0.83	12.63	0.00	12.63	4.000	No	Yes	2.00
933	18.64	1.66	100.00	3.11	0.57	0.83	12.24	0.00	12.24	4.000	No	Yes	2.00
934	18.66	1.63	100.00	3.11	0.58	0.83	11.88	0.00	11.88	4.000	No	Yes	2.00
935	18.68	1.61	100.00	3.10	0.58	0.83	11.86	0.00	11.86	4.000	No	Yes	2.00
936	18.70	1.61	100.00	3.09	0.58	0.83	11.86	0.00	11.86	4.000	No	Yes	2.00
937	18.72	1.62	100.00	3.07	0.58	0.83	11.86	0.00	11.86	4.000	No	Yes	2.00
938	18.74	1.64	100.00	3.04	0.57	0.83	11.91	0.00	11.91	4.000	No	Yes	2.00
939	18.76	1.76	100.00	2.98	0.57	0.83	12.38	0.00	12.38	4.000	No	Yes	2.00
940	18.78	1.95	93.25	2.88	0.57	0.83	14.43	0.00	14.43	4.000	No	Yes	2.00
941	18.80	2.11	86.38	2.79	0.56	0.83	16.27	0.00	16.27	4.000	No	Yes	2.00
942	18.82	2.18	82.96	2.75	0.56	0.83	16.63	0.00	16.63	4.000	No	Yes	2.00
943	18.84	2.17	82.45	2.74	0.56	0.83	16.33	0.00	16.33	4.000	No	Yes	2.00
944	18.86	2.16	82.83	2.75	0.56	0.83	16.30	0.00	16.30	4.000	No	Yes	2.00
945	18.88	2.16	82.90	2.75	0.56	0.83	16.29	0.00	16.29	4.000	No	Yes	2.00
946	18.90	2.16	83.10	2.75	0.56	0.83	16.29	0.00	16.29	4.000	No	Yes	2.00
947	18.92	2.16	83.93	2.76	0.56	0.83	16.28	0.00	16.28	4.000	No	Yes	2.00
948	18.94	2.27	83.21	2.75	0.56	0.83	16.36	0.00	16.36	4.000	No	Yes	2.00
949	18.96	2.40	83.20	2.75	0.55	0.83	18.88	0.00	18.88	4.000	No	Yes	2.00
950	18.98	2.44	84.18	2.76	0.55	0.83	19.11	0.00	19.11	4.000	No	Yes	2.00
951	19.00	2.36	87.91	2.81	0.56	0.83	17.45	0.00	17.45	4.000	No	Yes	2.00
952	19.02	2.24	91.31	2.85	0.56	0.82	16.90	0.00	16.90	4.000	No	Yes	2.00
953	19.04	2.19	93.27	2.88	0.56	0.82	16.35	0.00	16.35	4.000	No	Yes	2.00
954	19.06	2.13	94.62	2.90	0.56	0.82	16.38	0.00	16.38	4.000	No	Yes	2.00
955	19.08	2.07	95.60	2.91	0.56	0.82	15.67	0.00	15.67	4.000	No	Yes	2.00
956	19.10	1.92	98.98	2.95	0.56	0.82	15.18	0.00	15.18	4.000	No	Yes	2.00
957	19.12	1.79	100.00	2.99	0.57	0.82	12.82	0.00	12.82	4.000	No	Yes	2.00
958	19.14	1.69	100.00	3.02	0.57	0.82	12.67	0.00	12.67	4.000	No	Yes	2.00
959	19.16	1.69	100.00	3.00	0.57	0.82	12.64	0.00	12.64	4.000	No	Yes	2.00
960	19.18	1.71	100.00	2.98	0.57	0.82	12.67	0.00	12.67	4.000	No	Yes	2.00
961	19.20	1.72	100.00	2.96	0.57	0.82	12.70	0.00	12.70	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
962	19.22	1.73	99.80	2.96	0.57	0.82	12.77	0.00	12.77	4.000	No	Yes	2.00
963	19.24	1.73	99.76	2.96	0.57	0.82	12.66	0.00	12.66	4.000	No	Yes	2.00
964	19.26	1.72	99.97	2.96	0.57	0.81	12.62	0.00	12.62	4.000	No	Yes	2.00
965	19.28	1.72	99.85	2.96	0.57	0.81	12.58	0.00	12.58	4.000	No	Yes	2.00
966	19.30	1.70	99.82	2.96	0.57	0.81	12.53	0.00	12.53	4.000	No	Yes	2.00
967	19.32	1.68	99.62	2.96	0.57	0.81	12.27	0.00	12.27	4.000	No	Yes	2.00
968	19.34	1.64	99.51	2.96	0.57	0.81	12.01	0.00	12.01	4.000	No	Yes	2.00
969	19.36	1.59	99.42	2.96	0.58	0.81	11.66	0.00	11.66	4.000	No	Yes	2.00
970	19.38	1.52	100.00	2.97	0.58	0.81	11.13	0.00	11.13	4.000	No	Yes	2.00
971	19.40	1.44	100.00	2.99	0.58	0.81	10.32	0.00	10.32	4.000	No	Yes	2.00
972	19.42	1.38	100.00	3.02	0.58	0.81	9.74	0.00	9.74	4.000	No	Yes	2.00
973	19.44	1.35	100.00	3.04	0.58	0.81	9.66	0.00	9.66	4.000	No	Yes	2.00
974	19.46	1.35	100.00	3.05	0.58	0.81	9.62	0.00	9.62	4.000	No	Yes	2.00
975	19.48	1.35	100.00	3.05	0.58	0.81	9.61	0.00	9.61	4.000	No	Yes	2.00
976	19.50	1.36	100.00	3.07	0.58	0.81	9.62	0.00	9.62	4.000	No	Yes	2.00
977	19.52	1.37	100.00	3.09	0.58	0.81	9.62	0.00	9.62	4.000	No	Yes	2.00
978	19.54	1.39	100.00	3.11	0.58	0.81	9.67	0.00	9.67	4.000	No	Yes	2.00
979	19.56	1.42	100.00	3.13	0.58	0.81	10.03	0.00	10.03	4.000	No	Yes	2.00
980	19.58	1.45	100.00	3.14	0.58	0.80	10.17	0.00	10.17	4.000	No	Yes	2.00
981	19.60	1.47	100.00	3.15	0.58	0.80	10.30	0.00	10.30	4.000	No	Yes	2.00
982	19.62	1.49	100.00	3.16	0.58	0.80	10.46	0.00	10.46	4.000	No	Yes	2.00
983	19.64	1.52	100.00	3.17	0.58	0.80	10.74	0.00	10.74	4.000	No	Yes	2.00
984	19.66	1.56	100.00	3.16	0.58	0.80	10.94	0.00	10.94	4.000	No	Yes	2.00
985	19.68	1.60	100.00	3.16	0.58	0.80	11.37	0.00	11.37	4.000	No	Yes	2.00
986	19.70	1.63	100.00	3.16	0.58	0.80	11.78	0.00	11.78	4.000	No	Yes	2.00
987	19.72	1.66	100.00	3.16	0.58	0.80	11.89	0.00	11.89	4.000	No	Yes	2.00
988	19.74	1.67	100.00	3.15	0.57	0.80	12.01	0.00	12.01	4.000	No	Yes	2.00
989	19.76	1.69	100.00	3.15	0.57	0.80	12.21	0.00	12.21	4.000	No	Yes	2.00
990	19.78	1.70	100.00	3.15	0.57	0.80	12.41	0.00	12.41	4.000	No	Yes	2.00
991	19.80	1.72	100.00	3.15	0.57	0.80	12.35	0.00	12.35	4.000	No	Yes	2.00
992	19.82	1.76	100.00	3.14	0.57	0.80	12.92	0.00	12.92	4.000	No	Yes	2.00
993	19.84	1.82	100.00	3.12	0.57	0.80	13.43	0.00	13.43	4.000	No	Yes	2.00
994	19.86	1.88	100.00	3.12	0.57	0.80	13.76	0.00	13.76	4.000	No	Yes	2.00
995	19.88	1.93	100.00	3.11	0.57	0.80	14.18	0.00	14.18	4.000	No	Yes	2.00
996	19.90	1.99	100.00	3.08	0.56	0.80	14.70	0.00	14.70	4.000	No	Yes	2.00
997	19.92	2.03	100.00	3.04	0.56	0.80	15.11	0.00	15.11	4.000	No	Yes	2.00

Abbreviations

Depth:	Depth from free surface, at which CPT was performed (m)
q_t :	Total cone resistance
FC:	Fines content (%)
I_c :	Soil behavior type index
m:	Stress exponent
C_N :	Overburden correction factor
q_{c1N} :	Normalized and adjusted cone resistance
Δq_{c1N} :	Cone resistance correction factor due to fines
$q_{c1N,cs}$:	Normalized and adjusted cone resistance
CRR _{7.5} :	Cyclic resistance ratio for $M_w=7.5$
FS:	Factor of safety against soil liquefaction

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
0.02	2.00	0.00	9.99	0.02	0.00	0.04	2.00	0.00	9.98	0.02	0.00
0.06	2.00	0.00	9.97	0.02	0.00	0.08	2.00	0.00	9.96	0.02	0.00
0.10	2.00	0.00	9.95	0.02	0.00	0.12	2.00	0.00	9.94	0.02	0.00
0.14	2.00	0.00	9.93	0.02	0.00	0.16	2.00	0.00	9.92	0.02	0.00
0.18	2.00	0.00	9.91	0.02	0.00	0.20	2.00	0.00	9.90	0.02	0.00
0.22	2.00	0.00	9.89	0.02	0.00	0.24	2.00	0.00	9.88	0.02	0.00
0.26	2.00	0.00	9.87	0.02	0.00	0.28	2.00	0.00	9.86	0.02	0.00
0.30	2.00	0.00	9.85	0.02	0.00	0.32	2.00	0.00	9.84	0.02	0.00
0.34	2.00	0.00	9.83	0.02	0.00	0.36	2.00	0.00	9.82	0.02	0.00
0.38	2.00	0.00	9.81	0.02	0.00	0.40	2.00	0.00	9.80	0.02	0.00
0.42	2.00	0.00	9.79	0.02	0.00	0.44	2.00	0.00	9.78	0.02	0.00
0.46	2.00	0.00	9.77	0.02	0.00	0.48	2.00	0.00	9.76	0.02	0.00
0.50	2.00	0.00	9.75	0.02	0.00	0.52	2.00	0.00	9.74	0.02	0.00
0.54	2.00	0.00	9.73	0.02	0.00	0.56	2.00	0.00	9.72	0.02	0.00
0.58	2.00	0.00	9.71	0.02	0.00	0.60	2.00	0.00	9.70	0.02	0.00
0.62	2.00	0.00	9.69	0.02	0.00	0.64	2.00	0.00	9.68	0.02	0.00
0.66	2.00	0.00	9.67	0.02	0.00	0.68	2.00	0.00	9.66	0.02	0.00
0.70	2.00	0.00	9.65	0.02	0.00	0.72	2.00	0.00	9.64	0.02	0.00
0.74	2.00	0.00	9.63	0.02	0.00	0.76	2.00	0.00	9.62	0.02	0.00
0.78	2.00	0.00	9.61	0.02	0.00	0.80	2.00	0.00	9.60	0.02	0.00
0.82	2.00	0.00	9.59	0.02	0.00	0.84	2.00	0.00	9.58	0.02	0.00
0.86	2.00	0.00	9.57	0.02	0.00	0.88	2.00	0.00	9.56	0.02	0.00
0.90	2.00	0.00	9.55	0.02	0.00	0.92	2.00	0.00	9.54	0.02	0.00
0.94	2.00	0.00	9.53	0.02	0.00	0.96	2.00	0.00	9.52	0.02	0.00
0.98	2.00	0.00	9.51	0.02	0.00	1.00	2.00	0.00	9.50	0.02	0.00
1.02	2.00	0.00	9.49	0.02	0.00	1.04	2.00	0.00	9.48	0.02	0.00
1.06	2.00	0.00	9.47	0.02	0.00	1.08	2.00	0.00	9.46	0.02	0.00
1.10	2.00	0.00	9.45	0.02	0.00	1.12	2.00	0.00	9.44	0.02	0.00
1.14	2.00	0.00	9.43	0.02	0.00	1.16	2.00	0.00	9.42	0.02	0.00
1.18	2.00	0.00	9.41	0.02	0.00	1.20	2.00	0.00	9.40	0.02	0.00
1.22	2.00	0.00	9.39	0.02	0.00	1.24	2.00	0.00	9.38	0.02	0.00
1.26	2.00	0.00	9.37	0.02	0.00	1.28	2.00	0.00	9.36	0.02	0.00
1.30	2.00	0.00	9.35	0.02	0.00	1.32	2.00	0.00	9.34	0.02	0.00
1.34	2.00	0.00	9.33	0.02	0.00	1.36	2.00	0.00	9.32	0.02	0.00
1.38	2.00	0.00	9.31	0.02	0.00	1.40	2.00	0.00	9.30	0.02	0.00
1.42	2.00	0.00	9.29	0.02	0.00	1.44	2.00	0.00	9.28	0.02	0.00
1.46	2.00	0.00	9.27	0.02	0.00	1.48	2.00	0.00	9.26	0.02	0.00
1.50	2.00	0.00	9.25	0.02	0.00	1.52	2.00	0.00	9.24	0.02	0.00
1.54	2.00	0.00	9.23	0.02	0.00	1.56	2.00	0.00	9.22	0.02	0.00
1.58	2.00	0.00	9.21	0.02	0.00	1.60	2.00	0.00	9.20	0.02	0.00
1.62	2.00	0.00	9.19	0.02	0.00	1.64	2.00	0.00	9.18	0.02	0.00
1.66	2.00	0.00	9.17	0.02	0.00	1.68	0.58	0.42	9.16	0.02	0.08
1.70	0.65	0.35	9.15	0.02	0.06	1.72	0.67	0.33	9.14	0.02	0.06
1.74	0.61	0.39	9.13	0.02	0.07	1.76	0.54	0.46	9.12	0.02	0.08
1.78	0.50	0.50	9.11	0.02	0.09	1.80	0.48	0.52	9.10	0.02	0.09
1.82	0.46	0.54	9.09	0.02	0.10	1.84	0.46	0.54	9.08	0.02	0.10
1.86	0.45	0.55	9.07	0.02	0.10	1.88	0.45	0.55	9.06	0.02	0.10
1.90	0.46	0.54	9.05	0.02	0.10	1.92	0.48	0.52	9.04	0.02	0.09

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
1.94	0.49	0.51	9.03	0.02	0.09	1.96	0.50	0.50	9.02	0.02	0.09
1.98	0.51	0.49	9.01	0.02	0.09	2.00	0.53	0.47	9.00	0.02	0.09
2.02	0.55	0.45	8.99	0.02	0.08	2.04	0.56	0.44	8.98	0.02	0.08
2.06	0.57	0.43	8.97	0.02	0.08	2.08	0.58	0.42	8.96	0.02	0.08
2.10	0.58	0.42	8.95	0.02	0.08	2.12	0.58	0.42	8.94	0.02	0.07
2.14	0.58	0.42	8.93	0.02	0.07	2.16	0.58	0.42	8.92	0.02	0.07
2.18	0.58	0.42	8.91	0.02	0.07	2.20	0.58	0.42	8.90	0.02	0.07
2.22	0.58	0.42	8.89	0.02	0.08	2.24	0.59	0.41	8.88	0.02	0.07
2.26	0.60	0.40	8.87	0.02	0.07	2.28	0.61	0.39	8.86	0.02	0.07
2.30	0.61	0.39	8.85	0.02	0.07	2.32	0.62	0.38	8.84	0.02	0.07
2.34	0.64	0.36	8.83	0.02	0.06	2.36	0.66	0.34	8.82	0.02	0.06
2.38	0.65	0.35	8.81	0.02	0.06	2.40	0.59	0.41	8.80	0.02	0.07
2.42	0.56	0.44	8.79	0.02	0.08	2.44	0.55	0.45	8.78	0.02	0.08
2.46	0.54	0.46	8.77	0.02	0.08	2.48	2.00	0.00	8.76	0.02	0.00
2.50	2.00	0.00	8.75	0.02	0.00	2.52	2.00	0.00	8.74	0.02	0.00
2.54	2.00	0.00	8.73	0.02	0.00	2.56	2.00	0.00	8.72	0.02	0.00
2.58	2.00	0.00	8.71	0.02	0.00	2.60	2.00	0.00	8.70	0.02	0.00
2.62	2.00	0.00	8.69	0.02	0.00	2.64	2.00	0.00	8.68	0.02	0.00
2.66	2.00	0.00	8.67	0.02	0.00	2.68	2.00	0.00	8.66	0.02	0.00
2.70	2.00	0.00	8.65	0.02	0.00	2.72	2.00	0.00	8.64	0.02	0.00
2.74	2.00	0.00	8.63	0.02	0.00	2.76	2.00	0.00	8.62	0.02	0.00
2.78	2.00	0.00	8.61	0.02	0.00	2.80	2.00	0.00	8.60	0.02	0.00
2.82	2.00	0.00	8.59	0.02	0.00	2.84	2.00	0.00	8.58	0.02	0.00
2.86	2.00	0.00	8.57	0.02	0.00	2.88	2.00	0.00	8.56	0.02	0.00
2.90	2.00	0.00	8.55	0.02	0.00	2.92	2.00	0.00	8.54	0.02	0.00
2.94	2.00	0.00	8.53	0.02	0.00	2.96	2.00	0.00	8.52	0.02	0.00
2.98	2.00	0.00	8.51	0.02	0.00	3.00	2.00	0.00	8.50	0.02	0.00
3.02	2.00	0.00	8.49	0.02	0.00	3.04	2.00	0.00	8.48	0.02	0.00
3.06	2.00	0.00	8.47	0.02	0.00	3.08	2.00	0.00	8.46	0.02	0.00
3.10	2.00	0.00	8.45	0.02	0.00	3.12	2.00	0.00	8.44	0.02	0.00
3.14	2.00	0.00	8.43	0.02	0.00	3.16	2.00	0.00	8.42	0.02	0.00
3.18	2.00	0.00	8.41	0.02	0.00	3.20	2.00	0.00	8.40	0.02	0.00
3.22	2.00	0.00	8.39	0.02	0.00	3.24	2.00	0.00	8.38	0.02	0.00
3.26	2.00	0.00	8.37	0.02	0.00	3.28	2.00	0.00	8.36	0.02	0.00
3.30	2.00	0.00	8.35	0.02	0.00	3.32	2.00	0.00	8.34	0.02	0.00
3.34	2.00	0.00	8.33	0.02	0.00	3.36	2.00	0.00	8.32	0.02	0.00
3.38	2.00	0.00	8.31	0.02	0.00	3.40	2.00	0.00	8.30	0.02	0.00
3.42	2.00	0.00	8.29	0.02	0.00	3.44	2.00	0.00	8.28	0.02	0.00
3.46	2.00	0.00	8.27	0.02	0.00	3.48	2.00	0.00	8.26	0.02	0.00
3.50	2.00	0.00	8.25	0.02	0.00	3.52	2.00	0.00	8.24	0.02	0.00
3.54	2.00	0.00	8.23	0.02	0.00	3.56	2.00	0.00	8.22	0.02	0.00
3.58	2.00	0.00	8.21	0.02	0.00	3.60	2.00	0.00	8.20	0.02	0.00
3.62	2.00	0.00	8.19	0.02	0.00	3.64	2.00	0.00	8.18	0.02	0.00
3.66	2.00	0.00	8.17	0.02	0.00	3.68	2.00	0.00	8.16	0.02	0.00
3.70	2.00	0.00	8.15	0.02	0.00	3.72	2.00	0.00	8.14	0.02	0.00
3.74	2.00	0.00	8.13	0.02	0.00	3.76	2.00	0.00	8.12	0.02	0.00
3.78	2.00	0.00	8.11	0.02	0.00	3.80	2.00	0.00	8.10	0.02	0.00
3.82	2.00	0.00	8.09	0.02	0.00	3.84	2.00	0.00	8.08	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
3.86	2.00	0.00	8.07	0.02	0.00	3.88	2.00	0.00	8.06	0.02	0.00
3.90	2.00	0.00	8.05	0.02	0.00	3.92	2.00	0.00	8.04	0.02	0.00
3.94	2.00	0.00	8.03	0.02	0.00	3.96	2.00	0.00	8.02	0.02	0.00
3.98	2.00	0.00	8.01	0.02	0.00	4.00	2.00	0.00	8.00	0.02	0.00
4.02	2.00	0.00	7.99	0.02	0.00	4.04	2.00	0.00	7.98	0.02	0.00
4.06	2.00	0.00	7.97	0.02	0.00	4.08	2.00	0.00	7.96	0.02	0.00
4.10	2.00	0.00	7.95	0.02	0.00	4.12	2.00	0.00	7.94	0.02	0.00
4.14	2.00	0.00	7.93	0.02	0.00	4.16	2.00	0.00	7.92	0.02	0.00
4.18	2.00	0.00	7.91	0.02	0.00	4.20	2.00	0.00	7.90	0.02	0.00
4.22	2.00	0.00	7.89	0.02	0.00	4.24	2.00	0.00	7.88	0.02	0.00
4.26	2.00	0.00	7.87	0.02	0.00	4.28	2.00	0.00	7.86	0.02	0.00
4.30	2.00	0.00	7.85	0.02	0.00	4.32	2.00	0.00	7.84	0.02	0.00
4.34	2.00	0.00	7.83	0.02	0.00	4.36	2.00	0.00	7.82	0.02	0.00
4.38	2.00	0.00	7.81	0.02	0.00	4.40	2.00	0.00	7.80	0.02	0.00
4.42	2.00	0.00	7.79	0.02	0.00	4.44	2.00	0.00	7.78	0.02	0.00
4.46	2.00	0.00	7.77	0.02	0.00	4.48	2.00	0.00	7.76	0.02	0.00
4.50	2.00	0.00	7.75	0.02	0.00	4.52	2.00	0.00	7.74	0.02	0.00
4.54	2.00	0.00	7.73	0.02	0.00	4.56	2.00	0.00	7.72	0.02	0.00
4.58	2.00	0.00	7.71	0.02	0.00	4.60	2.00	0.00	7.70	0.02	0.00
4.62	2.00	0.00	7.69	0.02	0.00	4.64	2.00	0.00	7.68	0.02	0.00
4.66	2.00	0.00	7.67	0.02	0.00	4.68	2.00	0.00	7.66	0.02	0.00
4.70	2.00	0.00	7.65	0.02	0.00	4.72	2.00	0.00	7.64	0.02	0.00
4.74	2.00	0.00	7.63	0.02	0.00	4.76	2.00	0.00	7.62	0.02	0.00
4.78	2.00	0.00	7.61	0.02	0.00	4.80	2.00	0.00	7.60	0.02	0.00
4.82	2.00	0.00	7.59	0.02	0.00	4.84	2.00	0.00	7.58	0.02	0.00
4.86	2.00	0.00	7.57	0.02	0.00	4.88	2.00	0.00	7.56	0.02	0.00
4.90	2.00	0.00	7.55	0.02	0.00	4.92	2.00	0.00	7.54	0.02	0.00
4.94	2.00	0.00	7.53	0.02	0.00	4.96	2.00	0.00	7.52	0.02	0.00
4.98	2.00	0.00	7.51	0.02	0.00	5.00	2.00	0.00	7.50	0.02	0.00
5.02	2.00	0.00	7.49	0.02	0.00	5.04	2.00	0.00	7.48	0.02	0.00
5.06	2.00	0.00	7.47	0.02	0.00	5.08	2.00	0.00	7.46	0.02	0.00
5.10	2.00	0.00	7.45	0.02	0.00	5.12	2.00	0.00	7.44	0.02	0.00
5.14	2.00	0.00	7.43	0.02	0.00	5.16	2.00	0.00	7.42	0.02	0.00
5.18	2.00	0.00	7.41	0.02	0.00	5.20	2.00	0.00	7.40	0.02	0.00
5.22	2.00	0.00	7.39	0.02	0.00	5.24	2.00	0.00	7.38	0.02	0.00
5.26	2.00	0.00	7.37	0.02	0.00	5.28	2.00	0.00	7.36	0.02	0.00
5.30	2.00	0.00	7.35	0.02	0.00	5.32	2.00	0.00	7.34	0.02	0.00
5.34	2.00	0.00	7.33	0.02	0.00	5.36	2.00	0.00	7.32	0.02	0.00
5.38	2.00	0.00	7.31	0.02	0.00	5.40	2.00	0.00	7.30	0.02	0.00
5.42	2.00	0.00	7.29	0.02	0.00	5.44	2.00	0.00	7.28	0.02	0.00
5.46	2.00	0.00	7.27	0.02	0.00	5.48	2.00	0.00	7.26	0.02	0.00
5.50	2.00	0.00	7.25	0.02	0.00	5.52	0.49	0.51	7.24	0.02	0.07
5.54	0.50	0.50	7.23	0.02	0.07	5.56	0.52	0.48	7.22	0.02	0.07
5.58	0.54	0.46	7.21	0.02	0.07	5.60	0.50	0.50	7.20	0.02	0.07
5.62	0.48	0.52	7.19	0.02	0.07	5.64	0.48	0.52	7.18	0.02	0.07
5.66	0.48	0.52	7.17	0.02	0.07	5.68	0.48	0.52	7.16	0.02	0.07
5.70	0.47	0.53	7.15	0.02	0.08	5.72	0.47	0.53	7.14	0.02	0.08
5.74	0.46	0.54	7.13	0.02	0.08	5.76	0.46	0.54	7.12	0.02	0.08

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
5.78	0.46	0.54	7.11	0.02	0.08	5.80	0.47	0.53	7.10	0.02	0.08
5.82	0.46	0.54	7.09	0.02	0.08	5.84	0.45	0.55	7.08	0.02	0.08
5.86	0.47	0.53	7.07	0.02	0.07	5.88	0.47	0.53	7.06	0.02	0.08
5.90	0.40	0.60	7.05	0.02	0.08	5.92	0.40	0.60	7.04	0.02	0.08
5.94	0.42	0.58	7.03	0.02	0.08	5.96	0.43	0.57	7.02	0.02	0.08
5.98	0.42	0.58	7.01	0.02	0.08	6.00	0.41	0.59	7.00	0.02	0.08
6.02	0.40	0.60	6.99	0.02	0.08	6.04	0.41	0.59	6.98	0.02	0.08
6.06	0.43	0.57	6.97	0.02	0.08	6.08	0.43	0.57	6.96	0.02	0.08
6.10	0.41	0.59	6.95	0.02	0.08	6.12	0.43	0.57	6.94	0.02	0.08
6.14	0.44	0.56	6.93	0.02	0.08	6.16	0.44	0.56	6.92	0.02	0.08
6.18	0.43	0.57	6.91	0.02	0.08	6.20	0.40	0.60	6.90	0.02	0.08
6.22	0.38	0.62	6.89	0.02	0.09	6.24	0.39	0.61	6.88	0.02	0.08
6.26	0.42	0.58	6.87	0.02	0.08	6.28	0.44	0.56	6.86	0.02	0.08
6.30	0.44	0.56	6.85	0.02	0.08	6.32	0.43	0.57	6.84	0.02	0.08
6.34	0.42	0.58	6.83	0.02	0.08	6.36	0.42	0.58	6.82	0.02	0.08
6.38	2.00	0.00	6.81	0.02	0.00	6.40	2.00	0.00	6.80	0.02	0.00
6.42	2.00	0.00	6.79	0.02	0.00	6.44	2.00	0.00	6.78	0.02	0.00
6.46	0.44	0.56	6.77	0.02	0.08	6.48	0.47	0.53	6.76	0.02	0.07
6.50	0.47	0.53	6.75	0.02	0.07	6.52	0.47	0.53	6.74	0.02	0.07
6.54	0.46	0.54	6.73	0.02	0.07	6.56	0.45	0.55	6.72	0.02	0.07
6.58	0.45	0.55	6.71	0.02	0.07	6.60	0.45	0.55	6.70	0.02	0.07
6.62	0.44	0.56	6.69	0.02	0.07	6.64	0.45	0.55	6.68	0.02	0.07
6.66	0.43	0.57	6.67	0.02	0.08	6.68	0.44	0.56	6.66	0.02	0.07
6.70	0.42	0.58	6.65	0.02	0.08	6.72	0.42	0.58	6.64	0.02	0.08
6.74	0.42	0.58	6.63	0.02	0.08	6.76	0.43	0.57	6.62	0.02	0.08
6.78	0.44	0.56	6.61	0.02	0.07	6.80	0.45	0.55	6.60	0.02	0.07
6.82	0.44	0.56	6.59	0.02	0.07	6.84	0.43	0.57	6.58	0.02	0.08
6.86	0.41	0.59	6.57	0.02	0.08	6.88	2.00	0.00	6.56	0.02	0.00
6.90	2.00	0.00	6.55	0.02	0.00	6.92	2.00	0.00	6.54	0.02	0.00
6.94	2.00	0.00	6.53	0.02	0.00	6.96	2.00	0.00	6.52	0.02	0.00
6.98	2.00	0.00	6.51	0.02	0.00	7.00	2.00	0.00	6.50	0.02	0.00
7.02	2.00	0.00	6.49	0.02	0.00	7.04	2.00	0.00	6.48	0.02	0.00
7.06	2.00	0.00	6.47	0.02	0.00	7.08	2.00	0.00	6.46	0.02	0.00
7.10	2.00	0.00	6.45	0.02	0.00	7.12	2.00	0.00	6.44	0.02	0.00
7.14	2.00	0.00	6.43	0.02	0.00	7.16	2.00	0.00	6.42	0.02	0.00
7.18	2.00	0.00	6.41	0.02	0.00	7.20	2.00	0.00	6.40	0.02	0.00
7.22	2.00	0.00	6.39	0.02	0.00	7.24	2.00	0.00	6.38	0.02	0.00
7.26	2.00	0.00	6.37	0.02	0.00	7.28	2.00	0.00	6.36	0.02	0.00
7.30	2.00	0.00	6.35	0.02	0.00	7.32	2.00	0.00	6.34	0.02	0.00
7.34	2.00	0.00	6.33	0.02	0.00	7.36	2.00	0.00	6.32	0.02	0.00
7.38	2.00	0.00	6.31	0.02	0.00	7.40	2.00	0.00	6.30	0.02	0.00
7.42	2.00	0.00	6.29	0.02	0.00	7.44	2.00	0.00	6.28	0.02	0.00
7.46	2.00	0.00	6.27	0.02	0.00	7.48	2.00	0.00	6.26	0.02	0.00
7.50	2.00	0.00	6.25	0.02	0.00	7.52	2.00	0.00	6.24	0.02	0.00
7.54	2.00	0.00	6.23	0.02	0.00	7.56	2.00	0.00	6.22	0.02	0.00
7.58	2.00	0.00	6.21	0.02	0.00	7.60	2.00	0.00	6.20	0.02	0.00
7.62	2.00	0.00	6.19	0.02	0.00	7.64	2.00	0.00	6.18	0.02	0.00
7.66	2.00	0.00	6.17	0.02	0.00	7.68	2.00	0.00	6.16	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
7.70	2.00	0.00	6.15	0.02	0.00	7.72	2.00	0.00	6.14	0.02	0.00
7.74	2.00	0.00	6.13	0.02	0.00	7.76	2.00	0.00	6.12	0.02	0.00
7.78	2.00	0.00	6.11	0.02	0.00	7.80	2.00	0.00	6.10	0.02	0.00
7.82	2.00	0.00	6.09	0.02	0.00	7.84	2.00	0.00	6.08	0.02	0.00
7.86	2.00	0.00	6.07	0.02	0.00	7.88	2.00	0.00	6.06	0.02	0.00
7.90	2.00	0.00	6.05	0.02	0.00	7.92	2.00	0.00	6.04	0.02	0.00
7.94	2.00	0.00	6.03	0.02	0.00	7.96	2.00	0.00	6.02	0.02	0.00
7.98	2.00	0.00	6.01	0.02	0.00	8.00	2.00	0.00	6.00	0.02	0.00
8.02	2.00	0.00	5.99	0.02	0.00	8.04	2.00	0.00	5.98	0.02	0.00
8.06	2.00	0.00	5.97	0.02	0.00	8.08	2.00	0.00	5.96	0.02	0.00
8.10	2.00	0.00	5.95	0.02	0.00	8.12	2.00	0.00	5.94	0.02	0.00
8.14	2.00	0.00	5.93	0.02	0.00	8.16	2.00	0.00	5.92	0.02	0.00
8.18	2.00	0.00	5.91	0.02	0.00	8.20	2.00	0.00	5.90	0.02	0.00
8.22	2.00	0.00	5.89	0.02	0.00	8.24	2.00	0.00	5.88	0.02	0.00
8.26	2.00	0.00	5.87	0.02	0.00	8.28	2.00	0.00	5.86	0.02	0.00
8.30	2.00	0.00	5.85	0.02	0.00	8.32	2.00	0.00	5.84	0.02	0.00
8.34	2.00	0.00	5.83	0.02	0.00	8.36	2.00	0.00	5.82	0.02	0.00
8.38	2.00	0.00	5.81	0.02	0.00	8.40	2.00	0.00	5.80	0.02	0.00
8.42	2.00	0.00	5.79	0.02	0.00	8.44	2.00	0.00	5.78	0.02	0.00
8.46	2.00	0.00	5.77	0.02	0.00	8.48	2.00	0.00	5.76	0.02	0.00
8.50	2.00	0.00	5.75	0.02	0.00	8.52	2.00	0.00	5.74	0.02	0.00
8.54	2.00	0.00	5.73	0.02	0.00	8.56	2.00	0.00	5.72	0.02	0.00
8.58	2.00	0.00	5.71	0.02	0.00	8.60	2.00	0.00	5.70	0.02	0.00
8.62	2.00	0.00	5.69	0.02	0.00	8.64	2.00	0.00	5.68	0.02	0.00
8.66	2.00	0.00	5.67	0.02	0.00	8.68	2.00	0.00	5.66	0.02	0.00
8.70	2.00	0.00	5.65	0.02	0.00	8.72	2.00	0.00	5.64	0.02	0.00
8.74	2.00	0.00	5.63	0.02	0.00	8.76	2.00	0.00	5.62	0.02	0.00
8.78	2.00	0.00	5.61	0.02	0.00	8.80	2.00	0.00	5.60	0.02	0.00
8.82	2.00	0.00	5.59	0.02	0.00	8.84	2.00	0.00	5.58	0.02	0.00
8.86	2.00	0.00	5.57	0.02	0.00	8.88	2.00	0.00	5.56	0.02	0.00
8.90	2.00	0.00	5.55	0.02	0.00	8.92	2.00	0.00	5.54	0.02	0.00
8.94	2.00	0.00	5.53	0.02	0.00	8.96	2.00	0.00	5.52	0.02	0.00
8.98	2.00	0.00	5.51	0.02	0.00	9.00	2.00	0.00	5.50	0.02	0.00
9.02	2.00	0.00	5.49	0.02	0.00	9.04	2.00	0.00	5.48	0.02	0.00
9.06	2.00	0.00	5.47	0.02	0.00	9.08	2.00	0.00	5.46	0.02	0.00
9.10	2.00	0.00	5.45	0.02	0.00	9.12	2.00	0.00	5.44	0.02	0.00
9.14	2.00	0.00	5.43	0.02	0.00	9.16	2.00	0.00	5.42	0.02	0.00
9.18	2.00	0.00	5.41	0.02	0.00	9.20	2.00	0.00	5.40	0.02	0.00
9.22	2.00	0.00	5.39	0.02	0.00	9.24	2.00	0.00	5.38	0.02	0.00
9.26	2.00	0.00	5.37	0.02	0.00	9.28	2.00	0.00	5.36	0.02	0.00
9.30	2.00	0.00	5.35	0.02	0.00	9.32	2.00	0.00	5.34	0.02	0.00
9.34	2.00	0.00	5.33	0.02	0.00	9.36	2.00	0.00	5.32	0.02	0.00
9.38	2.00	0.00	5.31	0.02	0.00	9.40	2.00	0.00	5.30	0.02	0.00
9.42	2.00	0.00	5.29	0.02	0.00	9.44	2.00	0.00	5.28	0.02	0.00
9.46	2.00	0.00	5.27	0.02	0.00	9.48	2.00	0.00	5.26	0.02	0.00
9.50	2.00	0.00	5.25	0.02	0.00	9.52	2.00	0.00	5.24	0.02	0.00
9.54	2.00	0.00	5.23	0.02	0.00	9.56	2.00	0.00	5.22	0.02	0.00
9.58	2.00	0.00	5.21	0.02	0.00	9.60	2.00	0.00	5.20	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
9.62	2.00	0.00	5.19	0.02	0.00	9.64	2.00	0.00	5.18	0.02	0.00
9.66	2.00	0.00	5.17	0.02	0.00	9.68	2.00	0.00	5.16	0.02	0.00
9.70	2.00	0.00	5.15	0.02	0.00	9.72	2.00	0.00	5.14	0.02	0.00
9.74	2.00	0.00	5.13	0.02	0.00	9.76	2.00	0.00	5.12	0.02	0.00
9.78	2.00	0.00	5.11	0.02	0.00	9.80	2.00	0.00	5.10	0.02	0.00
9.82	2.00	0.00	5.09	0.02	0.00	9.84	2.00	0.00	5.08	0.02	0.00
9.86	2.00	0.00	5.07	0.02	0.00	9.88	2.00	0.00	5.06	0.02	0.00
9.90	2.00	0.00	5.05	0.02	0.00	9.92	2.00	0.00	5.04	0.02	0.00
9.94	2.00	0.00	5.03	0.02	0.00	9.96	2.00	0.00	5.02	0.02	0.00
9.98	2.00	0.00	5.01	0.02	0.00	10.00	2.00	0.00	5.00	0.02	0.00
10.02	2.00	0.00	4.99	0.02	0.00	10.04	2.00	0.00	4.98	0.02	0.00
10.06	2.00	0.00	4.97	0.02	0.00	10.08	2.00	0.00	4.96	0.02	0.00
10.10	2.00	0.00	4.95	0.02	0.00	10.12	2.00	0.00	4.94	0.02	0.00
10.14	2.00	0.00	4.93	0.02	0.00	10.16	2.00	0.00	4.92	0.02	0.00
10.18	2.00	0.00	4.91	0.02	0.00	10.20	2.00	0.00	4.90	0.02	0.00
10.22	2.00	0.00	4.89	0.02	0.00	10.24	2.00	0.00	4.88	0.02	0.00
10.26	2.00	0.00	4.87	0.02	0.00	10.28	2.00	0.00	4.86	0.02	0.00
10.30	2.00	0.00	4.85	0.02	0.00	10.32	2.00	0.00	4.84	0.02	0.00
10.34	2.00	0.00	4.83	0.02	0.00	10.36	2.00	0.00	4.82	0.02	0.00
10.38	2.00	0.00	4.81	0.02	0.00	10.40	2.00	0.00	4.80	0.02	0.00
10.42	2.00	0.00	4.79	0.02	0.00	10.44	2.00	0.00	4.78	0.02	0.00
10.46	2.00	0.00	4.77	0.02	0.00	10.48	2.00	0.00	4.76	0.02	0.00
10.50	2.00	0.00	4.75	0.02	0.00	10.52	2.00	0.00	4.74	0.02	0.00
10.54	2.00	0.00	4.73	0.02	0.00	10.56	2.00	0.00	4.72	0.02	0.00
10.58	2.00	0.00	4.71	0.02	0.00	10.60	2.00	0.00	4.70	0.02	0.00
10.62	2.00	0.00	4.69	0.02	0.00	10.64	2.00	0.00	4.68	0.02	0.00
10.66	2.00	0.00	4.67	0.02	0.00	10.68	2.00	0.00	4.66	0.02	0.00
10.70	2.00	0.00	4.65	0.02	0.00	10.72	2.00	0.00	4.64	0.02	0.00
10.74	2.00	0.00	4.63	0.02	0.00	10.76	2.00	0.00	4.62	0.02	0.00
10.78	2.00	0.00	4.61	0.02	0.00	10.80	2.00	0.00	4.60	0.02	0.00
10.82	2.00	0.00	4.59	0.02	0.00	10.84	2.00	0.00	4.58	0.02	0.00
10.86	2.00	0.00	4.57	0.02	0.00	10.88	2.00	0.00	4.56	0.02	0.00
10.90	2.00	0.00	4.55	0.02	0.00	10.92	2.00	0.00	4.54	0.02	0.00
10.94	2.00	0.00	4.53	0.02	0.00	10.96	2.00	0.00	4.52	0.02	0.00
10.98	2.00	0.00	4.51	0.02	0.00	11.00	2.00	0.00	4.50	0.02	0.00
11.02	2.00	0.00	4.49	0.02	0.00	11.04	2.00	0.00	4.48	0.02	0.00
11.06	2.00	0.00	4.47	0.02	0.00	11.08	2.00	0.00	4.46	0.02	0.00
11.10	2.00	0.00	4.45	0.02	0.00	11.12	2.00	0.00	4.44	0.02	0.00
11.14	2.00	0.00	4.43	0.02	0.00	11.16	2.00	0.00	4.42	0.02	0.00
11.18	2.00	0.00	4.41	0.02	0.00	11.20	2.00	0.00	4.40	0.02	0.00
11.22	2.00	0.00	4.39	0.02	0.00	11.24	2.00	0.00	4.38	0.02	0.00
11.26	2.00	0.00	4.37	0.02	0.00	11.28	2.00	0.00	4.36	0.02	0.00
11.30	2.00	0.00	4.35	0.02	0.00	11.32	2.00	0.00	4.34	0.02	0.00
11.34	2.00	0.00	4.33	0.02	0.00	11.36	2.00	0.00	4.32	0.02	0.00
11.38	2.00	0.00	4.31	0.02	0.00	11.40	2.00	0.00	4.30	0.02	0.00
11.42	2.00	0.00	4.29	0.02	0.00	11.44	2.00	0.00	4.28	0.02	0.00
11.46	2.00	0.00	4.27	0.02	0.00	11.48	2.00	0.00	4.26	0.02	0.00
11.50	2.00	0.00	4.25	0.02	0.00	11.52	2.00	0.00	4.24	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
11.54	2.00	0.00	4.23	0.02	0.00	11.56	2.00	0.00	4.22	0.02	0.00
11.58	2.00	0.00	4.21	0.02	0.00	11.60	2.00	0.00	4.20	0.02	0.00
11.62	2.00	0.00	4.19	0.02	0.00	11.64	2.00	0.00	4.18	0.02	0.00
11.66	2.00	0.00	4.17	0.02	0.00	11.68	2.00	0.00	4.16	0.02	0.00
11.70	2.00	0.00	4.15	0.02	0.00	11.72	2.00	0.00	4.14	0.02	0.00
11.74	2.00	0.00	4.13	0.02	0.00	11.76	2.00	0.00	4.12	0.02	0.00
11.78	2.00	0.00	4.11	0.02	0.00	11.80	2.00	0.00	4.10	0.02	0.00
11.82	2.00	0.00	4.09	0.02	0.00	11.84	2.00	0.00	4.08	0.02	0.00
11.86	2.00	0.00	4.07	0.02	0.00	11.88	2.00	0.00	4.06	0.02	0.00
11.90	2.00	0.00	4.05	0.02	0.00	11.92	2.00	0.00	4.04	0.02	0.00
11.94	2.00	0.00	4.03	0.02	0.00	11.96	2.00	0.00	4.02	0.02	0.00
11.98	2.00	0.00	4.01	0.02	0.00	12.00	2.00	0.00	4.00	0.02	0.00
12.02	2.00	0.00	3.99	0.02	0.00	12.04	2.00	0.00	3.98	0.02	0.00
12.06	2.00	0.00	3.97	0.02	0.00	12.08	2.00	0.00	3.96	0.02	0.00
12.10	2.00	0.00	3.95	0.02	0.00	12.12	2.00	0.00	3.94	0.02	0.00
12.14	2.00	0.00	3.93	0.02	0.00	12.16	2.00	0.00	3.92	0.02	0.00
12.18	2.00	0.00	3.91	0.02	0.00	12.20	2.00	0.00	3.90	0.02	0.00
12.22	2.00	0.00	3.89	0.02	0.00	12.24	2.00	0.00	3.88	0.02	0.00
12.26	2.00	0.00	3.87	0.02	0.00	12.28	2.00	0.00	3.86	0.02	0.00
12.30	2.00	0.00	3.85	0.02	0.00	12.32	2.00	0.00	3.84	0.02	0.00
12.34	2.00	0.00	3.83	0.02	0.00	12.36	2.00	0.00	3.82	0.02	0.00
12.38	2.00	0.00	3.81	0.02	0.00	12.40	2.00	0.00	3.80	0.02	0.00
12.42	2.00	0.00	3.79	0.02	0.00	12.44	2.00	0.00	3.78	0.02	0.00
12.46	2.00	0.00	3.77	0.02	0.00	12.48	2.00	0.00	3.76	0.02	0.00
12.50	2.00	0.00	3.75	0.02	0.00	12.52	2.00	0.00	3.74	0.02	0.00
12.54	2.00	0.00	3.73	0.02	0.00	12.56	2.00	0.00	3.72	0.02	0.00
12.58	2.00	0.00	3.71	0.02	0.00	12.60	2.00	0.00	3.70	0.02	0.00
12.62	2.00	0.00	3.69	0.02	0.00	12.64	2.00	0.00	3.68	0.02	0.00
12.66	2.00	0.00	3.67	0.02	0.00	12.68	2.00	0.00	3.66	0.02	0.00
12.70	2.00	0.00	3.65	0.02	0.00	12.72	2.00	0.00	3.64	0.02	0.00
12.74	2.00	0.00	3.63	0.02	0.00	12.76	2.00	0.00	3.62	0.02	0.00
12.78	2.00	0.00	3.61	0.02	0.00	12.80	2.00	0.00	3.60	0.02	0.00
12.82	2.00	0.00	3.59	0.02	0.00	12.84	2.00	0.00	3.58	0.02	0.00
12.86	2.00	0.00	3.57	0.02	0.00	12.88	2.00	0.00	3.56	0.02	0.00
12.90	2.00	0.00	3.55	0.02	0.00	12.92	2.00	0.00	3.54	0.02	0.00
12.94	2.00	0.00	3.53	0.02	0.00	12.96	2.00	0.00	3.52	0.02	0.00
12.98	2.00	0.00	3.51	0.02	0.00	13.00	2.00	0.00	3.50	0.02	0.00
13.02	2.00	0.00	3.49	0.02	0.00	13.04	2.00	0.00	3.48	0.02	0.00
13.06	2.00	0.00	3.47	0.02	0.00	13.08	2.00	0.00	3.46	0.02	0.00
13.10	2.00	0.00	3.45	0.02	0.00	13.12	2.00	0.00	3.44	0.02	0.00
13.14	2.00	0.00	3.43	0.02	0.00	13.16	2.00	0.00	3.42	0.02	0.00
13.18	2.00	0.00	3.41	0.02	0.00	13.20	2.00	0.00	3.40	0.02	0.00
13.22	2.00	0.00	3.39	0.02	0.00	13.24	2.00	0.00	3.38	0.02	0.00
13.26	2.00	0.00	3.37	0.02	0.00	13.28	2.00	0.00	3.36	0.02	0.00
13.30	2.00	0.00	3.35	0.02	0.00	13.32	2.00	0.00	3.34	0.02	0.00
13.34	2.00	0.00	3.33	0.02	0.00	13.36	2.00	0.00	3.32	0.02	0.00
13.38	2.00	0.00	3.31	0.02	0.00	13.40	2.00	0.00	3.30	0.02	0.00
13.42	2.00	0.00	3.29	0.02	0.00	13.44	2.00	0.00	3.28	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
13.46	2.00	0.00	3.27	0.02	0.00	13.48	2.00	0.00	3.26	0.02	0.00
13.50	2.00	0.00	3.25	0.02	0.00	13.52	2.00	0.00	3.24	0.02	0.00
13.54	2.00	0.00	3.23	0.02	0.00	13.56	2.00	0.00	3.22	0.02	0.00
13.58	2.00	0.00	3.21	0.02	0.00	13.60	2.00	0.00	3.20	0.02	0.00
13.62	2.00	0.00	3.19	0.02	0.00	13.64	2.00	0.00	3.18	0.02	0.00
13.66	2.00	0.00	3.17	0.02	0.00	13.68	2.00	0.00	3.16	0.02	0.00
13.70	2.00	0.00	3.15	0.02	0.00	13.72	2.00	0.00	3.14	0.02	0.00
13.74	2.00	0.00	3.13	0.02	0.00	13.76	2.00	0.00	3.12	0.02	0.00
13.78	2.00	0.00	3.11	0.02	0.00	13.80	2.00	0.00	3.10	0.02	0.00
13.82	2.00	0.00	3.09	0.02	0.00	13.84	2.00	0.00	3.08	0.02	0.00
13.86	2.00	0.00	3.07	0.02	0.00	13.88	2.00	0.00	3.06	0.02	0.00
13.90	2.00	0.00	3.05	0.02	0.00	13.92	2.00	0.00	3.04	0.02	0.00
13.94	2.00	0.00	3.03	0.02	0.00	13.96	2.00	0.00	3.02	0.02	0.00
13.98	2.00	0.00	3.01	0.02	0.00	14.00	2.00	0.00	3.00	0.02	0.00
14.02	2.00	0.00	2.99	0.02	0.00	14.04	2.00	0.00	2.98	0.02	0.00
14.06	2.00	0.00	2.97	0.02	0.00	14.08	2.00	0.00	2.96	0.02	0.00
14.10	2.00	0.00	2.95	0.02	0.00	14.12	2.00	0.00	2.94	0.02	0.00
14.14	2.00	0.00	2.93	0.02	0.00	14.16	2.00	0.00	2.92	0.02	0.00
14.18	2.00	0.00	2.91	0.02	0.00	14.20	2.00	0.00	2.90	0.02	0.00
14.22	2.00	0.00	2.89	0.02	0.00	14.24	2.00	0.00	2.88	0.02	0.00
14.26	2.00	0.00	2.87	0.02	0.00	14.28	2.00	0.00	2.86	0.02	0.00
14.30	2.00	0.00	2.85	0.02	0.00	14.32	2.00	0.00	2.84	0.02	0.00
14.34	2.00	0.00	2.83	0.02	0.00	14.36	2.00	0.00	2.82	0.02	0.00
14.38	2.00	0.00	2.81	0.02	0.00	14.40	2.00	0.00	2.80	0.02	0.00
14.42	2.00	0.00	2.79	0.02	0.00	14.44	2.00	0.00	2.78	0.02	0.00
14.46	2.00	0.00	2.77	0.02	0.00	14.48	2.00	0.00	2.76	0.02	0.00
14.50	2.00	0.00	2.75	0.02	0.00	14.52	2.00	0.00	2.74	0.02	0.00
14.54	2.00	0.00	2.73	0.02	0.00	14.56	2.00	0.00	2.72	0.02	0.00
14.58	2.00	0.00	2.71	0.02	0.00	14.60	2.00	0.00	2.70	0.02	0.00
14.62	2.00	0.00	2.69	0.02	0.00	14.64	2.00	0.00	2.68	0.02	0.00
14.66	2.00	0.00	2.67	0.02	0.00	14.68	2.00	0.00	2.66	0.02	0.00
14.70	2.00	0.00	2.65	0.02	0.00	14.72	2.00	0.00	2.64	0.02	0.00
14.74	2.00	0.00	2.63	0.02	0.00	14.76	2.00	0.00	2.62	0.02	0.00
14.78	2.00	0.00	2.61	0.02	0.00	14.80	2.00	0.00	2.60	0.02	0.00
14.82	2.00	0.00	2.59	0.02	0.00	14.84	2.00	0.00	2.58	0.02	0.00
14.86	2.00	0.00	2.57	0.02	0.00	14.88	2.00	0.00	2.56	0.02	0.00
14.90	2.00	0.00	2.55	0.02	0.00	14.92	2.00	0.00	2.54	0.02	0.00
14.94	2.00	0.00	2.53	0.02	0.00	14.96	2.00	0.00	2.52	0.02	0.00
14.98	2.00	0.00	2.51	0.02	0.00	15.00	2.00	0.00	2.50	0.02	0.00
15.02	2.00	0.00	2.49	0.02	0.00	15.04	2.00	0.00	2.48	0.02	0.00
15.06	2.00	0.00	2.47	0.02	0.00	15.08	2.00	0.00	2.46	0.02	0.00
15.10	2.00	0.00	2.45	0.02	0.00	15.12	2.00	0.00	2.44	0.02	0.00
15.14	2.00	0.00	2.43	0.02	0.00	15.16	2.00	0.00	2.42	0.02	0.00
15.18	2.00	0.00	2.41	0.02	0.00	15.20	2.00	0.00	2.40	0.02	0.00
15.22	2.00	0.00	2.39	0.02	0.00	15.24	2.00	0.00	2.38	0.02	0.00
15.26	2.00	0.00	2.37	0.02	0.00	15.28	2.00	0.00	2.36	0.02	0.00
15.30	2.00	0.00	2.35	0.02	0.00	15.32	2.00	0.00	2.34	0.02	0.00
15.34	2.00	0.00	2.33	0.02	0.00	15.36	2.00	0.00	2.32	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
15.38	2.00	0.00	2.31	0.02	0.00	15.40	2.00	0.00	2.30	0.02	0.00
15.42	2.00	0.00	2.29	0.02	0.00	15.44	2.00	0.00	2.28	0.02	0.00
15.46	2.00	0.00	2.27	0.02	0.00	15.48	2.00	0.00	2.26	0.02	0.00
15.50	2.00	0.00	2.25	0.02	0.00	15.52	2.00	0.00	2.24	0.02	0.00
15.54	2.00	0.00	2.23	0.02	0.00	15.56	2.00	0.00	2.22	0.02	0.00
15.58	2.00	0.00	2.21	0.02	0.00	15.60	2.00	0.00	2.20	0.02	0.00
15.62	2.00	0.00	2.19	0.02	0.00	15.64	2.00	0.00	2.18	0.02	0.00
15.66	2.00	0.00	2.17	0.02	0.00	15.68	2.00	0.00	2.16	0.02	0.00
15.70	2.00	0.00	2.15	0.02	0.00	15.72	2.00	0.00	2.14	0.02	0.00
15.74	2.00	0.00	2.13	0.02	0.00	15.76	2.00	0.00	2.12	0.02	0.00
15.78	2.00	0.00	2.11	0.02	0.00	15.80	2.00	0.00	2.10	0.02	0.00
15.82	2.00	0.00	2.09	0.02	0.00	15.84	2.00	0.00	2.08	0.02	0.00
15.86	2.00	0.00	2.07	0.02	0.00	15.88	2.00	0.00	2.06	0.02	0.00
15.90	2.00	0.00	2.05	0.02	0.00	15.92	2.00	0.00	2.04	0.02	0.00
15.94	2.00	0.00	2.03	0.02	0.00	15.96	2.00	0.00	2.02	0.02	0.00
15.98	2.00	0.00	2.01	0.02	0.00	16.00	2.00	0.00	2.00	0.02	0.00
16.02	2.00	0.00	1.99	0.02	0.00	16.04	2.00	0.00	1.98	0.02	0.00
16.06	2.00	0.00	1.97	0.02	0.00	16.08	2.00	0.00	1.96	0.02	0.00
16.10	2.00	0.00	1.95	0.02	0.00	16.12	2.00	0.00	1.94	0.02	0.00
16.14	2.00	0.00	1.93	0.02	0.00	16.16	0.56	0.44	1.92	0.02	0.02
16.18	0.56	0.44	1.91	0.02	0.02	16.20	0.56	0.44	1.90	0.02	0.02
16.22	0.56	0.44	1.89	0.02	0.02	16.24	0.56	0.44	1.88	0.02	0.02
16.26	0.57	0.43	1.87	0.02	0.02	16.28	0.60	0.40	1.86	0.02	0.02
16.30	0.62	0.38	1.85	0.02	0.01	16.32	0.63	0.37	1.84	0.02	0.01
16.34	0.64	0.36	1.83	0.02	0.01	16.36	0.67	0.33	1.82	0.02	0.01
16.38	0.69	0.31	1.81	0.02	0.01	16.40	0.69	0.31	1.80	0.02	0.01
16.42	0.67	0.33	1.79	0.02	0.01	16.44	0.59	0.41	1.78	0.02	0.01
16.46	0.55	0.45	1.77	0.02	0.02	16.48	0.53	0.47	1.76	0.02	0.02
16.50	0.54	0.46	1.75	0.02	0.02	16.52	0.56	0.44	1.74	0.02	0.02
16.54	0.59	0.41	1.73	0.02	0.01	16.56	0.64	0.36	1.72	0.02	0.01
16.58	0.67	0.33	1.71	0.02	0.01	16.60	0.69	0.31	1.70	0.02	0.01
16.62	0.69	0.31	1.69	0.02	0.01	16.64	0.69	0.31	1.68	0.02	0.01
16.66	0.71	0.29	1.67	0.02	0.01	16.68	0.73	0.27	1.66	0.02	0.01
16.70	0.74	0.26	1.65	0.02	0.01	16.72	0.75	0.25	1.64	0.02	0.01
16.74	0.76	0.24	1.63	0.02	0.01	16.76	0.72	0.28	1.62	0.02	0.01
16.78	0.73	0.27	1.61	0.02	0.01	16.80	0.72	0.28	1.60	0.02	0.01
16.82	0.71	0.29	1.59	0.02	0.01	16.84	0.69	0.31	1.58	0.02	0.01
16.86	0.79	0.21	1.57	0.02	0.01	16.88	0.78	0.22	1.56	0.02	0.01
16.90	0.70	0.30	1.55	0.02	0.01	16.92	0.63	0.37	1.54	0.02	0.01
16.94	0.58	0.42	1.53	0.02	0.01	16.96	2.00	0.00	1.52	0.02	0.00
16.98	2.00	0.00	1.51	0.02	0.00	17.00	2.00	0.00	1.50	0.02	0.00
17.02	2.00	0.00	1.49	0.02	0.00	17.04	2.00	0.00	1.48	0.02	0.00
17.06	2.00	0.00	1.47	0.02	0.00	17.08	2.00	0.00	1.46	0.02	0.00
17.10	2.00	0.00	1.45	0.02	0.00	17.12	2.00	0.00	1.44	0.02	0.00
17.14	2.00	0.00	1.43	0.02	0.00	17.16	2.00	0.00	1.42	0.02	0.00
17.18	2.00	0.00	1.41	0.02	0.00	17.20	2.00	0.00	1.40	0.02	0.00
17.22	2.00	0.00	1.39	0.02	0.00	17.24	2.00	0.00	1.38	0.02	0.00
17.26	2.00	0.00	1.37	0.02	0.00	17.28	2.00	0.00	1.36	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
17.30	2.00	0.00	1.35	0.02	0.00	17.32	2.00	0.00	1.34	0.02	0.00
17.34	2.00	0.00	1.33	0.02	0.00	17.36	2.00	0.00	1.32	0.02	0.00
17.38	2.00	0.00	1.31	0.02	0.00	17.40	2.00	0.00	1.30	0.02	0.00
17.42	2.00	0.00	1.29	0.02	0.00	17.44	2.00	0.00	1.28	0.02	0.00
17.46	2.00	0.00	1.27	0.02	0.00	17.48	2.00	0.00	1.26	0.02	0.00
17.50	2.00	0.00	1.25	0.02	0.00	17.52	2.00	0.00	1.24	0.02	0.00
17.54	2.00	0.00	1.23	0.02	0.00	17.56	2.00	0.00	1.22	0.02	0.00
17.58	2.00	0.00	1.21	0.02	0.00	17.60	2.00	0.00	1.20	0.02	0.00
17.62	2.00	0.00	1.19	0.02	0.00	17.64	2.00	0.00	1.18	0.02	0.00
17.66	2.00	0.00	1.17	0.02	0.00	17.68	2.00	0.00	1.16	0.02	0.00
17.70	2.00	0.00	1.15	0.02	0.00	17.72	2.00	0.00	1.14	0.02	0.00
17.74	2.00	0.00	1.13	0.02	0.00	17.76	2.00	0.00	1.12	0.02	0.00
17.78	2.00	0.00	1.11	0.02	0.00	17.80	2.00	0.00	1.10	0.02	0.00
17.82	2.00	0.00	1.09	0.02	0.00	17.84	2.00	0.00	1.08	0.02	0.00
17.86	2.00	0.00	1.07	0.02	0.00	17.88	2.00	0.00	1.06	0.02	0.00
17.90	2.00	0.00	1.05	0.02	0.00	17.92	2.00	0.00	1.04	0.02	0.00
17.94	2.00	0.00	1.03	0.02	0.00	17.96	2.00	0.00	1.02	0.02	0.00
17.98	2.00	0.00	1.01	0.02	0.00	18.00	2.00	0.00	1.00	0.02	0.00
18.02	2.00	0.00	0.99	0.02	0.00	18.04	2.00	0.00	0.98	0.02	0.00
18.06	2.00	0.00	0.97	0.02	0.00	18.08	2.00	0.00	0.96	0.02	0.00
18.10	2.00	0.00	0.95	0.02	0.00	18.12	2.00	0.00	0.94	0.02	0.00
18.14	2.00	0.00	0.93	0.02	0.00	18.16	2.00	0.00	0.92	0.02	0.00
18.18	2.00	0.00	0.91	0.02	0.00	18.20	2.00	0.00	0.90	0.02	0.00
18.22	2.00	0.00	0.89	0.02	0.00	18.24	2.00	0.00	0.88	0.02	0.00
18.26	2.00	0.00	0.87	0.02	0.00	18.28	2.00	0.00	0.86	0.02	0.00
18.30	2.00	0.00	0.85	0.02	0.00	18.32	2.00	0.00	0.84	0.02	0.00
18.34	2.00	0.00	0.83	0.02	0.00	18.36	2.00	0.00	0.82	0.02	0.00
18.38	2.00	0.00	0.81	0.02	0.00	18.40	2.00	0.00	0.80	0.02	0.00
18.42	2.00	0.00	0.79	0.02	0.00	18.44	2.00	0.00	0.78	0.02	0.00
18.46	2.00	0.00	0.77	0.02	0.00	18.48	2.00	0.00	0.76	0.02	0.00
18.50	2.00	0.00	0.75	0.02	0.00	18.52	2.00	0.00	0.74	0.02	0.00
18.54	2.00	0.00	0.73	0.02	0.00	18.56	2.00	0.00	0.72	0.02	0.00
18.58	2.00	0.00	0.71	0.02	0.00	18.60	2.00	0.00	0.70	0.02	0.00
18.62	2.00	0.00	0.69	0.02	0.00	18.64	2.00	0.00	0.68	0.02	0.00
18.66	2.00	0.00	0.67	0.02	0.00	18.68	2.00	0.00	0.66	0.02	0.00
18.70	2.00	0.00	0.65	0.02	0.00	18.72	2.00	0.00	0.64	0.02	0.00
18.74	2.00	0.00	0.63	0.02	0.00	18.76	2.00	0.00	0.62	0.02	0.00
18.78	2.00	0.00	0.61	0.02	0.00	18.80	2.00	0.00	0.60	0.02	0.00
18.82	2.00	0.00	0.59	0.02	0.00	18.84	2.00	0.00	0.58	0.02	0.00
18.86	2.00	0.00	0.57	0.02	0.00	18.88	2.00	0.00	0.56	0.02	0.00
18.90	2.00	0.00	0.55	0.02	0.00	18.92	2.00	0.00	0.54	0.02	0.00
18.94	2.00	0.00	0.53	0.02	0.00	18.96	2.00	0.00	0.52	0.02	0.00
18.98	2.00	0.00	0.51	0.02	0.00	19.00	2.00	0.00	0.50	0.02	0.00
19.02	2.00	0.00	0.49	0.02	0.00	19.04	2.00	0.00	0.48	0.02	0.00
19.06	2.00	0.00	0.47	0.02	0.00	19.08	2.00	0.00	0.46	0.02	0.00
19.10	2.00	0.00	0.45	0.02	0.00	19.12	2.00	0.00	0.44	0.02	0.00
19.14	2.00	0.00	0.43	0.02	0.00	19.16	2.00	0.00	0.42	0.02	0.00
19.18	2.00	0.00	0.41	0.02	0.00	19.20	2.00	0.00	0.40	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
19.22	2.00	0.00	0.39	0.02	0.00	19.24	2.00	0.00	0.38	0.02	0.00
19.26	2.00	0.00	0.37	0.02	0.00	19.28	2.00	0.00	0.36	0.02	0.00
19.30	2.00	0.00	0.35	0.02	0.00	19.32	2.00	0.00	0.34	0.02	0.00
19.34	2.00	0.00	0.33	0.02	0.00	19.36	2.00	0.00	0.32	0.02	0.00
19.38	2.00	0.00	0.31	0.02	0.00	19.40	2.00	0.00	0.30	0.02	0.00
19.42	2.00	0.00	0.29	0.02	0.00	19.44	2.00	0.00	0.28	0.02	0.00
19.46	2.00	0.00	0.27	0.02	0.00	19.48	2.00	0.00	0.26	0.02	0.00
19.50	2.00	0.00	0.25	0.02	0.00	19.52	2.00	0.00	0.24	0.02	0.00
19.54	2.00	0.00	0.23	0.02	0.00	19.56	2.00	0.00	0.22	0.02	0.00
19.58	2.00	0.00	0.21	0.02	0.00	19.60	2.00	0.00	0.20	0.02	0.00
19.62	2.00	0.00	0.19	0.02	0.00	19.64	2.00	0.00	0.18	0.02	0.00
19.66	2.00	0.00	0.17	0.02	0.00	19.68	2.00	0.00	0.16	0.02	0.00
19.70	2.00	0.00	0.15	0.02	0.00	19.72	2.00	0.00	0.14	0.02	0.00
19.74	2.00	0.00	0.13	0.02	0.00	19.76	2.00	0.00	0.12	0.02	0.00
19.78	2.00	0.00	0.11	0.02	0.00	19.80	2.00	0.00	0.10	0.02	0.00
19.82	2.00	0.00	0.09	0.02	0.00	19.84	2.00	0.00	0.08	0.02	0.00
19.86	2.00	0.00	0.07	0.02	0.00	19.88	2.00	0.00	0.06	0.02	0.00
19.90	2.00	0.00	0.05	0.02	0.00	19.92	2.00	0.00	0.04	0.02	0.00

Overall liquefaction potential: 8.56

LPI = 0.00 - Liquefaction risk very low

LPI between 0.00 and 5.00 - Liquefaction risk low

LPI between 5.00 and 15.00 - Liquefaction risk high

LPI > 15.00 - Liquefaction risk very high

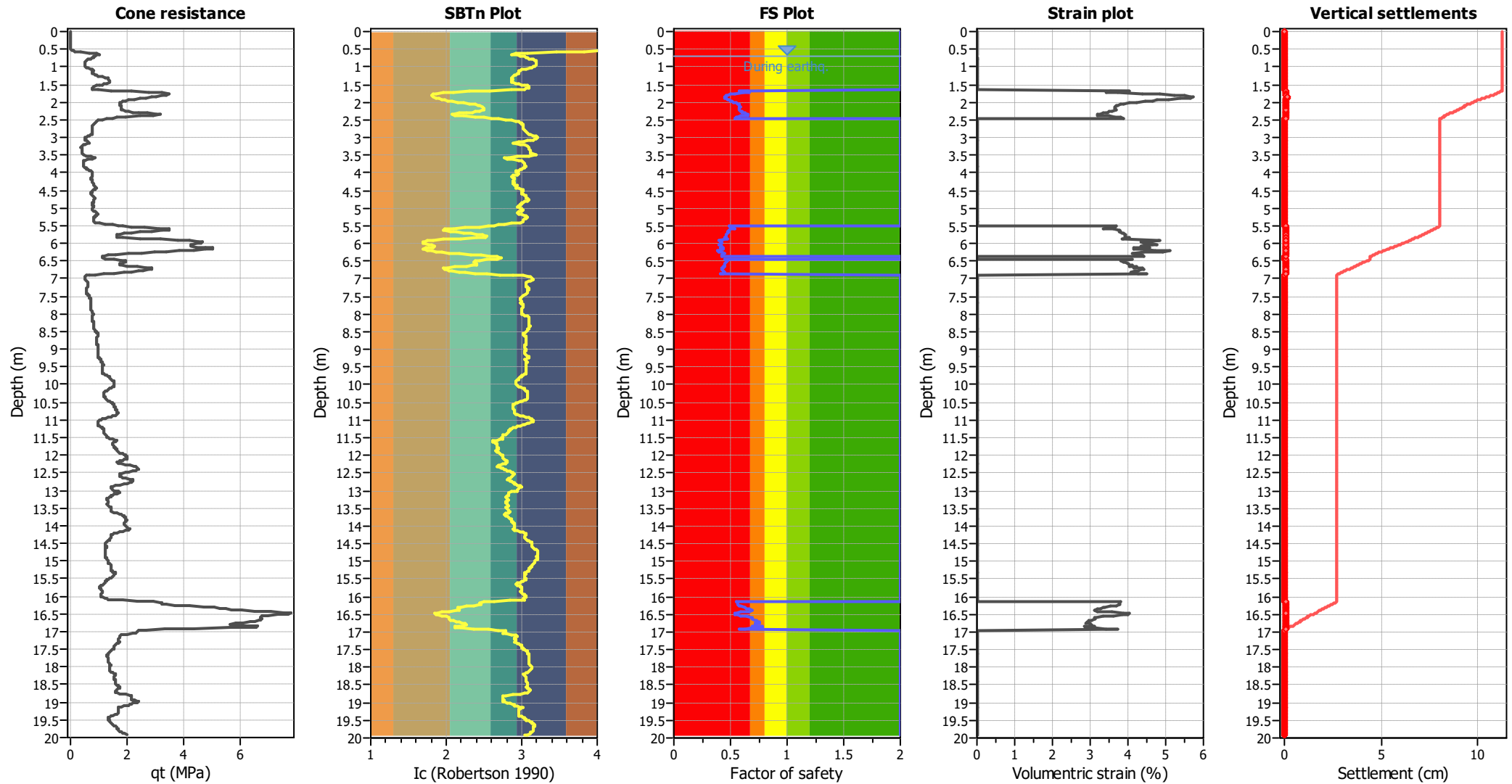
Abbreviations

FS: Calculated factor of safety for test point

F_L: 1 - FSw_z: Function value of the extend of soil liquefaction according to depthd_z: Layer thickness (m)

LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

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

:: Post-earthquake settlement of dry sands ::													
Depth (m)	Ic	Kc	Qc1n	Qc1n,cs	N1,60 (blows)	Vs (m/s)	Gmax (KPa)	CSR	Shear, γ (%)	Svol,15 (%)	Nc	ev (%)	Settle. (cm)
0.02	4.06	26.61	0.17	4.40	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.04	4.06	26.61	0.16	4.28	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.06	4.06	26.61	0.16	4.15	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.08	4.06	26.61	0.15	4.03	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.10	4.06	26.61	0.15	3.90	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.12	4.06	26.61	0.14	3.78	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.14	4.06	26.61	0.14	3.65	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.16	4.06	26.61	0.13	3.53	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.18	4.06	26.61	0.13	3.41	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.20	4.06	26.61	0.12	3.28	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.22	4.06	26.61	0.12	3.16	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.24	4.06	26.61	0.11	3.03	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.26	4.06	26.61	0.11	2.91	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.28	4.06	26.61	0.10	2.79	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.30	4.06	26.61	0.10	2.66	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.32	4.06	26.61	0.10	2.54	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.34	4.06	26.61	0.09	2.41	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.36	4.06	26.61	0.09	2.29	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.38	4.06	26.61	0.08	2.16	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.40	4.06	26.61	0.08	2.21	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.42	4.06	26.61	0.09	2.42	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.44	4.06	26.61	0.11	2.97	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.46	4.06	26.61	0.15	4.03	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.48	4.06	26.61	0.24	6.27	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.50	4.06	26.61	0.41	10.88	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.52	4.06	26.61	0.76	20.21	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.54	4.06	26.61	1.47	38.99	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.56	3.82	20.68	2.88	59.60	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.58	3.45	13.24	5.72	75.77	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.60	3.07	7.59	11.41	86.56	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.62	2.92	5.90	15.48	91.33	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.64	2.86	5.29	17.79	94.13	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.66	2.93	6.05	16.03	96.93	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.68	2.98	6.57	14.98	98.39	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000

Total estimated settlement: 0.00

:: Post-earthquake settlement due to soil liquefaction ::											
Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
0.70	13.71	2.00	0.00	1.00	0.00	0.72	13.49	2.00	0.00	1.00	0.00
0.74	13.02	2.00	0.00	1.00	0.00	0.76	12.00	2.00	0.00	1.00	0.00
0.78	11.42	2.00	0.00	1.00	0.00	0.80	10.53	2.00	0.00	1.00	0.00
0.82	9.96	2.00	0.00	1.00	0.00	0.84	9.27	2.00	0.00	1.00	0.00
0.86	8.94	2.00	0.00	1.00	0.00	0.88	8.98	2.00	0.00	1.00	0.00
0.90	8.39	2.00	0.00	1.00	0.00	0.92	8.39	2.00	0.00	1.00	0.00
0.94	8.39	2.00	0.00	1.00	0.00	0.96	8.41	2.00	0.00	1.00	0.00
0.98	8.50	2.00	0.00	1.00	0.00	1.00	8.90	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
1.02	9.16	2.00	0.00	1.00	0.00	1.04	10.21	2.00	0.00	1.00	0.00
1.06	11.09	2.00	0.00	1.00	0.00	1.08	13.76	2.00	0.00	1.00	0.00
1.10	13.37	2.00	0.00	1.00	0.00	1.12	13.21	2.00	0.00	1.00	0.00
1.14	13.21	2.00	0.00	1.00	0.00	1.16	13.22	2.00	0.00	1.00	0.00
1.18	13.23	2.00	0.00	1.00	0.00	1.20	13.36	2.00	0.00	1.00	0.00
1.22	13.89	2.00	0.00	1.00	0.00	1.24	15.28	2.00	0.00	1.00	0.00
1.26	15.99	2.00	0.00	1.00	0.00	1.28	18.68	2.00	0.00	1.00	0.00
1.30	21.01	2.00	0.00	1.00	0.00	1.32	21.88	2.00	0.00	1.00	0.00
1.34	22.55	2.00	0.00	1.00	0.00	1.36	22.44	2.00	0.00	1.00	0.00
1.38	22.88	2.00	0.00	1.00	0.00	1.40	23.12	2.00	0.00	1.00	0.00
1.42	23.60	2.00	0.00	1.00	0.00	1.44	23.28	2.00	0.00	1.00	0.00
1.46	21.62	2.00	0.00	1.00	0.00	1.48	20.00	2.00	0.00	1.00	0.00
1.50	18.93	2.00	0.00	1.00	0.00	1.52	16.91	2.00	0.00	1.00	0.00
1.54	15.17	2.00	0.00	1.00	0.00	1.56	13.98	2.00	0.00	1.00	0.00
1.58	13.10	2.00	0.00	1.00	0.00	1.60	13.06	2.00	0.00	1.00	0.00
1.62	13.06	2.00	0.00	1.00	0.00	1.64	13.06	2.00	0.00	1.00	0.00
1.66	13.07	2.00	0.00	1.00	0.00	1.68	79.36	0.58	4.04	1.00	0.08
1.70	90.68	0.65	3.55	1.00	0.07	1.72	93.72	0.67	3.43	1.00	0.07
1.74	85.70	0.61	3.75	1.00	0.07	1.76	72.79	0.54	4.39	1.00	0.09
1.78	65.41	0.50	4.84	1.00	0.10	1.80	59.93	0.48	5.24	1.00	0.10
1.82	56.58	0.46	5.51	1.00	0.11	1.84	55.10	0.46	5.64	1.00	0.11
1.86	54.20	0.45	5.73	1.00	0.11	1.88	55.09	0.45	5.64	1.00	0.11
1.90	58.29	0.46	5.37	1.00	0.11	1.92	62.19	0.48	5.07	1.00	0.10
1.94	66.30	0.49	4.78	1.00	0.10	1.96	68.30	0.50	4.65	1.00	0.09
1.98	71.30	0.51	4.47	1.00	0.09	2.00	75.44	0.53	4.24	1.00	0.08
2.02	79.52	0.55	4.03	1.00	0.08	2.04	82.53	0.56	3.89	1.00	0.08
2.06	84.69	0.57	3.79	1.00	0.08	2.08	85.81	0.58	3.75	1.00	0.07
2.10	86.84	0.58	3.70	1.00	0.07	2.12	87.77	0.58	3.66	1.00	0.07
2.14	87.56	0.58	3.67	1.00	0.07	2.16	87.80	0.58	3.66	1.00	0.07
2.18	87.76	0.58	3.66	1.00	0.07	2.20	87.78	0.58	3.66	1.00	0.07
2.22	87.44	0.58	3.68	1.00	0.07	2.24	89.75	0.59	3.58	1.00	0.07
2.26	91.85	0.60	3.50	1.00	0.07	2.28	93.18	0.61	3.45	1.00	0.07
2.30	93.99	0.61	3.42	1.00	0.07	2.32	96.09	0.62	3.35	1.00	0.07
2.34	97.98	0.64	3.28	1.00	0.07	2.36	100.70	0.66	3.19	1.00	0.06
2.38	100.15	0.65	3.21	1.00	0.06	2.40	92.19	0.59	3.49	1.00	0.07
2.42	87.53	0.56	3.67	1.00	0.07	2.44	84.31	0.55	3.81	1.00	0.08
2.46	82.82	0.54	3.88	1.00	0.08	2.48	22.05	2.00	0.00	1.00	0.00
2.50	18.32	2.00	0.00	1.00	0.00	2.52	16.06	2.00	0.00	1.00	0.00
2.54	16.37	2.00	0.00	1.00	0.00	2.56	15.17	2.00	0.00	1.00	0.00
2.58	14.69	2.00	0.00	1.00	0.00	2.60	14.40	2.00	0.00	1.00	0.00
2.62	14.04	2.00	0.00	1.00	0.00	2.64	13.31	2.00	0.00	1.00	0.00
2.66	13.12	2.00	0.00	1.00	0.00	2.68	13.07	2.00	0.00	1.00	0.00
2.70	13.05	2.00	0.00	1.00	0.00	2.72	13.05	2.00	0.00	1.00	0.00
2.74	13.05	2.00	0.00	1.00	0.00	2.76	13.05	2.00	0.00	1.00	0.00
2.78	13.08	2.00	0.00	1.00	0.00	2.80	12.79	2.00	0.00	1.00	0.00
2.82	12.64	2.00	0.00	1.00	0.00	2.84	12.64	2.00	0.00	1.00	0.00
2.86	12.63	2.00	0.00	1.00	0.00	2.88	12.94	2.00	0.00	1.00	0.00
2.90	12.41	2.00	0.00	1.00	0.00	2.92	12.28	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
2.94	11.37	2.00	0.00	1.00	0.00	2.96	10.45	2.00	0.00	1.00	0.00
2.98	9.40	2.00	0.00	1.00	0.00	3.00	8.68	2.00	0.00	1.00	0.00
3.02	8.60	2.00	0.00	1.00	0.00	3.04	8.65	2.00	0.00	1.00	0.00
3.06	8.71	2.00	0.00	1.00	0.00	3.08	9.10	2.00	0.00	1.00	0.00
3.10	9.90	2.00	0.00	1.00	0.00	3.12	9.30	2.00	0.00	1.00	0.00
3.14	10.49	2.00	0.00	1.00	0.00	3.16	11.67	2.00	0.00	1.00	0.00
3.18	10.05	2.00	0.00	1.00	0.00	3.20	8.27	2.00	0.00	1.00	0.00
3.22	7.08	2.00	0.00	1.00	0.00	3.24	6.63	2.00	0.00	1.00	0.00
3.26	6.40	2.00	0.00	1.00	0.00	3.28	6.39	2.00	0.00	1.00	0.00
3.30	6.39	2.00	0.00	1.00	0.00	3.32	6.43	2.00	0.00	1.00	0.00
3.34	6.47	2.00	0.00	1.00	0.00	3.36	6.75	2.00	0.00	1.00	0.00
3.38	6.65	2.00	0.00	1.00	0.00	3.40	6.78	2.00	0.00	1.00	0.00
3.42	6.91	2.00	0.00	1.00	0.00	3.44	7.07	2.00	0.00	1.00	0.00
3.46	7.10	2.00	0.00	1.00	0.00	3.48	7.30	2.00	0.00	1.00	0.00
3.50	7.50	2.00	0.00	1.00	0.00	3.52	8.80	2.00	0.00	1.00	0.00
3.54	11.30	2.00	0.00	1.00	0.00	3.56	14.42	2.00	0.00	1.00	0.00
3.58	15.25	2.00	0.00	1.00	0.00	3.60	13.15	2.00	0.00	1.00	0.00
3.62	10.10	2.00	0.00	1.00	0.00	3.64	8.16	2.00	0.00	1.00	0.00
3.66	7.49	2.00	0.00	1.00	0.00	3.68	7.25	2.00	0.00	1.00	0.00
3.70	7.12	2.00	0.00	1.00	0.00	3.72	7.08	2.00	0.00	1.00	0.00
3.74	7.07	2.00	0.00	1.00	0.00	3.76	7.07	2.00	0.00	1.00	0.00
3.78	7.07	2.00	0.00	1.00	0.00	3.80	7.10	2.00	0.00	1.00	0.00
3.82	7.13	2.00	0.00	1.00	0.00	3.84	7.80	2.00	0.00	1.00	0.00
3.86	8.15	2.00	0.00	1.00	0.00	3.88	8.70	2.00	0.00	1.00	0.00
3.90	9.41	2.00	0.00	1.00	0.00	3.92	9.92	2.00	0.00	1.00	0.00
3.94	10.67	2.00	0.00	1.00	0.00	3.96	11.33	2.00	0.00	1.00	0.00
3.98	12.04	2.00	0.00	1.00	0.00	4.00	12.35	2.00	0.00	1.00	0.00
4.02	12.05	2.00	0.00	1.00	0.00	4.04	12.06	2.00	0.00	1.00	0.00
4.06	12.07	2.00	0.00	1.00	0.00	4.08	12.19	2.00	0.00	1.00	0.00
4.10	12.97	2.00	0.00	1.00	0.00	4.12	11.86	2.00	0.00	1.00	0.00
4.14	11.78	2.00	0.00	1.00	0.00	4.16	11.65	2.00	0.00	1.00	0.00
4.18	11.64	2.00	0.00	1.00	0.00	4.20	11.65	2.00	0.00	1.00	0.00
4.22	11.67	2.00	0.00	1.00	0.00	4.24	12.00	2.00	0.00	1.00	0.00
4.26	11.88	2.00	0.00	1.00	0.00	4.28	11.96	2.00	0.00	1.00	0.00
4.30	12.03	2.00	0.00	1.00	0.00	4.32	12.62	2.00	0.00	1.00	0.00
4.34	12.06	2.00	0.00	1.00	0.00	4.36	12.24	2.00	0.00	1.00	0.00
4.38	12.41	2.00	0.00	1.00	0.00	4.40	13.75	2.00	0.00	1.00	0.00
4.42	14.02	2.00	0.00	1.00	0.00	4.44	13.86	2.00	0.00	1.00	0.00
4.46	12.59	2.00	0.00	1.00	0.00	4.48	12.15	2.00	0.00	1.00	0.00
4.50	12.02	2.00	0.00	1.00	0.00	4.52	11.46	2.00	0.00	1.00	0.00
4.54	11.06	2.00	0.00	1.00	0.00	4.56	11.02	2.00	0.00	1.00	0.00
4.58	10.99	2.00	0.00	1.00	0.00	4.60	10.98	2.00	0.00	1.00	0.00
4.62	11.01	2.00	0.00	1.00	0.00	4.64	11.04	2.00	0.00	1.00	0.00
4.66	11.33	2.00	0.00	1.00	0.00	4.68	12.03	2.00	0.00	1.00	0.00
4.70	13.05	2.00	0.00	1.00	0.00	4.72	13.60	2.00	0.00	1.00	0.00
4.74	13.15	2.00	0.00	1.00	0.00	4.76	12.84	2.00	0.00	1.00	0.00
4.78	12.71	2.00	0.00	1.00	0.00	4.80	12.58	2.00	0.00	1.00	0.00
4.82	13.04	2.00	0.00	1.00	0.00	4.84	12.56	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
4.86	12.19	2.00	0.00	1.00	0.00	4.88	12.17	2.00	0.00	1.00	0.00
4.90	12.17	2.00	0.00	1.00	0.00	4.92	12.17	2.00	0.00	1.00	0.00
4.94	12.23	2.00	0.00	1.00	0.00	4.96	12.85	2.00	0.00	1.00	0.00
4.98	12.60	2.00	0.00	1.00	0.00	5.00	11.84	2.00	0.00	1.00	0.00
5.02	11.84	2.00	0.00	1.00	0.00	5.04	11.84	2.00	0.00	1.00	0.00
5.06	11.89	2.00	0.00	1.00	0.00	5.08	11.94	2.00	0.00	1.00	0.00
5.10	13.57	2.00	0.00	1.00	0.00	5.12	13.83	2.00	0.00	1.00	0.00
5.14	14.29	2.00	0.00	1.00	0.00	5.16	14.75	2.00	0.00	1.00	0.00
5.18	14.34	2.00	0.00	1.00	0.00	5.20	14.12	2.00	0.00	1.00	0.00
5.22	13.79	2.00	0.00	1.00	0.00	5.24	13.13	2.00	0.00	1.00	0.00
5.26	12.65	2.00	0.00	1.00	0.00	5.28	12.32	2.00	0.00	1.00	0.00
5.30	12.24	2.00	0.00	1.00	0.00	5.32	12.20	2.00	0.00	1.00	0.00
5.34	12.18	2.00	0.00	1.00	0.00	5.36	12.17	2.00	0.00	1.00	0.00
5.38	12.15	2.00	0.00	1.00	0.00	5.40	12.18	2.00	0.00	1.00	0.00
5.42	12.45	2.00	0.00	1.00	0.00	5.44	14.35	2.00	0.00	1.00	0.00
5.46	19.53	2.00	0.00	1.00	0.00	5.48	22.80	2.00	0.00	1.00	0.00
5.50	26.12	2.00	0.00	1.00	0.00	5.52	87.15	0.49	3.69	1.00	0.07
5.54	87.83	0.50	3.66	1.00	0.07	5.56	92.23	0.52	3.49	1.00	0.07
5.58	95.65	0.54	3.36	1.00	0.07	5.60	88.97	0.50	3.61	1.00	0.07
5.62	85.39	0.48	3.76	1.00	0.08	5.64	85.01	0.48	3.78	1.00	0.08
5.66	84.47	0.48	3.80	1.00	0.08	5.68	85.19	0.48	3.77	1.00	0.08
5.70	83.76	0.47	3.83	1.00	0.08	5.72	82.82	0.47	3.88	1.00	0.08
5.74	81.52	0.46	3.94	1.00	0.08	5.76	81.78	0.46	3.92	1.00	0.08
5.78	81.70	0.46	3.93	1.00	0.08	5.80	81.96	0.47	3.92	1.00	0.08
5.82	81.62	0.46	3.93	1.00	0.08	5.84	79.71	0.45	4.02	1.00	0.08
5.86	83.77	0.47	3.83	1.00	0.08	5.88	82.39	0.47	3.90	1.00	0.08
5.90	65.82	0.40	4.81	1.00	0.10	5.92	65.37	0.40	4.84	1.00	0.10
5.94	71.06	0.42	4.49	1.00	0.09	5.96	73.42	0.43	4.35	1.00	0.09
5.98	72.35	0.42	4.41	1.00	0.09	6.00	68.92	0.41	4.61	1.00	0.09
6.02	66.35	0.40	4.78	1.00	0.10	6.04	68.03	0.41	4.67	1.00	0.09
6.06	73.20	0.43	4.36	1.00	0.09	6.08	73.69	0.43	4.34	1.00	0.09
6.10	69.52	0.41	4.58	1.00	0.09	6.12	73.66	0.43	4.34	1.00	0.09
6.14	77.09	0.44	4.15	1.00	0.08	6.16	76.90	0.44	4.16	1.00	0.08
6.18	73.30	0.43	4.36	1.00	0.09	6.20	67.29	0.40	4.72	1.00	0.09
6.22	61.65	0.38	5.11	1.00	0.10	6.24	64.38	0.39	4.91	1.00	0.10
6.26	72.31	0.42	4.41	1.00	0.09	6.28	77.54	0.44	4.13	1.00	0.08
6.30	76.79	0.44	4.17	1.00	0.08	6.32	75.36	0.43	4.24	1.00	0.08
6.34	73.05	0.42	4.37	1.00	0.09	6.36	72.23	0.42	4.42	1.00	0.09
6.38	16.73	2.00	0.00	1.00	0.00	6.40	16.68	2.00	0.00	1.00	0.00
6.42	16.65	2.00	0.00	1.00	0.00	6.44	16.65	2.00	0.00	1.00	0.00
6.46	77.61	0.44	4.13	1.00	0.08	6.48	83.23	0.47	3.86	1.00	0.08
6.50	83.95	0.47	3.83	1.00	0.08	6.52	82.75	0.47	3.88	1.00	0.08
6.54	82.20	0.46	3.91	1.00	0.08	6.56	80.36	0.45	3.99	1.00	0.08
6.58	79.97	0.45	4.01	1.00	0.08	6.60	79.59	0.45	4.03	1.00	0.08
6.62	78.22	0.44	4.10	1.00	0.08	6.64	79.30	0.45	4.04	1.00	0.08
6.66	75.89	0.43	4.22	1.00	0.08	6.68	77.00	0.44	4.16	1.00	0.08
6.70	72.56	0.42	4.40	1.00	0.09	6.72	72.33	0.42	4.41	1.00	0.09
6.74	73.32	0.42	4.36	1.00	0.09	6.76	74.90	0.43	4.27	1.00	0.09

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
6.78	76.27	0.44	4.20	1.00	0.08	6.80	78.84	0.45	4.07	1.00	0.08
6.82	77.41	0.44	4.14	1.00	0.08	6.84	74.82	0.43	4.27	1.00	0.09
6.86	70.74	0.41	4.50	1.00	0.09	6.88	11.89	2.00	0.00	1.00	0.00
6.90	9.67	2.00	0.00	1.00	0.00	6.92	7.73	2.00	0.00	1.00	0.00
6.94	7.34	2.00	0.00	1.00	0.00	6.96	7.20	2.00	0.00	1.00	0.00
6.98	7.18	2.00	0.00	1.00	0.00	7.00	7.17	2.00	0.00	1.00	0.00
7.02	7.17	2.00	0.00	1.00	0.00	7.04	7.16	2.00	0.00	1.00	0.00
7.06	7.18	2.00	0.00	1.00	0.00	7.08	7.67	2.00	0.00	1.00	0.00
7.10	7.69	2.00	0.00	1.00	0.00	7.12	7.68	2.00	0.00	1.00	0.00
7.14	7.74	2.00	0.00	1.00	0.00	7.16	7.69	2.00	0.00	1.00	0.00
7.18	7.65	2.00	0.00	1.00	0.00	7.20	7.67	2.00	0.00	1.00	0.00
7.22	7.62	2.00	0.00	1.00	0.00	7.24	7.51	2.00	0.00	1.00	0.00
7.26	7.17	2.00	0.00	1.00	0.00	7.28	6.96	2.00	0.00	1.00	0.00
7.30	6.95	2.00	0.00	1.00	0.00	7.32	6.94	2.00	0.00	1.00	0.00
7.34	6.93	2.00	0.00	1.00	0.00	7.36	6.92	2.00	0.00	1.00	0.00
7.38	6.98	2.00	0.00	1.00	0.00	7.40	7.02	2.00	0.00	1.00	0.00
7.42	7.06	2.00	0.00	1.00	0.00	7.44	7.27	2.00	0.00	1.00	0.00
7.46	7.66	2.00	0.00	1.00	0.00	7.48	8.14	2.00	0.00	1.00	0.00
7.50	8.09	2.00	0.00	1.00	0.00	7.52	8.37	2.00	0.00	1.00	0.00
7.54	8.52	2.00	0.00	1.00	0.00	7.56	8.55	2.00	0.00	1.00	0.00
7.58	8.73	2.00	0.00	1.00	0.00	7.60	8.59	2.00	0.00	1.00	0.00
7.62	8.58	2.00	0.00	1.00	0.00	7.64	8.58	2.00	0.00	1.00	0.00
7.66	8.59	2.00	0.00	1.00	0.00	7.68	8.87	2.00	0.00	1.00	0.00
7.70	8.85	2.00	0.00	1.00	0.00	7.72	8.97	2.00	0.00	1.00	0.00
7.74	8.67	2.00	0.00	1.00	0.00	7.76	8.66	2.00	0.00	1.00	0.00
7.78	8.65	2.00	0.00	1.00	0.00	7.80	8.64	2.00	0.00	1.00	0.00
7.82	8.63	2.00	0.00	1.00	0.00	7.84	8.87	2.00	0.00	1.00	0.00
7.86	8.98	2.00	0.00	1.00	0.00	7.88	8.94	2.00	0.00	1.00	0.00
7.90	8.97	2.00	0.00	1.00	0.00	7.92	9.00	2.00	0.00	1.00	0.00
7.94	9.10	2.00	0.00	1.00	0.00	7.96	9.30	2.00	0.00	1.00	0.00
7.98	9.48	2.00	0.00	1.00	0.00	8.00	9.50	2.00	0.00	1.00	0.00
8.02	9.80	2.00	0.00	1.00	0.00	8.04	9.44	2.00	0.00	1.00	0.00
8.06	9.30	2.00	0.00	1.00	0.00	8.08	9.27	2.00	0.00	1.00	0.00
8.10	9.26	2.00	0.00	1.00	0.00	8.12	9.26	2.00	0.00	1.00	0.00
8.14	9.27	2.00	0.00	1.00	0.00	8.16	9.33	2.00	0.00	1.00	0.00
8.18	9.47	2.00	0.00	1.00	0.00	8.20	9.64	2.00	0.00	1.00	0.00
8.22	9.78	2.00	0.00	1.00	0.00	8.24	9.92	2.00	0.00	1.00	0.00
8.26	9.82	2.00	0.00	1.00	0.00	8.28	9.80	2.00	0.00	1.00	0.00
8.30	9.79	2.00	0.00	1.00	0.00	8.32	9.79	2.00	0.00	1.00	0.00
8.34	9.83	2.00	0.00	1.00	0.00	8.36	9.79	2.00	0.00	1.00	0.00
8.38	10.01	2.00	0.00	1.00	0.00	8.40	9.81	2.00	0.00	1.00	0.00
8.42	9.95	2.00	0.00	1.00	0.00	8.44	10.08	2.00	0.00	1.00	0.00
8.46	10.22	2.00	0.00	1.00	0.00	8.48	10.23	2.00	0.00	1.00	0.00
8.50	10.42	2.00	0.00	1.00	0.00	8.52	10.71	2.00	0.00	1.00	0.00
8.54	11.20	2.00	0.00	1.00	0.00	8.56	11.54	2.00	0.00	1.00	0.00
8.58	11.52	2.00	0.00	1.00	0.00	8.60	11.83	2.00	0.00	1.00	0.00
8.62	11.51	2.00	0.00	1.00	0.00	8.64	11.40	2.00	0.00	1.00	0.00
8.66	11.33	2.00	0.00	1.00	0.00	8.68	11.31	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
8.70	11.29	2.00	0.00	1.00	0.00	8.72	11.33	2.00	0.00	1.00	0.00
8.74	11.22	2.00	0.00	1.00	0.00	8.76	11.12	2.00	0.00	1.00	0.00
8.78	11.10	2.00	0.00	1.00	0.00	8.80	11.09	2.00	0.00	1.00	0.00
8.82	11.07	2.00	0.00	1.00	0.00	8.84	11.06	2.00	0.00	1.00	0.00
8.86	11.12	2.00	0.00	1.00	0.00	8.88	11.28	2.00	0.00	1.00	0.00
8.90	11.29	2.00	0.00	1.00	0.00	8.92	11.48	2.00	0.00	1.00	0.00
8.94	11.64	2.00	0.00	1.00	0.00	8.96	11.56	2.00	0.00	1.00	0.00
8.98	11.25	2.00	0.00	1.00	0.00	9.00	11.11	2.00	0.00	1.00	0.00
9.02	11.33	2.00	0.00	1.00	0.00	9.04	10.96	2.00	0.00	1.00	0.00
9.06	10.90	2.00	0.00	1.00	0.00	9.08	10.88	2.00	0.00	1.00	0.00
9.10	10.86	2.00	0.00	1.00	0.00	9.12	10.85	2.00	0.00	1.00	0.00
9.14	10.84	2.00	0.00	1.00	0.00	9.16	10.86	2.00	0.00	1.00	0.00
9.18	11.07	2.00	0.00	1.00	0.00	9.20	10.91	2.00	0.00	1.00	0.00
9.22	10.98	2.00	0.00	1.00	0.00	9.24	11.05	2.00	0.00	1.00	0.00
9.26	11.26	2.00	0.00	1.00	0.00	9.28	11.44	2.00	0.00	1.00	0.00
9.30	11.77	2.00	0.00	1.00	0.00	9.32	12.27	2.00	0.00	1.00	0.00
9.34	11.90	2.00	0.00	1.00	0.00	9.36	12.14	2.00	0.00	1.00	0.00
9.38	12.49	2.00	0.00	1.00	0.00	9.40	12.73	2.00	0.00	1.00	0.00
9.42	12.94	2.00	0.00	1.00	0.00	9.44	12.92	2.00	0.00	1.00	0.00
9.46	12.87	2.00	0.00	1.00	0.00	9.48	12.82	2.00	0.00	1.00	0.00
9.50	12.77	2.00	0.00	1.00	0.00	9.52	12.69	2.00	0.00	1.00	0.00
9.54	12.67	2.00	0.00	1.00	0.00	9.56	12.64	2.00	0.00	1.00	0.00
9.58	12.60	2.00	0.00	1.00	0.00	9.60	12.53	2.00	0.00	1.00	0.00
9.62	12.52	2.00	0.00	1.00	0.00	9.64	12.51	2.00	0.00	1.00	0.00
9.66	12.54	2.00	0.00	1.00	0.00	9.68	12.63	2.00	0.00	1.00	0.00
9.70	13.14	2.00	0.00	1.00	0.00	9.72	13.75	2.00	0.00	1.00	0.00
9.74	14.32	2.00	0.00	1.00	0.00	9.76	14.88	2.00	0.00	1.00	0.00
9.78	15.16	2.00	0.00	1.00	0.00	9.80	15.30	2.00	0.00	1.00	0.00
9.82	15.63	2.00	0.00	1.00	0.00	9.84	15.50	2.00	0.00	1.00	0.00
9.86	16.05	2.00	0.00	1.00	0.00	9.88	16.36	2.00	0.00	1.00	0.00
9.90	16.77	2.00	0.00	1.00	0.00	9.92	16.80	2.00	0.00	1.00	0.00
9.94	16.78	2.00	0.00	1.00	0.00	9.96	16.77	2.00	0.00	1.00	0.00
9.98	16.80	2.00	0.00	1.00	0.00	10.00	16.91	2.00	0.00	1.00	0.00
10.02	17.02	2.00	0.00	1.00	0.00	10.04	16.69	2.00	0.00	1.00	0.00
10.06	16.44	2.00	0.00	1.00	0.00	10.08	16.18	2.00	0.00	1.00	0.00
10.10	15.26	2.00	0.00	1.00	0.00	10.12	15.14	2.00	0.00	1.00	0.00
10.14	14.82	2.00	0.00	1.00	0.00	10.16	14.69	2.00	0.00	1.00	0.00
10.18	14.23	2.00	0.00	1.00	0.00	10.20	13.45	2.00	0.00	1.00	0.00
10.22	13.14	2.00	0.00	1.00	0.00	10.24	13.06	2.00	0.00	1.00	0.00
10.26	13.04	2.00	0.00	1.00	0.00	10.28	13.02	2.00	0.00	1.00	0.00
10.30	13.02	2.00	0.00	1.00	0.00	10.32	13.02	2.00	0.00	1.00	0.00
10.34	13.08	2.00	0.00	1.00	0.00	10.36	13.11	2.00	0.00	1.00	0.00
10.38	13.13	2.00	0.00	1.00	0.00	10.40	13.28	2.00	0.00	1.00	0.00
10.42	13.47	2.00	0.00	1.00	0.00	10.44	13.91	2.00	0.00	1.00	0.00
10.46	14.45	2.00	0.00	1.00	0.00	10.48	15.01	2.00	0.00	1.00	0.00
10.50	15.47	2.00	0.00	1.00	0.00	10.52	15.74	2.00	0.00	1.00	0.00
10.54	16.07	2.00	0.00	1.00	0.00	10.56	16.61	2.00	0.00	1.00	0.00
10.58	16.58	2.00	0.00	1.00	0.00	10.60	16.57	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
10.62	16.56	2.00	0.00	1.00	0.00	10.64	16.60	2.00	0.00	1.00	0.00
10.66	16.73	2.00	0.00	1.00	0.00	10.68	16.99	2.00	0.00	1.00	0.00
10.70	17.23	2.00	0.00	1.00	0.00	10.72	17.05	2.00	0.00	1.00	0.00
10.74	17.21	2.00	0.00	1.00	0.00	10.76	17.19	2.00	0.00	1.00	0.00
10.78	17.20	2.00	0.00	1.00	0.00	10.80	17.33	2.00	0.00	1.00	0.00
10.82	17.42	2.00	0.00	1.00	0.00	10.84	17.39	2.00	0.00	1.00	0.00
10.86	16.98	2.00	0.00	1.00	0.00	10.88	16.39	2.00	0.00	1.00	0.00
10.90	15.87	2.00	0.00	1.00	0.00	10.92	15.05	2.00	0.00	1.00	0.00
10.94	13.88	2.00	0.00	1.00	0.00	10.96	12.64	2.00	0.00	1.00	0.00
10.98	11.82	2.00	0.00	1.00	0.00	11.00	11.41	2.00	0.00	1.00	0.00
11.02	10.78	2.00	0.00	1.00	0.00	11.04	9.98	2.00	0.00	1.00	0.00
11.06	9.77	2.00	0.00	1.00	0.00	11.08	9.73	2.00	0.00	1.00	0.00
11.10	9.73	2.00	0.00	1.00	0.00	11.12	9.72	2.00	0.00	1.00	0.00
11.14	9.73	2.00	0.00	1.00	0.00	11.16	9.77	2.00	0.00	1.00	0.00
11.18	10.09	2.00	0.00	1.00	0.00	11.20	10.60	2.00	0.00	1.00	0.00
11.22	11.00	2.00	0.00	1.00	0.00	11.24	11.25	2.00	0.00	1.00	0.00
11.26	11.49	2.00	0.00	1.00	0.00	11.28	11.79	2.00	0.00	1.00	0.00
11.30	11.68	2.00	0.00	1.00	0.00	11.32	11.39	2.00	0.00	1.00	0.00
11.34	11.37	2.00	0.00	1.00	0.00	11.36	11.40	2.00	0.00	1.00	0.00
11.38	11.42	2.00	0.00	1.00	0.00	11.40	11.48	2.00	0.00	1.00	0.00
11.42	12.27	2.00	0.00	1.00	0.00	11.44	12.49	2.00	0.00	1.00	0.00
11.46	12.26	2.00	0.00	1.00	0.00	11.48	12.31	2.00	0.00	1.00	0.00
11.50	12.37	2.00	0.00	1.00	0.00	11.52	12.79	2.00	0.00	1.00	0.00
11.54	13.07	2.00	0.00	1.00	0.00	11.56	13.85	2.00	0.00	1.00	0.00
11.58	15.79	2.00	0.00	1.00	0.00	11.60	16.67	2.00	0.00	1.00	0.00
11.62	16.10	2.00	0.00	1.00	0.00	11.64	15.08	2.00	0.00	1.00	0.00
11.66	14.67	2.00	0.00	1.00	0.00	11.68	14.47	2.00	0.00	1.00	0.00
11.70	14.45	2.00	0.00	1.00	0.00	11.72	14.44	2.00	0.00	1.00	0.00
11.74	14.45	2.00	0.00	1.00	0.00	11.76	14.64	2.00	0.00	1.00	0.00
11.78	14.63	2.00	0.00	1.00	0.00	11.80	14.66	2.00	0.00	1.00	0.00
11.82	14.95	2.00	0.00	1.00	0.00	11.84	15.15	2.00	0.00	1.00	0.00
11.86	15.49	2.00	0.00	1.00	0.00	11.88	15.40	2.00	0.00	1.00	0.00
11.90	15.61	2.00	0.00	1.00	0.00	11.92	15.81	2.00	0.00	1.00	0.00
11.94	16.27	2.00	0.00	1.00	0.00	11.96	17.21	2.00	0.00	1.00	0.00
11.98	18.26	2.00	0.00	1.00	0.00	12.00	18.27	2.00	0.00	1.00	0.00
12.02	18.48	2.00	0.00	1.00	0.00	12.04	18.69	2.00	0.00	1.00	0.00
12.06	19.60	2.00	0.00	1.00	0.00	12.08	19.63	2.00	0.00	1.00	0.00
12.10	19.07	2.00	0.00	1.00	0.00	12.12	18.48	2.00	0.00	1.00	0.00
12.14	17.89	2.00	0.00	1.00	0.00	12.16	16.42	2.00	0.00	1.00	0.00
12.18	15.91	2.00	0.00	1.00	0.00	12.20	15.90	2.00	0.00	1.00	0.00
12.22	15.89	2.00	0.00	1.00	0.00	12.24	15.90	2.00	0.00	1.00	0.00
12.26	16.01	2.00	0.00	1.00	0.00	12.28	18.42	2.00	0.00	1.00	0.00
12.30	20.08	2.00	0.00	1.00	0.00	12.32	20.74	2.00	0.00	1.00	0.00
12.34	22.16	2.00	0.00	1.00	0.00	12.36	21.47	2.00	0.00	1.00	0.00
12.38	22.08	2.00	0.00	1.00	0.00	12.40	22.85	2.00	0.00	1.00	0.00
12.42	22.10	2.00	0.00	1.00	0.00	12.44	22.48	2.00	0.00	1.00	0.00
12.46	21.36	2.00	0.00	1.00	0.00	12.48	20.10	2.00	0.00	1.00	0.00
12.50	18.50	2.00	0.00	1.00	0.00	12.52	17.24	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
12.54	16.51	2.00	0.00	1.00	0.00	12.56	16.32	2.00	0.00	1.00	0.00
12.58	16.30	2.00	0.00	1.00	0.00	12.60	16.30	2.00	0.00	1.00	0.00
12.62	16.31	2.00	0.00	1.00	0.00	12.64	16.71	2.00	0.00	1.00	0.00
12.66	18.27	2.00	0.00	1.00	0.00	12.68	19.40	2.00	0.00	1.00	0.00
12.70	20.27	2.00	0.00	1.00	0.00	12.72	20.87	2.00	0.00	1.00	0.00
12.74	20.85	2.00	0.00	1.00	0.00	12.76	20.20	2.00	0.00	1.00	0.00
12.78	19.88	2.00	0.00	1.00	0.00	12.80	19.45	2.00	0.00	1.00	0.00
12.82	18.35	2.00	0.00	1.00	0.00	12.84	16.85	2.00	0.00	1.00	0.00
12.86	15.25	2.00	0.00	1.00	0.00	12.88	13.77	2.00	0.00	1.00	0.00
12.90	13.68	2.00	0.00	1.00	0.00	12.92	13.69	2.00	0.00	1.00	0.00
12.94	13.70	2.00	0.00	1.00	0.00	12.96	13.78	2.00	0.00	1.00	0.00
12.98	13.95	2.00	0.00	1.00	0.00	13.00	13.95	2.00	0.00	1.00	0.00
13.02	14.24	2.00	0.00	1.00	0.00	13.04	15.40	2.00	0.00	1.00	0.00
13.06	16.55	2.00	0.00	1.00	0.00	13.08	15.66	2.00	0.00	1.00	0.00
13.10	14.77	2.00	0.00	1.00	0.00	13.12	13.79	2.00	0.00	1.00	0.00
13.14	13.30	2.00	0.00	1.00	0.00	13.16	12.58	2.00	0.00	1.00	0.00
13.18	12.52	2.00	0.00	1.00	0.00	13.20	12.28	2.00	0.00	1.00	0.00
13.22	11.53	2.00	0.00	1.00	0.00	13.24	11.31	2.00	0.00	1.00	0.00
13.26	11.30	2.00	0.00	1.00	0.00	13.28	11.30	2.00	0.00	1.00	0.00
13.30	11.31	2.00	0.00	1.00	0.00	13.32	11.39	2.00	0.00	1.00	0.00
13.34	11.34	2.00	0.00	1.00	0.00	13.36	11.12	2.00	0.00	1.00	0.00
13.38	11.11	2.00	0.00	1.00	0.00	13.40	11.10	2.00	0.00	1.00	0.00
13.42	11.10	2.00	0.00	1.00	0.00	13.44	11.18	2.00	0.00	1.00	0.00
13.46	11.90	2.00	0.00	1.00	0.00	13.48	12.31	2.00	0.00	1.00	0.00
13.50	12.19	2.00	0.00	1.00	0.00	13.52	12.00	2.00	0.00	1.00	0.00
13.54	11.91	2.00	0.00	1.00	0.00	13.56	11.96	2.00	0.00	1.00	0.00
13.58	12.01	2.00	0.00	1.00	0.00	13.60	12.13	2.00	0.00	1.00	0.00
13.62	12.68	2.00	0.00	1.00	0.00	13.64	14.09	2.00	0.00	1.00	0.00
13.66	14.92	2.00	0.00	1.00	0.00	13.68	15.56	2.00	0.00	1.00	0.00
13.70	15.90	2.00	0.00	1.00	0.00	13.72	15.93	2.00	0.00	1.00	0.00
13.74	16.50	2.00	0.00	1.00	0.00	13.76	16.74	2.00	0.00	1.00	0.00
13.78	16.68	2.00	0.00	1.00	0.00	13.80	16.70	2.00	0.00	1.00	0.00
13.82	16.72	2.00	0.00	1.00	0.00	13.84	17.15	2.00	0.00	1.00	0.00
13.86	17.25	2.00	0.00	1.00	0.00	13.88	17.14	2.00	0.00	1.00	0.00
13.90	16.69	2.00	0.00	1.00	0.00	13.92	16.50	2.00	0.00	1.00	0.00
13.94	16.40	2.00	0.00	1.00	0.00	13.96	16.45	2.00	0.00	1.00	0.00
13.98	16.51	2.00	0.00	1.00	0.00	14.00	16.67	2.00	0.00	1.00	0.00
14.02	17.02	2.00	0.00	1.00	0.00	14.04	17.16	2.00	0.00	1.00	0.00
14.06	17.30	2.00	0.00	1.00	0.00	14.08	18.56	2.00	0.00	1.00	0.00
14.10	18.46	2.00	0.00	1.00	0.00	14.12	18.21	2.00	0.00	1.00	0.00
14.14	17.51	2.00	0.00	1.00	0.00	14.16	16.19	2.00	0.00	1.00	0.00
14.18	15.17	2.00	0.00	1.00	0.00	14.20	14.01	2.00	0.00	1.00	0.00
14.22	13.43	2.00	0.00	1.00	0.00	14.24	12.89	2.00	0.00	1.00	0.00
14.26	12.49	2.00	0.00	1.00	0.00	14.28	12.47	2.00	0.00	1.00	0.00
14.30	12.45	2.00	0.00	1.00	0.00	14.32	12.50	2.00	0.00	1.00	0.00
14.34	12.37	2.00	0.00	1.00	0.00	14.36	12.01	2.00	0.00	1.00	0.00
14.38	11.95	2.00	0.00	1.00	0.00	14.40	11.62	2.00	0.00	1.00	0.00
14.42	11.49	2.00	0.00	1.00	0.00	14.44	10.93	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
14.46	10.81	2.00	0.00	1.00	0.00	14.48	10.70	2.00	0.00	1.00	0.00
14.50	10.64	2.00	0.00	1.00	0.00	14.52	10.63	2.00	0.00	1.00	0.00
14.54	10.63	2.00	0.00	1.00	0.00	14.56	10.63	2.00	0.00	1.00	0.00
14.58	10.65	2.00	0.00	1.00	0.00	14.60	10.69	2.00	0.00	1.00	0.00
14.62	10.77	2.00	0.00	1.00	0.00	14.64	10.62	2.00	0.00	1.00	0.00
14.66	10.48	2.00	0.00	1.00	0.00	14.68	10.40	2.00	0.00	1.00	0.00
14.70	10.36	2.00	0.00	1.00	0.00	14.72	10.35	2.00	0.00	1.00	0.00
14.74	10.35	2.00	0.00	1.00	0.00	14.76	10.35	2.00	0.00	1.00	0.00
14.78	10.37	2.00	0.00	1.00	0.00	14.80	10.36	2.00	0.00	1.00	0.00
14.82	10.38	2.00	0.00	1.00	0.00	14.84	10.40	2.00	0.00	1.00	0.00
14.86	10.49	2.00	0.00	1.00	0.00	14.88	10.50	2.00	0.00	1.00	0.00
14.90	10.51	2.00	0.00	1.00	0.00	14.92	10.59	2.00	0.00	1.00	0.00
14.94	10.69	2.00	0.00	1.00	0.00	14.96	10.96	2.00	0.00	1.00	0.00
14.98	11.19	2.00	0.00	1.00	0.00	15.00	11.23	2.00	0.00	1.00	0.00
15.02	11.20	2.00	0.00	1.00	0.00	15.04	11.22	2.00	0.00	1.00	0.00
15.06	11.23	2.00	0.00	1.00	0.00	15.08	11.42	2.00	0.00	1.00	0.00
15.10	11.81	2.00	0.00	1.00	0.00	15.12	11.95	2.00	0.00	1.00	0.00
15.14	11.87	2.00	0.00	1.00	0.00	15.16	11.94	2.00	0.00	1.00	0.00
15.18	12.00	2.00	0.00	1.00	0.00	15.20	11.96	2.00	0.00	1.00	0.00
15.22	11.96	2.00	0.00	1.00	0.00	15.24	11.95	2.00	0.00	1.00	0.00
15.26	11.95	2.00	0.00	1.00	0.00	15.28	11.97	2.00	0.00	1.00	0.00
15.30	12.39	2.00	0.00	1.00	0.00	15.32	12.99	2.00	0.00	1.00	0.00
15.34	13.17	2.00	0.00	1.00	0.00	15.36	12.85	2.00	0.00	1.00	0.00
15.38	12.75	2.00	0.00	1.00	0.00	15.40	12.63	2.00	0.00	1.00	0.00
15.42	12.57	2.00	0.00	1.00	0.00	15.44	12.30	2.00	0.00	1.00	0.00
15.46	11.98	2.00	0.00	1.00	0.00	15.48	11.73	2.00	0.00	1.00	0.00
15.50	11.31	2.00	0.00	1.00	0.00	15.52	10.69	2.00	0.00	1.00	0.00
15.54	10.62	2.00	0.00	1.00	0.00	15.56	10.28	2.00	0.00	1.00	0.00
15.58	10.16	2.00	0.00	1.00	0.00	15.60	9.88	2.00	0.00	1.00	0.00
15.62	9.87	2.00	0.00	1.00	0.00	15.64	9.77	2.00	0.00	1.00	0.00
15.66	9.40	2.00	0.00	1.00	0.00	15.68	8.88	2.00	0.00	1.00	0.00
15.70	8.27	2.00	0.00	1.00	0.00	15.72	8.25	2.00	0.00	1.00	0.00
15.74	8.26	2.00	0.00	1.00	0.00	15.76	8.27	2.00	0.00	1.00	0.00
15.78	8.30	2.00	0.00	1.00	0.00	15.80	8.36	2.00	0.00	1.00	0.00
15.82	8.75	2.00	0.00	1.00	0.00	15.84	8.92	2.00	0.00	1.00	0.00
15.86	8.91	2.00	0.00	1.00	0.00	15.88	8.93	2.00	0.00	1.00	0.00
15.90	8.80	2.00	0.00	1.00	0.00	15.92	8.57	2.00	0.00	1.00	0.00
15.94	8.50	2.00	0.00	1.00	0.00	15.96	8.49	2.00	0.00	1.00	0.00
15.98	8.48	2.00	0.00	1.00	0.00	16.00	8.48	2.00	0.00	1.00	0.00
16.02	8.48	2.00	0.00	1.00	0.00	16.04	10.29	2.00	0.00	1.00	0.00
16.06	10.16	2.00	0.00	1.00	0.00	16.08	10.78	2.00	0.00	1.00	0.00
16.10	11.40	2.00	0.00	1.00	0.00	16.12	12.89	2.00	0.00	1.00	0.00
16.14	21.03	2.00	0.00	1.00	0.00	16.16	84.42	0.56	3.81	1.00	0.08
16.18	85.59	0.56	3.75	1.00	0.08	16.20	85.01	0.56	3.78	1.00	0.08
16.22	85.60	0.56	3.75	1.00	0.08	16.24	85.46	0.56	3.76	1.00	0.08
16.26	87.07	0.57	3.69	1.00	0.07	16.28	90.86	0.60	3.54	1.00	0.07
16.30	95.25	0.62	3.38	1.00	0.07	16.32	95.57	0.63	3.36	1.00	0.07
16.34	97.93	0.64	3.28	1.00	0.07	16.36	100.67	0.67	3.19	1.00	0.06

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
16.38	103.20	0.69	3.11	1.00	0.06	16.40	103.24	0.69	3.11	1.00	0.06
16.42	100.81	0.67	3.19	1.00	0.06	16.44	89.79	0.59	3.58	1.00	0.07
16.46	82.81	0.55	3.88	1.00	0.08	16.48	79.26	0.53	4.05	1.00	0.08
16.50	79.80	0.54	4.02	1.00	0.08	16.52	83.73	0.56	3.84	1.00	0.08
16.54	89.35	0.59	3.60	1.00	0.07	16.56	96.48	0.64	3.33	1.00	0.07
16.58	101.23	0.67	3.17	1.00	0.06	16.60	102.82	0.69	3.12	1.00	0.06
16.62	103.29	0.69	3.11	1.00	0.06	16.64	103.00	0.69	3.12	1.00	0.06
16.66	105.77	0.71	3.03	1.00	0.06	16.68	107.91	0.73	2.97	1.00	0.06
16.70	108.44	0.74	2.96	1.00	0.06	16.72	109.62	0.75	2.92	1.00	0.06
16.74	110.30	0.76	2.90	1.00	0.06	16.76	106.56	0.72	3.01	1.00	0.06
16.78	106.82	0.73	3.00	1.00	0.06	16.80	105.71	0.72	3.03	1.00	0.06
16.82	105.51	0.71	3.04	1.00	0.06	16.84	103.22	0.69	3.11	1.00	0.06
16.86	112.56	0.79	2.84	1.00	0.06	16.88	111.63	0.78	2.87	1.00	0.06
16.90	103.15	0.70	3.11	1.00	0.06	16.92	94.05	0.63	3.42	1.00	0.07
16.94	86.14	0.58	3.73	1.00	0.07	16.96	21.50	2.00	0.00	1.00	0.00
16.98	20.69	2.00	0.00	1.00	0.00	17.00	20.30	2.00	0.00	1.00	0.00
17.02	19.92	2.00	0.00	1.00	0.00	17.04	20.58	2.00	0.00	1.00	0.00
17.06	19.37	2.00	0.00	1.00	0.00	17.08	16.73	2.00	0.00	1.00	0.00
17.10	14.12	2.00	0.00	1.00	0.00	17.12	14.11	2.00	0.00	1.00	0.00
17.14	14.09	2.00	0.00	1.00	0.00	17.16	14.15	2.00	0.00	1.00	0.00
17.18	14.06	2.00	0.00	1.00	0.00	17.20	13.29	2.00	0.00	1.00	0.00
17.22	13.25	2.00	0.00	1.00	0.00	17.24	13.23	2.00	0.00	1.00	0.00
17.26	13.28	2.00	0.00	1.00	0.00	17.28	13.34	2.00	0.00	1.00	0.00
17.30	13.46	2.00	0.00	1.00	0.00	17.32	13.27	2.00	0.00	1.00	0.00
17.34	12.64	2.00	0.00	1.00	0.00	17.36	12.17	2.00	0.00	1.00	0.00
17.38	12.03	2.00	0.00	1.00	0.00	17.40	11.96	2.00	0.00	1.00	0.00
17.42	11.92	2.00	0.00	1.00	0.00	17.44	11.89	2.00	0.00	1.00	0.00
17.46	11.94	2.00	0.00	1.00	0.00	17.48	11.69	2.00	0.00	1.00	0.00
17.50	11.44	2.00	0.00	1.00	0.00	17.52	11.06	2.00	0.00	1.00	0.00
17.54	10.71	2.00	0.00	1.00	0.00	17.56	10.89	2.00	0.00	1.00	0.00
17.58	10.50	2.00	0.00	1.00	0.00	17.60	10.27	2.00	0.00	1.00	0.00
17.62	10.28	2.00	0.00	1.00	0.00	17.64	10.07	2.00	0.00	1.00	0.00
17.66	9.88	2.00	0.00	1.00	0.00	17.68	9.86	2.00	0.00	1.00	0.00
17.70	9.85	2.00	0.00	1.00	0.00	17.72	9.84	2.00	0.00	1.00	0.00
17.74	9.84	2.00	0.00	1.00	0.00	17.76	9.91	2.00	0.00	1.00	0.00
17.78	9.83	2.00	0.00	1.00	0.00	17.80	9.78	2.00	0.00	1.00	0.00
17.82	9.77	2.00	0.00	1.00	0.00	17.84	9.77	2.00	0.00	1.00	0.00
17.86	9.77	2.00	0.00	1.00	0.00	17.88	9.86	2.00	0.00	1.00	0.00
17.90	10.21	2.00	0.00	1.00	0.00	17.92	10.33	2.00	0.00	1.00	0.00
17.94	10.48	2.00	0.00	1.00	0.00	17.96	10.64	2.00	0.00	1.00	0.00
17.98	10.57	2.00	0.00	1.00	0.00	18.00	10.25	2.00	0.00	1.00	0.00
18.02	10.18	2.00	0.00	1.00	0.00	18.04	10.16	2.00	0.00	1.00	0.00
18.06	10.16	2.00	0.00	1.00	0.00	18.08	10.15	2.00	0.00	1.00	0.00
18.10	10.15	2.00	0.00	1.00	0.00	18.12	10.15	2.00	0.00	1.00	0.00
18.14	10.46	2.00	0.00	1.00	0.00	18.16	10.85	2.00	0.00	1.00	0.00
18.18	11.46	2.00	0.00	1.00	0.00	18.20	11.75	2.00	0.00	1.00	0.00
18.22	11.84	2.00	0.00	1.00	0.00	18.24	11.75	2.00	0.00	1.00	0.00
18.26	11.46	2.00	0.00	1.00	0.00	18.28	11.45	2.00	0.00	1.00	0.00

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

Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
18.30	11.45	2.00	0.00	1.00	0.00	18.32	11.44	2.00	0.00	1.00	0.00
18.34	11.45	2.00	0.00	1.00	0.00	18.36	11.57	2.00	0.00	1.00	0.00
18.38	11.74	2.00	0.00	1.00	0.00	18.40	11.91	2.00	0.00	1.00	0.00
18.42	11.64	2.00	0.00	1.00	0.00	18.44	11.63	2.00	0.00	1.00	0.00
18.46	11.66	2.00	0.00	1.00	0.00	18.48	11.70	2.00	0.00	1.00	0.00
18.50	11.77	2.00	0.00	1.00	0.00	18.52	11.93	2.00	0.00	1.00	0.00
18.54	12.35	2.00	0.00	1.00	0.00	18.56	12.77	2.00	0.00	1.00	0.00
18.58	12.82	2.00	0.00	1.00	0.00	18.60	12.85	2.00	0.00	1.00	0.00
18.62	12.63	2.00	0.00	1.00	0.00	18.64	12.24	2.00	0.00	1.00	0.00
18.66	11.88	2.00	0.00	1.00	0.00	18.68	11.86	2.00	0.00	1.00	0.00
18.70	11.86	2.00	0.00	1.00	0.00	18.72	11.86	2.00	0.00	1.00	0.00
18.74	11.91	2.00	0.00	1.00	0.00	18.76	12.38	2.00	0.00	1.00	0.00
18.78	14.43	2.00	0.00	1.00	0.00	18.80	16.27	2.00	0.00	1.00	0.00
18.82	16.63	2.00	0.00	1.00	0.00	18.84	16.33	2.00	0.00	1.00	0.00
18.86	16.30	2.00	0.00	1.00	0.00	18.88	16.29	2.00	0.00	1.00	0.00
18.90	16.29	2.00	0.00	1.00	0.00	18.92	16.28	2.00	0.00	1.00	0.00
18.94	16.36	2.00	0.00	1.00	0.00	18.96	18.88	2.00	0.00	1.00	0.00
18.98	19.11	2.00	0.00	1.00	0.00	19.00	17.45	2.00	0.00	1.00	0.00
19.02	16.90	2.00	0.00	1.00	0.00	19.04	16.35	2.00	0.00	1.00	0.00
19.06	16.38	2.00	0.00	1.00	0.00	19.08	15.67	2.00	0.00	1.00	0.00
19.10	15.18	2.00	0.00	1.00	0.00	19.12	12.82	2.00	0.00	1.00	0.00
19.14	12.67	2.00	0.00	1.00	0.00	19.16	12.64	2.00	0.00	1.00	0.00
19.18	12.67	2.00	0.00	1.00	0.00	19.20	12.70	2.00	0.00	1.00	0.00
19.22	12.77	2.00	0.00	1.00	0.00	19.24	12.66	2.00	0.00	1.00	0.00
19.26	12.62	2.00	0.00	1.00	0.00	19.28	12.58	2.00	0.00	1.00	0.00
19.30	12.53	2.00	0.00	1.00	0.00	19.32	12.27	2.00	0.00	1.00	0.00
19.34	12.01	2.00	0.00	1.00	0.00	19.36	11.66	2.00	0.00	1.00	0.00
19.38	11.13	2.00	0.00	1.00	0.00	19.40	10.32	2.00	0.00	1.00	0.00
19.42	9.74	2.00	0.00	1.00	0.00	19.44	9.66	2.00	0.00	1.00	0.00
19.46	9.62	2.00	0.00	1.00	0.00	19.48	9.61	2.00	0.00	1.00	0.00
19.50	9.62	2.00	0.00	1.00	0.00	19.52	9.62	2.00	0.00	1.00	0.00
19.54	9.67	2.00	0.00	1.00	0.00	19.56	10.03	2.00	0.00	1.00	0.00
19.58	10.17	2.00	0.00	1.00	0.00	19.60	10.30	2.00	0.00	1.00	0.00
19.62	10.46	2.00	0.00	1.00	0.00	19.64	10.74	2.00	0.00	1.00	0.00
19.66	10.94	2.00	0.00	1.00	0.00	19.68	11.37	2.00	0.00	1.00	0.00
19.70	11.78	2.00	0.00	1.00	0.00	19.72	11.89	2.00	0.00	1.00	0.00
19.74	12.01	2.00	0.00	1.00	0.00	19.76	12.21	2.00	0.00	1.00	0.00
19.78	12.41	2.00	0.00	1.00	0.00	19.80	12.35	2.00	0.00	1.00	0.00
19.82	12.92	2.00	0.00	1.00	0.00	19.84	13.43	2.00	0.00	1.00	0.00
19.86	13.76	2.00	0.00	1.00	0.00	19.88	14.18	2.00	0.00	1.00	0.00
19.90	14.70	2.00	0.00	1.00	0.00	19.92	15.11	2.00	0.00	1.00	0.00

Total estimated settlement: 11.27**Abbreviations**

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

LIQUEFACTION ANALYSIS REPORT

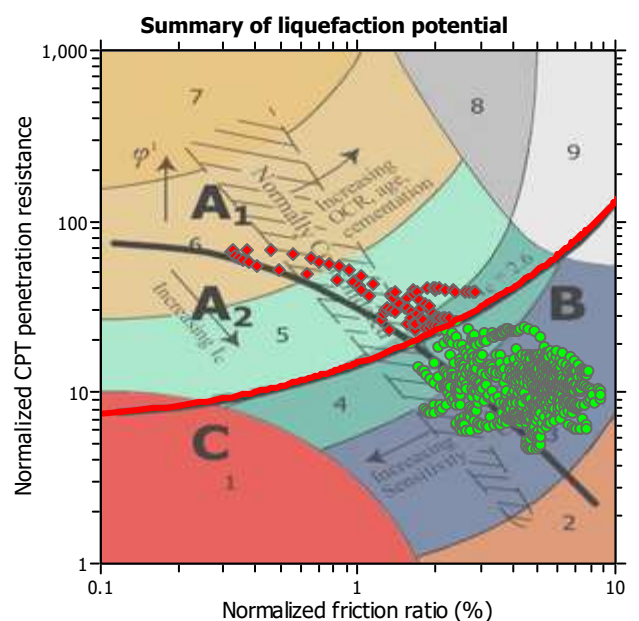
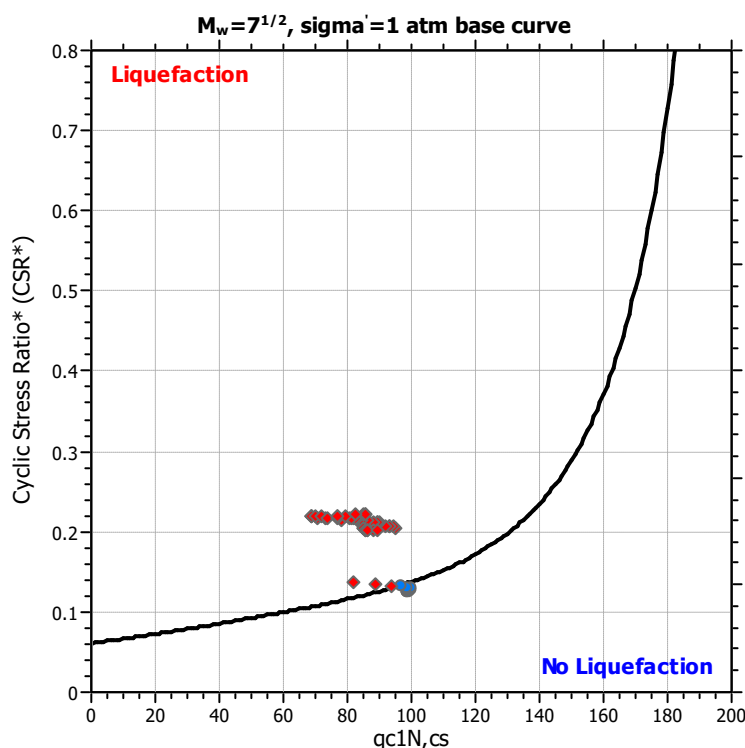
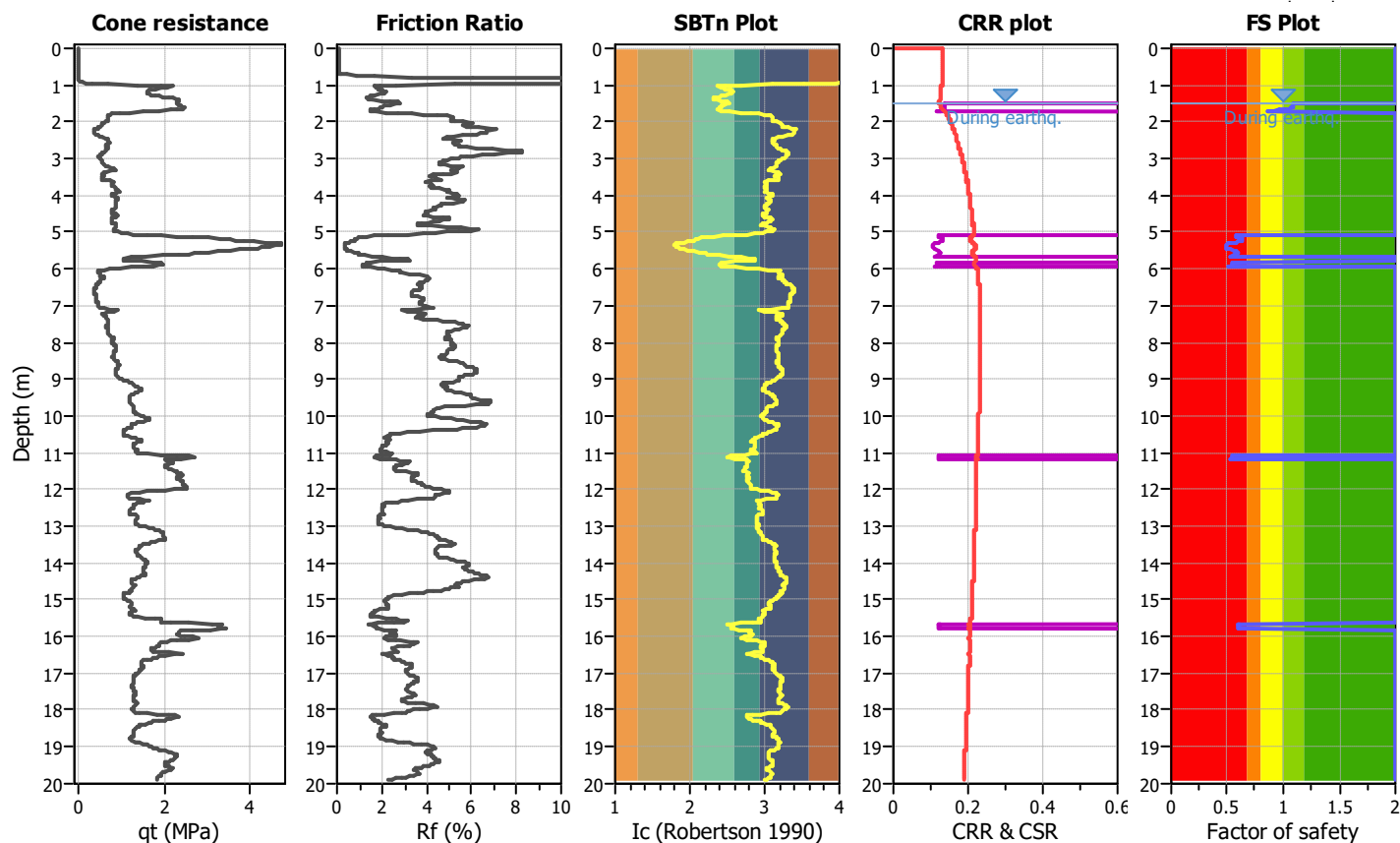
Project title :

Location :

CPT file : Campagnola_Cptu3

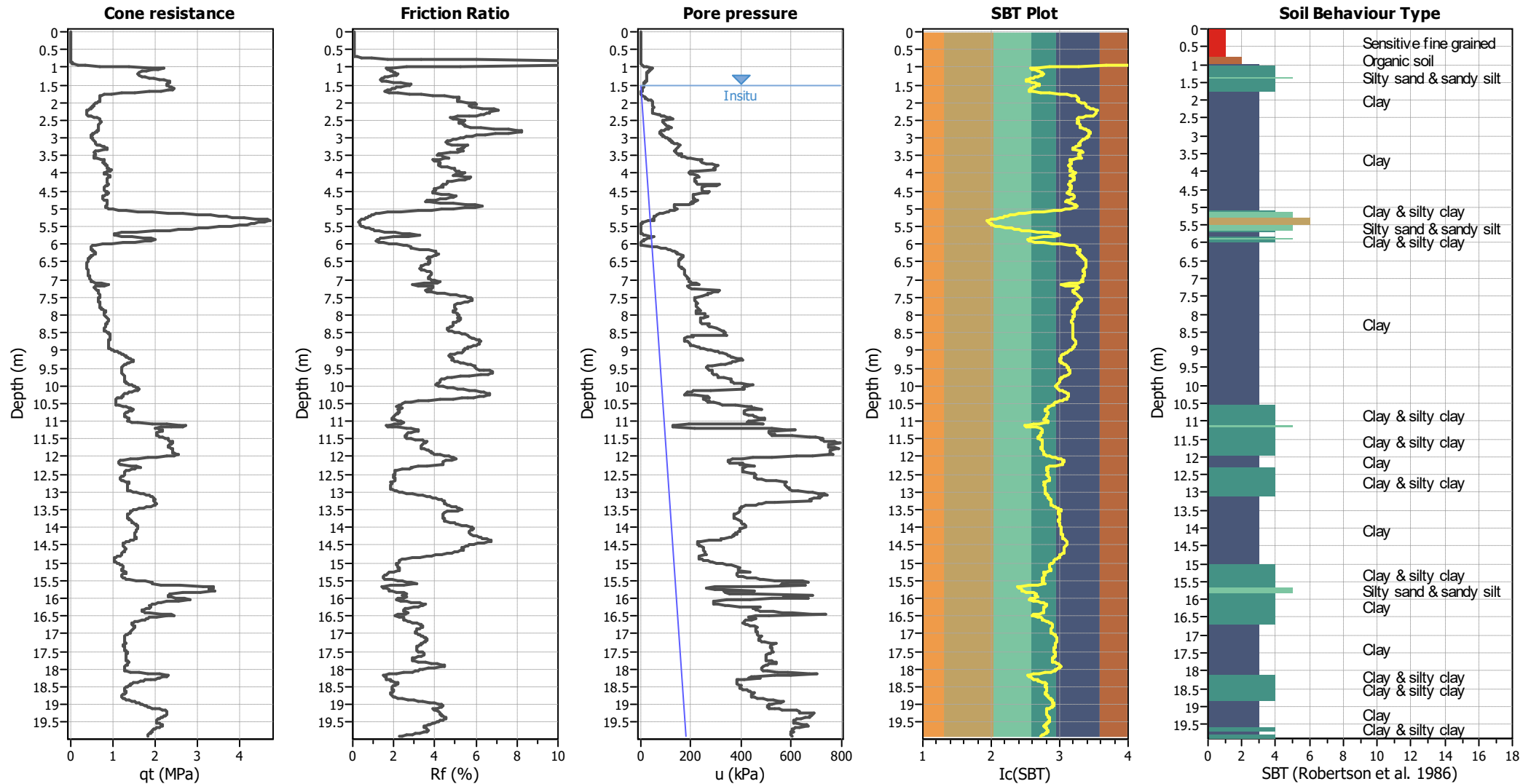
Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	1.50 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	1.50 m	Fill height:	N/A	Limit depth applied:	Yes
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	20.00 m
Earthquake magnitude M_w :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method
Peak ground acceleration:	0.20	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

CPT basic interpretation plots



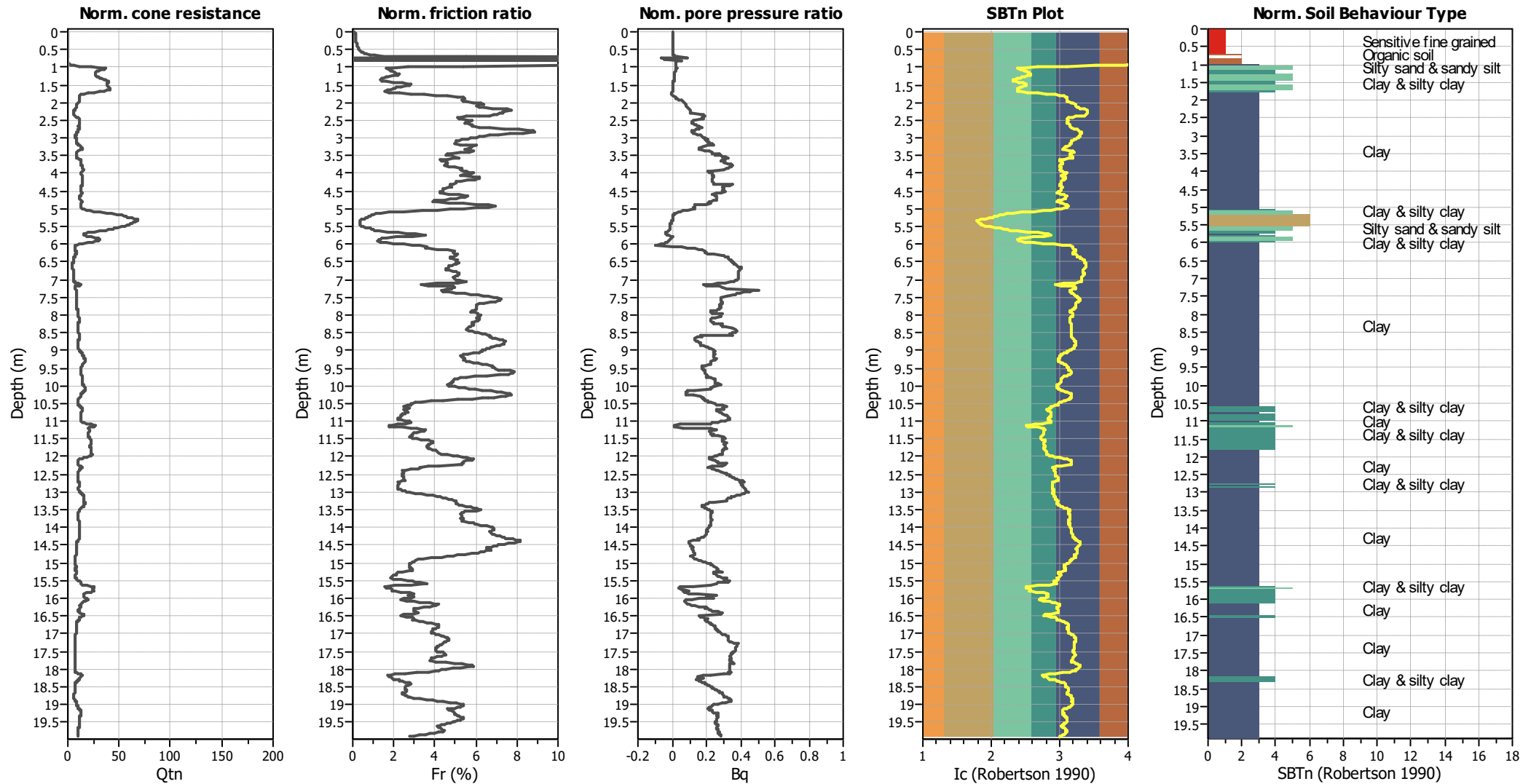
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.50 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on I_c value	I_c cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.50 m	Fill height:	N/A	Limit depth:	20.00 m

SBT legend

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

CPT basic interpretation plots (normalized)



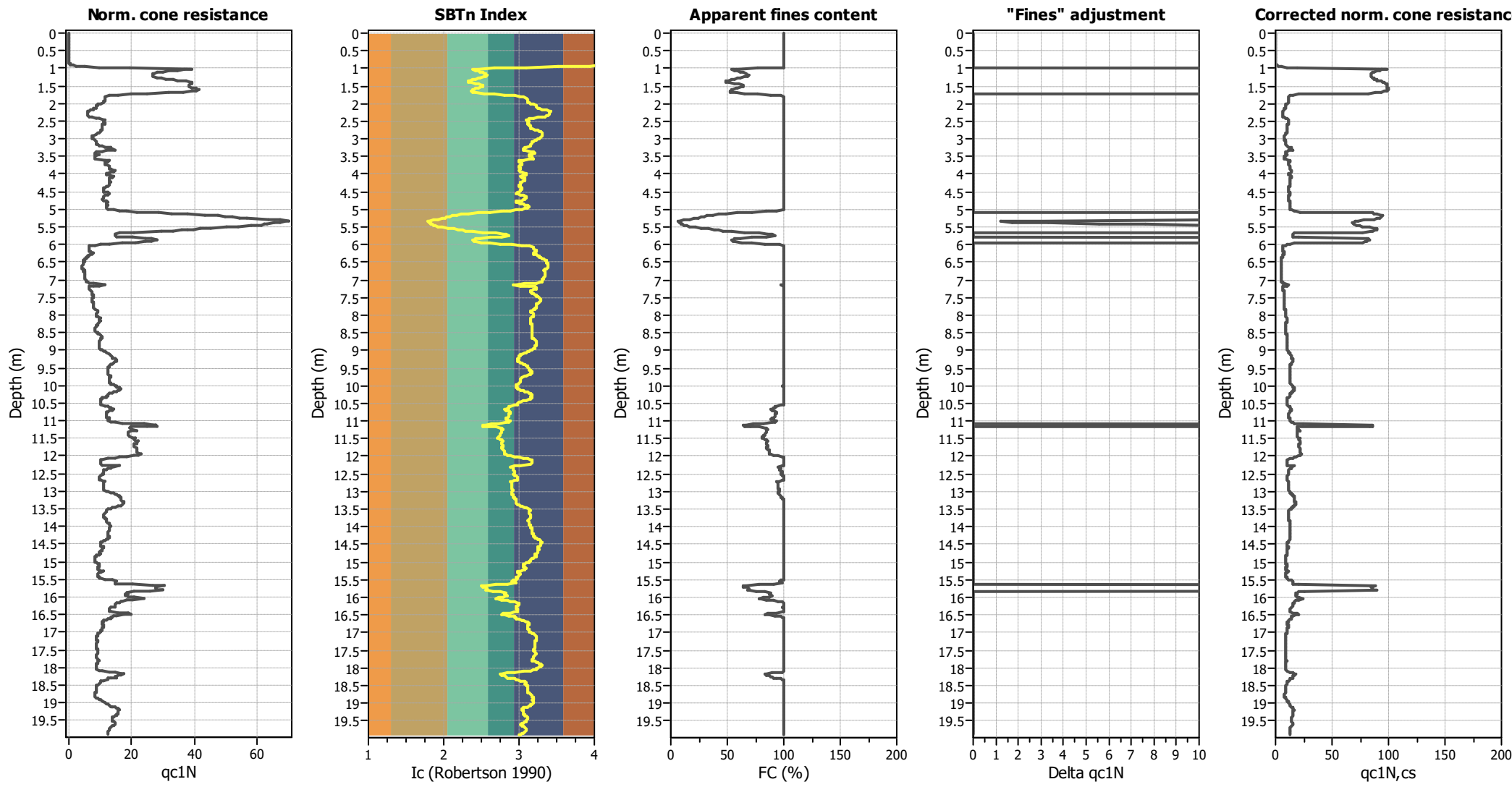
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.50 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _g applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.50 m	Fill height:	N/A	Limit depth:	20.00 m

SBTn legend

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

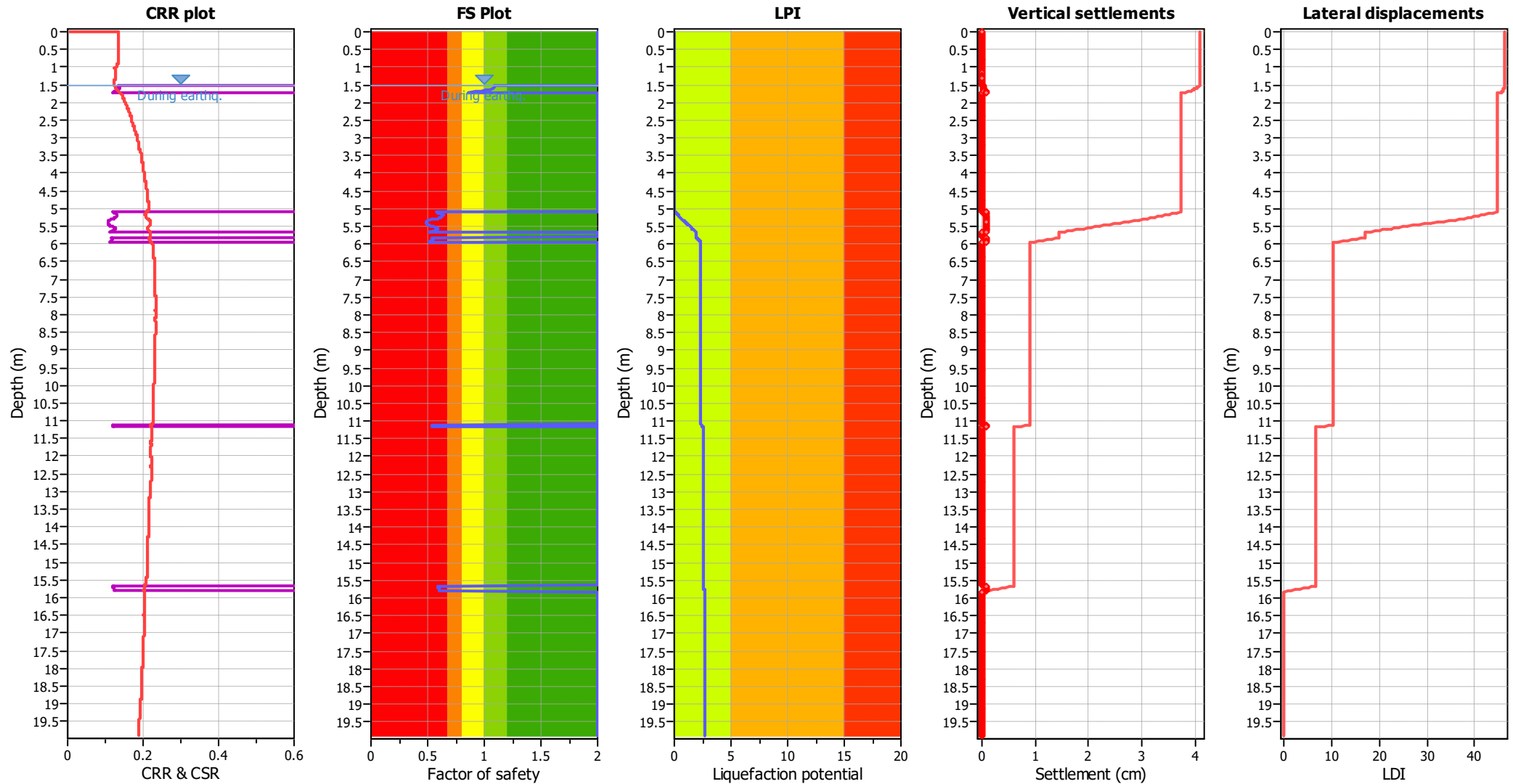
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.50 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _g applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.50 m	Fill height:	N/A	Limit depth:	20.00 m

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (earthq.):	1.50 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _s applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.50 m	Fill height:	N/A	Limit depth:	20.00 m

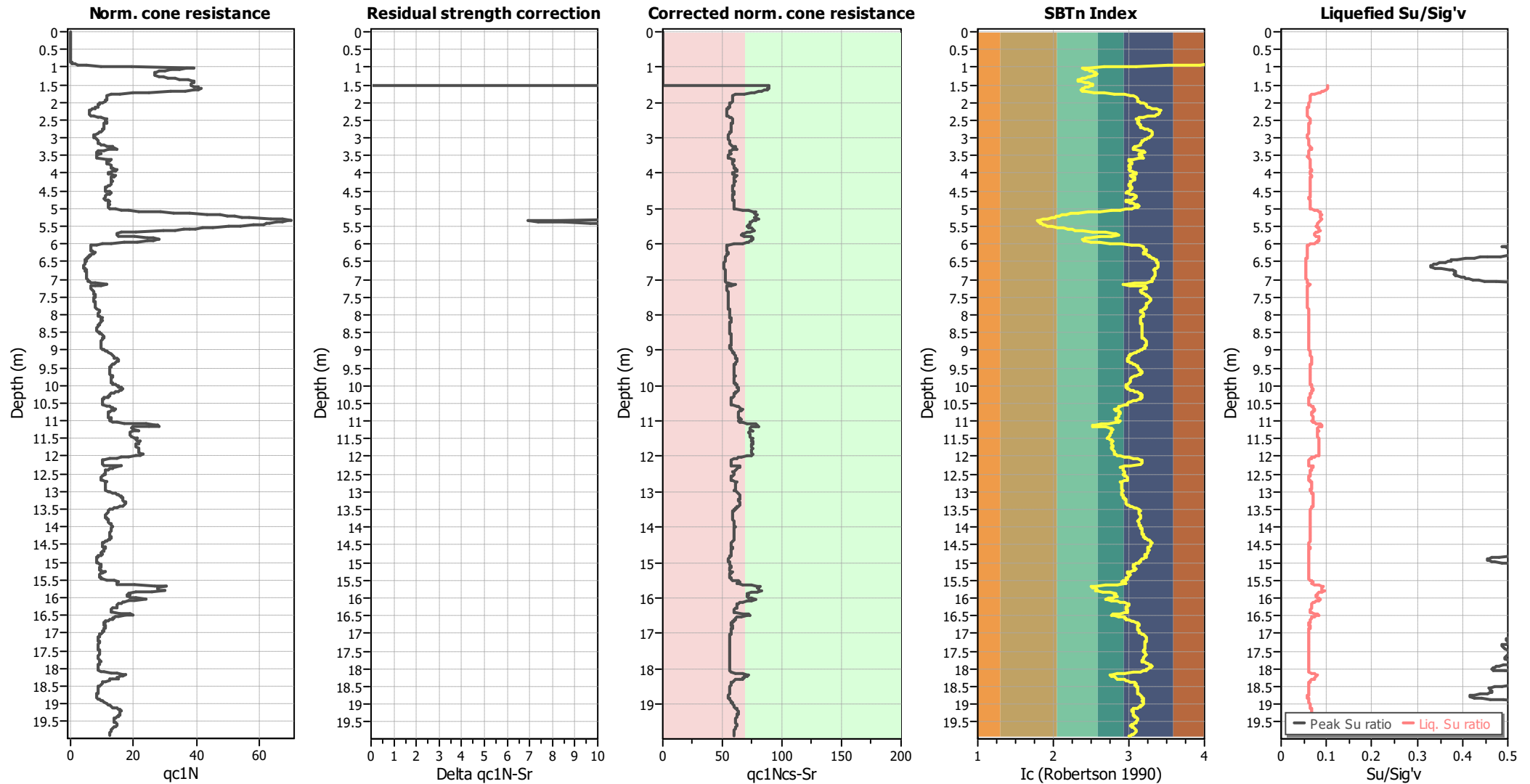
F.S. color scheme

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

LPI color scheme

■	Very high risk
■	High risk
■	Low risk

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



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	1.50 m	Fill weight:	N/A
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	No
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K _σ applied:	Yes
Earthquake magnitude M _w :	6.14	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	0.20	Use fill:	No	Limit depth applied:	Yes
Depth to water table (insitu):	1.50 m	Fill height:	N/A	Limit depth:	20.00 m

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data ::												
Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
2	0.02	0.27	0.00	0.27	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
3	0.04	0.55	0.00	0.55	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
4	0.06	0.82	0.00	0.82	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
5	0.08	1.10	0.00	1.10	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
6	0.10	1.37	0.00	1.37	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
7	0.12	1.65	0.00	1.65	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
8	0.14	1.92	0.00	1.92	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
9	0.16	2.20	0.00	2.20	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
10	0.18	2.47	0.00	2.47	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
11	0.20	2.75	0.00	2.75	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
12	0.22	3.02	0.00	3.02	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
13	0.24	3.30	0.00	3.30	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
14	0.26	3.57	0.00	3.57	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
15	0.28	3.85	0.00	3.85	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
16	0.30	4.12	0.00	4.12	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
17	0.32	4.39	0.00	4.39	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
18	0.34	4.67	0.00	4.67	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
19	0.36	4.94	0.00	4.94	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
20	0.38	5.22	0.00	5.22	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
21	0.40	5.49	0.00	5.49	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
22	0.42	5.77	0.00	5.77	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
23	0.44	6.04	0.00	6.04	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
24	0.46	6.32	0.00	6.32	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
25	0.48	6.59	0.00	6.59	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
26	0.50	6.87	0.00	6.87	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
27	0.52	7.14	0.00	7.14	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
28	0.54	7.42	0.00	7.42	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
29	0.56	7.69	0.00	7.69	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
30	0.58	7.97	0.00	7.97	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
31	0.60	8.24	0.00	8.24	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
32	0.62	8.52	0.00	8.52	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
33	0.64	8.79	0.00	8.79	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
34	0.66	9.06	0.00	9.06	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
35	0.68	9.34	0.00	9.34	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
36	0.70	9.61	0.00	9.61	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
37	0.72	9.89	0.00	9.89	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
38	0.74	10.16	0.00	10.16	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
39	0.76	10.44	0.00	10.44	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
40	0.78	10.71	0.00	10.71	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
41	0.80	10.99	0.00	10.99	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
42	0.82	11.26	0.00	11.26	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
43	0.84	11.54	0.00	11.54	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
44	0.86	11.81	0.00	11.81	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
45	0.88	12.10	0.00	12.10	1.00	0.130	1.43	0.091	1.10	1.20	2.000	No
46	0.90	12.40	0.00	12.40	1.00	0.129	1.43	0.091	1.10	1.20	2.000	No
47	0.92	12.72	0.00	12.72	1.00	0.129	1.43	0.091	1.10	1.20	2.000	No
48	0.94	13.05	0.00	13.05	1.00	0.129	1.43	0.091	1.10	1.20	2.000	No
49	0.96	13.39	0.00	13.39	1.00	0.129	1.43	0.091	1.10	1.20	2.000	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
50	0.98	13.73	0.00	13.73	0.99	0.129	1.43	0.091	1.10	1.20	2.000	No
51	1.00	14.07	0.00	14.07	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
52	1.02	14.42	0.00	14.42	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
53	1.04	14.77	0.00	14.77	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
54	1.06	15.11	0.00	15.11	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
55	1.08	15.46	0.00	15.46	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
56	1.10	15.81	0.00	15.81	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
57	1.12	16.15	0.00	16.15	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
58	1.14	16.49	0.00	16.49	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
59	1.16	16.84	0.00	16.84	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
60	1.18	17.18	0.00	17.18	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
61	1.20	17.53	0.00	17.53	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
62	1.22	17.87	0.00	17.87	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
63	1.24	18.22	0.00	18.22	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
64	1.26	18.56	0.00	18.56	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
65	1.28	18.90	0.00	18.90	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
66	1.30	19.24	0.00	19.24	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
67	1.32	19.58	0.00	19.58	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
68	1.34	19.92	0.00	19.92	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
69	1.36	20.27	0.00	20.27	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
70	1.38	20.61	0.00	20.61	0.99	0.129	1.43	0.090	1.10	1.20	2.000	No
71	1.40	20.96	0.00	20.96	0.99	0.128	1.43	0.090	1.10	1.20	2.000	No
72	1.42	21.32	0.00	21.32	0.99	0.128	1.43	0.090	1.10	1.20	2.000	No
73	1.44	21.68	0.00	21.68	0.99	0.128	1.43	0.090	1.10	1.20	2.000	No
74	1.46	22.04	0.00	22.04	0.99	0.128	1.43	0.090	1.10	1.20	2.000	No
75	1.48	22.40	0.00	22.40	0.99	0.128	1.43	0.090	1.10	1.20	2.000	No
76	1.50	22.76	0.00	22.76	0.99	0.128	1.43	0.090	1.10	1.20	2.000	No
77	1.52	23.12	0.20	22.92	0.99	0.129	1.43	0.091	1.10	1.20	0.124	No
78	1.54	23.48	0.39	23.09	0.99	0.130	1.43	0.091	1.10	1.20	0.125	No
79	1.56	23.84	0.59	23.25	0.99	0.131	1.43	0.092	1.10	1.20	0.126	No
80	1.58	24.19	0.78	23.41	0.99	0.132	1.43	0.093	1.10	1.20	0.127	No
81	1.60	24.55	0.98	23.57	0.99	0.133	1.43	0.093	1.10	1.20	0.128	No
82	1.62	24.90	1.18	23.73	0.99	0.134	1.43	0.094	1.10	1.20	0.129	No
83	1.64	25.26	1.37	23.88	0.98	0.135	1.43	0.095	1.10	1.20	0.130	No
84	1.66	25.61	1.57	24.04	0.98	0.136	1.43	0.095	1.10	1.20	0.131	No
85	1.68	25.95	1.77	24.19	0.98	0.137	1.43	0.096	1.10	1.20	0.133	No
86	1.70	26.29	1.96	24.33	0.98	0.138	1.43	0.097	1.10	1.20	0.135	No
87	1.72	26.63	2.16	24.48	0.98	0.139	1.43	0.097	1.10	1.20	0.138	No
88	1.74	26.97	2.35	24.62	0.98	0.140	1.43	0.098	1.10	1.20	0.140	No
89	1.76	27.31	2.55	24.75	0.98	0.141	1.43	0.099	1.10	1.20	0.142	No
90	1.78	27.64	2.75	24.89	0.98	0.142	1.43	0.099	1.10	1.20	0.143	No
91	1.80	27.97	2.94	25.03	0.98	0.143	1.43	0.100	1.10	1.20	0.144	No
92	1.82	28.31	3.14	25.17	0.98	0.144	1.43	0.100	1.10	1.20	0.145	No
93	1.84	28.65	3.34	25.31	0.98	0.144	1.43	0.101	1.10	1.20	0.146	No
94	1.86	28.99	3.53	25.46	0.98	0.145	1.43	0.102	1.10	1.20	0.147	No
95	1.88	29.33	3.73	25.60	0.98	0.146	1.43	0.102	1.10	1.20	0.148	No
96	1.90	29.67	3.92	25.74	0.98	0.147	1.43	0.103	1.10	1.20	0.149	No
97	1.92	30.01	4.12	25.89	0.98	0.148	1.43	0.103	1.10	1.20	0.149	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)												
Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
98	1.94	30.34	4.32	26.03	0.98	0.149	1.43	0.104	1.10	1.20	0.150	No
99	1.96	30.68	4.51	26.17	0.98	0.149	1.43	0.105	1.10	1.20	0.151	No
100	1.98	31.02	4.71	26.31	0.98	0.150	1.43	0.105	1.10	1.20	0.152	No
101	2.00	31.36	4.91	26.46	0.98	0.151	1.43	0.106	1.10	1.20	0.153	No
102	2.02	31.70	5.10	26.60	0.98	0.152	1.43	0.106	1.10	1.20	0.154	No
103	2.04	32.03	5.30	26.74	0.98	0.152	1.43	0.107	1.10	1.20	0.155	No
104	2.06	32.37	5.49	26.88	0.98	0.153	1.43	0.107	1.10	1.20	0.155	No
105	2.08	32.70	5.69	27.01	0.98	0.154	1.43	0.108	1.10	1.20	0.156	No
106	2.10	33.04	5.89	27.15	0.98	0.155	1.43	0.108	1.10	1.20	0.157	No
107	2.12	33.37	6.08	27.29	0.98	0.155	1.43	0.109	1.10	1.20	0.158	No
108	2.14	33.70	6.28	27.43	0.98	0.156	1.43	0.109	1.10	1.20	0.159	No
109	2.16	34.04	6.47	27.56	0.98	0.157	1.43	0.110	1.10	1.20	0.159	No
110	2.18	34.37	6.67	27.70	0.98	0.157	1.43	0.110	1.10	1.20	0.160	No
111	2.20	34.70	6.87	27.83	0.98	0.158	1.43	0.111	1.10	1.20	0.161	No
112	2.22	35.03	7.06	27.97	0.98	0.159	1.43	0.111	1.10	1.20	0.162	No
113	2.24	35.36	7.26	28.10	0.97	0.159	1.43	0.112	1.10	1.20	0.163	No
114	2.26	35.68	7.46	28.23	0.97	0.160	1.43	0.112	1.10	1.20	0.163	No
115	2.28	36.01	7.65	28.36	0.97	0.161	1.43	0.113	1.10	1.20	0.164	No
116	2.30	36.34	7.85	28.49	0.97	0.161	1.43	0.113	1.10	1.20	0.165	No
117	2.32	36.67	8.04	28.62	0.97	0.162	1.43	0.113	1.10	1.20	0.165	No
118	2.34	36.99	8.24	28.75	0.97	0.163	1.43	0.114	1.10	1.20	0.166	No
119	2.36	37.32	8.44	28.88	0.97	0.163	1.43	0.114	1.10	1.20	0.167	No
120	2.38	37.65	8.63	29.01	0.97	0.164	1.43	0.115	1.10	1.20	0.167	No
121	2.40	37.98	8.83	29.15	0.97	0.165	1.43	0.115	1.10	1.20	0.168	No
122	2.42	38.31	9.03	29.28	0.97	0.165	1.43	0.116	1.10	1.20	0.168	No
123	2.44	38.64	9.22	29.42	0.97	0.166	1.43	0.116	1.10	1.20	0.168	No
124	2.46	38.98	9.42	29.56	0.97	0.166	1.43	0.117	1.10	1.20	0.168	No
125	2.48	39.32	9.61	29.70	0.97	0.167	1.43	0.117	1.10	1.20	0.169	No
126	2.50	39.66	9.81	29.85	0.97	0.168	1.43	0.117	1.10	1.20	0.170	No
127	2.52	40.00	10.01	29.99	0.97	0.168	1.43	0.118	1.10	1.20	0.170	No
128	2.54	40.34	10.20	30.14	0.97	0.169	1.43	0.118	1.10	1.20	0.171	No
129	2.56	40.68	10.40	30.28	0.97	0.169	1.43	0.118	1.10	1.20	0.171	No
130	2.58	41.02	10.59	30.43	0.97	0.170	1.43	0.119	1.10	1.20	0.172	No
131	2.60	41.36	10.79	30.57	0.97	0.170	1.43	0.119	1.10	1.20	0.173	No
132	2.62	41.70	10.99	30.71	0.97	0.171	1.43	0.120	1.10	1.20	0.173	No
133	2.64	42.04	11.18	30.86	0.97	0.171	1.43	0.120	1.10	1.20	0.174	No
134	2.66	42.38	11.38	31.00	0.97	0.172	1.43	0.120	1.10	1.20	0.175	No
135	2.68	42.72	11.58	31.14	0.97	0.172	1.43	0.121	1.10	1.20	0.175	No
136	2.70	43.06	11.77	31.29	0.97	0.173	1.43	0.121	1.10	1.20	0.176	No
137	2.72	43.40	11.97	31.43	0.97	0.173	1.43	0.121	1.10	1.20	0.176	No
138	2.74	43.75	12.16	31.58	0.97	0.174	1.43	0.122	1.10	1.20	0.177	No
139	2.76	44.09	12.36	31.73	0.97	0.174	1.43	0.122	1.10	1.20	0.177	No
140	2.78	44.44	12.56	31.88	0.97	0.175	1.43	0.122	1.10	1.20	0.178	No
141	2.80	44.79	12.75	32.04	0.97	0.175	1.43	0.123	1.09	1.20	0.179	No
142	2.82	45.14	12.95	32.19	0.96	0.176	1.43	0.123	1.09	1.20	0.179	No
143	2.84	45.48	13.15	32.33	0.96	0.176	1.43	0.123	1.09	1.20	0.180	No
144	2.86	45.82	13.34	32.48	0.96	0.177	1.43	0.124	1.09	1.20	0.181	No
145	2.88	46.16	13.54	32.62	0.96	0.177	1.43	0.124	1.09	1.20	0.181	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
146	2.90	46.49	13.73	32.76	0.96	0.178	1.43	0.124	1.09	1.20	0.182	No
147	2.92	46.83	13.93	32.90	0.96	0.178	1.43	0.125	1.09	1.20	0.183	No
148	2.94	47.16	14.13	33.03	0.96	0.179	1.43	0.125	1.09	1.20	0.183	No
149	2.96	47.49	14.32	33.17	0.96	0.179	1.43	0.125	1.09	1.20	0.184	No
150	2.98	47.82	14.52	33.30	0.96	0.180	1.43	0.126	1.09	1.20	0.185	No
151	3.00	48.15	14.71	33.43	0.96	0.180	1.43	0.126	1.09	1.20	0.185	No
152	3.02	48.48	14.91	33.57	0.96	0.180	1.43	0.126	1.09	1.20	0.185	No
153	3.04	48.81	15.11	33.70	0.96	0.181	1.43	0.127	1.09	1.20	0.186	No
154	3.06	49.14	15.30	33.84	0.96	0.181	1.43	0.127	1.09	1.20	0.186	No
155	3.08	49.47	15.50	33.97	0.96	0.182	1.43	0.127	1.09	1.20	0.186	No
156	3.10	49.80	15.70	34.10	0.96	0.182	1.43	0.128	1.09	1.20	0.187	No
157	3.12	50.13	15.89	34.24	0.96	0.183	1.43	0.128	1.09	1.20	0.187	No
158	3.14	50.46	16.09	34.38	0.96	0.183	1.43	0.128	1.09	1.20	0.188	No
159	3.16	50.80	16.28	34.51	0.96	0.183	1.43	0.128	1.09	1.20	0.188	No
160	3.18	51.13	16.48	34.65	0.96	0.184	1.43	0.129	1.09	1.20	0.189	No
161	3.20	51.47	16.68	34.79	0.96	0.184	1.43	0.129	1.09	1.20	0.189	No
162	3.22	51.81	16.87	34.94	0.96	0.185	1.43	0.129	1.09	1.20	0.189	No
163	3.24	52.15	17.07	35.08	0.96	0.185	1.43	0.129	1.09	1.20	0.189	No
164	3.26	52.50	17.27	35.23	0.96	0.185	1.43	0.130	1.09	1.20	0.188	No
165	3.28	52.84	17.46	35.38	0.96	0.186	1.43	0.130	1.09	1.20	0.189	No
166	3.30	53.19	17.66	35.53	0.96	0.186	1.43	0.130	1.09	1.20	0.189	No
167	3.32	53.54	17.85	35.68	0.96	0.186	1.43	0.130	1.09	1.20	0.189	No
168	3.34	53.88	18.05	35.83	0.96	0.187	1.43	0.131	1.09	1.20	0.191	No
169	3.36	54.22	18.25	35.97	0.95	0.187	1.43	0.131	1.09	1.20	0.192	No
170	3.38	54.55	18.44	36.11	0.95	0.187	1.43	0.131	1.08	1.20	0.193	No
171	3.40	54.89	18.64	36.25	0.95	0.188	1.43	0.131	1.08	1.20	0.194	No
172	3.42	55.22	18.84	36.38	0.95	0.188	1.43	0.132	1.08	1.20	0.194	No
173	3.44	55.55	19.03	36.52	0.95	0.189	1.43	0.132	1.08	1.20	0.195	No
174	3.46	55.88	19.23	36.65	0.95	0.189	1.43	0.132	1.08	1.20	0.195	No
175	3.48	56.21	19.42	36.78	0.95	0.189	1.43	0.132	1.08	1.20	0.196	No
176	3.50	56.53	19.62	36.91	0.95	0.190	1.43	0.133	1.08	1.20	0.196	No
177	3.52	56.86	19.82	37.05	0.95	0.190	1.43	0.133	1.08	1.20	0.196	No
178	3.54	57.19	20.01	37.18	0.95	0.190	1.43	0.133	1.08	1.20	0.197	No
179	3.56	57.52	20.21	37.31	0.95	0.191	1.43	0.133	1.08	1.20	0.197	No
180	3.58	57.85	20.40	37.45	0.95	0.191	1.43	0.134	1.08	1.20	0.198	No
181	3.60	58.19	20.60	37.59	0.95	0.191	1.43	0.134	1.08	1.20	0.197	No
182	3.62	58.53	20.80	37.73	0.95	0.192	1.43	0.134	1.08	1.20	0.196	No
183	3.64	58.87	20.99	37.87	0.95	0.192	1.43	0.134	1.08	1.20	0.197	No
184	3.66	59.20	21.19	38.02	0.95	0.192	1.43	0.135	1.08	1.20	0.198	No
185	3.68	59.54	21.39	38.16	0.95	0.192	1.43	0.135	1.08	1.20	0.198	No
186	3.70	59.88	21.58	38.30	0.95	0.193	1.43	0.135	1.08	1.20	0.198	No
187	3.72	60.22	21.78	38.44	0.95	0.193	1.43	0.135	1.08	1.20	0.199	No
188	3.74	60.56	21.97	38.59	0.95	0.193	1.43	0.135	1.08	1.20	0.199	No
189	3.76	60.90	22.17	38.73	0.95	0.194	1.43	0.136	1.08	1.20	0.199	No
190	3.78	61.24	22.37	38.88	0.95	0.194	1.43	0.136	1.08	1.20	0.199	No
191	3.80	61.58	22.56	39.02	0.95	0.194	1.43	0.136	1.08	1.20	0.200	No
192	3.82	61.93	22.76	39.17	0.95	0.194	1.43	0.136	1.08	1.20	0.200	No
193	3.84	62.27	22.96	39.32	0.95	0.195	1.43	0.136	1.08	1.20	0.200	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
194	3.86	62.62	23.15	39.47	0.95	0.195	1.43	0.136	1.08	1.20	0.200	No
195	3.88	62.97	23.35	39.62	0.94	0.195	1.43	0.137	1.08	1.20	0.200	No
196	3.90	63.32	23.54	39.77	0.94	0.195	1.43	0.137	1.08	1.20	0.200	No
197	3.92	63.66	23.74	39.92	0.94	0.196	1.43	0.137	1.08	1.20	0.201	No
198	3.94	64.01	23.94	40.07	0.94	0.196	1.43	0.137	1.08	1.20	0.201	No
199	3.96	64.36	24.13	40.22	0.94	0.196	1.43	0.137	1.08	1.20	0.202	No
200	3.98	64.70	24.33	40.37	0.94	0.196	1.43	0.138	1.08	1.20	0.203	No
201	4.00	65.04	24.52	40.52	0.94	0.197	1.43	0.138	1.08	1.20	0.203	No
202	4.02	65.39	24.72	40.67	0.94	0.197	1.43	0.138	1.08	1.20	0.203	No
203	4.04	65.73	24.92	40.82	0.94	0.197	1.43	0.138	1.08	1.20	0.203	No
204	4.06	66.08	25.11	40.97	0.94	0.197	1.43	0.138	1.08	1.20	0.203	No
205	4.08	66.43	25.31	41.12	0.94	0.198	1.43	0.138	1.08	1.20	0.203	No
206	4.10	66.78	25.51	41.27	0.94	0.198	1.43	0.138	1.08	1.20	0.204	No
207	4.12	67.13	25.70	41.42	0.94	0.198	1.43	0.139	1.08	1.20	0.204	No
208	4.14	67.48	25.90	41.58	0.94	0.198	1.43	0.139	1.08	1.20	0.205	No
209	4.16	67.82	26.09	41.73	0.94	0.198	1.43	0.139	1.08	1.20	0.205	No
210	4.18	68.17	26.29	41.88	0.94	0.199	1.43	0.139	1.07	1.20	0.205	No
211	4.20	68.52	26.49	42.03	0.94	0.199	1.43	0.139	1.07	1.20	0.205	No
212	4.22	68.86	26.68	42.18	0.94	0.199	1.43	0.139	1.07	1.20	0.206	No
213	4.24	69.21	26.88	42.33	0.94	0.199	1.43	0.140	1.07	1.20	0.206	No
214	4.26	69.55	27.08	42.48	0.94	0.200	1.43	0.140	1.07	1.20	0.206	No
215	4.28	69.90	27.27	42.62	0.94	0.200	1.43	0.140	1.07	1.20	0.207	No
216	4.30	70.24	27.47	42.77	0.94	0.200	1.43	0.140	1.07	1.20	0.207	No
217	4.32	70.58	27.66	42.92	0.94	0.200	1.43	0.140	1.07	1.20	0.207	No
218	4.34	70.92	27.86	43.06	0.94	0.200	1.43	0.140	1.07	1.20	0.208	No
219	4.36	71.27	28.06	43.21	0.94	0.201	1.43	0.140	1.07	1.20	0.208	No
220	4.38	71.61	28.25	43.35	0.93	0.201	1.43	0.141	1.07	1.20	0.209	No
221	4.40	71.95	28.45	43.50	0.93	0.201	1.43	0.141	1.07	1.20	0.209	No
222	4.42	72.28	28.65	43.64	0.93	0.201	1.43	0.141	1.07	1.20	0.209	No
223	4.44	72.62	28.84	43.78	0.93	0.201	1.43	0.141	1.07	1.20	0.209	No
224	4.46	72.96	29.04	43.92	0.93	0.202	1.43	0.141	1.07	1.20	0.210	No
225	4.48	73.30	29.23	44.06	0.93	0.202	1.43	0.141	1.07	1.20	0.210	No
226	4.50	73.63	29.43	44.20	0.93	0.202	1.43	0.141	1.07	1.20	0.210	No
227	4.52	73.97	29.63	44.35	0.93	0.202	1.43	0.141	1.07	1.20	0.210	No
228	4.54	74.31	29.82	44.49	0.93	0.202	1.43	0.142	1.07	1.20	0.210	No
229	4.56	74.66	30.02	44.64	0.93	0.202	1.43	0.142	1.07	1.20	0.210	No
230	4.58	75.00	30.21	44.78	0.93	0.203	1.43	0.142	1.07	1.20	0.211	No
231	4.60	75.34	30.41	44.93	0.93	0.203	1.43	0.142	1.07	1.20	0.211	No
232	4.62	75.68	30.61	45.08	0.93	0.203	1.43	0.142	1.07	1.20	0.212	No
233	4.64	76.02	30.80	45.22	0.93	0.203	1.43	0.142	1.07	1.20	0.212	No
234	4.66	76.37	31.00	45.37	0.93	0.203	1.43	0.142	1.07	1.20	0.212	No
235	4.68	76.71	31.20	45.51	0.93	0.204	1.43	0.142	1.07	1.20	0.213	No
236	4.70	77.05	31.39	45.65	0.93	0.204	1.43	0.143	1.07	1.20	0.213	No
237	4.72	77.38	31.59	45.80	0.93	0.204	1.43	0.143	1.07	1.20	0.213	No
238	4.74	77.72	31.78	45.94	0.93	0.204	1.43	0.143	1.07	1.20	0.213	No
239	4.76	78.06	31.98	46.08	0.93	0.204	1.43	0.143	1.07	1.20	0.213	No
240	4.78	78.40	32.18	46.22	0.93	0.204	1.43	0.143	1.07	1.20	0.213	No
241	4.80	78.73	32.37	46.36	0.93	0.205	1.43	0.143	1.07	1.20	0.213	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
242	4.82	79.07	32.57	46.50	0.93	0.205	1.43	0.143	1.07	1.20	0.214	No
243	4.84	79.42	32.77	46.65	0.93	0.205	1.43	0.143	1.07	1.20	0.214	No
244	4.86	79.76	32.96	46.80	0.93	0.205	1.43	0.143	1.06	1.20	0.214	No
245	4.88	80.11	33.16	46.95	0.92	0.205	1.43	0.144	1.06	1.20	0.214	No
246	4.90	80.46	33.35	47.10	0.92	0.205	1.43	0.144	1.06	1.20	0.214	No
247	4.92	80.81	33.55	47.26	0.92	0.205	1.43	0.144	1.06	1.20	0.215	No
248	4.94	81.16	33.75	47.41	0.92	0.206	1.43	0.144	1.06	1.20	0.215	No
249	4.96	81.50	33.94	47.56	0.92	0.206	1.43	0.144	1.06	1.20	0.215	No
250	4.98	81.85	34.14	47.71	0.92	0.206	1.43	0.144	1.06	1.20	0.215	No
251	5.00	82.20	34.34	47.86	0.92	0.206	1.43	0.144	1.06	1.20	0.215	No
252	5.02	82.54	34.53	48.01	0.92	0.206	1.43	0.144	1.06	1.20	0.214	No
253	5.04	82.89	34.73	48.17	0.92	0.206	1.43	0.144	1.06	1.20	0.214	No
254	5.06	83.24	34.92	48.32	0.92	0.206	1.43	0.144	1.07	1.20	0.213	No
255	5.08	83.59	35.12	48.47	0.92	0.206	1.43	0.144	1.07	1.20	0.212	No
256	5.10	83.93	35.32	48.62	0.92	0.207	1.43	0.145	1.07	1.20	0.210	No
257	5.12	84.28	35.51	48.76	0.92	0.207	1.43	0.145	1.07	1.20	0.209	No
258	5.14	84.62	35.71	48.91	0.92	0.207	1.43	0.145	1.07	1.20	0.208	No
259	5.16	84.97	35.90	49.06	0.92	0.207	1.43	0.145	1.07	1.20	0.206	No
260	5.18	85.31	36.10	49.21	0.92	0.207	1.43	0.145	1.07	1.20	0.205	No
261	5.20	85.66	36.30	49.36	0.92	0.207	1.43	0.145	1.07	1.20	0.206	No
262	5.22	86.01	36.49	49.51	0.92	0.207	1.43	0.145	1.07	1.20	0.206	No
263	5.24	86.35	36.69	49.66	0.92	0.207	1.43	0.145	1.07	1.20	0.207	No
264	5.26	86.70	36.89	49.81	0.92	0.207	1.43	0.145	1.07	1.20	0.209	No
265	5.28	87.04	37.08	49.96	0.92	0.208	1.43	0.145	1.07	1.20	0.210	No
266	5.30	87.38	37.28	50.11	0.92	0.208	1.43	0.145	1.06	1.20	0.215	No
267	5.32	87.72	37.47	50.25	0.92	0.208	1.43	0.145	1.06	1.20	0.217	No
268	5.34	88.05	37.67	50.38	0.92	0.208	1.43	0.146	1.06	1.20	0.218	No
269	5.36	88.39	37.87	50.52	0.91	0.208	1.43	0.146	1.06	1.20	0.219	No
270	5.38	88.72	38.06	50.66	0.91	0.208	1.43	0.146	1.06	1.20	0.219	No
271	5.40	89.05	38.26	50.79	0.91	0.208	1.43	0.146	1.06	1.20	0.219	No
272	5.42	89.38	38.46	50.93	0.91	0.208	1.43	0.146	1.06	1.20	0.219	No
273	5.44	89.71	38.65	51.06	0.91	0.209	1.43	0.146	1.06	1.20	0.218	No
274	5.46	90.05	38.85	51.20	0.91	0.209	1.43	0.146	1.06	1.20	0.218	No
275	5.48	90.38	39.04	51.34	0.91	0.209	1.43	0.146	1.06	1.20	0.217	No
276	5.50	90.71	39.24	51.47	0.91	0.209	1.43	0.146	1.06	1.20	0.214	No
277	5.52	91.05	39.44	51.61	0.91	0.209	1.43	0.146	1.06	1.20	0.213	No
278	5.54	91.39	39.63	51.76	0.91	0.209	1.43	0.146	1.07	1.20	0.211	No
279	5.56	91.74	39.83	51.91	0.91	0.209	1.43	0.146	1.07	1.20	0.211	No
280	5.58	92.08	40.02	52.05	0.91	0.209	1.43	0.146	1.07	1.20	0.212	No
281	5.60	92.42	40.22	52.20	0.91	0.209	1.43	0.147	1.06	1.20	0.213	No
282	5.62	92.76	40.42	52.34	0.91	0.209	1.43	0.147	1.06	1.20	0.214	No
283	5.64	93.10	40.61	52.48	0.91	0.210	1.43	0.147	1.06	1.20	0.214	No
284	5.66	93.43	40.81	52.63	0.91	0.210	1.43	0.147	1.06	1.20	0.218	No
285	5.68	93.77	41.01	52.76	0.91	0.210	1.43	0.147	1.06	1.20	0.220	No
286	5.70	94.11	41.20	52.90	0.91	0.210	1.43	0.147	1.06	1.20	0.220	No
287	5.72	94.44	41.40	53.05	0.91	0.210	1.43	0.147	1.06	1.20	0.220	No
288	5.74	94.78	41.59	53.19	0.91	0.210	1.43	0.147	1.06	1.20	0.220	No
289	5.76	95.13	41.79	53.34	0.91	0.210	1.43	0.147	1.06	1.20	0.220	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
290	5.78	95.47	41.99	53.48	0.91	0.210	1.43	0.147	1.05	1.20	0.221	No
291	5.80	95.81	42.18	53.62	0.91	0.210	1.43	0.147	1.06	1.20	0.219	No
292	5.82	96.15	42.38	53.77	0.90	0.210	1.43	0.147	1.06	1.20	0.218	No
293	5.84	96.49	42.58	53.91	0.90	0.210	1.43	0.147	1.06	1.20	0.217	No
294	5.86	96.82	42.77	54.05	0.90	0.210	1.43	0.147	1.06	1.20	0.217	No
295	5.88	97.16	42.97	54.19	0.90	0.211	1.43	0.147	1.06	1.20	0.217	No
296	5.90	97.50	43.16	54.33	0.90	0.211	1.43	0.147	1.06	1.20	0.218	No
297	5.92	97.83	43.36	54.47	0.90	0.211	1.43	0.147	1.06	1.20	0.219	No
298	5.94	98.16	43.56	54.61	0.90	0.211	1.43	0.148	1.05	1.20	0.220	No
299	5.96	98.49	43.75	54.74	0.90	0.211	1.43	0.148	1.05	1.20	0.222	No
300	5.98	98.82	43.95	54.87	0.90	0.211	1.43	0.148	1.05	1.20	0.223	No
301	6.00	99.14	44.15	54.99	0.90	0.211	1.43	0.148	1.05	1.20	0.224	No
302	6.02	99.46	44.34	55.11	0.90	0.211	1.43	0.148	1.05	1.20	0.225	No
303	6.04	99.77	44.54	55.23	0.90	0.211	1.43	0.148	1.05	1.20	0.226	No
304	6.06	100.08	44.73	55.35	0.90	0.211	1.43	0.148	1.05	1.20	0.226	No
305	6.08	100.40	44.93	55.47	0.90	0.212	1.43	0.148	1.05	1.20	0.226	No
306	6.10	100.71	45.13	55.59	0.90	0.212	1.43	0.148	1.05	1.20	0.226	No
307	6.12	101.03	45.32	55.71	0.90	0.212	1.43	0.148	1.05	1.20	0.227	No
308	6.14	101.35	45.52	55.83	0.90	0.212	1.43	0.148	1.05	1.20	0.227	No
309	6.16	101.67	45.71	55.96	0.90	0.212	1.43	0.148	1.05	1.20	0.227	No
310	6.18	102.00	45.91	56.09	0.90	0.212	1.43	0.148	1.05	1.20	0.227	No
311	6.20	102.32	46.11	56.22	0.90	0.212	1.43	0.148	1.05	1.20	0.227	No
312	6.22	102.65	46.30	56.35	0.90	0.212	1.43	0.149	1.05	1.20	0.227	No
313	6.24	102.98	46.50	56.48	0.90	0.212	1.43	0.149	1.05	1.20	0.227	No
314	6.26	103.31	46.70	56.61	0.89	0.212	1.43	0.149	1.05	1.20	0.227	No
315	6.28	103.64	46.89	56.74	0.89	0.212	1.43	0.149	1.05	1.20	0.227	No
316	6.30	103.96	47.09	56.87	0.89	0.212	1.43	0.149	1.05	1.20	0.228	No
317	6.32	104.29	47.28	57.00	0.89	0.213	1.43	0.149	1.05	1.20	0.228	No
318	6.34	104.61	47.48	57.13	0.89	0.213	1.43	0.149	1.05	1.20	0.228	No
319	6.36	104.93	47.68	57.25	0.89	0.213	1.43	0.149	1.04	1.20	0.228	No
320	6.38	105.25	47.87	57.37	0.89	0.213	1.43	0.149	1.04	1.20	0.229	No
321	6.40	105.56	48.07	57.49	0.89	0.213	1.43	0.149	1.04	1.20	0.229	No
322	6.42	105.88	48.27	57.62	0.89	0.213	1.43	0.149	1.04	1.20	0.229	No
323	6.44	106.20	48.46	57.74	0.89	0.213	1.43	0.149	1.04	1.20	0.229	No
324	6.46	106.51	48.66	57.86	0.89	0.213	1.43	0.149	1.04	1.20	0.229	No
325	6.48	106.83	48.85	57.97	0.89	0.213	1.43	0.149	1.04	1.20	0.230	No
326	6.50	107.14	49.05	58.09	0.89	0.213	1.43	0.149	1.04	1.20	0.230	No
327	6.52	107.46	49.25	58.21	0.89	0.213	1.43	0.149	1.04	1.20	0.230	No
328	6.54	107.77	49.44	58.33	0.89	0.213	1.43	0.149	1.04	1.20	0.230	No
329	6.56	108.09	49.64	58.45	0.89	0.214	1.43	0.149	1.04	1.20	0.230	No
330	6.58	108.40	49.83	58.56	0.89	0.214	1.43	0.150	1.04	1.20	0.230	No
331	6.60	108.71	50.03	58.68	0.89	0.214	1.43	0.150	1.04	1.20	0.230	No
332	6.62	109.02	50.23	58.79	0.89	0.214	1.43	0.150	1.04	1.20	0.231	No
333	6.64	109.33	50.42	58.91	0.89	0.214	1.43	0.150	1.04	1.20	0.231	No
334	6.66	109.64	50.62	59.02	0.89	0.214	1.43	0.150	1.04	1.20	0.231	No
335	6.68	109.96	50.82	59.14	0.89	0.214	1.43	0.150	1.04	1.20	0.231	No
336	6.70	110.27	51.01	59.26	0.89	0.214	1.43	0.150	1.04	1.20	0.231	No
337	6.72	110.58	51.21	59.37	0.88	0.214	1.43	0.150	1.04	1.20	0.231	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
338	6.74	110.90	51.40	59.49	0.88	0.214	1.43	0.150	1.04	1.20	0.231	No
339	6.76	111.21	51.60	59.61	0.88	0.214	1.43	0.150	1.04	1.20	0.231	No
340	6.78	111.53	51.80	59.73	0.88	0.214	1.43	0.150	1.04	1.20	0.231	No
341	6.80	111.85	51.99	59.86	0.88	0.214	1.43	0.150	1.04	1.20	0.231	No
342	6.82	112.17	52.19	59.98	0.88	0.215	1.43	0.150	1.04	1.20	0.231	No
343	6.84	112.48	52.39	60.10	0.88	0.215	1.43	0.150	1.04	1.20	0.232	No
344	6.86	112.80	52.58	60.22	0.88	0.215	1.43	0.150	1.04	1.20	0.232	No
345	6.88	113.12	52.78	60.34	0.88	0.215	1.43	0.150	1.04	1.20	0.232	No
346	6.90	113.44	52.97	60.46	0.88	0.215	1.43	0.150	1.04	1.20	0.232	No
347	6.92	113.76	53.17	60.59	0.88	0.215	1.43	0.150	1.04	1.20	0.232	No
348	6.94	114.08	53.37	60.71	0.88	0.215	1.43	0.150	1.04	1.20	0.232	No
349	6.96	114.39	53.56	60.83	0.88	0.215	1.43	0.150	1.04	1.20	0.232	No
350	6.98	114.71	53.76	60.96	0.88	0.215	1.43	0.150	1.04	1.20	0.232	No
351	7.00	115.04	53.95	61.08	0.88	0.215	1.43	0.151	1.04	1.20	0.232	No
352	7.02	115.36	54.15	61.21	0.88	0.215	1.43	0.151	1.04	1.20	0.232	No
353	7.04	115.68	54.35	61.34	0.88	0.215	1.43	0.151	1.04	1.20	0.232	No
354	7.06	116.01	54.54	61.47	0.88	0.215	1.43	0.151	1.04	1.20	0.232	No
355	7.08	116.34	54.74	61.60	0.88	0.215	1.43	0.151	1.04	1.20	0.232	No
356	7.10	116.67	54.94	61.73	0.88	0.215	1.43	0.151	1.04	1.20	0.231	No
357	7.12	117.00	55.13	61.87	0.88	0.215	1.43	0.151	1.04	1.20	0.230	No
358	7.14	117.34	55.33	62.01	0.88	0.215	1.43	0.151	1.04	1.20	0.230	No
359	7.16	117.67	55.52	62.15	0.87	0.215	1.43	0.151	1.04	1.20	0.231	No
360	7.18	118.00	55.72	62.28	0.87	0.215	1.43	0.151	1.04	1.20	0.232	No
361	7.20	118.33	55.92	62.41	0.87	0.215	1.43	0.151	1.04	1.20	0.232	No
362	7.22	118.66	56.11	62.54	0.87	0.215	1.43	0.151	1.04	1.20	0.232	No
363	7.24	118.98	56.31	62.68	0.87	0.215	1.43	0.151	1.04	1.20	0.233	No
364	7.26	119.31	56.51	62.81	0.87	0.215	1.43	0.151	1.04	1.20	0.233	No
365	7.28	119.64	56.70	62.94	0.87	0.215	1.43	0.151	1.04	1.20	0.233	No
366	7.30	119.97	56.90	63.07	0.87	0.215	1.43	0.151	1.04	1.20	0.233	No
367	7.32	120.30	57.09	63.20	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
368	7.34	120.63	57.29	63.33	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
369	7.36	120.96	57.49	63.47	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
370	7.38	121.29	57.68	63.61	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
371	7.40	121.63	57.88	63.75	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
372	7.42	121.96	58.08	63.89	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
373	7.44	122.30	58.27	64.03	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
374	7.46	122.64	58.47	64.17	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
375	7.48	122.98	58.66	64.32	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
376	7.50	123.32	58.86	64.46	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
377	7.52	123.66	59.06	64.61	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
378	7.54	124.00	59.25	64.75	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
379	7.56	124.34	59.45	64.89	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
380	7.58	124.68	59.64	65.04	0.87	0.216	1.43	0.151	1.04	1.20	0.233	No
381	7.60	125.02	59.84	65.18	0.86	0.216	1.43	0.151	1.04	1.20	0.233	No
382	7.62	125.36	60.04	65.33	0.86	0.216	1.43	0.151	1.04	1.20	0.233	No
383	7.64	125.71	60.23	65.47	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No
384	7.66	126.04	60.43	65.62	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No
385	7.68	126.38	60.63	65.76	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
386	7.70	126.72	60.82	65.90	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No
387	7.72	127.06	61.02	66.04	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No
388	7.74	127.40	61.21	66.19	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No
389	7.76	127.74	61.41	66.33	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No
390	7.78	128.08	61.61	66.47	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No
391	7.80	128.42	61.80	66.61	0.86	0.216	1.43	0.151	1.03	1.20	0.233	No
392	7.82	128.76	62.00	66.76	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
393	7.84	129.10	62.20	66.90	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
394	7.86	129.44	62.39	67.05	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
395	7.88	129.79	62.59	67.20	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
396	7.90	130.13	62.78	67.34	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
397	7.92	130.47	62.98	67.49	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
398	7.94	130.81	63.18	67.64	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
399	7.96	131.16	63.37	67.79	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
400	7.98	131.50	63.57	67.93	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
401	8.00	131.84	63.77	68.08	0.86	0.215	1.43	0.151	1.03	1.20	0.233	No
402	8.02	132.19	63.96	68.23	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
403	8.04	132.53	64.16	68.38	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
404	8.06	132.88	64.35	68.52	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
405	8.08	133.22	64.55	68.67	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
406	8.10	133.57	64.75	68.83	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
407	8.12	133.92	64.94	68.98	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
408	8.14	134.27	65.14	69.13	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
409	8.16	134.61	65.33	69.28	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
410	8.18	134.96	65.53	69.43	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
411	8.20	135.31	65.73	69.58	0.85	0.215	1.43	0.151	1.03	1.20	0.233	No
412	8.22	135.65	65.92	69.73	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
413	8.24	136.00	66.12	69.88	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
414	8.26	136.34	66.32	70.02	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
415	8.28	136.68	66.51	70.17	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
416	8.30	137.03	66.71	70.32	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
417	8.32	137.37	66.90	70.47	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
418	8.34	137.71	67.10	70.61	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
419	8.36	138.05	67.30	70.76	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
420	8.38	138.40	67.49	70.90	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
421	8.40	138.74	67.69	71.05	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
422	8.42	139.08	67.89	71.19	0.85	0.215	1.43	0.150	1.03	1.20	0.233	No
423	8.44	139.42	68.08	71.34	0.84	0.215	1.43	0.150	1.03	1.20	0.233	No
424	8.46	139.76	68.28	71.49	0.84	0.215	1.43	0.150	1.03	1.20	0.233	No
425	8.48	140.11	68.47	71.63	0.84	0.215	1.43	0.150	1.03	1.20	0.233	No
426	8.50	140.46	68.67	71.79	0.84	0.215	1.43	0.150	1.03	1.20	0.233	No
427	8.52	140.80	68.87	71.94	0.84	0.215	1.43	0.150	1.03	1.20	0.233	No
428	8.54	141.15	69.06	72.09	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
429	8.56	141.50	69.26	72.24	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
430	8.58	141.85	69.45	72.40	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
431	8.60	142.20	69.65	72.55	0.84	0.214	1.43	0.150	1.03	1.20	0.232	No
432	8.62	142.56	69.85	72.71	0.84	0.214	1.43	0.150	1.03	1.20	0.232	No
433	8.64	142.91	70.04	72.86	0.84	0.214	1.43	0.150	1.03	1.20	0.232	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
434	8.66	143.26	70.24	73.02	0.84	0.214	1.43	0.150	1.03	1.20	0.232	No
435	8.68	143.61	70.44	73.17	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
436	8.70	143.96	70.63	73.33	0.84	0.214	1.43	0.150	1.03	1.20	0.232	No
437	8.72	144.31	70.83	73.49	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
438	8.74	144.67	71.02	73.64	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
439	8.76	145.02	71.22	73.80	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
440	8.78	145.37	71.42	73.95	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
441	8.80	145.72	71.61	74.11	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
442	8.82	146.07	71.81	74.26	0.84	0.214	1.43	0.150	1.03	1.20	0.233	No
443	8.84	146.42	72.01	74.42	0.84	0.214	1.43	0.150	1.03	1.20	0.232	No
444	8.86	146.77	72.20	74.57	0.83	0.214	1.43	0.150	1.03	1.20	0.233	No
445	8.88	147.12	72.40	74.72	0.83	0.214	1.43	0.150	1.02	1.20	0.233	No
446	8.90	147.47	72.59	74.88	0.83	0.214	1.43	0.149	1.02	1.20	0.233	No
447	8.92	147.82	72.79	75.03	0.83	0.213	1.43	0.149	1.02	1.20	0.233	No
448	8.94	148.17	72.99	75.18	0.83	0.213	1.43	0.149	1.02	1.20	0.232	No
449	8.96	148.52	73.18	75.34	0.83	0.213	1.43	0.149	1.02	1.20	0.232	No
450	8.98	148.87	73.38	75.49	0.83	0.213	1.43	0.149	1.02	1.20	0.232	No
451	9.00	149.22	73.58	75.65	0.83	0.213	1.43	0.149	1.02	1.20	0.232	No
452	9.02	149.57	73.77	75.80	0.83	0.213	1.43	0.149	1.02	1.20	0.232	No
453	9.04	149.93	73.97	75.96	0.83	0.213	1.43	0.149	1.02	1.20	0.232	No
454	9.06	150.28	74.16	76.12	0.83	0.213	1.43	0.149	1.02	1.20	0.231	No
455	9.08	150.64	74.36	76.28	0.83	0.213	1.43	0.149	1.02	1.20	0.231	No
456	9.10	150.99	74.56	76.44	0.83	0.213	1.43	0.149	1.02	1.20	0.231	No
457	9.12	151.35	74.75	76.60	0.83	0.213	1.43	0.149	1.02	1.20	0.231	No
458	9.14	151.71	74.95	76.76	0.83	0.213	1.43	0.149	1.02	1.20	0.231	No
459	9.16	152.06	75.14	76.92	0.83	0.213	1.43	0.149	1.02	1.20	0.231	No
460	9.18	152.42	75.34	77.08	0.83	0.213	1.43	0.149	1.02	1.20	0.230	No
461	9.20	152.78	75.54	77.24	0.83	0.213	1.43	0.149	1.02	1.20	0.230	No
462	9.22	153.14	75.73	77.40	0.83	0.213	1.43	0.149	1.02	1.20	0.230	No
463	9.24	153.50	75.93	77.57	0.83	0.212	1.43	0.149	1.02	1.20	0.230	No
464	9.26	153.86	76.13	77.73	0.83	0.212	1.43	0.149	1.02	1.20	0.230	No
465	9.28	154.22	76.32	77.90	0.83	0.212	1.43	0.149	1.02	1.20	0.229	No
466	9.30	154.58	76.52	78.06	0.82	0.212	1.43	0.149	1.02	1.20	0.229	No
467	9.32	154.94	76.71	78.23	0.82	0.212	1.43	0.149	1.02	1.20	0.230	No
468	9.34	155.30	76.91	78.39	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
469	9.36	155.66	77.11	78.56	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
470	9.38	156.02	77.30	78.72	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
471	9.40	156.38	77.50	78.89	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
472	9.42	156.74	77.70	79.05	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
473	9.44	157.10	77.89	79.21	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
474	9.46	157.46	78.09	79.38	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
475	9.48	157.82	78.28	79.54	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
476	9.50	158.18	78.48	79.70	0.82	0.212	1.43	0.148	1.02	1.20	0.230	No
477	9.52	158.54	78.68	79.87	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No
478	9.54	158.90	78.87	80.03	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No
479	9.56	159.26	79.07	80.20	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No
480	9.58	159.63	79.26	80.36	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No
481	9.60	159.99	79.46	80.53	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)												
Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
482	9.62	160.35	79.66	80.70	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No
483	9.64	160.72	79.85	80.86	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No
484	9.66	161.08	80.05	81.03	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No
485	9.68	161.44	80.25	81.19	0.82	0.211	1.43	0.148	1.02	1.20	0.230	No
486	9.70	161.80	80.44	81.36	0.81	0.211	1.43	0.147	1.02	1.20	0.230	No
487	9.72	162.16	80.64	81.52	0.81	0.211	1.43	0.147	1.02	1.20	0.230	No
488	9.74	162.52	80.83	81.69	0.81	0.211	1.43	0.147	1.02	1.20	0.229	No
489	9.76	162.88	81.03	81.85	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
490	9.78	163.23	81.23	82.01	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
491	9.80	163.59	81.42	82.17	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
492	9.82	163.94	81.62	82.32	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
493	9.84	164.30	81.82	82.48	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
494	9.86	164.65	82.01	82.64	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
495	9.88	165.00	82.21	82.80	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
496	9.90	165.36	82.40	82.95	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
497	9.92	165.71	82.60	83.11	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
498	9.94	166.07	82.80	83.27	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
499	9.96	166.42	82.99	83.43	0.81	0.210	1.43	0.147	1.02	1.20	0.229	No
500	9.98	166.78	83.19	83.59	0.81	0.210	1.43	0.147	1.02	1.20	0.228	No
501	10.00	167.14	83.39	83.75	0.81	0.210	1.43	0.147	1.02	1.20	0.228	No
502	10.02	167.50	83.58	83.92	0.81	0.209	1.43	0.147	1.02	1.20	0.228	No
503	10.04	167.86	83.78	84.08	0.81	0.209	1.43	0.147	1.02	1.20	0.228	No
504	10.06	168.22	83.97	84.25	0.81	0.209	1.43	0.147	1.02	1.20	0.227	No
505	10.08	168.59	84.17	84.42	0.81	0.209	1.43	0.146	1.02	1.20	0.227	No
506	10.10	168.95	84.37	84.59	0.81	0.209	1.43	0.146	1.02	1.20	0.227	No
507	10.12	169.32	84.56	84.76	0.80	0.209	1.43	0.146	1.02	1.20	0.227	No
508	10.14	169.69	84.76	84.93	0.80	0.209	1.43	0.146	1.02	1.20	0.227	No
509	10.16	170.05	84.95	85.10	0.80	0.209	1.43	0.146	1.02	1.20	0.227	No
510	10.18	170.42	85.15	85.27	0.80	0.209	1.43	0.146	1.01	1.20	0.228	No
511	10.20	170.78	85.35	85.44	0.80	0.209	1.43	0.146	1.01	1.20	0.228	No
512	10.22	171.15	85.54	85.61	0.80	0.209	1.43	0.146	1.01	1.20	0.228	No
513	10.24	171.51	85.74	85.77	0.80	0.208	1.43	0.146	1.01	1.20	0.228	No
514	10.26	171.87	85.94	85.94	0.80	0.208	1.43	0.146	1.01	1.20	0.228	No
515	10.28	172.24	86.13	86.10	0.80	0.208	1.43	0.146	1.01	1.20	0.228	No
516	10.30	172.60	86.33	86.27	0.80	0.208	1.43	0.146	1.01	1.20	0.228	No
517	10.32	172.96	86.52	86.43	0.80	0.208	1.43	0.146	1.01	1.20	0.228	No
518	10.34	173.31	86.72	86.59	0.80	0.208	1.43	0.146	1.01	1.20	0.228	No
519	10.36	173.67	86.92	86.75	0.80	0.208	1.43	0.146	1.01	1.20	0.229	No
520	10.38	174.02	87.11	86.91	0.80	0.208	1.43	0.146	1.01	1.20	0.229	No
521	10.40	174.37	87.31	87.06	0.80	0.208	1.43	0.145	1.01	1.20	0.229	No
522	10.42	174.71	87.51	87.21	0.80	0.208	1.43	0.145	1.01	1.20	0.229	No
523	10.44	175.05	87.70	87.35	0.80	0.208	1.43	0.145	1.01	1.20	0.229	No
524	10.46	175.39	87.90	87.49	0.80	0.208	1.43	0.145	1.01	1.20	0.229	No
525	10.48	175.73	88.09	87.63	0.80	0.208	1.43	0.145	1.01	1.20	0.229	No
526	10.50	176.06	88.29	87.77	0.80	0.208	1.43	0.145	1.01	1.20	0.229	No
527	10.52	176.40	88.49	87.91	0.80	0.207	1.43	0.145	1.01	1.20	0.229	No
528	10.54	176.73	88.68	88.05	0.79	0.207	1.43	0.145	1.01	1.20	0.229	No
529	10.56	177.07	88.88	88.19	0.79	0.207	1.43	0.145	1.01	1.20	0.229	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
530	10.58	177.40	89.07	88.33	0.79	0.207	1.43	0.145	1.01	1.20	0.228	No
531	10.60	177.74	89.27	88.47	0.79	0.207	1.43	0.145	1.01	1.20	0.228	No
532	10.62	178.08	89.47	88.62	0.79	0.207	1.43	0.145	1.01	1.20	0.228	No
533	10.64	178.43	89.66	88.77	0.79	0.207	1.43	0.145	1.01	1.20	0.227	No
534	10.66	178.77	89.86	88.91	0.79	0.207	1.43	0.145	1.01	1.20	0.227	No
535	10.68	179.12	90.06	89.06	0.79	0.207	1.43	0.145	1.01	1.20	0.227	No
536	10.70	179.46	90.25	89.21	0.79	0.207	1.43	0.145	1.01	1.20	0.227	No
537	10.72	179.80	90.45	89.35	0.79	0.207	1.43	0.145	1.01	1.20	0.227	No
538	10.74	180.14	90.64	89.50	0.79	0.207	1.43	0.145	1.01	1.20	0.227	No
539	10.76	180.48	90.84	89.64	0.79	0.207	1.43	0.145	1.01	1.20	0.227	No
540	10.78	180.82	91.04	89.78	0.79	0.207	1.43	0.145	1.01	1.20	0.228	No
541	10.80	181.16	91.23	89.92	0.79	0.207	1.43	0.145	1.01	1.20	0.228	No
542	10.82	181.49	91.43	90.06	0.79	0.206	1.43	0.145	1.01	1.20	0.227	No
543	10.84	181.83	91.63	90.20	0.79	0.206	1.43	0.144	1.01	1.20	0.227	No
544	10.86	182.17	91.82	90.34	0.79	0.206	1.43	0.144	1.01	1.20	0.227	No
545	10.88	182.50	92.02	90.49	0.79	0.206	1.43	0.144	1.01	1.20	0.227	No
546	10.90	182.84	92.21	90.63	0.79	0.206	1.43	0.144	1.01	1.20	0.227	No
547	10.92	183.18	92.41	90.77	0.79	0.206	1.43	0.144	1.01	1.20	0.227	No
548	10.94	183.51	92.61	90.91	0.79	0.206	1.43	0.144	1.01	1.20	0.227	No
549	10.96	183.85	92.80	91.05	0.78	0.206	1.43	0.144	1.01	1.20	0.227	No
550	10.98	184.19	93.00	91.19	0.78	0.206	1.43	0.144	1.01	1.20	0.227	No
551	11.00	184.54	93.19	91.34	0.78	0.206	1.43	0.144	1.01	1.20	0.227	No
552	11.02	184.88	93.39	91.49	0.78	0.206	1.43	0.144	1.01	1.20	0.226	No
553	11.04	185.23	93.59	91.64	0.78	0.206	1.43	0.144	1.01	1.20	0.226	No
554	11.06	185.58	93.78	91.80	0.78	0.206	1.43	0.144	1.01	1.20	0.225	No
555	11.08	185.94	93.98	91.96	0.78	0.206	1.43	0.144	1.01	1.20	0.222	No
556	11.10	186.29	94.18	92.11	0.78	0.205	1.43	0.144	1.01	1.20	0.221	No
557	11.12	186.64	94.37	92.27	0.78	0.205	1.43	0.144	1.01	1.20	0.221	No
558	11.14	187.00	94.57	92.43	0.78	0.205	1.43	0.144	1.01	1.20	0.221	No
559	11.16	187.35	94.76	92.59	0.78	0.205	1.43	0.144	1.01	1.20	0.222	No
560	11.18	187.71	94.96	92.75	0.78	0.205	1.43	0.144	1.01	1.20	0.224	No
561	11.20	188.06	95.16	92.91	0.78	0.205	1.43	0.144	1.01	1.20	0.224	No
562	11.22	188.42	95.35	93.07	0.78	0.205	1.43	0.143	1.01	1.20	0.223	No
563	11.24	188.78	95.55	93.23	0.78	0.205	1.43	0.143	1.01	1.20	0.223	No
564	11.26	189.15	95.75	93.40	0.78	0.205	1.43	0.143	1.01	1.20	0.223	No
565	11.28	189.51	95.94	93.57	0.78	0.205	1.43	0.143	1.01	1.20	0.222	No
566	11.30	189.87	96.14	93.73	0.78	0.205	1.43	0.143	1.01	1.20	0.223	No
567	11.32	190.23	96.33	93.90	0.78	0.204	1.43	0.143	1.01	1.20	0.223	No
568	11.34	190.59	96.53	94.06	0.78	0.204	1.43	0.143	1.01	1.20	0.223	No
569	11.36	190.94	96.73	94.22	0.78	0.204	1.43	0.143	1.01	1.20	0.223	No
570	11.38	191.30	96.92	94.38	0.77	0.204	1.43	0.143	1.01	1.20	0.223	No
571	11.40	191.66	97.12	94.54	0.77	0.204	1.43	0.143	1.01	1.20	0.223	No
572	11.42	192.01	97.32	94.70	0.77	0.204	1.43	0.143	1.01	1.20	0.223	No
573	11.44	192.37	97.51	94.86	0.77	0.204	1.43	0.143	1.01	1.20	0.223	No
574	11.46	192.73	97.71	95.02	0.77	0.204	1.43	0.143	1.01	1.20	0.223	No
575	11.48	193.09	97.90	95.19	0.77	0.204	1.43	0.143	1.01	1.20	0.222	No
576	11.50	193.45	98.10	95.35	0.77	0.204	1.43	0.143	1.01	1.20	0.222	No
577	11.52	193.82	98.30	95.52	0.77	0.203	1.43	0.142	1.01	1.20	0.222	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
578	11.54	194.18	98.49	95.69	0.77	0.203	1.43	0.142	1.01	1.20	0.222	No
579	11.56	194.55	98.69	95.86	0.77	0.203	1.43	0.142	1.01	1.20	0.222	No
580	11.58	194.92	98.88	96.03	0.77	0.203	1.43	0.142	1.00	1.20	0.221	No
581	11.60	195.29	99.08	96.21	0.77	0.203	1.43	0.142	1.00	1.20	0.221	No
582	11.62	195.66	99.28	96.38	0.77	0.203	1.43	0.142	1.00	1.20	0.221	No
583	11.64	196.02	99.47	96.55	0.77	0.203	1.43	0.142	1.00	1.20	0.221	No
584	11.66	196.39	99.67	96.72	0.77	0.203	1.43	0.142	1.00	1.20	0.221	No
585	11.68	196.76	99.87	96.89	0.77	0.203	1.43	0.142	1.00	1.20	0.221	No
586	11.70	197.12	100.06	97.06	0.77	0.203	1.43	0.142	1.00	1.20	0.221	No
587	11.72	197.49	100.26	97.23	0.77	0.202	1.43	0.142	1.00	1.20	0.221	No
588	11.74	197.86	100.45	97.40	0.77	0.202	1.43	0.142	1.00	1.20	0.221	No
589	11.76	198.22	100.65	97.57	0.77	0.202	1.43	0.142	1.00	1.20	0.220	No
590	11.78	198.59	100.85	97.74	0.77	0.202	1.43	0.141	1.00	1.20	0.220	No
591	11.80	198.96	101.04	97.92	0.76	0.202	1.43	0.141	1.00	1.20	0.220	No
592	11.82	199.33	101.24	98.09	0.76	0.202	1.43	0.141	1.00	1.20	0.220	No
593	11.84	199.70	101.44	98.26	0.76	0.202	1.43	0.141	1.00	1.20	0.220	No
594	11.86	200.07	101.63	98.44	0.76	0.202	1.43	0.141	1.00	1.20	0.220	No
595	11.88	200.44	101.83	98.61	0.76	0.202	1.43	0.141	1.00	1.20	0.220	No
596	11.90	200.81	102.02	98.79	0.76	0.201	1.43	0.141	1.00	1.20	0.220	No
597	11.92	201.19	102.22	98.97	0.76	0.201	1.43	0.141	1.00	1.20	0.219	No
598	11.94	201.56	102.42	99.14	0.76	0.201	1.43	0.141	1.00	1.20	0.219	No
599	11.96	201.93	102.61	99.32	0.76	0.201	1.43	0.141	1.00	1.20	0.219	No
600	11.98	202.31	102.81	99.50	0.76	0.201	1.43	0.141	1.00	1.20	0.219	No
601	12.00	202.68	103.00	99.68	0.76	0.201	1.43	0.141	1.00	1.20	0.220	No
602	12.02	203.05	103.20	99.85	0.76	0.201	1.43	0.141	1.00	1.20	0.220	No
603	12.04	203.42	103.40	100.02	0.76	0.201	1.43	0.140	1.00	1.20	0.221	No
604	12.06	203.78	103.59	100.19	0.76	0.201	1.43	0.140	1.00	1.20	0.222	No
605	12.08	204.14	103.79	100.35	0.76	0.200	1.43	0.140	1.00	1.20	0.223	No
606	12.10	204.50	103.99	100.51	0.76	0.200	1.43	0.140	1.00	1.20	0.223	No
607	12.12	204.85	104.18	100.67	0.76	0.200	1.43	0.140	1.00	1.20	0.223	No
608	12.14	205.20	104.38	100.82	0.76	0.200	1.43	0.140	1.00	1.20	0.223	No
609	12.16	205.55	104.57	100.98	0.76	0.200	1.43	0.140	1.00	1.20	0.223	No
610	12.18	205.91	104.77	101.13	0.76	0.200	1.43	0.140	1.00	1.20	0.223	No
611	12.20	206.26	104.97	101.29	0.76	0.200	1.43	0.140	1.00	1.20	0.223	No
612	12.22	206.61	105.16	101.44	0.75	0.200	1.43	0.140	1.00	1.20	0.223	No
613	12.24	206.96	105.36	101.60	0.75	0.200	1.43	0.140	1.00	1.20	0.223	No
614	12.26	207.31	105.56	101.76	0.75	0.200	1.43	0.140	1.00	1.20	0.222	No
615	12.28	207.67	105.75	101.91	0.75	0.200	1.43	0.140	1.00	1.20	0.220	No
616	12.30	208.02	105.95	102.07	0.75	0.199	1.43	0.140	1.00	1.20	0.221	No
617	12.32	208.37	106.14	102.23	0.75	0.199	1.43	0.140	1.00	1.20	0.221	No
618	12.34	208.72	106.34	102.38	0.75	0.199	1.43	0.140	1.00	1.20	0.221	No
619	12.36	209.06	106.54	102.53	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
620	12.38	209.40	106.73	102.67	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
621	12.40	209.74	106.93	102.81	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
622	12.42	210.08	107.13	102.95	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
623	12.44	210.41	107.32	103.09	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
624	12.46	210.75	107.52	103.23	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
625	12.48	211.09	107.71	103.37	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
626	12.50	211.42	107.91	103.51	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
627	12.52	211.76	108.11	103.65	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
628	12.54	212.10	108.30	103.79	0.75	0.199	1.43	0.139	1.00	1.20	0.222	No
629	12.56	212.43	108.50	103.93	0.75	0.198	1.43	0.139	1.00	1.20	0.222	No
630	12.58	212.76	108.69	104.07	0.75	0.198	1.43	0.139	1.00	1.20	0.222	No
631	12.60	213.10	108.89	104.21	0.75	0.198	1.43	0.139	1.00	1.20	0.222	No
632	12.62	213.43	109.09	104.35	0.75	0.198	1.43	0.139	1.00	1.20	0.222	No
633	12.64	213.77	109.28	104.48	0.74	0.198	1.43	0.139	1.00	1.20	0.222	No
634	12.66	214.10	109.48	104.62	0.74	0.198	1.43	0.139	1.00	1.20	0.222	No
635	12.68	214.44	109.68	104.76	0.74	0.198	1.43	0.139	1.00	1.20	0.221	No
636	12.70	214.77	109.87	104.90	0.74	0.198	1.43	0.139	1.00	1.20	0.221	No
637	12.72	215.11	110.07	105.04	0.74	0.198	1.43	0.138	1.00	1.20	0.221	No
638	12.74	215.45	110.26	105.18	0.74	0.198	1.43	0.138	1.00	1.20	0.221	No
639	12.76	215.79	110.46	105.32	0.74	0.198	1.43	0.138	1.00	1.20	0.221	No
640	12.78	216.12	110.66	105.47	0.74	0.198	1.43	0.138	1.00	1.20	0.221	No
641	12.80	216.46	110.85	105.61	0.74	0.198	1.43	0.138	1.00	1.20	0.221	No
642	12.82	216.80	111.05	105.75	0.74	0.197	1.43	0.138	1.00	1.20	0.221	No
643	12.84	217.13	111.25	105.89	0.74	0.197	1.43	0.138	1.00	1.20	0.221	No
644	12.86	217.47	111.44	106.03	0.74	0.197	1.43	0.138	1.00	1.20	0.221	No
645	12.88	217.80	111.64	106.17	0.74	0.197	1.43	0.138	1.00	1.20	0.221	No
646	12.90	218.14	111.83	106.30	0.74	0.197	1.43	0.138	1.00	1.20	0.220	No
647	12.92	218.48	112.03	106.44	0.74	0.197	1.43	0.138	1.00	1.20	0.220	No
648	12.94	218.81	112.23	106.59	0.74	0.197	1.43	0.138	1.00	1.20	0.220	No
649	12.96	219.15	112.42	106.73	0.74	0.197	1.43	0.138	1.00	1.20	0.220	No
650	12.98	219.49	112.62	106.87	0.74	0.197	1.43	0.138	1.00	1.20	0.220	No
651	13.00	219.84	112.81	107.02	0.74	0.197	1.43	0.138	1.00	1.20	0.220	No
652	13.02	220.18	113.01	107.17	0.74	0.197	1.43	0.138	1.00	1.20	0.220	No
653	13.04	220.53	113.21	107.32	0.74	0.196	1.43	0.138	1.00	1.20	0.219	No
654	13.06	220.89	113.40	107.48	0.74	0.196	1.43	0.137	0.99	1.20	0.219	No
655	13.08	221.24	113.60	107.64	0.73	0.196	1.43	0.137	0.99	1.20	0.218	No
656	13.10	221.60	113.80	107.81	0.73	0.196	1.43	0.137	0.99	1.20	0.218	No
657	13.12	221.97	113.99	107.97	0.73	0.196	1.43	0.137	0.99	1.20	0.218	No
658	13.14	222.33	114.19	108.14	0.73	0.196	1.43	0.137	0.99	1.20	0.218	No
659	13.16	222.69	114.38	108.31	0.73	0.196	1.43	0.137	0.99	1.20	0.217	No
660	13.18	223.06	114.58	108.48	0.73	0.196	1.43	0.137	0.99	1.20	0.217	No
661	13.20	223.43	114.78	108.65	0.73	0.196	1.43	0.137	0.99	1.20	0.217	No
662	13.22	223.79	114.97	108.82	0.73	0.196	1.43	0.137	0.99	1.20	0.217	No
663	13.24	224.16	115.17	108.99	0.73	0.195	1.43	0.137	0.99	1.20	0.217	No
664	13.26	224.53	115.37	109.16	0.73	0.195	1.43	0.137	0.99	1.20	0.217	No
665	13.28	224.90	115.56	109.34	0.73	0.195	1.43	0.137	0.99	1.20	0.217	No
666	13.30	225.27	115.76	109.51	0.73	0.195	1.43	0.137	0.99	1.20	0.216	No
667	13.32	225.63	115.95	109.68	0.73	0.195	1.43	0.136	0.99	1.20	0.216	No
668	13.34	226.00	116.15	109.85	0.73	0.195	1.43	0.136	0.99	1.20	0.216	No
669	13.36	226.37	116.35	110.03	0.73	0.195	1.43	0.136	0.99	1.20	0.216	No
670	13.38	226.74	116.54	110.20	0.73	0.195	1.43	0.136	0.99	1.20	0.216	No
671	13.40	227.11	116.74	110.37	0.73	0.195	1.43	0.136	0.99	1.20	0.216	No
672	13.42	227.48	116.94	110.54	0.73	0.194	1.43	0.136	0.99	1.20	0.216	No
673	13.44	227.84	117.13	110.71	0.73	0.194	1.43	0.136	0.99	1.20	0.217	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
674	13.46	228.21	117.33	110.88	0.73	0.194	1.43	0.136	0.99	1.20	0.217	No
675	13.48	228.58	117.52	111.05	0.73	0.194	1.43	0.136	0.99	1.20	0.217	No
676	13.50	228.94	117.72	111.22	0.72	0.194	1.43	0.136	0.99	1.20	0.217	No
677	13.52	229.30	117.92	111.38	0.72	0.194	1.43	0.136	0.99	1.20	0.217	No
678	13.54	229.66	118.11	111.55	0.72	0.194	1.43	0.136	0.99	1.20	0.217	No
679	13.56	230.02	118.31	111.71	0.72	0.194	1.43	0.136	0.99	1.20	0.217	No
680	13.58	230.38	118.50	111.87	0.72	0.194	1.43	0.135	0.99	1.20	0.217	No
681	13.60	230.73	118.70	112.03	0.72	0.193	1.43	0.135	0.99	1.20	0.217	No
682	13.62	231.09	118.90	112.19	0.72	0.193	1.43	0.135	0.99	1.20	0.217	No
683	13.64	231.45	119.09	112.35	0.72	0.193	1.43	0.135	0.99	1.20	0.217	No
684	13.66	231.80	119.29	112.51	0.72	0.193	1.43	0.135	0.99	1.20	0.217	No
685	13.68	232.16	119.49	112.67	0.72	0.193	1.43	0.135	0.99	1.20	0.217	No
686	13.70	232.51	119.68	112.83	0.72	0.193	1.43	0.135	0.99	1.20	0.217	No
687	13.72	232.87	119.88	112.99	0.72	0.193	1.43	0.135	0.99	1.20	0.217	No
688	13.74	233.23	120.07	113.15	0.72	0.193	1.43	0.135	0.99	1.20	0.217	No
689	13.76	233.58	120.27	113.31	0.72	0.193	1.43	0.135	0.99	1.20	0.216	No
690	13.78	233.94	120.47	113.47	0.72	0.193	1.43	0.135	0.99	1.20	0.216	No
691	13.80	234.30	120.66	113.64	0.72	0.192	1.43	0.135	0.99	1.20	0.216	No
692	13.82	234.66	120.86	113.80	0.72	0.192	1.43	0.135	0.99	1.20	0.216	No
693	13.84	235.02	121.06	113.96	0.72	0.192	1.43	0.135	0.99	1.20	0.216	No
694	13.86	235.38	121.25	114.13	0.72	0.192	1.43	0.134	0.99	1.20	0.216	No
695	13.88	235.74	121.45	114.29	0.72	0.192	1.43	0.134	0.99	1.20	0.216	No
696	13.90	236.10	121.64	114.46	0.72	0.192	1.43	0.134	0.99	1.20	0.215	No
697	13.92	236.46	121.84	114.62	0.72	0.192	1.43	0.134	0.99	1.20	0.215	No
698	13.94	236.83	122.04	114.79	0.71	0.192	1.43	0.134	0.99	1.20	0.215	No
699	13.96	237.20	122.23	114.96	0.71	0.192	1.43	0.134	0.99	1.20	0.215	No
700	13.98	237.56	122.43	115.13	0.71	0.191	1.43	0.134	0.99	1.20	0.215	No
701	14.00	237.93	122.63	115.30	0.71	0.191	1.43	0.134	0.99	1.20	0.215	No
702	14.02	238.30	122.82	115.48	0.71	0.191	1.43	0.134	0.99	1.20	0.215	No
703	14.04	238.66	123.02	115.65	0.71	0.191	1.43	0.134	0.99	1.20	0.214	No
704	14.06	239.03	123.21	115.82	0.71	0.191	1.43	0.134	0.99	1.20	0.214	No
705	14.08	239.40	123.41	115.99	0.71	0.191	1.43	0.134	0.99	1.20	0.214	No
706	14.10	239.77	123.61	116.16	0.71	0.191	1.43	0.134	0.99	1.20	0.214	No
707	14.12	240.13	123.80	116.33	0.71	0.191	1.43	0.133	0.99	1.20	0.214	No
708	14.14	240.50	124.00	116.50	0.71	0.191	1.43	0.133	0.99	1.20	0.214	No
709	14.16	240.86	124.19	116.67	0.71	0.191	1.43	0.133	0.99	1.20	0.214	No
710	14.18	241.23	124.39	116.84	0.71	0.190	1.43	0.133	0.99	1.20	0.214	No
711	14.20	241.59	124.59	117.01	0.71	0.190	1.43	0.133	0.99	1.20	0.214	No
712	14.22	241.96	124.78	117.18	0.71	0.190	1.43	0.133	0.99	1.20	0.214	No
713	14.24	242.33	124.98	117.35	0.71	0.190	1.43	0.133	0.99	1.20	0.214	No
714	14.26	242.69	125.18	117.52	0.71	0.190	1.43	0.133	0.99	1.20	0.214	No
715	14.28	243.06	125.37	117.69	0.71	0.190	1.43	0.133	0.99	1.20	0.213	No
716	14.30	243.43	125.57	117.86	0.71	0.190	1.43	0.133	0.99	1.20	0.213	No
717	14.32	243.80	125.76	118.04	0.71	0.190	1.43	0.133	0.99	1.20	0.213	No
718	14.34	244.17	125.96	118.21	0.71	0.190	1.43	0.133	0.99	1.20	0.213	No
719	14.36	244.54	126.16	118.38	0.71	0.189	1.43	0.133	0.99	1.20	0.213	No
720	14.38	244.90	126.35	118.55	0.70	0.189	1.43	0.132	0.99	1.20	0.213	No
721	14.40	245.27	126.55	118.72	0.70	0.189	1.43	0.132	0.99	1.20	0.213	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
722	14.42	245.63	126.75	118.89	0.70	0.189	1.43	0.132	0.99	1.20	0.213	No
723	14.44	246.00	126.94	119.06	0.70	0.189	1.43	0.132	0.99	1.20	0.213	No
724	14.46	246.36	127.14	119.22	0.70	0.189	1.43	0.132	0.99	1.20	0.213	No
725	14.48	246.72	127.33	119.39	0.70	0.189	1.43	0.132	0.99	1.20	0.213	No
726	14.50	247.08	127.53	119.55	0.70	0.189	1.43	0.132	0.99	1.20	0.213	No
727	14.52	247.44	127.73	119.71	0.70	0.189	1.43	0.132	0.99	1.20	0.213	No
728	14.54	247.80	127.92	119.87	0.70	0.188	1.43	0.132	0.99	1.20	0.213	No
729	14.56	248.15	128.12	120.04	0.70	0.188	1.43	0.132	0.99	1.20	0.213	No
730	14.58	248.51	128.31	120.20	0.70	0.188	1.43	0.132	0.99	1.20	0.213	No
731	14.60	248.87	128.51	120.36	0.70	0.188	1.43	0.132	0.99	1.20	0.213	No
732	14.62	249.23	128.71	120.52	0.70	0.188	1.43	0.132	0.99	1.20	0.212	No
733	14.64	249.59	128.90	120.69	0.70	0.188	1.43	0.132	0.99	1.20	0.212	No
734	14.66	249.95	129.10	120.85	0.70	0.188	1.43	0.131	0.99	1.20	0.212	No
735	14.68	250.31	129.30	121.01	0.70	0.188	1.43	0.131	0.99	1.20	0.212	No
736	14.70	250.66	129.49	121.17	0.70	0.188	1.43	0.131	0.99	1.20	0.212	No
737	14.72	251.02	129.69	121.33	0.70	0.188	1.43	0.131	0.99	1.20	0.212	No
738	14.74	251.37	129.88	121.49	0.70	0.187	1.43	0.131	0.99	1.20	0.212	No
739	14.76	251.72	130.08	121.64	0.70	0.187	1.43	0.131	0.99	1.20	0.212	No
740	14.78	252.08	130.28	121.80	0.70	0.187	1.43	0.131	0.98	1.20	0.212	No
741	14.80	252.42	130.47	121.95	0.70	0.187	1.43	0.131	0.98	1.20	0.212	No
742	14.82	252.77	130.67	122.10	0.69	0.187	1.43	0.131	0.98	1.20	0.212	No
743	14.84	253.11	130.87	122.25	0.69	0.187	1.43	0.131	0.98	1.20	0.212	No
744	14.86	253.45	131.06	122.39	0.69	0.187	1.43	0.131	0.98	1.20	0.212	No
745	14.88	253.79	131.26	122.53	0.69	0.187	1.43	0.131	0.98	1.20	0.212	No
746	14.90	254.12	131.45	122.67	0.69	0.187	1.43	0.131	0.98	1.20	0.212	No
747	14.92	254.45	131.65	122.80	0.69	0.187	1.43	0.131	0.98	1.20	0.212	No
748	14.94	254.79	131.85	122.94	0.69	0.187	1.43	0.131	0.98	1.20	0.212	No
749	14.96	255.12	132.04	123.08	0.69	0.186	1.43	0.130	0.98	1.20	0.212	No
750	14.98	255.45	132.24	123.21	0.69	0.186	1.43	0.130	0.98	1.20	0.212	No
751	15.00	255.79	132.44	123.35	0.69	0.186	1.43	0.130	0.98	1.20	0.212	No
752	15.02	256.12	132.63	123.49	0.69	0.186	1.43	0.130	0.98	1.20	0.211	No
753	15.04	256.46	132.83	123.63	0.69	0.186	1.43	0.130	0.98	1.20	0.211	No
754	15.06	256.79	133.02	123.77	0.69	0.186	1.43	0.130	0.98	1.20	0.211	No
755	15.08	257.13	133.22	123.91	0.69	0.186	1.43	0.130	0.98	1.20	0.211	No
756	15.10	257.47	133.42	124.05	0.69	0.186	1.43	0.130	0.98	1.20	0.211	No
757	15.12	257.81	133.61	124.20	0.69	0.186	1.43	0.130	0.98	1.20	0.211	No
758	15.14	258.15	133.81	124.34	0.69	0.186	1.43	0.130	0.98	1.20	0.211	No
759	15.16	258.48	134.00	124.48	0.69	0.186	1.43	0.130	0.98	1.20	0.211	No
760	15.18	258.82	134.20	124.62	0.69	0.185	1.43	0.130	0.98	1.20	0.211	No
761	15.20	259.16	134.40	124.76	0.69	0.185	1.43	0.130	0.98	1.20	0.210	No
762	15.22	259.50	134.59	124.90	0.69	0.185	1.43	0.130	0.98	1.20	0.210	No
763	15.24	259.83	134.79	125.04	0.69	0.185	1.43	0.130	0.98	1.20	0.210	No
764	15.26	260.17	134.99	125.18	0.69	0.185	1.43	0.130	0.98	1.20	0.210	No
765	15.28	260.50	135.18	125.32	0.68	0.185	1.43	0.130	0.98	1.20	0.210	No
766	15.30	260.84	135.38	125.46	0.68	0.185	1.43	0.129	0.98	1.20	0.210	No
767	15.32	261.17	135.57	125.59	0.68	0.185	1.43	0.129	0.98	1.20	0.210	No
768	15.34	261.50	135.77	125.73	0.68	0.185	1.43	0.129	0.98	1.20	0.210	No
769	15.36	261.83	135.97	125.86	0.68	0.185	1.43	0.129	0.98	1.20	0.210	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
770	15.38	262.16	136.16	125.99	0.68	0.185	1.43	0.129	0.98	1.20	0.210	No
771	15.40	262.48	136.36	126.13	0.68	0.185	1.43	0.129	0.98	1.20	0.210	No
772	15.42	262.81	136.56	126.26	0.68	0.184	1.43	0.129	0.98	1.20	0.210	No
773	15.44	263.14	136.75	126.39	0.68	0.184	1.43	0.129	0.98	1.20	0.209	No
774	15.46	263.47	136.95	126.53	0.68	0.184	1.43	0.129	0.98	1.20	0.209	No
775	15.48	263.81	137.14	126.67	0.68	0.184	1.43	0.129	0.98	1.20	0.209	No
776	15.50	264.16	137.34	126.82	0.68	0.184	1.43	0.129	0.98	1.20	0.209	No
777	15.52	264.51	137.54	126.97	0.68	0.184	1.43	0.129	0.98	1.20	0.208	No
778	15.54	264.86	137.73	127.13	0.68	0.184	1.43	0.129	0.98	1.20	0.208	No
779	15.56	265.22	137.93	127.29	0.68	0.184	1.43	0.129	0.98	1.20	0.207	No
780	15.58	265.58	138.12	127.45	0.68	0.184	1.43	0.129	0.98	1.20	0.207	No
781	15.60	265.94	138.32	127.61	0.68	0.184	1.43	0.129	0.98	1.20	0.207	No
782	15.62	266.29	138.52	127.78	0.68	0.184	1.43	0.128	0.98	1.20	0.207	No
783	15.64	266.65	138.71	127.94	0.68	0.183	1.43	0.128	0.98	1.20	0.206	No
784	15.66	267.01	138.91	128.10	0.68	0.183	1.43	0.128	0.98	1.20	0.204	No
785	15.68	267.36	139.11	128.26	0.68	0.183	1.43	0.128	0.98	1.20	0.202	No
786	15.70	267.72	139.30	128.42	0.68	0.183	1.43	0.128	0.98	1.20	0.203	No
787	15.72	268.08	139.50	128.59	0.68	0.183	1.43	0.128	0.98	1.20	0.203	No
788	15.74	268.45	139.69	128.75	0.67	0.183	1.43	0.128	0.98	1.20	0.203	No
789	15.76	268.81	139.89	128.92	0.67	0.183	1.43	0.128	0.98	1.20	0.203	No
790	15.78	269.17	140.09	129.09	0.67	0.183	1.43	0.128	0.98	1.20	0.203	No
791	15.80	269.54	140.28	129.25	0.67	0.183	1.43	0.128	0.98	1.20	0.201	No
792	15.82	269.90	140.48	129.42	0.67	0.182	1.43	0.128	0.98	1.20	0.203	No
793	15.84	270.26	140.68	129.59	0.67	0.182	1.43	0.128	0.98	1.20	0.204	No
794	15.86	270.63	140.87	129.75	0.67	0.182	1.43	0.128	0.98	1.20	0.205	No
795	15.88	270.99	141.07	129.92	0.67	0.182	1.43	0.127	0.98	1.20	0.205	No
796	15.90	271.34	141.26	130.08	0.67	0.182	1.43	0.127	0.98	1.20	0.205	No
797	15.92	271.70	141.46	130.24	0.67	0.182	1.43	0.127	0.98	1.20	0.205	No
798	15.94	272.06	141.66	130.41	0.67	0.182	1.43	0.127	0.98	1.20	0.205	No
799	15.96	272.42	141.85	130.57	0.67	0.182	1.43	0.127	0.98	1.20	0.205	No
800	15.98	272.79	142.05	130.74	0.67	0.182	1.43	0.127	0.98	1.20	0.205	No
801	16.00	273.15	142.25	130.90	0.67	0.182	1.43	0.127	0.98	1.20	0.204	No
802	16.02	273.51	142.44	131.07	0.67	0.181	1.43	0.127	0.98	1.20	0.204	No
803	16.04	273.87	142.64	131.23	0.67	0.181	1.43	0.127	0.98	1.20	0.203	No
804	16.06	274.23	142.83	131.40	0.67	0.181	1.43	0.127	0.98	1.20	0.202	No
805	16.08	274.59	143.03	131.56	0.67	0.181	1.43	0.127	0.98	1.20	0.203	No
806	16.10	274.95	143.23	131.73	0.67	0.181	1.43	0.127	0.98	1.20	0.204	No
807	16.12	275.31	143.42	131.89	0.67	0.181	1.43	0.127	0.98	1.20	0.204	No
808	16.14	275.67	143.62	132.06	0.67	0.181	1.43	0.127	0.98	1.20	0.204	No
809	16.16	276.04	143.81	132.22	0.67	0.181	1.43	0.126	0.98	1.20	0.204	No
810	16.18	276.40	144.01	132.39	0.67	0.181	1.43	0.126	0.98	1.20	0.204	No
811	16.20	276.76	144.21	132.55	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
812	16.22	277.12	144.40	132.72	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
813	16.24	277.48	144.60	132.88	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
814	16.26	277.84	144.80	133.04	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
815	16.28	278.19	144.99	133.20	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
816	16.30	278.54	145.19	133.35	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
817	16.32	278.89	145.38	133.51	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
818	16.34	279.24	145.58	133.66	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
819	16.36	279.59	145.78	133.82	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
820	16.38	279.94	145.97	133.97	0.66	0.180	1.43	0.126	0.98	1.20	0.204	No
821	16.40	280.30	146.17	134.13	0.66	0.179	1.43	0.126	0.98	1.20	0.204	No
822	16.42	280.65	146.37	134.29	0.66	0.179	1.43	0.126	0.98	1.20	0.204	No
823	16.44	281.01	146.56	134.45	0.66	0.179	1.43	0.125	0.98	1.20	0.203	No
824	16.46	281.37	146.76	134.61	0.66	0.179	1.43	0.125	0.97	1.20	0.202	No
825	16.48	281.72	146.95	134.77	0.66	0.179	1.43	0.125	0.97	1.20	0.202	No
826	16.50	282.08	147.15	134.93	0.66	0.179	1.43	0.125	0.97	1.20	0.202	No
827	16.52	282.43	147.35	135.08	0.66	0.179	1.43	0.125	0.98	1.20	0.203	No
828	16.54	282.78	147.54	135.24	0.66	0.179	1.43	0.125	0.98	1.20	0.203	No
829	16.56	283.13	147.74	135.40	0.66	0.179	1.43	0.125	0.98	1.20	0.203	No
830	16.58	283.49	147.93	135.55	0.66	0.179	1.43	0.125	0.98	1.20	0.203	No
831	16.60	283.84	148.13	135.71	0.66	0.178	1.43	0.125	0.98	1.20	0.203	No
832	16.62	284.19	148.33	135.86	0.66	0.178	1.43	0.125	0.98	1.20	0.203	No
833	16.64	284.54	148.52	136.01	0.66	0.178	1.43	0.125	0.98	1.20	0.203	No
834	16.66	284.89	148.72	136.17	0.66	0.178	1.43	0.125	0.98	1.20	0.203	No
835	16.68	285.23	148.92	136.32	0.65	0.178	1.43	0.125	0.98	1.20	0.203	No
836	16.70	285.58	149.11	136.47	0.65	0.178	1.43	0.125	0.98	1.20	0.203	No
837	16.72	285.93	149.31	136.63	0.65	0.178	1.43	0.125	0.98	1.20	0.203	No
838	16.74	286.28	149.50	136.78	0.65	0.178	1.43	0.124	0.98	1.20	0.203	No
839	16.76	286.64	149.70	136.94	0.65	0.178	1.43	0.124	0.98	1.20	0.203	No
840	16.78	286.99	149.90	137.09	0.65	0.178	1.43	0.124	0.97	1.20	0.203	No
841	16.80	287.34	150.09	137.25	0.65	0.178	1.43	0.124	0.97	1.20	0.203	No
842	16.82	287.70	150.29	137.41	0.65	0.177	1.43	0.124	0.97	1.20	0.203	No
843	16.84	288.05	150.49	137.56	0.65	0.177	1.43	0.124	0.97	1.20	0.203	No
844	16.86	288.40	150.68	137.72	0.65	0.177	1.43	0.124	0.97	1.20	0.202	No
845	16.88	288.75	150.88	137.87	0.65	0.177	1.43	0.124	0.97	1.20	0.202	No
846	16.90	289.10	151.07	138.03	0.65	0.177	1.43	0.124	0.97	1.20	0.202	No
847	16.92	289.45	151.27	138.18	0.65	0.177	1.43	0.124	0.97	1.20	0.202	No
848	16.94	289.80	151.47	138.34	0.65	0.177	1.43	0.124	0.97	1.20	0.202	No
849	16.96	290.15	151.66	138.49	0.65	0.177	1.43	0.124	0.97	1.20	0.202	No
850	16.98	290.50	151.86	138.64	0.65	0.177	1.43	0.124	0.97	1.20	0.202	No
851	17.00	290.85	152.06	138.79	0.65	0.177	1.43	0.124	0.97	1.20	0.202	No
852	17.02	291.20	152.25	138.95	0.65	0.176	1.43	0.124	0.97	1.20	0.202	No
853	17.04	291.55	152.45	139.10	0.65	0.176	1.43	0.123	0.97	1.20	0.202	No
854	17.06	291.89	152.64	139.25	0.65	0.176	1.43	0.123	0.97	1.20	0.202	No
855	17.08	292.24	152.84	139.40	0.65	0.176	1.43	0.123	0.97	1.20	0.202	No
856	17.10	292.59	153.04	139.56	0.65	0.176	1.43	0.123	0.97	1.20	0.202	No
857	17.12	292.94	153.23	139.71	0.65	0.176	1.43	0.123	0.97	1.20	0.202	No
858	17.14	293.29	153.43	139.86	0.65	0.176	1.43	0.123	0.97	1.20	0.202	No
859	17.16	293.64	153.62	140.02	0.64	0.176	1.43	0.123	0.97	1.20	0.202	No
860	17.18	293.99	153.82	140.17	0.64	0.176	1.43	0.123	0.97	1.20	0.202	No
861	17.20	294.34	154.02	140.32	0.64	0.176	1.43	0.123	0.97	1.20	0.201	No
862	17.22	294.69	154.21	140.48	0.64	0.176	1.43	0.123	0.97	1.20	0.201	No
863	17.24	295.04	154.41	140.63	0.64	0.175	1.43	0.123	0.97	1.20	0.201	No
864	17.26	295.39	154.61	140.78	0.64	0.175	1.43	0.123	0.97	1.20	0.201	No
865	17.28	295.74	154.80	140.93	0.64	0.175	1.43	0.123	0.97	1.20	0.201	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
866	17.30	296.08	155.00	141.09	0.64	0.175	1.43	0.123	0.97	1.20	0.201	No
867	17.32	296.43	155.19	141.24	0.64	0.175	1.43	0.123	0.97	1.20	0.201	No
868	17.34	296.78	155.39	141.39	0.64	0.175	1.43	0.122	0.97	1.20	0.201	No
869	17.36	297.12	155.59	141.54	0.64	0.175	1.43	0.122	0.97	1.20	0.201	No
870	17.38	297.47	155.78	141.69	0.64	0.175	1.43	0.122	0.97	1.20	0.201	No
871	17.40	297.82	155.98	141.84	0.64	0.175	1.43	0.122	0.97	1.20	0.201	No
872	17.42	298.16	156.18	141.99	0.64	0.175	1.43	0.122	0.97	1.20	0.201	No
873	17.44	298.51	156.37	142.14	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
874	17.46	298.85	156.57	142.29	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
875	17.48	299.20	156.76	142.44	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
876	17.50	299.55	156.96	142.59	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
877	17.52	299.90	157.16	142.74	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
878	17.54	300.25	157.35	142.90	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
879	17.56	300.60	157.55	143.05	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
880	17.58	300.95	157.74	143.20	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
881	17.60	301.30	157.94	143.36	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
882	17.62	301.65	158.14	143.51	0.64	0.174	1.43	0.122	0.97	1.20	0.200	No
883	17.64	302.00	158.33	143.66	0.64	0.174	1.43	0.121	0.97	1.20	0.199	No
884	17.66	302.34	158.53	143.81	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
885	17.68	302.69	158.73	143.96	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
886	17.70	303.03	158.92	144.11	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
887	17.72	303.38	159.12	144.26	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
888	17.74	303.73	159.31	144.41	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
889	17.76	304.07	159.51	144.56	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
890	17.78	304.42	159.71	144.71	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
891	17.80	304.77	159.90	144.87	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
892	17.82	305.12	160.10	145.02	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
893	17.84	305.47	160.30	145.18	0.63	0.173	1.43	0.121	0.97	1.20	0.199	No
894	17.86	305.83	160.49	145.34	0.63	0.173	1.43	0.121	0.97	1.20	0.198	No
895	17.88	306.18	160.69	145.49	0.63	0.172	1.43	0.121	0.97	1.20	0.198	No
896	17.90	306.54	160.88	145.65	0.63	0.172	1.43	0.121	0.97	1.20	0.198	No
897	17.92	306.89	161.08	145.81	0.63	0.172	1.43	0.121	0.97	1.20	0.198	No
898	17.94	307.25	161.28	145.97	0.63	0.172	1.43	0.121	0.97	1.20	0.198	No
899	17.96	307.60	161.47	146.13	0.63	0.172	1.43	0.120	0.97	1.20	0.198	No
900	17.98	307.95	161.67	146.28	0.63	0.172	1.43	0.120	0.97	1.20	0.198	No
901	18.00	308.30	161.87	146.43	0.63	0.172	1.43	0.120	0.97	1.20	0.198	No
902	18.02	308.64	162.06	146.58	0.63	0.172	1.43	0.120	0.97	1.20	0.198	No
903	18.04	308.99	162.26	146.73	0.63	0.172	1.43	0.120	0.97	1.20	0.198	No
904	18.06	309.34	162.45	146.88	0.63	0.172	1.43	0.120	0.97	1.20	0.198	No
905	18.08	309.69	162.65	147.04	0.63	0.172	1.43	0.120	0.97	1.20	0.197	No
906	18.10	310.03	162.85	147.19	0.63	0.171	1.43	0.120	0.97	1.20	0.197	No
907	18.12	310.38	163.04	147.34	0.63	0.171	1.43	0.120	0.97	1.20	0.196	No
908	18.14	310.73	163.24	147.49	0.63	0.171	1.43	0.120	0.97	1.20	0.196	No
909	18.16	311.08	163.43	147.64	0.62	0.171	1.43	0.120	0.97	1.20	0.195	No
910	18.18	311.43	163.63	147.80	0.62	0.171	1.43	0.120	0.97	1.20	0.195	No
911	18.20	311.78	163.83	147.95	0.62	0.171	1.43	0.120	0.97	1.20	0.195	No
912	18.22	312.12	164.02	148.10	0.62	0.171	1.43	0.120	0.97	1.20	0.195	No
913	18.24	312.47	164.22	148.25	0.62	0.171	1.43	0.120	0.97	1.20	0.195	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
914	18.26	312.81	164.42	148.40	0.62	0.171	1.43	0.119	0.97	1.20	0.195	No
915	18.28	313.16	164.61	148.55	0.62	0.171	1.43	0.119	0.97	1.20	0.195	No
916	18.30	313.51	164.81	148.70	0.62	0.171	1.43	0.119	0.97	1.20	0.196	No
917	18.32	313.85	165.00	148.85	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
918	18.34	314.19	165.20	148.99	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
919	18.36	314.54	165.40	149.14	0.62	0.170	1.43	0.119	0.97	1.20	0.195	No
920	18.38	314.88	165.59	149.29	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
921	18.40	315.22	165.79	149.43	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
922	18.42	315.56	165.99	149.58	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
923	18.44	315.91	166.18	149.73	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
924	18.46	316.25	166.38	149.87	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
925	18.48	316.59	166.57	150.01	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
926	18.50	316.92	166.77	150.15	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
927	18.52	317.26	166.97	150.29	0.62	0.170	1.43	0.119	0.97	1.20	0.196	No
928	18.54	317.59	167.16	150.43	0.62	0.169	1.43	0.119	0.97	1.20	0.196	No
929	18.56	317.93	167.36	150.57	0.62	0.169	1.43	0.119	0.97	1.20	0.195	No
930	18.58	318.27	167.55	150.71	0.62	0.169	1.43	0.119	0.97	1.20	0.195	No
931	18.60	318.60	167.75	150.85	0.62	0.169	1.43	0.118	0.97	1.20	0.195	No
932	18.62	318.94	167.95	150.99	0.62	0.169	1.43	0.118	0.97	1.20	0.195	No
933	18.64	319.27	168.14	151.13	0.62	0.169	1.43	0.118	0.97	1.20	0.195	No
934	18.66	319.61	168.34	151.27	0.62	0.169	1.43	0.118	0.97	1.20	0.195	No
935	18.68	319.95	168.54	151.41	0.61	0.169	1.43	0.118	0.97	1.20	0.195	No
936	18.70	320.28	168.73	151.55	0.61	0.169	1.43	0.118	0.97	1.20	0.195	No
937	18.72	320.61	168.93	151.68	0.61	0.169	1.43	0.118	0.97	1.20	0.195	No
938	18.74	320.95	169.12	151.82	0.61	0.169	1.43	0.118	0.97	1.20	0.195	No
939	18.76	321.28	169.32	151.96	0.61	0.169	1.43	0.118	0.97	1.20	0.195	No
940	18.78	321.61	169.52	152.10	0.61	0.168	1.43	0.118	0.97	1.20	0.195	No
941	18.80	321.95	169.71	152.24	0.61	0.168	1.43	0.118	0.97	1.20	0.195	No
942	18.82	322.29	169.91	152.38	0.61	0.168	1.43	0.118	0.97	1.20	0.195	No
943	18.84	322.63	170.11	152.52	0.61	0.168	1.43	0.118	0.97	1.20	0.194	No
944	18.86	322.97	170.30	152.67	0.61	0.168	1.43	0.118	0.97	1.20	0.194	No
945	18.88	323.32	170.50	152.82	0.61	0.168	1.43	0.118	0.97	1.20	0.194	No
946	18.90	323.67	170.69	152.98	0.61	0.168	1.43	0.118	0.97	1.20	0.194	No
947	18.92	324.02	170.89	153.13	0.61	0.168	1.43	0.118	0.97	1.20	0.194	No
948	18.94	324.38	171.09	153.29	0.61	0.168	1.43	0.117	0.97	1.20	0.194	No
949	18.96	324.74	171.28	153.46	0.61	0.168	1.43	0.117	0.97	1.20	0.193	No
950	18.98	325.10	171.48	153.62	0.61	0.168	1.43	0.117	0.97	1.20	0.193	No
951	19.00	325.46	171.68	153.79	0.61	0.168	1.43	0.117	0.97	1.20	0.193	No
952	19.02	325.83	171.87	153.96	0.61	0.167	1.43	0.117	0.96	1.20	0.193	No
953	19.04	326.19	172.07	154.12	0.61	0.167	1.43	0.117	0.96	1.20	0.193	No
954	19.06	326.56	172.26	154.29	0.61	0.167	1.43	0.117	0.96	1.20	0.192	No
955	19.08	326.92	172.46	154.46	0.61	0.167	1.43	0.117	0.96	1.20	0.192	No
956	19.10	327.29	172.66	154.63	0.61	0.167	1.43	0.117	0.96	1.20	0.192	No
957	19.12	327.65	172.85	154.80	0.61	0.167	1.43	0.117	0.96	1.20	0.192	No
958	19.14	328.02	173.05	154.97	0.61	0.167	1.43	0.117	0.96	1.20	0.192	No
959	19.16	328.39	173.24	155.14	0.61	0.167	1.43	0.117	0.96	1.20	0.191	No
960	19.18	328.76	173.44	155.32	0.61	0.167	1.43	0.117	0.96	1.20	0.191	No
961	19.20	329.13	173.64	155.49	0.61	0.167	1.43	0.117	0.96	1.20	0.191	No

:: Cyclic Stress Ratio fully adjusted (CSR*) calculation data :: (continued)

Point ID	Depth (m)	σ_v (KPa)	u_0 (KPa)	σ_v' (KPa)	r_d	CSR	MSF	CSR _{eq}	K_σ	User FS	CSR*	Belongs to transition
962	19.22	329.50	173.83	155.67	0.60	0.166	1.43	0.116	0.96	1.20	0.191	No
963	19.24	329.87	174.03	155.84	0.60	0.166	1.43	0.116	0.96	1.20	0.191	No
964	19.26	330.24	174.23	156.02	0.60	0.166	1.43	0.116	0.96	1.20	0.191	No
965	19.28	330.61	174.42	156.19	0.60	0.166	1.43	0.116	0.96	1.20	0.191	No
966	19.30	330.99	174.62	156.37	0.60	0.166	1.43	0.116	0.96	1.20	0.191	No
967	19.32	331.36	174.81	156.54	0.60	0.166	1.43	0.116	0.96	1.20	0.191	No
968	19.34	331.73	175.01	156.72	0.60	0.166	1.43	0.116	0.96	1.20	0.190	No
969	19.36	332.10	175.21	156.89	0.60	0.166	1.43	0.116	0.96	1.20	0.190	No
970	19.38	332.47	175.40	157.07	0.60	0.166	1.43	0.116	0.96	1.20	0.190	No
971	19.40	332.84	175.60	157.24	0.60	0.166	1.43	0.116	0.96	1.20	0.190	No
972	19.42	333.21	175.80	157.41	0.60	0.165	1.43	0.116	0.96	1.20	0.190	No
973	19.44	333.58	175.99	157.59	0.60	0.165	1.43	0.116	0.96	1.20	0.190	No
974	19.46	333.95	176.19	157.76	0.60	0.165	1.43	0.116	0.96	1.20	0.190	No
975	19.48	334.31	176.38	157.93	0.60	0.165	1.43	0.116	0.96	1.20	0.190	No
976	19.50	334.68	176.58	158.10	0.60	0.165	1.43	0.116	0.96	1.20	0.190	No
977	19.52	335.05	176.78	158.27	0.60	0.165	1.43	0.115	0.96	1.20	0.190	No
978	19.54	335.41	176.97	158.44	0.60	0.165	1.43	0.115	0.96	1.20	0.190	No
979	19.56	335.78	177.17	158.61	0.60	0.165	1.43	0.115	0.96	1.20	0.190	No
980	19.58	336.15	177.36	158.78	0.60	0.165	1.43	0.115	0.96	1.20	0.189	No
981	19.60	336.51	177.56	158.95	0.60	0.165	1.43	0.115	0.96	1.20	0.189	No
982	19.62	336.88	177.76	159.12	0.60	0.164	1.43	0.115	0.96	1.20	0.189	No
983	19.64	337.24	177.95	159.29	0.60	0.164	1.43	0.115	0.96	1.20	0.189	No
984	19.66	337.60	178.15	159.46	0.60	0.164	1.43	0.115	0.96	1.20	0.189	No
985	19.68	337.97	178.35	159.62	0.60	0.164	1.43	0.115	0.96	1.20	0.189	No
986	19.70	338.33	178.54	159.79	0.60	0.164	1.43	0.115	0.96	1.20	0.189	No
987	19.72	338.69	178.74	159.96	0.60	0.164	1.43	0.115	0.96	1.20	0.189	No
988	19.74	339.06	178.93	160.12	0.60	0.164	1.43	0.115	0.96	1.20	0.189	No
989	19.76	339.42	179.13	160.29	0.59	0.164	1.43	0.115	0.96	1.20	0.189	No
990	19.78	339.78	179.33	160.45	0.59	0.164	1.43	0.115	0.96	1.20	0.189	No
991	19.80	340.14	179.52	160.62	0.59	0.164	1.43	0.115	0.96	1.20	0.189	No
992	19.82	340.50	179.72	160.78	0.59	0.164	1.43	0.114	0.96	1.20	0.189	No
993	19.84	340.85	179.92	160.94	0.59	0.163	1.43	0.114	0.96	1.20	0.189	No
994	19.86	341.21	180.11	161.10	0.59	0.163	1.43	0.114	0.96	1.20	0.189	No
995	19.88	341.56	180.31	161.25	0.59	0.163	1.43	0.114	0.96	1.20	0.189	No
996	19.90	341.91	180.50	161.40	0.59	0.163	1.43	0.114	0.96	1.20	0.189	No

Abbreviations

Depth:	Depth from free surface, at which CPT was performed (m)
σ_v :	Total overburden pressure at test point (KPa)
u_0 :	Water pressure at test point (KPa)
σ_v' :	Effective overburden pressure based on GWT during earthquake (KPa)
r_d :	Nonlinear shear mass factor
CSR:	Cyclic Stress Ratio
MSF:	Magnitude Scaling Factor
CSR _{eq} :	CSR adjusted for M=7.5
K_σ :	Effective overburden stress factor
CSR*:	CSR fully adjusted

:: Cyclic Resistance Ratio (CRR) calculation data ::													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
2	0.02	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
3	0.04	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
4	0.06	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
5	0.08	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
6	0.10	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
7	0.12	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
8	0.14	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
9	0.16	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
10	0.18	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
11	0.20	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
12	0.22	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
13	0.24	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
14	0.26	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
15	0.28	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
16	0.30	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
17	0.32	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
18	0.34	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
19	0.36	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
20	0.38	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
21	0.40	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
22	0.42	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
23	0.44	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
24	0.46	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
25	0.48	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
26	0.50	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
27	0.52	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
28	0.54	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
29	0.56	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
30	0.58	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
31	0.60	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
32	0.62	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
33	0.64	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
34	0.66	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
35	0.68	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
36	0.70	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
37	0.72	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
38	0.74	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
39	0.76	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
40	0.78	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
41	0.80	0.01	100.00	4.06	0.62	1.70	0.17	0.00	0.17	4.000	No	Yes	2.00
42	0.82	0.01	100.00	4.06	0.62	1.70	0.21	0.00	0.21	4.000	No	Yes	2.00
43	0.84	0.02	100.00	4.06	0.62	1.70	0.24	0.00	0.24	4.000	No	Yes	2.00
44	0.86	0.02	100.00	4.06	0.62	1.70	0.32	0.00	0.32	4.000	No	Yes	2.00
45	0.88	0.03	100.00	4.06	0.62	1.70	0.47	0.00	0.47	4.000	No	Yes	2.00
46	0.90	0.05	100.00	4.06	0.62	1.70	0.77	0.00	0.77	4.000	No	Yes	2.00
47	0.92	0.09	100.00	4.06	0.62	1.70	1.38	0.00	1.38	4.000	No	Yes	2.00
48	0.94	0.18	100.00	3.95	0.61	1.70	2.59	0.00	2.59	4.000	No	Yes	2.00
49	0.96	0.35	100.00	3.52	0.60	1.70	5.02	0.00	5.02	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
50	0.98	0.69	100.00	3.10	0.58	1.70	9.87	0.00	9.87	4.000	No	Yes	2.00
51	1.00	1.37	77.08	2.68	0.55	1.70	19.58	0.00	19.58	4.000	No	Yes	2.00
52	1.02	1.91	60.54	2.47	0.50	1.70	38.99	59.79	98.79	4.000	No	No	2.00
53	1.04	2.21	53.43	2.38	0.51	1.70	36.94	57.06	94.00	4.000	No	No	2.00
54	1.06	2.07	56.36	2.42	0.52	1.70	34.77	57.42	92.19	4.000	No	No	2.00
55	1.08	1.93	59.23	2.45	0.52	1.70	32.01	57.48	89.49	4.000	No	No	2.00
56	1.10	1.80	61.88	2.49	0.53	1.70	29.88	57.57	87.44	4.000	No	No	2.00
57	1.12	1.70	64.28	2.52	0.53	1.70	28.22	57.66	85.88	4.000	No	No	2.00
58	1.14	1.64	66.19	2.54	0.53	1.70	27.07	57.75	84.82	4.000	No	No	2.00
59	1.16	1.61	67.22	2.55	0.53	1.70	26.72	57.86	84.58	4.000	No	No	2.00
60	1.18	1.60	67.98	2.56	0.53	1.70	26.73	58.01	84.75	4.000	No	No	2.00
61	1.20	1.60	68.99	2.57	0.53	1.70	26.74	58.22	84.96	4.000	No	No	2.00
62	1.22	1.61	68.14	2.56	0.53	1.70	26.77	58.06	84.83	4.000	No	No	2.00
63	1.24	1.64	65.73	2.53	0.53	1.70	26.95	57.62	84.57	4.000	No	No	2.00
64	1.26	1.70	61.71	2.48	0.53	1.70	28.26	57.07	85.33	4.000	No	No	2.00
65	1.28	1.77	59.18	2.45	0.53	1.70	29.76	56.84	86.60	4.000	No	No	2.00
66	1.30	1.87	56.50	2.42	0.53	1.70	30.75	56.35	87.10	4.000	No	No	2.00
67	1.32	1.96	54.13	2.39	0.52	1.70	33.20	56.28	89.48	4.000	No	No	2.00
68	1.34	2.10	51.00	2.35	0.52	1.70	34.50	55.53	90.03	4.000	No	No	2.00
69	1.36	2.21	49.31	2.33	0.51	1.70	37.47	55.66	93.13	4.000	No	No	2.00
70	1.38	2.30	49.07	2.33	0.51	1.70	38.66	55.87	94.53	4.000	No	No	2.00
71	1.40	2.34	51.69	2.36	0.51	1.70	39.33	57.08	96.41	4.000	No	No	2.00
72	1.42	2.33	56.14	2.41	0.50	1.70	39.25	58.58	97.84	4.000	No	No	2.00
73	1.44	2.31	60.45	2.47	0.50	1.70	38.54	59.64	98.18	4.000	No	No	2.00
74	1.46	2.29	63.60	2.51	0.50	1.70	38.22	60.35	98.57	4.000	No	No	2.00
75	1.48	2.28	64.68	2.52	0.50	1.70	38.13	60.58	98.71	4.000	No	No	2.00
76	1.50	2.29	64.31	2.52	0.50	1.70	38.30	60.55	98.84	4.000	No	No	2.00
77	1.52	2.31	62.46	2.49	0.50	1.70	38.47	60.14	98.61	0.136	No	No	1.09
78	1.54	2.35	59.58	2.46	0.50	1.70	39.40	59.65	99.05	0.136	No	No	1.09
79	1.56	2.39	57.27	2.43	0.50	1.70	40.43	59.26	99.68	0.137	No	No	1.09
80	1.58	2.43	55.67	2.41	0.50	1.70	40.39	58.75	99.13	0.136	No	No	1.07
81	1.60	2.45	54.96	2.40	0.50	1.70	41.41	58.79	100.20	0.138	No	No	1.08
82	1.62	2.46	54.42	2.39	0.50	1.70	41.56	58.65	100.21	0.138	No	No	1.07
83	1.64	2.41	53.71	2.38	0.50	1.70	40.60	58.15	98.75	0.136	No	No	1.05
84	1.66	2.31	52.98	2.37	0.51	1.70	39.20	57.51	96.72	0.133	No	No	1.01
85	1.68	2.14	53.14	2.38	0.51	1.70	36.58	56.86	93.44	0.129	No	No	0.97
86	1.70	1.86	57.31	2.43	0.52	1.70	31.94	56.92	88.86	0.125	No	No	0.92
87	1.72	1.53	65.76	2.53	0.54	1.70	25.00	57.06	82.07	0.118	No	No	0.85
88	1.74	1.21	77.35	2.68	0.55	1.70	20.04	0.00	20.04	4.000	No	Yes	2.00
89	1.76	0.97	88.32	2.82	0.56	1.70	15.68	0.00	15.68	4.000	No	Yes	2.00
90	1.78	0.81	97.66	2.93	0.57	1.70	13.05	0.00	13.05	4.000	No	Yes	2.00
91	1.80	0.73	100.00	3.01	0.58	1.70	11.87	0.00	11.87	4.000	No	Yes	2.00
92	1.82	0.70	100.00	3.06	0.58	1.70	11.73	0.00	11.73	4.000	No	Yes	2.00
93	1.84	0.70	100.00	3.09	0.58	1.70	11.60	0.00	11.60	4.000	No	Yes	2.00
94	1.86	0.70	100.00	3.10	0.58	1.70	11.65	0.00	11.65	4.000	No	Yes	2.00
95	1.88	0.69	100.00	3.11	0.58	1.70	11.54	0.00	11.54	4.000	No	Yes	2.00
96	1.90	0.69	100.00	3.11	0.58	1.70	11.44	0.00	11.44	4.000	No	Yes	2.00
97	1.92	0.69	100.00	3.11	0.58	1.70	11.49	0.00	11.49	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
98	1.94	0.69	100.00	3.11	0.58	1.70	11.38	0.00	11.38	4.000	No	Yes	2.00
99	1.96	0.69	100.00	3.11	0.58	1.70	11.27	0.00	11.27	4.000	No	Yes	2.00
100	1.98	0.67	100.00	3.13	0.58	1.70	11.21	0.00	11.21	4.000	No	Yes	2.00
101	2.00	0.64	100.00	3.16	0.58	1.70	10.41	0.00	10.41	4.000	No	Yes	2.00
102	2.02	0.60	100.00	3.20	0.58	1.70	9.57	0.00	9.57	4.000	No	Yes	2.00
103	2.04	0.57	100.00	3.22	0.58	1.70	9.32	0.00	9.32	4.000	No	Yes	2.00
104	2.06	0.56	100.00	3.23	0.59	1.70	8.99	0.00	8.99	4.000	No	Yes	2.00
105	2.08	0.55	100.00	3.23	0.59	1.70	8.90	0.00	8.90	4.000	No	Yes	2.00
106	2.10	0.54	100.00	3.23	0.59	1.70	8.81	0.00	8.81	4.000	No	Yes	2.00
107	2.12	0.52	100.00	3.25	0.59	1.70	8.68	0.00	8.68	4.000	No	Yes	2.00
108	2.14	0.51	100.00	3.27	0.59	1.70	8.04	0.00	8.04	4.000	No	Yes	2.00
109	2.16	0.48	100.00	3.31	0.59	1.70	7.91	0.00	7.91	4.000	No	Yes	2.00
110	2.18	0.44	100.00	3.36	0.59	1.70	7.23	0.00	7.23	4.000	No	Yes	2.00
111	2.20	0.41	100.00	3.40	0.60	1.70	6.43	0.00	6.43	4.000	No	Yes	2.00
112	2.22	0.39	100.00	3.41	0.60	1.70	6.36	0.00	6.36	4.000	No	Yes	2.00
113	2.24	0.39	100.00	3.40	0.60	1.70	6.29	0.00	6.29	4.000	No	Yes	2.00
114	2.26	0.39	100.00	3.41	0.60	1.70	6.25	0.00	6.25	4.000	No	Yes	2.00
115	2.28	0.39	100.00	3.41	0.60	1.70	6.24	0.00	6.24	4.000	No	Yes	2.00
116	2.30	0.39	100.00	3.40	0.60	1.70	6.25	0.00	6.25	4.000	No	Yes	2.00
117	2.32	0.39	100.00	3.39	0.60	1.70	6.25	0.00	6.25	4.000	No	Yes	2.00
118	2.34	0.40	100.00	3.37	0.60	1.70	6.26	0.00	6.26	4.000	No	Yes	2.00
119	2.36	0.42	100.00	3.35	0.60	1.70	6.50	0.00	6.50	4.000	No	Yes	2.00
120	2.38	0.45	100.00	3.31	0.60	1.70	6.82	0.00	6.82	4.000	No	Yes	2.00
121	2.40	0.50	100.00	3.24	0.59	1.70	7.65	0.00	7.65	4.000	No	Yes	2.00
122	2.42	0.56	100.00	3.18	0.59	1.70	8.83	0.00	8.83	4.000	No	Yes	2.00
123	2.44	0.63	100.00	3.13	0.58	1.70	9.74	0.00	9.74	4.000	No	Yes	2.00
124	2.46	0.68	100.00	3.11	0.58	1.70	11.04	0.00	11.04	4.000	No	Yes	2.00
125	2.48	0.71	100.00	3.10	0.58	1.70	11.43	0.00	11.43	4.000	No	Yes	2.00
126	2.50	0.71	100.00	3.12	0.58	1.70	11.12	0.00	11.12	4.000	No	Yes	2.00
127	2.52	0.70	100.00	3.13	0.58	1.70	11.23	0.00	11.23	4.000	No	Yes	2.00
128	2.54	0.71	100.00	3.12	0.58	1.70	11.35	0.00	11.35	4.000	No	Yes	2.00
129	2.56	0.72	100.00	3.11	0.58	1.70	11.82	0.00	11.82	4.000	No	Yes	2.00
130	2.58	0.71	100.00	3.11	0.58	1.70	11.46	0.00	11.46	4.000	No	Yes	2.00
131	2.60	0.69	100.00	3.13	0.58	1.70	10.86	0.00	10.86	4.000	No	Yes	2.00
132	2.62	0.67	100.00	3.14	0.58	1.70	10.70	0.00	10.70	4.000	No	Yes	2.00
133	2.64	0.67	100.00	3.15	0.58	1.70	10.60	0.00	10.60	4.000	No	Yes	2.00
134	2.66	0.67	100.00	3.15	0.58	1.70	10.61	0.00	10.61	4.000	No	Yes	2.00
135	2.68	0.67	100.00	3.15	0.58	1.70	10.62	0.00	10.62	4.000	No	Yes	2.00
136	2.70	0.67	100.00	3.16	0.58	1.70	10.64	0.00	10.64	4.000	No	Yes	2.00
137	2.72	0.68	100.00	3.18	0.58	1.70	10.70	0.00	10.70	4.000	No	Yes	2.00
138	2.74	0.67	100.00	3.21	0.58	1.70	10.81	0.00	10.81	4.000	No	Yes	2.00
139	2.76	0.66	100.00	3.25	0.58	1.70	10.44	0.00	10.44	4.000	No	Yes	2.00
140	2.78	0.65	100.00	3.27	0.58	1.70	10.31	0.00	10.31	4.000	No	Yes	2.00
141	2.80	0.64	100.00	3.28	0.58	1.70	10.42	0.00	10.42	4.000	No	Yes	2.00
142	2.82	0.61	100.00	3.30	0.58	1.70	9.98	0.00	9.98	4.000	No	Yes	2.00
143	2.84	0.58	100.00	3.32	0.59	1.70	9.13	0.00	9.13	4.000	No	Yes	2.00
144	2.86	0.56	100.00	3.31	0.59	1.70	8.77	0.00	8.77	4.000	No	Yes	2.00
145	2.88	0.54	100.00	3.30	0.59	1.70	8.72	0.00	8.72	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
146	2.90	0.52	100.00	3.30	0.59	1.70	8.19	0.00	8.19	4.000	No	Yes	2.00
147	2.92	0.49	100.00	3.30	0.59	1.70	7.63	0.00	7.63	4.000	No	Yes	2.00
148	2.94	0.48	100.00	3.30	0.59	1.70	7.61	0.00	7.61	4.000	No	Yes	2.00
149	2.96	0.49	100.00	3.28	0.59	1.70	7.63	0.00	7.63	4.000	No	Yes	2.00
150	2.98	0.49	100.00	3.27	0.59	1.70	7.66	0.00	7.66	4.000	No	Yes	2.00
151	3.00	0.51	100.00	3.25	0.59	1.70	7.88	0.00	7.88	4.000	No	Yes	2.00
152	3.02	0.52	100.00	3.23	0.59	1.70	8.35	0.00	8.35	4.000	No	Yes	2.00
153	3.04	0.54	100.00	3.21	0.59	1.70	8.30	0.00	8.30	4.000	No	Yes	2.00
154	3.06	0.56	100.00	3.19	0.59	1.70	8.67	0.00	8.67	4.000	No	Yes	2.00
155	3.08	0.57	100.00	3.17	0.59	1.70	9.03	0.00	9.03	4.000	No	Yes	2.00
156	3.10	0.58	100.00	3.17	0.59	1.70	8.90	0.00	8.90	4.000	No	Yes	2.00
157	3.12	0.58	100.00	3.17	0.59	1.70	8.94	0.00	8.94	4.000	No	Yes	2.00
158	3.14	0.59	100.00	3.16	0.59	1.70	9.10	0.00	9.10	4.000	No	Yes	2.00
159	3.16	0.61	100.00	3.15	0.59	1.70	9.27	0.00	9.27	4.000	No	Yes	2.00
160	3.18	0.62	100.00	3.15	0.58	1.70	9.78	0.00	9.78	4.000	No	Yes	2.00
161	3.20	0.65	100.00	3.15	0.58	1.70	9.74	0.00	9.74	4.000	No	Yes	2.00
162	3.22	0.69	100.00	3.15	0.58	1.70	10.80	0.00	10.80	4.000	No	Yes	2.00
163	3.24	0.77	100.00	3.10	0.58	1.70	11.86	0.00	11.86	4.000	No	Yes	2.00
164	3.26	0.81	100.00	3.09	0.57	1.70	13.67	0.00	13.67	4.000	No	Yes	2.00
165	3.28	0.84	100.00	3.07	0.57	1.70	12.55	0.00	12.55	4.000	No	Yes	2.00
166	3.30	0.87	100.00	3.05	0.57	1.70	13.72	0.00	13.72	4.000	No	Yes	2.00
167	3.32	0.86	100.00	3.05	0.56	1.70	14.90	0.00	14.90	4.000	No	Yes	2.00
168	3.34	0.79	100.00	3.07	0.57	1.70	12.09	0.00	12.09	4.000	No	Yes	2.00
169	3.36	0.67	100.00	3.15	0.58	1.70	10.50	0.00	10.50	4.000	No	Yes	2.00
170	3.38	0.60	100.00	3.20	0.59	1.70	8.80	0.00	8.80	4.000	No	Yes	2.00
171	3.40	0.56	100.00	3.21	0.59	1.70	8.63	0.00	8.63	4.000	No	Yes	2.00
172	3.42	0.56	100.00	3.19	0.59	1.70	8.61	0.00	8.61	4.000	No	Yes	2.00
173	3.44	0.59	100.00	3.15	0.59	1.70	8.59	0.00	8.59	4.000	No	Yes	2.00
174	3.46	0.59	100.00	3.14	0.58	1.70	9.85	0.00	9.85	4.000	No	Yes	2.00
175	3.48	0.58	100.00	3.14	0.59	1.70	8.46	0.00	8.46	4.000	No	Yes	2.00
176	3.50	0.55	100.00	3.18	0.59	1.70	8.29	0.00	8.29	4.000	No	Yes	2.00
177	3.52	0.55	100.00	3.18	0.59	1.70	8.23	0.00	8.23	4.000	No	Yes	2.00
178	3.54	0.55	100.00	3.18	0.59	1.70	8.27	0.00	8.27	4.000	No	Yes	2.00
179	3.56	0.56	100.00	3.19	0.59	1.70	8.31	0.00	8.31	4.000	No	Yes	2.00
180	3.58	0.63	100.00	3.13	0.59	1.70	8.59	0.00	8.59	4.000	No	Yes	2.00
181	3.60	0.73	100.00	3.06	0.58	1.70	11.44	0.00	11.44	4.000	No	Yes	2.00
182	3.62	0.81	100.00	3.00	0.57	1.70	12.81	0.00	12.81	4.000	No	Yes	2.00
183	3.64	0.82	100.00	3.00	0.57	1.70	12.41	0.00	12.41	4.000	No	Yes	2.00
184	3.66	0.79	100.00	3.02	0.58	1.70	11.70	0.00	11.70	4.000	No	Yes	2.00
185	3.68	0.78	100.00	3.04	0.58	1.70	11.68	0.00	11.68	4.000	No	Yes	2.00
186	3.70	0.78	100.00	3.04	0.58	1.70	11.72	0.00	11.72	4.000	No	Yes	2.00
187	3.72	0.79	100.00	3.03	0.58	1.70	11.75	0.00	11.75	4.000	No	Yes	2.00
188	3.74	0.82	100.00	3.01	0.57	1.70	11.95	0.00	11.95	4.000	No	Yes	2.00
189	3.76	0.85	100.00	3.00	0.57	1.70	12.81	0.00	12.81	4.000	No	Yes	2.00
190	3.78	0.87	100.00	2.99	0.57	1.70	12.88	0.00	12.88	4.000	No	Yes	2.00
191	3.80	0.87	100.00	3.00	0.57	1.70	12.83	0.00	12.83	4.000	No	Yes	2.00
192	3.82	0.87	100.00	3.02	0.57	1.70	12.89	0.00	12.89	4.000	No	Yes	2.00
193	3.84	0.88	100.00	3.03	0.57	1.70	12.95	0.00	12.95	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
194	3.86	0.91	100.00	3.02	0.57	1.70	13.42	0.00	13.42	4.000	No	Yes	2.00
195	3.88	0.95	100.00	3.01	0.57	1.70	14.39	0.00	14.39	4.000	No	Yes	2.00
196	3.90	0.96	100.00	3.00	0.56	1.70	14.73	0.00	14.73	4.000	No	Yes	2.00
197	3.92	0.94	100.00	3.01	0.56	1.69	14.62	0.00	14.62	4.000	No	Yes	2.00
198	3.94	0.88	100.00	3.04	0.57	1.69	13.61	0.00	13.61	4.000	No	Yes	2.00
199	3.96	0.83	100.00	3.07	0.57	1.70	12.69	0.00	12.69	4.000	No	Yes	2.00
200	3.98	0.80	100.00	3.09	0.57	1.70	12.22	0.00	12.22	4.000	No	Yes	2.00
201	4.00	0.79	100.00	3.10	0.57	1.69	12.10	0.00	12.10	4.000	No	Yes	2.00
202	4.02	0.81	100.00	3.09	0.57	1.69	12.03	0.00	12.03	4.000	No	Yes	2.00
203	4.04	0.85	100.00	3.05	0.57	1.68	12.98	0.00	12.98	4.000	No	Yes	2.00
204	4.06	0.91	100.00	3.02	0.57	1.67	13.91	0.00	13.91	4.000	No	Yes	2.00
205	4.08	0.93	100.00	3.02	0.56	1.66	14.58	0.00	14.58	4.000	No	Yes	2.00
206	4.10	0.92	100.00	3.05	0.57	1.67	13.76	0.00	13.76	4.000	No	Yes	2.00
207	4.12	0.89	100.00	3.07	0.57	1.67	13.19	0.00	13.19	4.000	No	Yes	2.00
208	4.14	0.87	100.00	3.08	0.57	1.66	13.04	0.00	13.04	4.000	No	Yes	2.00
209	4.16	0.87	100.00	3.08	0.57	1.66	13.04	0.00	13.04	4.000	No	Yes	2.00
210	4.18	0.87	100.00	3.07	0.57	1.66	13.04	0.00	13.04	4.000	No	Yes	2.00
211	4.20	0.88	100.00	3.05	0.57	1.65	13.13	0.00	13.13	4.000	No	Yes	2.00
212	4.22	0.88	100.00	3.03	0.57	1.65	13.36	0.00	13.36	4.000	No	Yes	2.00
213	4.24	0.88	100.00	3.02	0.57	1.65	13.05	0.00	13.05	4.000	No	Yes	2.00
214	4.26	0.87	100.00	3.02	0.57	1.64	12.90	0.00	12.90	4.000	No	Yes	2.00
215	4.28	0.87	100.00	3.02	0.57	1.64	12.88	0.00	12.88	4.000	No	Yes	2.00
216	4.30	0.89	100.00	3.01	0.57	1.64	12.85	0.00	12.85	4.000	No	Yes	2.00
217	4.32	0.89	100.00	3.00	0.57	1.63	13.08	0.00	13.08	4.000	No	Yes	2.00
218	4.34	0.88	100.00	3.00	0.57	1.63	12.62	0.00	12.62	4.000	No	Yes	2.00
219	4.36	0.84	100.00	3.03	0.57	1.63	11.90	0.00	11.90	4.000	No	Yes	2.00
220	4.38	0.80	100.00	3.04	0.58	1.63	11.44	0.00	11.44	4.000	No	Yes	2.00
221	4.40	0.79	100.00	3.04	0.58	1.63	11.40	0.00	11.40	4.000	No	Yes	2.00
222	4.42	0.79	100.00	3.03	0.58	1.63	11.38	0.00	11.38	4.000	No	Yes	2.00
223	4.44	0.79	100.00	3.02	0.58	1.62	11.36	0.00	11.36	4.000	No	Yes	2.00
224	4.46	0.79	100.00	3.02	0.58	1.62	11.34	0.00	11.34	4.000	No	Yes	2.00
225	4.48	0.79	100.00	3.03	0.58	1.62	11.32	0.00	11.32	4.000	No	Yes	2.00
226	4.50	0.82	100.00	3.01	0.58	1.61	11.37	0.00	11.37	4.000	No	Yes	2.00
227	4.52	0.86	100.00	2.99	0.57	1.61	12.43	0.00	12.43	4.000	No	Yes	2.00
228	4.54	0.91	100.00	2.96	0.57	1.60	13.01	0.00	13.01	4.000	No	Yes	2.00
229	4.56	0.90	100.00	2.97	0.57	1.60	13.24	0.00	13.24	4.000	No	Yes	2.00
230	4.58	0.87	100.00	3.01	0.57	1.60	12.53	0.00	12.53	4.000	No	Yes	2.00
231	4.60	0.82	100.00	3.06	0.58	1.60	11.61	0.00	11.61	4.000	No	Yes	2.00
232	4.62	0.79	100.00	3.09	0.58	1.60	11.10	0.00	11.10	4.000	No	Yes	2.00
233	4.64	0.77	100.00	3.10	0.58	1.59	11.04	0.00	11.04	4.000	No	Yes	2.00
234	4.66	0.77	100.00	3.10	0.58	1.59	11.00	0.00	11.00	4.000	No	Yes	2.00
235	4.68	0.77	100.00	3.08	0.58	1.59	10.98	0.00	10.98	4.000	No	Yes	2.00
236	4.70	0.77	100.00	3.07	0.58	1.59	10.96	0.00	10.96	4.000	No	Yes	2.00
237	4.72	0.78	100.00	3.06	0.58	1.58	10.95	0.00	10.95	4.000	No	Yes	2.00
238	4.74	0.79	100.00	3.03	0.58	1.58	11.09	0.00	11.09	4.000	No	Yes	2.00
239	4.76	0.82	100.00	3.00	0.58	1.57	11.55	0.00	11.55	4.000	No	Yes	2.00
240	4.78	0.86	100.00	2.97	0.57	1.57	12.20	0.00	12.20	4.000	No	Yes	2.00
241	4.80	0.87	99.71	2.96	0.57	1.56	12.73	0.00	12.73	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
242	4.82	0.87	100.00	2.97	0.57	1.56	12.23	0.00	12.23	4.000	No	Yes	2.00
243	4.84	0.86	100.00	3.01	0.57	1.56	12.22	0.00	12.22	4.000	No	Yes	2.00
244	4.86	0.86	100.00	3.05	0.57	1.56	12.21	0.00	12.21	4.000	No	Yes	2.00
245	4.88	0.86	100.00	3.09	0.57	1.55	12.20	0.00	12.20	4.000	No	Yes	2.00
246	4.90	0.85	100.00	3.11	0.57	1.55	12.42	0.00	12.42	4.000	No	Yes	2.00
247	4.92	0.85	100.00	3.13	0.57	1.55	12.22	0.00	12.22	4.000	No	Yes	2.00
248	4.94	0.85	100.00	3.13	0.57	1.55	12.21	0.00	12.21	4.000	No	Yes	2.00
249	4.96	0.85	100.00	3.11	0.57	1.54	12.19	0.00	12.19	4.000	No	Yes	2.00
250	4.98	0.86	100.00	3.08	0.57	1.54	12.25	0.00	12.25	4.000	No	Yes	2.00
251	5.00	0.91	100.00	3.03	0.57	1.54	12.67	0.00	12.67	4.000	No	Yes	2.00
252	5.02	1.00	99.95	2.96	0.57	1.53	14.33	0.00	14.33	4.000	No	Yes	2.00
253	5.04	1.13	93.45	2.88	0.56	1.52	16.19	0.00	16.19	4.000	No	Yes	2.00
254	5.06	1.31	84.83	2.77	0.56	1.51	18.37	0.00	18.37	4.000	No	Yes	2.00
255	5.08	1.60	72.02	2.61	0.55	1.50	21.96	0.00	21.96	4.000	No	Yes	2.00
256	5.10	1.94	59.37	2.45	0.53	1.48	28.70	56.59	85.29	0.121	No	No	0.58
257	5.12	2.31	48.78	2.32	0.53	1.47	32.87	54.23	87.09	0.123	No	No	0.59
258	5.14	2.66	41.87	2.24	0.52	1.46	37.81	52.16	89.97	0.126	No	No	0.61
259	5.16	3.01	36.61	2.17	0.51	1.45	43.12	49.98	93.10	0.129	No	No	0.63
260	5.18	3.30	32.37	2.12	0.51	1.45	47.49	47.33	94.83	0.131	No	No	0.64
261	5.20	3.51	29.14	2.08	0.51	1.44	49.75	44.37	94.12	0.130	No	No	0.63
262	5.22	3.67	26.29	2.04	0.51	1.44	52.18	41.19	93.37	0.129	No	No	0.63
263	5.24	3.82	23.94	2.01	0.52	1.44	54.15	38.00	92.14	0.128	No	No	0.62
264	5.26	4.08	20.76	1.97	0.52	1.45	56.55	32.67	89.22	0.125	No	No	0.60
265	5.28	4.36	16.48	1.92	0.53	1.45	63.76	23.87	87.63	0.123	No	No	0.59
266	5.30	4.63	11.68	1.86	0.55	1.47	67.04	11.10	78.15	0.114	No	No	0.53
267	5.32	4.71	8.15	1.81	0.57	1.49	69.99	3.00	72.99	0.110	No	No	0.51
268	5.34	4.69	6.82	1.80	0.57	1.49	69.26	1.19	70.45	0.108	No	No	0.49
269	5.36	4.57	7.29	1.80	0.58	1.49	67.35	1.70	69.05	0.107	No	No	0.49
270	5.38	4.43	8.40	1.82	0.58	1.49	65.19	3.36	68.55	0.106	No	No	0.48
271	5.40	4.33	9.54	1.83	0.58	1.49	63.23	5.61	68.84	0.106	No	No	0.49
272	5.42	4.25	10.42	1.84	0.57	1.48	62.21	7.65	69.86	0.107	No	No	0.49
273	5.44	4.16	11.57	1.86	0.57	1.48	61.24	10.55	71.78	0.109	No	No	0.50
274	5.46	4.00	13.49	1.88	0.56	1.47	58.24	15.53	73.77	0.110	No	No	0.51
275	5.48	3.77	16.33	1.92	0.55	1.46	54.09	22.52	76.60	0.113	No	No	0.52
276	5.50	3.50	21.26	1.98	0.54	1.44	50.32	32.74	83.05	0.119	No	No	0.55
277	5.52	3.25	27.45	2.06	0.53	1.43	45.28	41.45	86.73	0.122	No	No	0.58
278	5.54	3.01	33.95	2.14	0.52	1.42	41.81	47.54	89.35	0.125	No	No	0.59
279	5.56	2.85	37.87	2.19	0.52	1.42	39.79	50.12	89.91	0.126	No	No	0.59
280	5.58	2.71	40.25	2.22	0.52	1.42	37.90	51.22	89.13	0.125	No	No	0.59
281	5.60	2.55	42.36	2.24	0.53	1.42	35.94	51.97	87.90	0.124	No	No	0.58
282	5.62	2.34	45.94	2.29	0.53	1.42	33.04	53.04	86.09	0.122	No	No	0.57
283	5.64	1.98	53.72	2.38	0.53	1.42	29.44	55.12	84.56	0.120	No	No	0.56
284	5.66	1.57	64.84	2.52	0.55	1.44	21.01	55.72	76.73	0.113	No	No	0.52
285	5.68	1.22	78.01	2.69	0.57	1.45	16.14	0.00	16.14	4.000	No	Yes	2.00
286	5.70	1.08	85.70	2.78	0.57	1.45	15.06	0.00	15.06	4.000	No	Yes	2.00
287	5.72	1.05	89.46	2.83	0.57	1.44	14.86	0.00	14.86	4.000	No	Yes	2.00
288	5.74	1.05	92.22	2.87	0.57	1.44	14.82	0.00	14.82	4.000	No	Yes	2.00
289	5.76	1.06	92.35	2.87	0.57	1.44	14.98	0.00	14.98	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
290	5.78	1.21	84.26	2.77	0.57	1.44	15.17	0.00	15.17	4.000	No	Yes	2.00
291	5.80	1.45	72.00	2.61	0.55	1.42	20.59	0.00	20.59	4.000	No	Yes	2.00
292	5.82	1.73	61.78	2.48	0.54	1.41	24.62	56.06	80.68	0.117	No	No	0.54
293	5.84	1.91	56.43	2.42	0.54	1.41	26.54	55.17	81.71	0.117	No	No	0.54
294	5.86	1.99	54.77	2.40	0.54	1.40	28.00	55.07	83.07	0.119	No	No	0.55
295	5.88	1.98	54.09	2.39	0.54	1.40	27.72	54.78	82.50	0.118	No	No	0.54
296	5.90	1.90	54.84	2.40	0.54	1.40	26.43	54.66	81.10	0.117	No	No	0.54
297	5.92	1.74	57.04	2.43	0.55	1.40	24.53	54.80	79.33	0.115	No	No	0.53
298	5.94	1.52	62.51	2.49	0.55	1.41	21.51	55.35	76.86	0.113	No	No	0.51
299	5.96	1.24	71.74	2.61	0.56	1.42	17.23	0.00	17.23	4.000	No	Yes	2.00
300	5.98	0.97	83.73	2.76	0.58	1.42	12.98	0.00	12.98	4.000	No	Yes	2.00
301	6.00	0.76	95.68	2.91	0.58	1.43	10.48	0.00	10.48	4.000	No	Yes	2.00
302	6.02	0.61	100.00	3.05	0.59	1.43	8.48	0.00	8.48	4.000	No	Yes	2.00
303	6.04	0.52	100.00	3.14	0.60	1.44	6.66	0.00	6.66	4.000	No	Yes	2.00
304	6.06	0.48	100.00	3.20	0.60	1.43	6.58	0.00	6.58	4.000	No	Yes	2.00
305	6.08	0.48	100.00	3.19	0.60	1.43	6.53	0.00	6.53	4.000	No	Yes	2.00
306	6.10	0.49	100.00	3.19	0.60	1.43	6.52	0.00	6.52	4.000	No	Yes	2.00
307	6.12	0.49	100.00	3.19	0.60	1.43	6.52	0.00	6.52	4.000	No	Yes	2.00
308	6.14	0.50	100.00	3.21	0.60	1.43	6.51	0.00	6.51	4.000	No	Yes	2.00
309	6.16	0.51	100.00	3.23	0.60	1.42	6.56	0.00	6.56	4.000	No	Yes	2.00
310	6.18	0.53	100.00	3.23	0.60	1.42	6.75	0.00	6.75	4.000	No	Yes	2.00
311	6.20	0.56	100.00	3.21	0.59	1.42	7.26	0.00	7.26	4.000	No	Yes	2.00
312	6.22	0.59	100.00	3.19	0.59	1.42	7.64	0.00	7.64	4.000	No	Yes	2.00
313	6.24	0.60	100.00	3.18	0.59	1.41	7.75	0.00	7.75	4.000	No	Yes	2.00
314	6.26	0.58	100.00	3.20	0.59	1.41	7.52	0.00	7.52	4.000	No	Yes	2.00
315	6.28	0.55	100.00	3.23	0.59	1.41	6.99	0.00	6.99	4.000	No	Yes	2.00
316	6.30	0.52	100.00	3.25	0.60	1.41	6.08	0.00	6.08	4.000	No	Yes	2.00
317	6.32	0.50	100.00	3.26	0.60	1.41	6.46	0.00	6.46	4.000	No	Yes	2.00
318	6.34	0.49	100.00	3.27	0.60	1.41	6.03	0.00	6.03	4.000	No	Yes	2.00
319	6.36	0.47	100.00	3.29	0.60	1.41	5.67	0.00	5.67	4.000	No	Yes	2.00
320	6.38	0.46	100.00	3.29	0.60	1.41	5.57	0.00	5.57	4.000	No	Yes	2.00
321	6.40	0.45	100.00	3.30	0.60	1.41	5.56	0.00	5.56	4.000	No	Yes	2.00
322	6.42	0.43	100.00	3.32	0.60	1.40	5.26	0.00	5.26	4.000	No	Yes	2.00
323	6.44	0.42	100.00	3.35	0.60	1.40	5.00	0.00	5.00	4.000	No	Yes	2.00
324	6.46	0.41	100.00	3.36	0.60	1.40	4.96	0.00	4.96	4.000	No	Yes	2.00
325	6.48	0.41	100.00	3.36	0.60	1.40	4.88	0.00	4.88	4.000	No	Yes	2.00
326	6.50	0.41	100.00	3.37	0.60	1.40	5.04	0.00	5.04	4.000	No	Yes	2.00
327	6.52	0.40	100.00	3.37	0.60	1.40	4.74	0.00	4.74	4.000	No	Yes	2.00
328	6.54	0.39	100.00	3.39	0.60	1.40	4.76	0.00	4.76	4.000	No	Yes	2.00
329	6.56	0.39	100.00	3.39	0.60	1.39	4.62	0.00	4.62	4.000	No	Yes	2.00
330	6.58	0.38	100.00	3.39	0.60	1.39	4.56	0.00	4.56	4.000	No	Yes	2.00
331	6.60	0.38	100.00	3.39	0.60	1.39	4.52	0.00	4.52	4.000	No	Yes	2.00
332	6.62	0.38	100.00	3.38	0.60	1.39	4.51	0.00	4.51	4.000	No	Yes	2.00
333	6.64	0.38	100.00	3.38	0.60	1.39	4.51	0.00	4.51	4.000	No	Yes	2.00
334	6.66	0.38	100.00	3.38	0.60	1.39	4.50	0.00	4.50	4.000	No	Yes	2.00
335	6.68	0.39	100.00	3.37	0.60	1.38	4.50	0.00	4.50	4.000	No	Yes	2.00
336	6.70	0.40	100.00	3.35	0.60	1.38	4.78	0.00	4.78	4.000	No	Yes	2.00
337	6.72	0.42	100.00	3.33	0.60	1.38	4.84	0.00	4.84	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
338	6.74	0.43	100.00	3.34	0.60	1.38	5.15	0.00	5.15	4.000	No	Yes	2.00
339	6.76	0.43	100.00	3.34	0.60	1.38	4.95	0.00	4.95	4.000	No	Yes	2.00
340	6.78	0.43	100.00	3.35	0.60	1.37	5.07	0.00	5.07	4.000	No	Yes	2.00
341	6.80	0.43	100.00	3.35	0.60	1.37	5.07	0.00	5.07	4.000	No	Yes	2.00
342	6.82	0.43	100.00	3.35	0.60	1.37	5.07	0.00	5.07	4.000	No	Yes	2.00
343	6.84	0.44	100.00	3.35	0.60	1.37	5.07	0.00	5.07	4.000	No	Yes	2.00
344	6.86	0.44	100.00	3.35	0.60	1.37	5.08	0.00	5.08	4.000	No	Yes	2.00
345	6.88	0.44	100.00	3.35	0.60	1.37	5.06	0.00	5.06	4.000	No	Yes	2.00
346	6.90	0.44	100.00	3.34	0.60	1.36	5.13	0.00	5.13	4.000	No	Yes	2.00
347	6.92	0.45	100.00	3.33	0.60	1.36	5.19	0.00	5.19	4.000	No	Yes	2.00
348	6.94	0.46	100.00	3.32	0.60	1.36	5.37	0.00	5.37	4.000	No	Yes	2.00
349	6.96	0.46	100.00	3.32	0.60	1.36	5.27	0.00	5.27	4.000	No	Yes	2.00
350	6.98	0.47	100.00	3.32	0.60	1.36	5.30	0.00	5.30	4.000	No	Yes	2.00
351	7.00	0.48	100.00	3.31	0.60	1.35	5.64	0.00	5.64	4.000	No	Yes	2.00
352	7.02	0.49	100.00	3.31	0.60	1.35	5.60	0.00	5.60	4.000	No	Yes	2.00
353	7.04	0.50	100.00	3.31	0.60	1.35	5.72	0.00	5.72	4.000	No	Yes	2.00
354	7.06	0.52	100.00	3.29	0.60	1.35	6.02	0.00	6.02	4.000	No	Yes	2.00
355	7.08	0.59	100.00	3.23	0.60	1.35	6.48	0.00	6.48	4.000	No	Yes	2.00
356	7.10	0.74	100.00	3.07	0.59	1.34	8.11	0.00	8.11	4.000	No	Yes	2.00
357	7.12	0.88	99.80	2.96	0.58	1.33	11.72	0.00	11.72	4.000	No	Yes	2.00
358	7.14	0.92	97.48	2.93	0.58	1.33	11.83	0.00	11.83	4.000	No	Yes	2.00
359	7.16	0.81	100.00	3.01	0.58	1.33	9.72	0.00	9.72	4.000	No	Yes	2.00
360	7.18	0.68	100.00	3.13	0.59	1.33	7.86	0.00	7.86	4.000	No	Yes	2.00
361	7.20	0.60	100.00	3.21	0.60	1.33	6.69	0.00	6.69	4.000	No	Yes	2.00
362	7.22	0.57	100.00	3.24	0.60	1.33	6.68	0.00	6.68	4.000	No	Yes	2.00
363	7.24	0.57	100.00	3.23	0.60	1.33	6.67	0.00	6.67	4.000	No	Yes	2.00
364	7.26	0.58	100.00	3.23	0.60	1.33	6.68	0.00	6.68	4.000	No	Yes	2.00
365	7.28	0.60	100.00	3.20	0.60	1.33	6.78	0.00	6.78	4.000	No	Yes	2.00
366	7.30	0.63	100.00	3.17	0.59	1.33	6.99	0.00	6.99	4.000	No	Yes	2.00
367	7.32	0.66	100.00	3.15	0.59	1.32	7.23	0.00	7.23	4.000	No	Yes	2.00
368	7.34	0.67	100.00	3.15	0.59	1.32	7.37	0.00	7.37	4.000	No	Yes	2.00
369	7.36	0.67	100.00	3.16	0.59	1.32	7.48	0.00	7.48	4.000	No	Yes	2.00
370	7.38	0.67	100.00	3.18	0.59	1.32	7.53	0.00	7.53	4.000	No	Yes	2.00
371	7.40	0.68	100.00	3.20	0.59	1.32	7.58	0.00	7.58	4.000	No	Yes	2.00
372	7.42	0.68	100.00	3.21	0.59	1.31	7.63	0.00	7.63	4.000	No	Yes	2.00
373	7.44	0.69	100.00	3.22	0.59	1.31	7.87	0.00	7.87	4.000	No	Yes	2.00
374	7.46	0.69	100.00	3.23	0.59	1.31	7.94	0.00	7.94	4.000	No	Yes	2.00
375	7.48	0.69	100.00	3.24	0.59	1.31	7.84	0.00	7.84	4.000	No	Yes	2.00
376	7.50	0.68	100.00	3.26	0.59	1.31	7.98	0.00	7.98	4.000	No	Yes	2.00
377	7.52	0.67	100.00	3.28	0.59	1.31	7.58	0.00	7.58	4.000	No	Yes	2.00
378	7.54	0.66	100.00	3.29	0.59	1.30	7.56	0.00	7.56	4.000	No	Yes	2.00
379	7.56	0.66	100.00	3.29	0.59	1.30	7.55	0.00	7.55	4.000	No	Yes	2.00
380	7.58	0.66	100.00	3.29	0.59	1.30	7.55	0.00	7.55	4.000	No	Yes	2.00
381	7.60	0.66	100.00	3.29	0.59	1.30	7.55	0.00	7.55	4.000	No	Yes	2.00
382	7.62	0.67	100.00	3.27	0.59	1.30	7.64	0.00	7.64	4.000	No	Yes	2.00
383	7.64	0.69	100.00	3.26	0.59	1.29	7.83	0.00	7.83	4.000	No	Yes	2.00
384	7.66	0.70	100.00	3.24	0.59	1.29	7.91	0.00	7.91	4.000	No	Yes	2.00
385	7.68	0.70	100.00	3.23	0.59	1.29	8.01	0.00	8.01	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
386	7.70	0.70	100.00	3.23	0.59	1.29	7.94	0.00	7.94	4.000	No	Yes	2.00
387	7.72	0.70	100.00	3.23	0.59	1.29	7.93	0.00	7.93	4.000	No	Yes	2.00
388	7.74	0.70	100.00	3.23	0.59	1.29	7.93	0.00	7.93	4.000	No	Yes	2.00
389	7.76	0.70	100.00	3.23	0.59	1.28	7.93	0.00	7.93	4.000	No	Yes	2.00
390	7.78	0.71	100.00	3.22	0.59	1.28	8.06	0.00	8.06	4.000	No	Yes	2.00
391	7.80	0.72	100.00	3.22	0.59	1.28	8.05	0.00	8.05	4.000	No	Yes	2.00
392	7.82	0.74	100.00	3.21	0.59	1.28	8.33	0.00	8.33	4.000	No	Yes	2.00
393	7.84	0.77	100.00	3.19	0.59	1.28	8.66	0.00	8.66	4.000	No	Yes	2.00
394	7.86	0.80	100.00	3.17	0.59	1.27	9.15	0.00	9.15	4.000	No	Yes	2.00
395	7.88	0.82	100.00	3.16	0.58	1.27	9.48	0.00	9.48	4.000	No	Yes	2.00
396	7.90	0.82	100.00	3.16	0.58	1.27	9.38	0.00	9.38	4.000	No	Yes	2.00
397	7.92	0.81	100.00	3.17	0.59	1.27	9.25	0.00	9.25	4.000	No	Yes	2.00
398	7.94	0.80	100.00	3.18	0.59	1.27	9.00	0.00	9.00	4.000	No	Yes	2.00
399	7.96	0.79	100.00	3.19	0.59	1.27	8.91	0.00	8.91	4.000	No	Yes	2.00
400	7.98	0.80	100.00	3.19	0.59	1.26	8.90	0.00	8.90	4.000	No	Yes	2.00
401	8.00	0.80	100.00	3.19	0.59	1.26	8.91	0.00	8.91	4.000	No	Yes	2.00
402	8.02	0.80	100.00	3.19	0.59	1.26	8.92	0.00	8.92	4.000	No	Yes	2.00
403	8.04	0.82	100.00	3.18	0.59	1.26	8.96	0.00	8.96	4.000	No	Yes	2.00
404	8.06	0.84	100.00	3.17	0.58	1.26	9.40	0.00	9.40	4.000	No	Yes	2.00
405	8.08	0.87	100.00	3.15	0.58	1.25	9.65	0.00	9.65	4.000	No	Yes	2.00
406	8.10	0.88	100.00	3.16	0.58	1.25	10.18	0.00	10.18	4.000	No	Yes	2.00
407	8.12	0.89	100.00	3.15	0.58	1.25	9.88	0.00	9.88	4.000	No	Yes	2.00
408	8.14	0.89	100.00	3.16	0.58	1.25	9.98	0.00	9.98	4.000	No	Yes	2.00
409	8.16	0.90	100.00	3.15	0.58	1.25	10.08	0.00	10.08	4.000	No	Yes	2.00
410	8.18	0.89	100.00	3.15	0.58	1.25	10.03	0.00	10.03	4.000	No	Yes	2.00
411	8.20	0.88	100.00	3.15	0.58	1.25	9.79	0.00	9.79	4.000	No	Yes	2.00
412	8.22	0.87	100.00	3.15	0.58	1.24	9.60	0.00	9.60	4.000	No	Yes	2.00
413	8.24	0.85	100.00	3.16	0.58	1.24	9.48	0.00	9.48	4.000	No	Yes	2.00
414	8.26	0.84	100.00	3.17	0.59	1.24	9.18	0.00	9.18	4.000	No	Yes	2.00
415	8.28	0.84	100.00	3.17	0.59	1.24	9.13	0.00	9.13	4.000	No	Yes	2.00
416	8.30	0.83	100.00	3.17	0.59	1.24	9.08	0.00	9.08	4.000	No	Yes	2.00
417	8.32	0.83	100.00	3.17	0.59	1.24	9.04	0.00	9.04	4.000	No	Yes	2.00
418	8.34	0.82	100.00	3.17	0.59	1.24	8.92	0.00	8.92	4.000	No	Yes	2.00
419	8.36	0.81	100.00	3.18	0.59	1.24	8.54	0.00	8.54	4.000	No	Yes	2.00
420	8.38	0.80	100.00	3.18	0.59	1.23	8.52	0.00	8.52	4.000	No	Yes	2.00
421	8.40	0.81	100.00	3.18	0.59	1.23	8.51	0.00	8.51	4.000	No	Yes	2.00
422	8.42	0.81	100.00	3.18	0.59	1.23	8.51	0.00	8.51	4.000	No	Yes	2.00
423	8.44	0.81	100.00	3.18	0.59	1.23	8.51	0.00	8.51	4.000	No	Yes	2.00
424	8.46	0.83	100.00	3.18	0.59	1.23	8.59	0.00	8.59	4.000	No	Yes	2.00
425	8.48	0.86	100.00	3.17	0.59	1.23	9.09	0.00	9.09	4.000	No	Yes	2.00
426	8.50	0.89	100.00	3.17	0.58	1.22	9.41	0.00	9.41	4.000	No	Yes	2.00
427	8.52	0.91	100.00	3.17	0.58	1.22	9.54	0.00	9.54	4.000	No	Yes	2.00
428	8.54	0.93	100.00	3.17	0.58	1.22	9.77	0.00	9.77	4.000	No	Yes	2.00
429	8.56	0.93	100.00	3.17	0.58	1.22	10.07	0.00	10.07	4.000	No	Yes	2.00
430	8.58	0.94	100.00	3.17	0.58	1.22	10.19	0.00	10.19	4.000	No	Yes	2.00
431	8.60	0.94	100.00	3.18	0.58	1.21	10.51	0.00	10.51	4.000	No	Yes	2.00
432	8.62	0.95	100.00	3.17	0.58	1.21	10.53	0.00	10.53	4.000	No	Yes	2.00
433	8.64	0.94	100.00	3.18	0.58	1.21	10.65	0.00	10.65	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
434	8.66	0.93	100.00	3.19	0.58	1.21	10.44	0.00	10.44	4.000	No	Yes	2.00
435	8.68	0.92	100.00	3.20	0.58	1.21	10.17	0.00	10.17	4.000	No	Yes	2.00
436	8.70	0.91	100.00	3.21	0.58	1.21	10.32	0.00	10.32	4.000	No	Yes	2.00
437	8.72	0.91	100.00	3.22	0.58	1.21	10.03	0.00	10.03	4.000	No	Yes	2.00
438	8.74	0.90	100.00	3.23	0.58	1.20	9.88	0.00	9.88	4.000	No	Yes	2.00
439	8.76	0.90	100.00	3.23	0.58	1.20	9.97	0.00	9.97	4.000	No	Yes	2.00
440	8.78	0.90	100.00	3.23	0.58	1.20	9.84	0.00	9.84	4.000	No	Yes	2.00
441	8.80	0.89	100.00	3.23	0.58	1.20	9.80	0.00	9.80	4.000	No	Yes	2.00
442	8.82	0.90	100.00	3.23	0.58	1.20	9.76	0.00	9.76	4.000	No	Yes	2.00
443	8.84	0.89	100.00	3.23	0.58	1.20	9.88	0.00	9.88	4.000	No	Yes	2.00
444	8.86	0.90	100.00	3.23	0.58	1.20	9.70	0.00	9.70	4.000	No	Yes	2.00
445	8.88	0.89	100.00	3.22	0.58	1.19	9.69	0.00	9.69	4.000	No	Yes	2.00
446	8.90	0.90	100.00	3.21	0.58	1.19	9.68	0.00	9.68	4.000	No	Yes	2.00
447	8.92	0.90	100.00	3.21	0.58	1.19	9.67	0.00	9.67	4.000	No	Yes	2.00
448	8.94	0.91	100.00	3.20	0.58	1.19	9.66	0.00	9.66	4.000	No	Yes	2.00
449	8.96	0.93	100.00	3.19	0.58	1.19	9.78	0.00	9.78	4.000	No	Yes	2.00
450	8.98	0.96	100.00	3.17	0.58	1.19	10.18	0.00	10.18	4.000	No	Yes	2.00
451	9.00	1.01	100.00	3.15	0.58	1.18	10.65	0.00	10.65	4.000	No	Yes	2.00
452	9.02	1.05	100.00	3.13	0.58	1.18	11.07	0.00	11.07	4.000	No	Yes	2.00
453	9.04	1.09	100.00	3.12	0.58	1.18	11.51	0.00	11.51	4.000	No	Yes	2.00
454	9.06	1.13	100.00	3.10	0.57	1.18	11.96	0.00	11.96	4.000	No	Yes	2.00
455	9.08	1.18	100.00	3.07	0.57	1.18	12.24	0.00	12.24	4.000	No	Yes	2.00
456	9.10	1.22	100.00	3.05	0.57	1.17	13.00	0.00	13.00	4.000	No	Yes	2.00
457	9.12	1.26	100.00	3.02	0.57	1.17	13.23	0.00	13.23	4.000	No	Yes	2.00
458	9.14	1.28	100.00	3.01	0.57	1.17	13.53	0.00	13.53	4.000	No	Yes	2.00
459	9.16	1.30	100.00	3.01	0.57	1.17	13.57	0.00	13.57	4.000	No	Yes	2.00
460	9.18	1.32	100.00	3.01	0.57	1.17	13.90	0.00	13.90	4.000	No	Yes	2.00
461	9.20	1.34	100.00	3.01	0.57	1.17	13.83	0.00	13.83	4.000	No	Yes	2.00
462	9.22	1.37	100.00	3.00	0.57	1.16	14.10	0.00	14.10	4.000	No	Yes	2.00
463	9.24	1.42	100.00	2.99	0.56	1.16	14.83	0.00	14.83	4.000	No	Yes	2.00
464	9.26	1.46	100.00	2.98	0.56	1.16	15.29	0.00	15.29	4.000	No	Yes	2.00
465	9.28	1.48	100.00	2.97	0.56	1.16	15.41	0.00	15.41	4.000	No	Yes	2.00
466	9.30	1.47	100.00	2.98	0.56	1.16	15.54	0.00	15.54	4.000	No	Yes	2.00
467	9.32	1.44	100.00	3.00	0.56	1.16	15.10	0.00	15.10	4.000	No	Yes	2.00
468	9.34	1.40	100.00	3.02	0.57	1.16	14.42	0.00	14.42	4.000	No	Yes	2.00
469	9.36	1.36	100.00	3.04	0.57	1.16	14.18	0.00	14.18	4.000	No	Yes	2.00
470	9.38	1.32	100.00	3.06	0.57	1.15	13.85	0.00	13.85	4.000	No	Yes	2.00
471	9.40	1.28	100.00	3.08	0.57	1.15	13.33	0.00	13.33	4.000	No	Yes	2.00
472	9.42	1.25	100.00	3.10	0.57	1.15	12.99	0.00	12.99	4.000	No	Yes	2.00
473	9.44	1.23	100.00	3.11	0.57	1.15	12.92	0.00	12.92	4.000	No	Yes	2.00
474	9.46	1.22	100.00	3.12	0.57	1.15	12.82	0.00	12.82	4.000	No	Yes	2.00
475	9.48	1.21	100.00	3.12	0.57	1.15	12.69	0.00	12.69	4.000	No	Yes	2.00
476	9.50	1.20	100.00	3.13	0.57	1.15	12.56	0.00	12.56	4.000	No	Yes	2.00
477	9.52	1.20	100.00	3.13	0.57	1.15	12.55	0.00	12.55	4.000	No	Yes	2.00
478	9.54	1.20	100.00	3.14	0.57	1.14	12.54	0.00	12.54	4.000	No	Yes	2.00
479	9.56	1.20	100.00	3.15	0.57	1.14	12.53	0.00	12.53	4.000	No	Yes	2.00
480	9.58	1.21	100.00	3.16	0.57	1.14	12.53	0.00	12.53	4.000	No	Yes	2.00
481	9.60	1.21	100.00	3.17	0.57	1.14	12.62	0.00	12.62	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
482	9.62	1.22	100.00	3.16	0.57	1.14	12.52	0.00	12.52	4.000	No	Yes	2.00
483	9.64	1.22	100.00	3.16	0.57	1.14	12.68	0.00	12.68	4.000	No	Yes	2.00
484	9.66	1.22	100.00	3.16	0.57	1.14	12.55	0.00	12.55	4.000	No	Yes	2.00
485	9.68	1.23	100.00	3.15	0.57	1.14	12.64	0.00	12.64	4.000	No	Yes	2.00
486	9.70	1.25	100.00	3.13	0.57	1.13	12.78	0.00	12.78	4.000	No	Yes	2.00
487	9.72	1.27	100.00	3.10	0.57	1.13	13.07	0.00	13.07	4.000	No	Yes	2.00
488	9.74	1.29	100.00	3.07	0.57	1.13	13.39	0.00	13.39	4.000	No	Yes	2.00
489	9.76	1.29	100.00	3.05	0.57	1.13	13.26	0.00	13.26	4.000	No	Yes	2.00
490	9.78	1.29	100.00	3.03	0.57	1.13	13.06	0.00	13.06	4.000	No	Yes	2.00
491	9.80	1.29	100.00	3.03	0.57	1.13	12.96	0.00	12.96	4.000	No	Yes	2.00
492	9.82	1.29	100.00	3.02	0.57	1.13	12.93	0.00	12.93	4.000	No	Yes	2.00
493	9.84	1.29	100.00	3.02	0.57	1.12	12.92	0.00	12.92	4.000	No	Yes	2.00
494	9.86	1.29	100.00	3.02	0.57	1.12	12.91	0.00	12.91	4.000	No	Yes	2.00
495	9.88	1.29	100.00	3.02	0.57	1.12	12.91	0.00	12.91	4.000	No	Yes	2.00
496	9.90	1.30	100.00	3.01	0.57	1.12	13.00	0.00	13.00	4.000	No	Yes	2.00
497	9.92	1.32	100.00	3.00	0.57	1.12	13.21	0.00	13.21	4.000	No	Yes	2.00
498	9.94	1.35	100.00	2.99	0.57	1.12	13.37	0.00	13.37	4.000	No	Yes	2.00
499	9.96	1.40	100.00	2.97	0.57	1.12	13.61	0.00	13.61	4.000	No	Yes	2.00
500	9.98	1.45	99.68	2.96	0.57	1.12	14.39	0.00	14.39	4.000	No	Yes	2.00
501	10.00	1.50	99.21	2.95	0.56	1.11	15.04	0.00	15.04	4.000	No	Yes	2.00
502	10.02	1.53	99.88	2.96	0.56	1.11	15.28	0.00	15.28	4.000	No	Yes	2.00
503	10.04	1.57	100.00	2.97	0.56	1.11	15.47	0.00	15.47	4.000	No	Yes	2.00
504	10.06	1.60	100.00	2.97	0.56	1.11	16.12	0.00	16.12	4.000	No	Yes	2.00
505	10.08	1.63	100.00	2.98	0.56	1.11	16.36	0.00	16.36	4.000	No	Yes	2.00
506	10.10	1.63	100.00	3.00	0.56	1.11	16.52	0.00	16.52	4.000	No	Yes	2.00
507	10.12	1.59	100.00	3.02	0.56	1.10	16.42	0.00	16.42	4.000	No	Yes	2.00
508	10.14	1.53	100.00	3.05	0.56	1.10	15.87	0.00	15.87	4.000	No	Yes	2.00
509	10.16	1.46	100.00	3.08	0.56	1.10	15.20	0.00	15.20	4.000	No	Yes	2.00
510	10.18	1.40	100.00	3.11	0.57	1.10	14.44	0.00	14.44	4.000	No	Yes	2.00
511	10.20	1.33	100.00	3.14	0.57	1.10	13.82	0.00	13.82	4.000	No	Yes	2.00
512	10.22	1.28	100.00	3.16	0.57	1.10	13.17	0.00	13.17	4.000	No	Yes	2.00
513	10.24	1.25	100.00	3.17	0.57	1.10	12.75	0.00	12.75	4.000	No	Yes	2.00
514	10.26	1.23	100.00	3.17	0.57	1.10	12.58	0.00	12.58	4.000	No	Yes	2.00
515	10.28	1.23	100.00	3.17	0.57	1.10	12.41	0.00	12.41	4.000	No	Yes	2.00
516	10.30	1.22	100.00	3.16	0.57	1.10	12.32	0.00	12.32	4.000	No	Yes	2.00
517	10.32	1.20	100.00	3.16	0.57	1.10	12.03	0.00	12.03	4.000	No	Yes	2.00
518	10.34	1.16	100.00	3.16	0.58	1.09	11.71	0.00	11.71	4.000	No	Yes	2.00
519	10.36	1.11	100.00	3.17	0.58	1.09	10.86	0.00	10.86	4.000	No	Yes	2.00
520	10.38	1.07	100.00	3.16	0.58	1.09	10.54	0.00	10.54	4.000	No	Yes	2.00
521	10.40	1.06	100.00	3.13	0.58	1.09	10.48	0.00	10.48	4.000	No	Yes	2.00
522	10.42	1.06	100.00	3.09	0.58	1.09	10.42	0.00	10.42	4.000	No	Yes	2.00
523	10.44	1.06	100.00	3.05	0.58	1.09	10.47	0.00	10.47	4.000	No	Yes	2.00
524	10.46	1.06	100.00	3.02	0.58	1.09	10.36	0.00	10.36	4.000	No	Yes	2.00
525	10.48	1.06	100.00	2.99	0.58	1.09	10.35	0.00	10.35	4.000	No	Yes	2.00
526	10.50	1.07	100.00	2.98	0.58	1.09	10.34	0.00	10.34	4.000	No	Yes	2.00
527	10.52	1.07	100.00	2.98	0.58	1.09	10.33	0.00	10.33	4.000	No	Yes	2.00
528	10.54	1.08	100.00	2.97	0.58	1.09	10.33	0.00	10.33	4.000	No	Yes	2.00
529	10.56	1.14	97.86	2.94	0.58	1.08	10.42	0.00	10.42	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
530	10.58	1.23	94.22	2.89	0.58	1.08	11.86	0.00	11.86	4.000	No	Yes	2.00
531	10.60	1.32	92.50	2.87	0.57	1.08	12.65	0.00	12.65	4.000	No	Yes	2.00
532	10.62	1.37	92.25	2.87	0.57	1.08	12.91	0.00	12.91	4.000	No	Yes	2.00
533	10.64	1.42	91.66	2.86	0.57	1.08	13.33	0.00	13.33	4.000	No	Yes	2.00
534	10.66	1.47	89.41	2.83	0.57	1.08	13.97	0.00	13.97	4.000	No	Yes	2.00
535	10.68	1.49	88.34	2.82	0.57	1.08	14.60	0.00	14.60	4.000	No	Yes	2.00
536	10.70	1.45	89.62	2.83	0.57	1.08	14.04	0.00	14.04	4.000	No	Yes	2.00
537	10.72	1.39	91.59	2.86	0.57	1.07	12.99	0.00	12.99	4.000	No	Yes	2.00
538	10.74	1.33	93.18	2.88	0.57	1.07	12.64	0.00	12.64	4.000	No	Yes	2.00
539	10.76	1.31	93.33	2.88	0.58	1.07	12.31	0.00	12.31	4.000	No	Yes	2.00
540	10.78	1.29	93.32	2.88	0.58	1.07	12.10	0.00	12.10	4.000	No	Yes	2.00
541	10.80	1.28	92.91	2.87	0.58	1.07	12.06	0.00	12.06	4.000	No	Yes	2.00
542	10.82	1.29	92.45	2.87	0.58	1.07	12.04	0.00	12.04	4.000	No	Yes	2.00
543	10.84	1.29	92.16	2.86	0.58	1.07	12.04	0.00	12.04	4.000	No	Yes	2.00
544	10.86	1.30	91.97	2.86	0.58	1.07	12.03	0.00	12.03	4.000	No	Yes	2.00
545	10.88	1.30	91.84	2.86	0.58	1.07	12.03	0.00	12.03	4.000	No	Yes	2.00
546	10.90	1.33	90.55	2.84	0.58	1.07	12.06	0.00	12.06	4.000	No	Yes	2.00
547	10.92	1.37	89.17	2.83	0.57	1.07	12.84	0.00	12.84	4.000	No	Yes	2.00
548	10.94	1.38	88.81	2.82	0.57	1.06	13.01	0.00	13.01	4.000	No	Yes	2.00
549	10.96	1.37	90.51	2.84	0.58	1.06	12.50	0.00	12.50	4.000	No	Yes	2.00
550	10.98	1.34	92.87	2.87	0.57	1.06	12.41	0.00	12.41	4.000	No	Yes	2.00
551	11.00	1.37	93.53	2.88	0.57	1.06	12.40	0.00	12.40	4.000	No	Yes	2.00
552	11.02	1.44	92.66	2.87	0.57	1.06	13.58	0.00	13.58	4.000	No	Yes	2.00
553	11.04	1.60	89.23	2.83	0.57	1.06	14.77	0.00	14.77	4.000	No	Yes	2.00
554	11.06	1.92	81.95	2.74	0.56	1.06	17.15	0.00	17.15	4.000	No	Yes	2.00
555	11.08	2.28	73.58	2.63	0.54	1.05	24.04	0.00	24.04	4.000	No	Yes	2.00
556	11.10	2.58	66.91	2.55	0.53	1.05	26.94	57.86	84.80	0.120	No	No	0.54
557	11.12	2.71	63.80	2.51	0.53	1.05	27.89	57.46	85.36	0.121	No	No	0.55
558	11.14	2.64	65.17	2.53	0.53	1.05	28.01	57.80	85.81	0.121	No	No	0.55
559	11.16	2.38	70.97	2.60	0.54	1.05	24.79	58.01	82.80	0.119	No	No	0.53
560	11.18	2.12	77.77	2.68	0.55	1.05	19.81	0.00	19.81	4.000	No	Yes	2.00
561	11.20	2.00	83.02	2.75	0.55	1.05	19.69	0.00	19.69	4.000	No	Yes	2.00
562	11.22	2.05	84.16	2.76	0.55	1.05	19.70	0.00	19.70	4.000	No	Yes	2.00
563	11.24	2.11	85.36	2.78	0.55	1.05	19.71	0.00	19.71	4.000	No	Yes	2.00
564	11.26	2.19	85.04	2.78	0.55	1.05	20.08	0.00	20.08	4.000	No	Yes	2.00
565	11.28	2.18	84.98	2.77	0.54	1.04	21.85	0.00	21.85	4.000	No	Yes	2.00
566	11.30	2.14	84.59	2.77	0.55	1.04	19.80	0.00	19.80	4.000	No	Yes	2.00
567	11.32	2.04	84.83	2.77	0.55	1.04	19.00	0.00	19.00	4.000	No	Yes	2.00
568	11.34	2.02	84.30	2.77	0.55	1.04	18.94	0.00	18.94	4.000	No	Yes	2.00
569	11.36	2.02	83.66	2.76	0.55	1.04	18.92	0.00	18.92	4.000	No	Yes	2.00
570	11.38	2.02	83.49	2.76	0.55	1.04	18.91	0.00	18.91	4.000	No	Yes	2.00
571	11.40	2.03	83.25	2.75	0.55	1.04	18.89	0.00	18.89	4.000	No	Yes	2.00
572	11.42	2.07	82.38	2.74	0.55	1.04	18.90	0.00	18.90	4.000	No	Yes	2.00
573	11.44	2.11	81.69	2.73	0.55	1.04	19.50	0.00	19.50	4.000	No	Yes	2.00
574	11.46	2.17	80.96	2.72	0.55	1.04	19.39	0.00	19.39	4.000	No	Yes	2.00
575	11.48	2.24	80.52	2.72	0.55	1.03	20.40	0.00	20.40	4.000	No	Yes	2.00
576	11.50	2.29	81.46	2.73	0.55	1.03	21.40	0.00	21.40	4.000	No	Yes	2.00
577	11.52	2.31	82.99	2.75	0.55	1.03	20.87	0.00	20.87	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
578	11.54	2.31	85.19	2.78	0.55	1.03	20.94	0.00	20.94	4.000	No	Yes	2.00
579	11.56	2.36	85.42	2.78	0.55	1.03	21.18	0.00	21.18	4.000	No	Yes	2.00
580	11.58	2.40	85.50	2.78	0.54	1.03	22.13	0.00	22.13	4.000	No	Yes	2.00
581	11.60	2.43	85.05	2.78	0.54	1.03	21.87	0.00	21.87	4.000	No	Yes	2.00
582	11.62	2.41	84.95	2.77	0.54	1.03	21.75	0.00	21.75	4.000	No	Yes	2.00
583	11.64	2.37	84.93	2.77	0.54	1.03	21.63	0.00	21.63	4.000	No	Yes	2.00
584	11.66	2.33	85.12	2.78	0.55	1.03	20.86	0.00	20.86	4.000	No	Yes	2.00
585	11.68	2.30	85.42	2.78	0.55	1.02	20.66	0.00	20.66	4.000	No	Yes	2.00
586	11.70	2.30	85.41	2.78	0.55	1.02	20.63	0.00	20.63	4.000	No	Yes	2.00
587	11.72	2.30	85.34	2.78	0.55	1.02	20.63	0.00	20.63	4.000	No	Yes	2.00
588	11.74	2.34	84.79	2.77	0.55	1.02	20.64	0.00	20.64	4.000	No	Yes	2.00
589	11.76	2.38	84.66	2.77	0.54	1.02	21.72	0.00	21.72	4.000	No	Yes	2.00
590	11.78	2.42	84.99	2.77	0.54	1.02	21.67	0.00	21.67	4.000	No	Yes	2.00
591	11.80	2.41	85.86	2.79	0.54	1.02	21.64	0.00	21.64	4.000	No	Yes	2.00
592	11.82	2.41	86.61	2.80	0.54	1.02	21.61	0.00	21.61	4.000	No	Yes	2.00
593	11.84	2.41	87.02	2.80	0.54	1.02	21.59	0.00	21.59	4.000	No	Yes	2.00
594	11.86	2.41	87.41	2.81	0.54	1.02	21.57	0.00	21.57	4.000	No	Yes	2.00
595	11.88	2.42	87.47	2.81	0.54	1.01	21.56	0.00	21.56	4.000	No	Yes	2.00
596	11.90	2.46	87.27	2.80	0.54	1.01	21.93	0.00	21.93	4.000	No	Yes	2.00
597	11.92	2.50	87.43	2.81	0.54	1.01	22.61	0.00	22.61	4.000	No	Yes	2.00
598	11.94	2.54	87.68	2.81	0.54	1.01	22.72	0.00	22.72	4.000	No	Yes	2.00
599	11.96	2.52	88.90	2.82	0.54	1.01	22.92	0.00	22.92	4.000	No	Yes	2.00
600	11.98	2.44	91.03	2.85	0.54	1.01	22.38	0.00	22.38	4.000	No	Yes	2.00
601	12.00	2.26	94.46	2.89	0.54	1.01	20.68	0.00	20.68	4.000	No	Yes	2.00
602	12.02	2.03	98.68	2.95	0.55	1.01	18.36	0.00	18.36	4.000	No	Yes	2.00
603	12.04	1.81	100.00	3.00	0.56	1.01	16.16	0.00	16.16	4.000	No	Yes	2.00
604	12.06	1.60	100.00	3.06	0.56	1.01	14.89	0.00	14.89	4.000	No	Yes	2.00
605	12.08	1.41	100.00	3.11	0.57	1.01	12.39	0.00	12.39	4.000	No	Yes	2.00
606	12.10	1.25	100.00	3.15	0.58	1.00	10.76	0.00	10.76	4.000	No	Yes	2.00
607	12.12	1.17	100.00	3.17	0.58	1.00	10.35	0.00	10.35	4.000	No	Yes	2.00
608	12.14	1.15	100.00	3.17	0.58	1.00	10.14	0.00	10.14	4.000	No	Yes	2.00
609	12.16	1.14	100.00	3.17	0.58	1.00	10.10	0.00	10.10	4.000	No	Yes	2.00
610	12.18	1.15	100.00	3.17	0.58	1.00	10.09	0.00	10.09	4.000	No	Yes	2.00
611	12.20	1.15	100.00	3.17	0.58	1.00	10.08	0.00	10.08	4.000	No	Yes	2.00
612	12.22	1.17	100.00	3.16	0.58	1.00	10.12	0.00	10.12	4.000	No	Yes	2.00
613	12.24	1.20	100.00	3.15	0.58	1.00	10.24	0.00	10.24	4.000	No	Yes	2.00
614	12.26	1.41	100.00	3.02	0.58	1.00	10.84	0.00	10.84	4.000	No	Yes	2.00
615	12.28	1.56	98.82	2.95	0.56	1.00	16.35	0.00	16.35	4.000	No	Yes	2.00
616	12.30	1.67	94.47	2.89	0.57	1.00	14.60	0.00	14.60	4.000	No	Yes	2.00
617	12.32	1.57	96.95	2.92	0.57	0.99	14.03	0.00	14.03	4.000	No	Yes	2.00
618	12.34	1.50	97.30	2.93	0.57	0.99	13.49	0.00	13.49	4.000	No	Yes	2.00
619	12.36	1.44	96.35	2.92	0.57	0.99	12.67	0.00	12.67	4.000	No	Yes	2.00
620	12.38	1.37	96.09	2.91	0.58	0.99	12.12	0.00	12.12	4.000	No	Yes	2.00
621	12.40	1.31	96.69	2.92	0.58	0.99	11.33	0.00	11.33	4.000	No	Yes	2.00
622	12.42	1.28	98.15	2.94	0.58	0.99	11.07	0.00	11.07	4.000	No	Yes	2.00
623	12.44	1.27	98.41	2.94	0.58	0.99	11.03	0.00	11.03	4.000	No	Yes	2.00
624	12.46	1.27	98.16	2.94	0.58	0.99	10.98	0.00	10.98	4.000	No	Yes	2.00
625	12.48	1.28	97.90	2.94	0.58	0.99	10.99	0.00	10.99	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
626	12.50	1.28	97.60	2.93	0.58	0.99	10.91	0.00	10.91	4.000	No	Yes	2.00
627	12.52	1.27	98.21	2.94	0.58	0.99	11.06	0.00	11.06	4.000	No	Yes	2.00
628	12.54	1.25	98.69	2.95	0.58	0.99	10.46	0.00	10.46	4.000	No	Yes	2.00
629	12.56	1.21	100.00	2.96	0.58	0.99	10.36	0.00	10.36	4.000	No	Yes	2.00
630	12.58	1.19	100.00	2.97	0.58	0.98	9.89	0.00	9.89	4.000	No	Yes	2.00
631	12.60	1.17	100.00	2.98	0.58	0.98	9.89	0.00	9.89	4.000	No	Yes	2.00
632	12.62	1.18	100.00	2.98	0.58	0.98	9.88	0.00	9.88	4.000	No	Yes	2.00
633	12.64	1.18	100.00	2.98	0.58	0.98	9.87	0.00	9.87	4.000	No	Yes	2.00
634	12.66	1.21	100.00	2.97	0.58	0.98	9.90	0.00	9.90	4.000	No	Yes	2.00
635	12.68	1.26	98.89	2.95	0.58	0.98	10.27	0.00	10.27	4.000	No	Yes	2.00
636	12.70	1.33	95.91	2.91	0.58	0.98	11.00	0.00	11.00	4.000	No	Yes	2.00
637	12.72	1.37	93.97	2.89	0.58	0.98	11.66	0.00	11.66	4.000	No	Yes	2.00
638	12.74	1.38	93.97	2.89	0.58	0.98	11.38	0.00	11.38	4.000	No	Yes	2.00
639	12.76	1.37	94.68	2.90	0.58	0.98	11.30	0.00	11.30	4.000	No	Yes	2.00
640	12.78	1.36	94.90	2.90	0.58	0.98	11.23	0.00	11.23	4.000	No	Yes	2.00
641	12.80	1.36	94.67	2.90	0.58	0.98	11.22	0.00	11.22	4.000	No	Yes	2.00
642	12.82	1.35	94.74	2.90	0.58	0.98	11.15	0.00	11.15	4.000	No	Yes	2.00
643	12.84	1.35	94.87	2.90	0.58	0.97	11.05	0.00	11.05	4.000	No	Yes	2.00
644	12.86	1.35	95.00	2.90	0.58	0.97	11.03	0.00	11.03	4.000	No	Yes	2.00
645	12.88	1.35	95.03	2.90	0.58	0.97	11.01	0.00	11.01	4.000	No	Yes	2.00
646	12.90	1.35	95.05	2.90	0.58	0.97	11.00	0.00	11.00	4.000	No	Yes	2.00
647	12.92	1.35	95.13	2.90	0.58	0.97	11.00	0.00	11.00	4.000	No	Yes	2.00
648	12.94	1.35	96.03	2.91	0.58	0.97	10.99	0.00	10.99	4.000	No	Yes	2.00
649	12.96	1.36	96.74	2.92	0.58	0.97	11.03	0.00	11.03	4.000	No	Yes	2.00
650	12.98	1.41	96.27	2.92	0.58	0.97	11.21	0.00	11.21	4.000	No	Yes	2.00
651	13.00	1.47	95.57	2.91	0.57	0.97	12.20	0.00	12.20	4.000	No	Yes	2.00
652	13.02	1.56	94.87	2.90	0.57	0.97	12.46	0.00	12.46	4.000	No	Yes	2.00
653	13.04	1.64	95.14	2.90	0.57	0.97	13.36	0.00	13.36	4.000	No	Yes	2.00
654	13.06	1.72	95.45	2.91	0.57	0.97	14.25	0.00	14.25	4.000	No	Yes	2.00
655	13.08	1.79	96.03	2.91	0.57	0.97	14.65	0.00	14.65	4.000	No	Yes	2.00
656	13.10	1.85	96.61	2.92	0.56	0.97	15.27	0.00	15.27	4.000	No	Yes	2.00
657	13.12	1.90	96.95	2.92	0.56	0.96	15.84	0.00	15.84	4.000	No	Yes	2.00
658	13.14	1.94	97.22	2.93	0.56	0.96	16.24	0.00	16.24	4.000	No	Yes	2.00
659	13.16	1.97	97.44	2.93	0.56	0.96	16.40	0.00	16.40	4.000	No	Yes	2.00
660	13.18	1.98	98.09	2.94	0.56	0.96	16.82	0.00	16.82	4.000	No	Yes	2.00
661	13.20	1.98	98.74	2.95	0.56	0.96	16.49	0.00	16.49	4.000	No	Yes	2.00
662	13.22	1.97	99.79	2.96	0.56	0.96	16.59	0.00	16.59	4.000	No	Yes	2.00
663	13.24	1.97	100.00	2.97	0.56	0.96	16.48	0.00	16.48	4.000	No	Yes	2.00
664	13.26	1.98	100.00	2.97	0.56	0.96	16.53	0.00	16.53	4.000	No	Yes	2.00
665	13.28	1.99	100.00	2.97	0.56	0.96	17.06	0.00	17.06	4.000	No	Yes	2.00
666	13.30	2.01	100.00	2.96	0.55	0.96	17.49	0.00	17.49	4.000	No	Yes	2.00
667	13.32	2.02	100.00	2.96	0.55	0.96	17.61	0.00	17.61	4.000	No	Yes	2.00
668	13.34	2.01	100.00	2.97	0.55	0.96	17.48	0.00	17.48	4.000	No	Yes	2.00
669	13.36	2.00	100.00	2.98	0.56	0.96	17.35	0.00	17.35	4.000	No	Yes	2.00
670	13.38	1.96	100.00	2.99	0.56	0.95	17.31	0.00	17.31	4.000	No	Yes	2.00
671	13.40	1.90	100.00	3.02	0.56	0.95	16.62	0.00	16.62	4.000	No	Yes	2.00
672	13.42	1.81	100.00	3.04	0.56	0.95	15.73	0.00	15.73	4.000	No	Yes	2.00
673	13.44	1.72	100.00	3.07	0.56	0.95	14.84	0.00	14.84	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
674	13.46	1.64	100.00	3.10	0.57	0.95	13.96	0.00	13.96	4.000	No	Yes	2.00
675	13.48	1.56	100.00	3.13	0.57	0.95	13.52	0.00	13.52	4.000	No	Yes	2.00
676	13.50	1.50	100.00	3.14	0.57	0.95	12.56	0.00	12.56	4.000	No	Yes	2.00
677	13.52	1.45	100.00	3.15	0.57	0.95	12.15	0.00	12.15	4.000	No	Yes	2.00
678	13.54	1.43	100.00	3.14	0.57	0.95	12.17	0.00	12.17	4.000	No	Yes	2.00
679	13.56	1.43	100.00	3.13	0.57	0.95	12.04	0.00	12.04	4.000	No	Yes	2.00
680	13.58	1.42	100.00	3.13	0.57	0.94	12.00	0.00	12.00	4.000	No	Yes	2.00
681	13.60	1.40	100.00	3.13	0.57	0.94	11.94	0.00	11.94	4.000	No	Yes	2.00
682	13.62	1.38	100.00	3.13	0.58	0.94	11.57	0.00	11.57	4.000	No	Yes	2.00
683	13.64	1.36	100.00	3.14	0.58	0.94	11.47	0.00	11.47	4.000	No	Yes	2.00
684	13.66	1.35	100.00	3.14	0.58	0.94	11.36	0.00	11.36	4.000	No	Yes	2.00
685	13.68	1.35	100.00	3.15	0.58	0.94	11.35	0.00	11.35	4.000	No	Yes	2.00
686	13.70	1.35	100.00	3.15	0.58	0.94	11.34	0.00	11.34	4.000	No	Yes	2.00
687	13.72	1.35	100.00	3.15	0.58	0.94	11.35	0.00	11.35	4.000	No	Yes	2.00
688	13.74	1.36	100.00	3.14	0.58	0.94	11.37	0.00	11.37	4.000	No	Yes	2.00
689	13.76	1.37	100.00	3.15	0.58	0.94	11.48	0.00	11.48	4.000	No	Yes	2.00
690	13.78	1.39	100.00	3.14	0.58	0.94	11.51	0.00	11.51	4.000	No	Yes	2.00
691	13.80	1.42	100.00	3.13	0.58	0.94	11.88	0.00	11.88	4.000	No	Yes	2.00
692	13.82	1.45	100.00	3.12	0.57	0.94	12.18	0.00	12.18	4.000	No	Yes	2.00
693	13.84	1.46	100.00	3.12	0.57	0.93	12.27	0.00	12.27	4.000	No	Yes	2.00
694	13.86	1.47	100.00	3.14	0.57	0.93	12.27	0.00	12.27	4.000	No	Yes	2.00
695	13.88	1.48	100.00	3.14	0.57	0.93	12.26	0.00	12.26	4.000	No	Yes	2.00
696	13.90	1.50	100.00	3.14	0.57	0.93	12.49	0.00	12.49	4.000	No	Yes	2.00
697	13.92	1.54	100.00	3.14	0.57	0.93	12.96	0.00	12.96	4.000	No	Yes	2.00
698	13.94	1.57	100.00	3.14	0.57	0.93	13.16	0.00	13.16	4.000	No	Yes	2.00
699	13.96	1.58	100.00	3.15	0.57	0.93	13.17	0.00	13.17	4.000	No	Yes	2.00
700	13.98	1.59	100.00	3.15	0.57	0.93	13.39	0.00	13.39	4.000	No	Yes	2.00
701	14.00	1.59	100.00	3.16	0.57	0.93	13.33	0.00	13.33	4.000	No	Yes	2.00
702	14.02	1.59	100.00	3.16	0.57	0.93	13.25	0.00	13.25	4.000	No	Yes	2.00
703	14.04	1.58	100.00	3.17	0.57	0.93	13.24	0.00	13.24	4.000	No	Yes	2.00
704	14.06	1.57	100.00	3.17	0.57	0.93	13.18	0.00	13.18	4.000	No	Yes	2.00
705	14.08	1.56	100.00	3.17	0.57	0.93	12.97	0.00	12.97	4.000	No	Yes	2.00
706	14.10	1.55	100.00	3.17	0.57	0.93	13.07	0.00	13.07	4.000	No	Yes	2.00
707	14.12	1.54	100.00	3.17	0.57	0.92	12.88	0.00	12.88	4.000	No	Yes	2.00
708	14.14	1.53	100.00	3.18	0.57	0.92	12.65	0.00	12.65	4.000	No	Yes	2.00
709	14.16	1.52	100.00	3.18	0.57	0.92	12.63	0.00	12.63	4.000	No	Yes	2.00
710	14.18	1.52	100.00	3.18	0.57	0.92	12.62	0.00	12.62	4.000	No	Yes	2.00
711	14.20	1.51	100.00	3.19	0.57	0.92	12.61	0.00	12.61	4.000	No	Yes	2.00
712	14.22	1.52	100.00	3.19	0.57	0.92	12.60	0.00	12.60	4.000	No	Yes	2.00
713	14.24	1.52	100.00	3.20	0.57	0.92	12.68	0.00	12.68	4.000	No	Yes	2.00
714	14.26	1.53	100.00	3.20	0.57	0.92	12.77	0.00	12.77	4.000	No	Yes	2.00
715	14.28	1.54	100.00	3.20	0.57	0.92	12.87	0.00	12.87	4.000	No	Yes	2.00
716	14.30	1.55	100.00	3.20	0.57	0.92	13.03	0.00	13.03	4.000	No	Yes	2.00
717	14.32	1.54	100.00	3.21	0.57	0.92	12.98	0.00	12.98	4.000	No	Yes	2.00
718	14.34	1.52	100.00	3.22	0.57	0.92	12.75	0.00	12.75	4.000	No	Yes	2.00
719	14.36	1.48	100.00	3.24	0.57	0.91	12.46	0.00	12.46	4.000	No	Yes	2.00
720	14.38	1.43	100.00	3.26	0.57	0.91	12.19	0.00	12.19	4.000	No	Yes	2.00
721	14.40	1.37	100.00	3.28	0.58	0.91	11.51	0.00	11.51	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
722	14.42	1.32	100.00	3.29	0.58	0.91	11.17	0.00	11.17	4.000	No	Yes	2.00
723	14.44	1.28	100.00	3.30	0.58	0.91	10.90	0.00	10.90	4.000	No	Yes	2.00
724	14.46	1.25	100.00	3.30	0.58	0.91	10.46	0.00	10.46	4.000	No	Yes	2.00
725	14.48	1.23	100.00	3.30	0.58	0.91	10.32	0.00	10.32	4.000	No	Yes	2.00
726	14.50	1.23	100.00	3.29	0.58	0.91	10.30	0.00	10.30	4.000	No	Yes	2.00
727	14.52	1.23	100.00	3.29	0.58	0.91	10.29	0.00	10.29	4.000	No	Yes	2.00
728	14.54	1.23	100.00	3.28	0.58	0.91	10.29	0.00	10.29	4.000	No	Yes	2.00
729	14.56	1.26	100.00	3.26	0.58	0.91	10.33	0.00	10.33	4.000	No	Yes	2.00
730	14.58	1.29	100.00	3.25	0.58	0.91	10.99	0.00	10.99	4.000	No	Yes	2.00
731	14.60	1.31	100.00	3.24	0.58	0.91	11.00	0.00	11.00	4.000	No	Yes	2.00
732	14.62	1.30	100.00	3.25	0.58	0.90	10.83	0.00	10.83	4.000	No	Yes	2.00
733	14.64	1.28	100.00	3.26	0.58	0.90	10.69	0.00	10.69	4.000	No	Yes	2.00
734	14.66	1.28	100.00	3.25	0.58	0.90	10.53	0.00	10.53	4.000	No	Yes	2.00
735	14.68	1.27	100.00	3.25	0.58	0.90	10.73	0.00	10.73	4.000	No	Yes	2.00
736	14.70	1.25	100.00	3.25	0.58	0.90	10.28	0.00	10.28	4.000	No	Yes	2.00
737	14.72	1.22	100.00	3.26	0.58	0.90	10.01	0.00	10.01	4.000	No	Yes	2.00
738	14.74	1.21	100.00	3.25	0.58	0.90	10.02	0.00	10.02	4.000	No	Yes	2.00
739	14.76	1.22	100.00	3.23	0.58	0.90	9.93	0.00	9.93	4.000	No	Yes	2.00
740	14.78	1.21	100.00	3.21	0.58	0.90	10.19	0.00	10.19	4.000	No	Yes	2.00
741	14.80	1.18	100.00	3.22	0.58	0.90	9.87	0.00	9.87	4.000	No	Yes	2.00
742	14.82	1.12	100.00	3.23	0.59	0.90	9.12	0.00	9.12	4.000	No	Yes	2.00
743	14.84	1.08	100.00	3.23	0.59	0.90	8.78	0.00	8.78	4.000	No	Yes	2.00
744	14.86	1.05	100.00	3.21	0.59	0.89	8.56	0.00	8.56	4.000	No	Yes	2.00
745	14.88	1.04	100.00	3.19	0.59	0.89	8.45	0.00	8.45	4.000	No	Yes	2.00
746	14.90	1.04	100.00	3.17	0.59	0.89	8.42	0.00	8.42	4.000	No	Yes	2.00
747	14.92	1.04	100.00	3.16	0.59	0.89	8.40	0.00	8.40	4.000	No	Yes	2.00
748	14.94	1.05	100.00	3.16	0.59	0.89	8.39	0.00	8.39	4.000	No	Yes	2.00
749	14.96	1.06	100.00	3.15	0.59	0.89	8.46	0.00	8.46	4.000	No	Yes	2.00
750	14.98	1.07	100.00	3.14	0.59	0.89	8.53	0.00	8.53	4.000	No	Yes	2.00
751	15.00	1.09	100.00	3.13	0.59	0.89	8.59	0.00	8.59	4.000	No	Yes	2.00
752	15.02	1.13	100.00	3.10	0.59	0.89	9.02	0.00	9.02	4.000	No	Yes	2.00
753	15.04	1.18	100.00	3.08	0.58	0.89	9.37	0.00	9.37	4.000	No	Yes	2.00
754	15.06	1.22	100.00	3.06	0.58	0.89	9.62	0.00	9.62	4.000	No	Yes	2.00
755	15.08	1.25	100.00	3.06	0.58	0.89	9.99	0.00	9.99	4.000	No	Yes	2.00
756	15.10	1.26	100.00	3.05	0.58	0.89	9.87	0.00	9.87	4.000	No	Yes	2.00
757	15.12	1.26	100.00	3.06	0.58	0.89	9.93	0.00	9.93	4.000	No	Yes	2.00
758	15.14	1.25	100.00	3.06	0.58	0.89	9.87	0.00	9.87	4.000	No	Yes	2.00
759	15.16	1.23	100.00	3.07	0.58	0.89	9.47	0.00	9.47	4.000	No	Yes	2.00
760	15.18	1.21	100.00	3.09	0.58	0.89	9.43	0.00	9.43	4.000	No	Yes	2.00
761	15.20	1.21	100.00	3.09	0.58	0.89	9.42	0.00	9.42	4.000	No	Yes	2.00
762	15.22	1.22	100.00	3.08	0.58	0.88	9.53	0.00	9.53	4.000	No	Yes	2.00
763	15.24	1.25	100.00	3.06	0.58	0.88	9.65	0.00	9.65	4.000	No	Yes	2.00
764	15.26	1.30	100.00	3.01	0.58	0.88	9.89	0.00	9.89	4.000	No	Yes	2.00
765	15.28	1.32	100.00	2.99	0.58	0.88	10.97	0.00	10.97	4.000	No	Yes	2.00
766	15.30	1.31	100.00	2.98	0.58	0.88	10.11	0.00	10.11	4.000	No	Yes	2.00
767	15.32	1.25	100.00	3.01	0.58	0.88	9.61	0.00	9.61	4.000	No	Yes	2.00
768	15.34	1.22	100.00	3.01	0.58	0.88	9.47	0.00	9.47	4.000	No	Yes	2.00
769	15.36	1.22	100.00	3.00	0.58	0.88	9.40	0.00	9.40	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
770	15.38	1.21	100.00	3.00	0.58	0.88	9.39	0.00	9.39	4.000	No	Yes	2.00
771	15.40	1.22	100.00	2.99	0.58	0.88	9.39	0.00	9.39	4.000	No	Yes	2.00
772	15.42	1.24	100.00	2.98	0.58	0.88	9.40	0.00	9.40	4.000	No	Yes	2.00
773	15.44	1.27	100.00	2.97	0.58	0.88	9.75	0.00	9.75	4.000	No	Yes	2.00
774	15.46	1.31	100.00	2.97	0.58	0.88	10.01	0.00	10.01	4.000	No	Yes	2.00
775	15.48	1.39	100.00	2.98	0.58	0.88	10.23	0.00	10.23	4.000	No	Yes	2.00
776	15.50	1.56	99.82	2.96	0.58	0.88	11.54	0.00	11.54	4.000	No	Yes	2.00
777	15.52	1.77	97.03	2.93	0.57	0.88	13.99	0.00	13.99	4.000	No	Yes	2.00
778	15.54	1.91	95.90	2.91	0.56	0.88	15.12	0.00	15.12	4.000	No	Yes	2.00
779	15.56	1.94	96.91	2.92	0.56	0.88	14.97	0.00	14.97	4.000	No	Yes	2.00
780	15.58	1.92	99.17	2.95	0.56	0.88	14.97	0.00	14.97	4.000	No	Yes	2.00
781	15.60	1.92	98.37	2.94	0.56	0.88	14.98	0.00	14.98	4.000	No	Yes	2.00
782	15.62	2.14	90.91	2.85	0.57	0.88	15.00	0.00	15.00	4.000	No	Yes	2.00
783	15.64	2.59	77.88	2.69	0.55	0.88	20.48	0.00	20.48	4.000	No	Yes	2.00
784	15.66	3.14	67.25	2.55	0.53	0.88	26.90	57.92	84.81	0.120	No	No	0.59
785	15.68	3.36	63.57	2.51	0.53	0.88	30.27	58.08	88.35	0.124	No	No	0.61
786	15.70	3.36	64.62	2.52	0.53	0.88	27.52	57.54	85.06	0.121	No	No	0.59
787	15.72	3.26	67.89	2.56	0.53	0.88	27.52	58.23	85.75	0.121	No	No	0.60
788	15.74	3.27	68.89	2.57	0.53	0.88	27.51	58.42	85.93	0.122	No	No	0.60
789	15.76	3.31	68.95	2.57	0.53	0.88	27.52	58.43	85.96	0.122	No	No	0.60
790	15.78	3.42	67.86	2.56	0.53	0.88	27.99	58.36	86.35	0.122	No	No	0.60
791	15.80	3.35	69.73	2.58	0.52	0.88	30.24	59.37	89.61	0.125	No	No	0.62
792	15.82	3.07	75.21	2.65	0.53	0.88	25.67	0.00	25.67	4.000	No	Yes	2.00
793	15.84	2.64	83.76	2.76	0.55	0.87	21.00	0.00	21.00	4.000	No	Yes	2.00
794	15.86	2.38	88.78	2.82	0.55	0.87	18.63	0.00	18.63	4.000	No	Yes	2.00
795	15.88	2.35	88.35	2.82	0.55	0.87	18.53	0.00	18.53	4.000	No	Yes	2.00
796	15.90	2.35	87.13	2.80	0.55	0.87	19.03	0.00	19.03	4.000	No	Yes	2.00
797	15.92	2.35	87.33	2.80	0.56	0.87	18.04	0.00	18.04	4.000	No	Yes	2.00
798	15.94	2.30	89.04	2.83	0.56	0.87	18.04	0.00	18.04	4.000	No	Yes	2.00
799	15.96	2.31	90.02	2.84	0.56	0.87	18.04	0.00	18.04	4.000	No	Yes	2.00
800	15.98	2.37	89.22	2.83	0.55	0.87	18.37	0.00	18.37	4.000	No	Yes	2.00
801	16.00	2.47	86.70	2.80	0.55	0.87	19.19	0.00	19.19	4.000	No	Yes	2.00
802	16.02	2.67	81.51	2.73	0.55	0.87	20.88	0.00	20.88	4.000	No	Yes	2.00
803	16.04	2.82	78.39	2.69	0.54	0.87	23.95	0.00	23.95	4.000	No	Yes	2.00
804	16.06	2.77	79.29	2.70	0.54	0.87	23.83	0.00	23.83	4.000	No	Yes	2.00
805	16.08	2.54	84.20	2.76	0.55	0.87	20.40	0.00	20.40	4.000	No	Yes	2.00
806	16.10	2.29	90.47	2.84	0.55	0.86	18.36	0.00	18.36	4.000	No	Yes	2.00
807	16.12	2.15	94.50	2.89	0.56	0.86	17.22	0.00	17.22	4.000	No	Yes	2.00
808	16.14	2.07	98.69	2.95	0.56	0.86	16.88	0.00	16.88	4.000	No	Yes	2.00
809	16.16	1.99	100.00	2.98	0.56	0.86	16.13	0.00	16.13	4.000	No	Yes	2.00
810	16.18	1.92	100.00	3.00	0.56	0.86	15.29	0.00	15.29	4.000	No	Yes	2.00
811	16.20	1.88	100.00	3.00	0.56	0.86	14.88	0.00	14.88	4.000	No	Yes	2.00
812	16.22	1.87	100.00	3.00	0.56	0.86	14.82	0.00	14.82	4.000	No	Yes	2.00
813	16.24	1.89	100.00	2.99	0.56	0.86	14.76	0.00	14.76	4.000	No	Yes	2.00
814	16.26	1.89	100.00	2.96	0.56	0.86	14.81	0.00	14.81	4.000	No	Yes	2.00
815	16.28	1.85	99.21	2.95	0.56	0.86	14.72	0.00	14.72	4.000	No	Yes	2.00
816	16.30	1.78	99.48	2.96	0.57	0.86	13.48	0.00	13.48	4.000	No	Yes	2.00
817	16.32	1.71	100.00	2.97	0.57	0.85	12.92	0.00	12.92	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
818	16.34	1.69	100.00	2.98	0.57	0.85	12.88	0.00	12.88	4.000	No	Yes	2.00
819	16.36	1.70	100.00	2.98	0.57	0.85	12.87	0.00	12.87	4.000	No	Yes	2.00
820	16.38	1.71	100.00	2.98	0.57	0.85	12.90	0.00	12.90	4.000	No	Yes	2.00
821	16.40	1.74	100.00	2.98	0.57	0.85	12.93	0.00	12.93	4.000	No	Yes	2.00
822	16.42	1.87	99.05	2.95	0.57	0.85	13.31	0.00	13.31	4.000	No	Yes	2.00
823	16.44	2.13	93.20	2.88	0.56	0.85	15.69	0.00	15.69	4.000	No	Yes	2.00
824	16.46	2.38	86.32	2.79	0.55	0.85	18.94	0.00	18.94	4.000	No	Yes	2.00
825	16.48	2.44	83.91	2.76	0.55	0.85	20.12	0.00	20.12	4.000	No	Yes	2.00
826	16.50	2.26	86.97	2.80	0.56	0.85	17.72	0.00	17.72	4.000	No	Yes	2.00
827	16.52	2.03	92.92	2.87	0.56	0.85	15.22	0.00	15.22	4.000	No	Yes	2.00
828	16.54	1.86	97.84	2.94	0.57	0.85	14.38	0.00	14.38	4.000	No	Yes	2.00
829	16.56	1.82	98.87	2.95	0.57	0.85	13.53	0.00	13.53	4.000	No	Yes	2.00
830	16.58	1.79	99.50	2.96	0.57	0.85	14.06	0.00	14.06	4.000	No	Yes	2.00
831	16.60	1.76	99.97	2.96	0.57	0.85	13.51	0.00	13.51	4.000	No	Yes	2.00
832	16.62	1.68	100.00	2.99	0.57	0.85	12.70	0.00	12.70	4.000	No	Yes	2.00
833	16.64	1.59	100.00	3.03	0.57	0.84	12.17	0.00	12.17	4.000	No	Yes	2.00
834	16.66	1.52	100.00	3.06	0.58	0.84	11.28	0.00	11.28	4.000	No	Yes	2.00
835	16.68	1.47	100.00	3.09	0.58	0.84	11.01	0.00	11.01	4.000	No	Yes	2.00
836	16.70	1.45	100.00	3.10	0.58	0.84	10.87	0.00	10.87	4.000	No	Yes	2.00
837	16.72	1.45	100.00	3.12	0.58	0.84	10.85	0.00	10.85	4.000	No	Yes	2.00
838	16.74	1.45	100.00	3.13	0.58	0.84	10.85	0.00	10.85	4.000	No	Yes	2.00
839	16.76	1.45	100.00	3.14	0.58	0.84	10.85	0.00	10.85	4.000	No	Yes	2.00
840	16.78	1.48	100.00	3.13	0.58	0.84	10.87	0.00	10.87	4.000	No	Yes	2.00
841	16.80	1.50	100.00	3.12	0.58	0.84	11.35	0.00	11.35	4.000	No	Yes	2.00
842	16.82	1.52	100.00	3.12	0.58	0.84	11.34	0.00	11.34	4.000	No	Yes	2.00
843	16.84	1.51	100.00	3.12	0.58	0.84	11.24	0.00	11.24	4.000	No	Yes	2.00
844	16.86	1.49	100.00	3.12	0.58	0.84	11.03	0.00	11.03	4.000	No	Yes	2.00
845	16.88	1.47	100.00	3.12	0.58	0.84	10.88	0.00	10.88	4.000	No	Yes	2.00
846	16.90	1.45	100.00	3.12	0.58	0.84	10.74	0.00	10.74	4.000	No	Yes	2.00
847	16.92	1.44	100.00	3.13	0.58	0.84	10.55	0.00	10.55	4.000	No	Yes	2.00
848	16.94	1.43	100.00	3.13	0.58	0.83	10.36	0.00	10.36	4.000	No	Yes	2.00
849	16.96	1.42	100.00	3.13	0.58	0.83	10.55	0.00	10.55	4.000	No	Yes	2.00
850	16.98	1.41	100.00	3.13	0.58	0.83	10.33	0.00	10.33	4.000	No	Yes	2.00
851	17.00	1.38	100.00	3.15	0.58	0.83	10.12	0.00	10.12	4.000	No	Yes	2.00
852	17.02	1.35	100.00	3.17	0.58	0.83	9.74	0.00	9.74	4.000	No	Yes	2.00
853	17.04	1.31	100.00	3.19	0.58	0.83	9.53	0.00	9.53	4.000	No	Yes	2.00
854	17.06	1.29	100.00	3.20	0.59	0.83	9.16	0.00	9.16	4.000	No	Yes	2.00
855	17.08	1.28	100.00	3.21	0.59	0.83	9.15	0.00	9.15	4.000	No	Yes	2.00
856	17.10	1.28	100.00	3.22	0.59	0.83	9.20	0.00	9.20	4.000	No	Yes	2.00
857	17.12	1.28	100.00	3.23	0.59	0.83	9.12	0.00	9.12	4.000	No	Yes	2.00
858	17.14	1.27	100.00	3.24	0.59	0.83	9.03	0.00	9.03	4.000	No	Yes	2.00
859	17.16	1.27	100.00	3.24	0.59	0.83	9.03	0.00	9.03	4.000	No	Yes	2.00
860	17.18	1.27	100.00	3.24	0.59	0.83	9.03	0.00	9.03	4.000	No	Yes	2.00
861	17.20	1.27	100.00	3.23	0.59	0.83	9.03	0.00	9.03	4.000	No	Yes	2.00
862	17.22	1.28	100.00	3.23	0.59	0.83	9.07	0.00	9.07	4.000	No	Yes	2.00
863	17.24	1.29	100.00	3.22	0.59	0.83	9.14	0.00	9.14	4.000	No	Yes	2.00
864	17.26	1.30	100.00	3.21	0.59	0.82	9.14	0.00	9.14	4.000	No	Yes	2.00
865	17.28	1.29	100.00	3.21	0.59	0.82	9.15	0.00	9.15	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
866	17.30	1.28	100.00	3.22	0.59	0.82	8.81	0.00	8.81	4.000	No	Yes	2.00
867	17.32	1.26	100.00	3.22	0.59	0.82	8.80	0.00	8.80	4.000	No	Yes	2.00
868	17.34	1.26	100.00	3.22	0.59	0.82	8.79	0.00	8.79	4.000	No	Yes	2.00
869	17.36	1.26	100.00	3.21	0.59	0.82	8.78	0.00	8.78	4.000	No	Yes	2.00
870	17.38	1.27	100.00	3.21	0.59	0.82	8.86	0.00	8.86	4.000	No	Yes	2.00
871	17.40	1.27	100.00	3.21	0.59	0.82	8.94	0.00	8.94	4.000	No	Yes	2.00
872	17.42	1.28	100.00	3.20	0.59	0.82	8.85	0.00	8.85	4.000	No	Yes	2.00
873	17.44	1.28	100.00	3.20	0.59	0.82	8.92	0.00	8.92	4.000	No	Yes	2.00
874	17.46	1.29	100.00	3.20	0.59	0.82	8.96	0.00	8.96	4.000	No	Yes	2.00
875	17.48	1.30	100.00	3.20	0.59	0.82	9.16	0.00	9.16	4.000	No	Yes	2.00
876	17.50	1.32	100.00	3.20	0.59	0.82	9.19	0.00	9.19	4.000	No	Yes	2.00
877	17.52	1.33	100.00	3.20	0.59	0.82	9.29	0.00	9.29	4.000	No	Yes	2.00
878	17.54	1.34	100.00	3.20	0.58	0.82	9.34	0.00	9.34	4.000	No	Yes	2.00
879	17.56	1.33	100.00	3.21	0.58	0.82	9.39	0.00	9.39	4.000	No	Yes	2.00
880	17.58	1.32	100.00	3.22	0.59	0.82	9.26	0.00	9.26	4.000	No	Yes	2.00
881	17.60	1.31	100.00	3.22	0.59	0.82	9.14	0.00	9.14	4.000	No	Yes	2.00
882	17.62	1.30	100.00	3.22	0.59	0.82	9.13	0.00	9.13	4.000	No	Yes	2.00
883	17.64	1.30	100.00	3.22	0.59	0.82	9.11	0.00	9.11	4.000	No	Yes	2.00
884	17.66	1.30	100.00	3.21	0.59	0.81	9.08	0.00	9.08	4.000	No	Yes	2.00
885	17.68	1.30	100.00	3.20	0.59	0.81	9.07	0.00	9.07	4.000	No	Yes	2.00
886	17.70	1.30	100.00	3.19	0.59	0.81	9.07	0.00	9.07	4.000	No	Yes	2.00
887	17.72	1.30	100.00	3.19	0.59	0.81	9.06	0.00	9.06	4.000	No	Yes	2.00
888	17.74	1.30	100.00	3.19	0.59	0.81	9.06	0.00	9.06	4.000	No	Yes	2.00
889	17.76	1.32	100.00	3.18	0.59	0.81	9.13	0.00	9.13	4.000	No	Yes	2.00
890	17.78	1.35	100.00	3.17	0.58	0.81	9.52	0.00	9.52	4.000	No	Yes	2.00
891	17.80	1.38	100.00	3.18	0.58	0.81	9.67	0.00	9.67	4.000	No	Yes	2.00
892	17.82	1.38	100.00	3.21	0.58	0.81	9.55	0.00	9.55	4.000	No	Yes	2.00
893	17.84	1.36	100.00	3.24	0.58	0.81	9.46	0.00	9.46	4.000	No	Yes	2.00
894	17.86	1.35	100.00	3.26	0.58	0.81	9.36	0.00	9.36	4.000	No	Yes	2.00
895	17.88	1.33	100.00	3.28	0.58	0.81	9.33	0.00	9.33	4.000	No	Yes	2.00
896	17.90	1.31	100.00	3.30	0.59	0.81	9.10	0.00	9.10	4.000	No	Yes	2.00
897	17.92	1.29	100.00	3.31	0.59	0.81	8.84	0.00	8.84	4.000	No	Yes	2.00
898	17.94	1.28	100.00	3.30	0.59	0.81	8.84	0.00	8.84	4.000	No	Yes	2.00
899	17.96	1.27	100.00	3.29	0.59	0.81	8.83	0.00	8.83	4.000	No	Yes	2.00
900	17.98	1.27	100.00	3.27	0.59	0.81	8.77	0.00	8.77	4.000	No	Yes	2.00
901	18.00	1.26	100.00	3.25	0.59	0.81	8.74	0.00	8.74	4.000	No	Yes	2.00
902	18.02	1.27	100.00	3.24	0.59	0.81	8.73	0.00	8.73	4.000	No	Yes	2.00
903	18.04	1.27	100.00	3.23	0.59	0.80	8.78	0.00	8.78	4.000	No	Yes	2.00
904	18.06	1.32	100.00	3.20	0.59	0.80	8.83	0.00	8.83	4.000	No	Yes	2.00
905	18.08	1.42	100.00	3.15	0.58	0.80	9.74	0.00	9.74	4.000	No	Yes	2.00
906	18.10	1.61	100.00	3.05	0.58	0.81	10.72	0.00	10.72	4.000	No	Yes	2.00
907	18.12	1.84	98.46	2.94	0.57	0.81	13.05	0.00	13.05	4.000	No	Yes	2.00
908	18.14	2.09	90.28	2.84	0.57	0.81	14.83	0.00	14.83	4.000	No	Yes	2.00
909	18.16	2.27	84.73	2.77	0.56	0.81	16.77	0.00	16.77	4.000	No	Yes	2.00
910	18.18	2.33	83.02	2.75	0.56	0.81	17.74	0.00	17.74	4.000	No	Yes	2.00
911	18.20	2.27	84.43	2.77	0.56	0.81	16.90	0.00	16.90	4.000	No	Yes	2.00
912	18.22	2.16	87.10	2.80	0.56	0.81	15.85	0.00	15.85	4.000	No	Yes	2.00
913	18.24	2.09	89.00	2.82	0.56	0.81	15.40	0.00	15.40	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)													
Point ID	Depth (m)	q _t (MPa)	FC (%)	I _c	m	C _N	q _{c1N}	Δq _{c1N}	q _{c1N,cs}	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
914	18.26	2.07	89.22	2.83	0.57	0.81	14.94	0.00	14.94	4.000	No	Yes	2.00
915	18.28	1.99	91.18	2.85	0.56	0.81	15.46	0.00	15.46	4.000	No	Yes	2.00
916	18.30	1.89	94.13	2.89	0.57	0.80	13.69	0.00	13.69	4.000	No	Yes	2.00
917	18.32	1.76	98.03	2.94	0.57	0.80	12.63	0.00	12.63	4.000	No	Yes	2.00
918	18.34	1.72	99.25	2.95	0.57	0.80	12.41	0.00	12.41	4.000	No	Yes	2.00
919	18.36	1.66	100.00	2.98	0.57	0.80	12.67	0.00	12.67	4.000	No	Yes	2.00
920	18.38	1.57	100.00	3.02	0.58	0.80	11.13	0.00	11.13	4.000	No	Yes	2.00
921	18.40	1.47	100.00	3.07	0.58	0.80	10.31	0.00	10.31	4.000	No	Yes	2.00
922	18.42	1.44	100.00	3.09	0.58	0.80	10.30	0.00	10.30	4.000	No	Yes	2.00
923	18.44	1.43	100.00	3.09	0.58	0.80	10.30	0.00	10.30	4.000	No	Yes	2.00
924	18.46	1.41	100.00	3.09	0.58	0.80	9.93	0.00	9.93	4.000	No	Yes	2.00
925	18.48	1.38	100.00	3.09	0.58	0.80	9.80	0.00	9.80	4.000	No	Yes	2.00
926	18.50	1.34	100.00	3.10	0.58	0.79	9.53	0.00	9.53	4.000	No	Yes	2.00
927	18.52	1.31	100.00	3.11	0.59	0.79	9.09	0.00	9.09	4.000	No	Yes	2.00
928	18.54	1.29	100.00	3.12	0.59	0.79	9.02	0.00	9.02	4.000	No	Yes	2.00
929	18.56	1.29	100.00	3.12	0.59	0.79	9.00	0.00	9.00	4.000	No	Yes	2.00
930	18.58	1.29	100.00	3.12	0.59	0.79	8.99	0.00	8.99	4.000	No	Yes	2.00
931	18.60	1.29	100.00	3.12	0.59	0.79	8.98	0.00	8.98	4.000	No	Yes	2.00
932	18.62	1.30	100.00	3.12	0.59	0.79	8.98	0.00	8.98	4.000	No	Yes	2.00
933	18.64	1.30	100.00	3.12	0.59	0.79	8.98	0.00	8.98	4.000	No	Yes	2.00
934	18.66	1.31	100.00	3.11	0.59	0.79	8.99	0.00	8.99	4.000	No	Yes	2.00
935	18.68	1.30	100.00	3.11	0.59	0.79	9.06	0.00	9.06	4.000	No	Yes	2.00
936	18.70	1.28	100.00	3.11	0.59	0.79	8.81	0.00	8.81	4.000	No	Yes	2.00
937	18.72	1.25	100.00	3.13	0.59	0.79	8.60	0.00	8.60	4.000	No	Yes	2.00
938	18.74	1.22	100.00	3.15	0.59	0.79	8.24	0.00	8.24	4.000	No	Yes	2.00
939	18.76	1.21	100.00	3.16	0.59	0.79	8.23	0.00	8.23	4.000	No	Yes	2.00
940	18.78	1.21	100.00	3.17	0.59	0.79	8.23	0.00	8.23	4.000	No	Yes	2.00
941	18.80	1.21	100.00	3.17	0.59	0.79	8.22	0.00	8.22	4.000	No	Yes	2.00
942	18.82	1.23	100.00	3.18	0.59	0.79	8.22	0.00	8.22	4.000	No	Yes	2.00
943	18.84	1.26	100.00	3.19	0.59	0.79	8.55	0.00	8.55	4.000	No	Yes	2.00
944	18.86	1.31	100.00	3.20	0.59	0.79	8.80	0.00	8.80	4.000	No	Yes	2.00
945	18.88	1.37	100.00	3.19	0.59	0.79	9.13	0.00	9.13	4.000	No	Yes	2.00
946	18.90	1.45	100.00	3.19	0.58	0.79	9.85	0.00	9.85	4.000	No	Yes	2.00
947	18.92	1.52	100.00	3.18	0.58	0.79	10.33	0.00	10.33	4.000	No	Yes	2.00
948	18.94	1.57	100.00	3.19	0.58	0.79	10.77	0.00	10.77	4.000	No	Yes	2.00
949	18.96	1.62	100.00	3.19	0.58	0.79	10.95	0.00	10.95	4.000	No	Yes	2.00
950	18.98	1.66	100.00	3.19	0.58	0.79	11.62	0.00	11.62	4.000	No	Yes	2.00
951	19.00	1.71	100.00	3.18	0.58	0.79	11.87	0.00	11.87	4.000	No	Yes	2.00
952	19.02	1.74	100.00	3.18	0.57	0.79	12.22	0.00	12.22	4.000	No	Yes	2.00
953	19.04	1.79	100.00	3.16	0.57	0.79	12.51	0.00	12.51	4.000	No	Yes	2.00
954	19.06	1.83	100.00	3.15	0.57	0.79	12.89	0.00	12.89	4.000	No	Yes	2.00
955	19.08	1.88	100.00	3.13	0.57	0.79	13.24	0.00	13.24	4.000	No	Yes	2.00
956	19.10	1.94	100.00	3.11	0.57	0.79	13.60	0.00	13.60	4.000	No	Yes	2.00
957	19.12	2.01	100.00	3.09	0.57	0.79	14.15	0.00	14.15	4.000	No	Yes	2.00
958	19.14	2.10	100.00	3.06	0.56	0.79	14.94	0.00	14.94	4.000	No	Yes	2.00
959	19.16	2.17	100.00	3.05	0.56	0.79	15.36	0.00	15.36	4.000	No	Yes	2.00
960	19.18	2.23	100.00	3.05	0.56	0.79	15.66	0.00	15.66	4.000	No	Yes	2.00
961	19.20	2.26	100.00	3.05	0.56	0.79	16.04	0.00	16.04	4.000	No	Yes	2.00

:: Cyclic Resistance Ratio (CRR) calculation data :: (continued)

Point ID	Depth (m)	q_t (MPa)	FC (%)	I_c	m	C_N	q_{c1N}	Δq_{c1N}	$q_{c1N,cs}$	CRR _{7.5}	Belongs to trans. layer	Clay-like behaviour	FS
962	19.22	2.27	100.00	3.05	0.56	0.79	15.97	0.00	15.97	4.000	No	Yes	2.00
963	19.24	2.27	100.00	3.05	0.56	0.79	15.83	0.00	15.83	4.000	No	Yes	2.00
964	19.26	2.27	100.00	3.05	0.56	0.79	15.80	0.00	15.80	4.000	No	Yes	2.00
965	19.28	2.28	100.00	3.05	0.56	0.78	15.77	0.00	15.77	4.000	No	Yes	2.00
966	19.30	2.27	100.00	3.06	0.56	0.78	15.91	0.00	15.91	4.000	No	Yes	2.00
967	19.32	2.25	100.00	3.06	0.56	0.78	15.56	0.00	15.56	4.000	No	Yes	2.00
968	19.34	2.22	100.00	3.08	0.56	0.78	15.38	0.00	15.38	4.000	No	Yes	2.00
969	19.36	2.19	100.00	3.09	0.56	0.78	15.13	0.00	15.13	4.000	No	Yes	2.00
970	19.38	2.15	100.00	3.10	0.56	0.78	14.87	0.00	14.87	4.000	No	Yes	2.00
971	19.40	2.10	100.00	3.11	0.57	0.78	14.52	0.00	14.52	4.000	No	Yes	2.00
972	19.42	2.06	100.00	3.11	0.57	0.78	14.10	0.00	14.10	4.000	No	Yes	2.00
973	19.44	2.04	100.00	3.11	0.57	0.78	14.01	0.00	14.01	4.000	No	Yes	2.00
974	19.46	2.03	100.00	3.11	0.57	0.78	14.00	0.00	14.00	4.000	No	Yes	2.00
975	19.48	2.03	100.00	3.10	0.57	0.78	13.99	0.00	13.99	4.000	No	Yes	2.00
976	19.50	2.03	100.00	3.10	0.57	0.78	13.98	0.00	13.98	4.000	No	Yes	2.00
977	19.52	2.05	100.00	3.09	0.57	0.78	14.05	0.00	14.05	4.000	No	Yes	2.00
978	19.54	2.09	100.00	3.07	0.57	0.78	14.21	0.00	14.21	4.000	No	Yes	2.00
979	19.56	2.13	100.00	3.06	0.56	0.78	14.84	0.00	14.84	4.000	No	Yes	2.00
980	19.58	2.18	100.00	3.04	0.56	0.78	14.99	0.00	14.99	4.000	No	Yes	2.00
981	19.60	2.18	100.00	3.03	0.56	0.78	15.07	0.00	15.07	4.000	No	Yes	2.00
982	19.62	2.15	100.00	3.03	0.56	0.78	14.90	0.00	14.90	4.000	No	Yes	2.00
983	19.64	2.09	100.00	3.05	0.57	0.77	14.31	0.00	14.31	4.000	No	Yes	2.00
984	19.66	2.02	100.00	3.07	0.57	0.77	13.76	0.00	13.76	4.000	No	Yes	2.00
985	19.68	1.98	100.00	3.08	0.57	0.77	13.40	0.00	13.40	4.000	No	Yes	2.00
986	19.70	1.96	100.00	3.09	0.57	0.77	13.46	0.00	13.46	4.000	No	Yes	2.00
987	19.72	1.95	100.00	3.09	0.57	0.77	13.25	0.00	13.25	4.000	No	Yes	2.00
988	19.74	1.92	100.00	3.10	0.57	0.77	13.03	0.00	13.03	4.000	No	Yes	2.00
989	19.76	1.92	100.00	3.10	0.57	0.77	12.93	0.00	12.93	4.000	No	Yes	2.00
990	19.78	1.91	100.00	3.09	0.57	0.77	13.14	0.00	13.14	4.000	No	Yes	2.00
991	19.80	1.89	100.00	3.08	0.57	0.77	12.74	0.00	12.74	4.000	No	Yes	2.00
992	19.82	1.86	100.00	3.07	0.57	0.77	12.47	0.00	12.47	4.000	No	Yes	2.00
993	19.84	1.84	100.00	3.06	0.57	0.77	12.37	0.00	12.37	4.000	No	Yes	2.00
994	19.86	1.84	100.00	3.04	0.57	0.77	12.36	0.00	12.36	4.000	No	Yes	2.00
995	19.88	1.84	100.00	3.02	0.57	0.77	12.35	0.00	12.35	4.000	No	Yes	2.00
996	19.90	1.84	100.00	3.01	0.57	0.77	12.34	0.00	12.34	4.000	No	Yes	2.00

Abbreviations

Depth:	Depth from free surface, at which CPT was performed (m)
q_t :	Total cone resistance
FC:	Fines content (%)
I_c :	Soil behavior type index
m:	Stress exponent
C_N :	Overburden correction factor
q_{c1N} :	Normalized and adjusted cone resistance
Δq_{c1N} :	Cone resistance correction factor due to fines
$q_{c1N,cs}$:	Normalized and adjusted cone resistance
CRR _{7.5} :	Cyclic resistance ratio for $M_w=7.5$
FS:	Factor of safety against soil liquefaction

:: Liquefaction Potential Index calculation data ::											
Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
0.02	2.00	0.00	9.99	0.02	0.00	0.04	2.00	0.00	9.98	0.02	0.00
0.06	2.00	0.00	9.97	0.02	0.00	0.08	2.00	0.00	9.96	0.02	0.00
0.10	2.00	0.00	9.95	0.02	0.00	0.12	2.00	0.00	9.94	0.02	0.00
0.14	2.00	0.00	9.93	0.02	0.00	0.16	2.00	0.00	9.92	0.02	0.00
0.18	2.00	0.00	9.91	0.02	0.00	0.20	2.00	0.00	9.90	0.02	0.00
0.22	2.00	0.00	9.89	0.02	0.00	0.24	2.00	0.00	9.88	0.02	0.00
0.26	2.00	0.00	9.87	0.02	0.00	0.28	2.00	0.00	9.86	0.02	0.00
0.30	2.00	0.00	9.85	0.02	0.00	0.32	2.00	0.00	9.84	0.02	0.00
0.34	2.00	0.00	9.83	0.02	0.00	0.36	2.00	0.00	9.82	0.02	0.00
0.38	2.00	0.00	9.81	0.02	0.00	0.40	2.00	0.00	9.80	0.02	0.00
0.42	2.00	0.00	9.79	0.02	0.00	0.44	2.00	0.00	9.78	0.02	0.00
0.46	2.00	0.00	9.77	0.02	0.00	0.48	2.00	0.00	9.76	0.02	0.00
0.50	2.00	0.00	9.75	0.02	0.00	0.52	2.00	0.00	9.74	0.02	0.00
0.54	2.00	0.00	9.73	0.02	0.00	0.56	2.00	0.00	9.72	0.02	0.00
0.58	2.00	0.00	9.71	0.02	0.00	0.60	2.00	0.00	9.70	0.02	0.00
0.62	2.00	0.00	9.69	0.02	0.00	0.64	2.00	0.00	9.68	0.02	0.00
0.66	2.00	0.00	9.67	0.02	0.00	0.68	2.00	0.00	9.66	0.02	0.00
0.70	2.00	0.00	9.65	0.02	0.00	0.72	2.00	0.00	9.64	0.02	0.00
0.74	2.00	0.00	9.63	0.02	0.00	0.76	2.00	0.00	9.62	0.02	0.00
0.78	2.00	0.00	9.61	0.02	0.00	0.80	2.00	0.00	9.60	0.02	0.00
0.82	2.00	0.00	9.59	0.02	0.00	0.84	2.00	0.00	9.58	0.02	0.00
0.86	2.00	0.00	9.57	0.02	0.00	0.88	2.00	0.00	9.56	0.02	0.00
0.90	2.00	0.00	9.55	0.02	0.00	0.92	2.00	0.00	9.54	0.02	0.00
0.94	2.00	0.00	9.53	0.02	0.00	0.96	2.00	0.00	9.52	0.02	0.00
0.98	2.00	0.00	9.51	0.02	0.00	1.00	2.00	0.00	9.50	0.02	0.00
1.02	2.00	0.00	9.49	0.02	0.00	1.04	2.00	0.00	9.48	0.02	0.00
1.06	2.00	0.00	9.47	0.02	0.00	1.08	2.00	0.00	9.46	0.02	0.00
1.10	2.00	0.00	9.45	0.02	0.00	1.12	2.00	0.00	9.44	0.02	0.00
1.14	2.00	0.00	9.43	0.02	0.00	1.16	2.00	0.00	9.42	0.02	0.00
1.18	2.00	0.00	9.41	0.02	0.00	1.20	2.00	0.00	9.40	0.02	0.00
1.22	2.00	0.00	9.39	0.02	0.00	1.24	2.00	0.00	9.38	0.02	0.00
1.26	2.00	0.00	9.37	0.02	0.00	1.28	2.00	0.00	9.36	0.02	0.00
1.30	2.00	0.00	9.35	0.02	0.00	1.32	2.00	0.00	9.34	0.02	0.00
1.34	2.00	0.00	9.33	0.02	0.00	1.36	2.00	0.00	9.32	0.02	0.00
1.38	2.00	0.00	9.31	0.02	0.00	1.40	2.00	0.00	9.30	0.02	0.00
1.42	2.00	0.00	9.29	0.02	0.00	1.44	2.00	0.00	9.28	0.02	0.00
1.46	2.00	0.00	9.27	0.02	0.00	1.48	2.00	0.00	9.26	0.02	0.00
1.50	2.00	0.00	9.25	0.02	0.00	1.52	1.09	0.00	9.24	0.02	0.00
1.54	1.09	0.00	9.23	0.02	0.00	1.56	1.09	0.00	9.22	0.02	0.00
1.58	1.07	0.00	9.21	0.02	0.00	1.60	1.08	0.00	9.20	0.02	0.00
1.62	1.07	0.00	9.19	0.02	0.00	1.64	1.05	0.00	9.18	0.02	0.00
1.66	1.01	0.00	9.17	0.02	0.00	1.68	0.97	0.03	9.16	0.02	0.01
1.70	0.92	0.08	9.15	0.02	0.01	1.72	0.85	0.15	9.14	0.02	0.03
1.74	2.00	0.00	9.13	0.02	0.00	1.76	2.00	0.00	9.12	0.02	0.00
1.78	2.00	0.00	9.11	0.02	0.00	1.80	2.00	0.00	9.10	0.02	0.00
1.82	2.00	0.00	9.09	0.02	0.00	1.84	2.00	0.00	9.08	0.02	0.00
1.86	2.00	0.00	9.07	0.02	0.00	1.88	2.00	0.00	9.06	0.02	0.00
1.90	2.00	0.00	9.05	0.02	0.00	1.92	2.00	0.00	9.04	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
1.94	2.00	0.00	9.03	0.02	0.00	1.96	2.00	0.00	9.02	0.02	0.00
1.98	2.00	0.00	9.01	0.02	0.00	2.00	2.00	0.00	9.00	0.02	0.00
2.02	2.00	0.00	8.99	0.02	0.00	2.04	2.00	0.00	8.98	0.02	0.00
2.06	2.00	0.00	8.97	0.02	0.00	2.08	2.00	0.00	8.96	0.02	0.00
2.10	2.00	0.00	8.95	0.02	0.00	2.12	2.00	0.00	8.94	0.02	0.00
2.14	2.00	0.00	8.93	0.02	0.00	2.16	2.00	0.00	8.92	0.02	0.00
2.18	2.00	0.00	8.91	0.02	0.00	2.20	2.00	0.00	8.90	0.02	0.00
2.22	2.00	0.00	8.89	0.02	0.00	2.24	2.00	0.00	8.88	0.02	0.00
2.26	2.00	0.00	8.87	0.02	0.00	2.28	2.00	0.00	8.86	0.02	0.00
2.30	2.00	0.00	8.85	0.02	0.00	2.32	2.00	0.00	8.84	0.02	0.00
2.34	2.00	0.00	8.83	0.02	0.00	2.36	2.00	0.00	8.82	0.02	0.00
2.38	2.00	0.00	8.81	0.02	0.00	2.40	2.00	0.00	8.80	0.02	0.00
2.42	2.00	0.00	8.79	0.02	0.00	2.44	2.00	0.00	8.78	0.02	0.00
2.46	2.00	0.00	8.77	0.02	0.00	2.48	2.00	0.00	8.76	0.02	0.00
2.50	2.00	0.00	8.75	0.02	0.00	2.52	2.00	0.00	8.74	0.02	0.00
2.54	2.00	0.00	8.73	0.02	0.00	2.56	2.00	0.00	8.72	0.02	0.00
2.58	2.00	0.00	8.71	0.02	0.00	2.60	2.00	0.00	8.70	0.02	0.00
2.62	2.00	0.00	8.69	0.02	0.00	2.64	2.00	0.00	8.68	0.02	0.00
2.66	2.00	0.00	8.67	0.02	0.00	2.68	2.00	0.00	8.66	0.02	0.00
2.70	2.00	0.00	8.65	0.02	0.00	2.72	2.00	0.00	8.64	0.02	0.00
2.74	2.00	0.00	8.63	0.02	0.00	2.76	2.00	0.00	8.62	0.02	0.00
2.78	2.00	0.00	8.61	0.02	0.00	2.80	2.00	0.00	8.60	0.02	0.00
2.82	2.00	0.00	8.59	0.02	0.00	2.84	2.00	0.00	8.58	0.02	0.00
2.86	2.00	0.00	8.57	0.02	0.00	2.88	2.00	0.00	8.56	0.02	0.00
2.90	2.00	0.00	8.55	0.02	0.00	2.92	2.00	0.00	8.54	0.02	0.00
2.94	2.00	0.00	8.53	0.02	0.00	2.96	2.00	0.00	8.52	0.02	0.00
2.98	2.00	0.00	8.51	0.02	0.00	3.00	2.00	0.00	8.50	0.02	0.00
3.02	2.00	0.00	8.49	0.02	0.00	3.04	2.00	0.00	8.48	0.02	0.00
3.06	2.00	0.00	8.47	0.02	0.00	3.08	2.00	0.00	8.46	0.02	0.00
3.10	2.00	0.00	8.45	0.02	0.00	3.12	2.00	0.00	8.44	0.02	0.00
3.14	2.00	0.00	8.43	0.02	0.00	3.16	2.00	0.00	8.42	0.02	0.00
3.18	2.00	0.00	8.41	0.02	0.00	3.20	2.00	0.00	8.40	0.02	0.00
3.22	2.00	0.00	8.39	0.02	0.00	3.24	2.00	0.00	8.38	0.02	0.00
3.26	2.00	0.00	8.37	0.02	0.00	3.28	2.00	0.00	8.36	0.02	0.00
3.30	2.00	0.00	8.35	0.02	0.00	3.32	2.00	0.00	8.34	0.02	0.00
3.34	2.00	0.00	8.33	0.02	0.00	3.36	2.00	0.00	8.32	0.02	0.00
3.38	2.00	0.00	8.31	0.02	0.00	3.40	2.00	0.00	8.30	0.02	0.00
3.42	2.00	0.00	8.29	0.02	0.00	3.44	2.00	0.00	8.28	0.02	0.00
3.46	2.00	0.00	8.27	0.02	0.00	3.48	2.00	0.00	8.26	0.02	0.00
3.50	2.00	0.00	8.25	0.02	0.00	3.52	2.00	0.00	8.24	0.02	0.00
3.54	2.00	0.00	8.23	0.02	0.00	3.56	2.00	0.00	8.22	0.02	0.00
3.58	2.00	0.00	8.21	0.02	0.00	3.60	2.00	0.00	8.20	0.02	0.00
3.62	2.00	0.00	8.19	0.02	0.00	3.64	2.00	0.00	8.18	0.02	0.00
3.66	2.00	0.00	8.17	0.02	0.00	3.68	2.00	0.00	8.16	0.02	0.00
3.70	2.00	0.00	8.15	0.02	0.00	3.72	2.00	0.00	8.14	0.02	0.00
3.74	2.00	0.00	8.13	0.02	0.00	3.76	2.00	0.00	8.12	0.02	0.00
3.78	2.00	0.00	8.11	0.02	0.00	3.80	2.00	0.00	8.10	0.02	0.00
3.82	2.00	0.00	8.09	0.02	0.00	3.84	2.00	0.00	8.08	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
3.86	2.00	0.00	8.07	0.02	0.00	3.88	2.00	0.00	8.06	0.02	0.00
3.90	2.00	0.00	8.05	0.02	0.00	3.92	2.00	0.00	8.04	0.02	0.00
3.94	2.00	0.00	8.03	0.02	0.00	3.96	2.00	0.00	8.02	0.02	0.00
3.98	2.00	0.00	8.01	0.02	0.00	4.00	2.00	0.00	8.00	0.02	0.00
4.02	2.00	0.00	7.99	0.02	0.00	4.04	2.00	0.00	7.98	0.02	0.00
4.06	2.00	0.00	7.97	0.02	0.00	4.08	2.00	0.00	7.96	0.02	0.00
4.10	2.00	0.00	7.95	0.02	0.00	4.12	2.00	0.00	7.94	0.02	0.00
4.14	2.00	0.00	7.93	0.02	0.00	4.16	2.00	0.00	7.92	0.02	0.00
4.18	2.00	0.00	7.91	0.02	0.00	4.20	2.00	0.00	7.90	0.02	0.00
4.22	2.00	0.00	7.89	0.02	0.00	4.24	2.00	0.00	7.88	0.02	0.00
4.26	2.00	0.00	7.87	0.02	0.00	4.28	2.00	0.00	7.86	0.02	0.00
4.30	2.00	0.00	7.85	0.02	0.00	4.32	2.00	0.00	7.84	0.02	0.00
4.34	2.00	0.00	7.83	0.02	0.00	4.36	2.00	0.00	7.82	0.02	0.00
4.38	2.00	0.00	7.81	0.02	0.00	4.40	2.00	0.00	7.80	0.02	0.00
4.42	2.00	0.00	7.79	0.02	0.00	4.44	2.00	0.00	7.78	0.02	0.00
4.46	2.00	0.00	7.77	0.02	0.00	4.48	2.00	0.00	7.76	0.02	0.00
4.50	2.00	0.00	7.75	0.02	0.00	4.52	2.00	0.00	7.74	0.02	0.00
4.54	2.00	0.00	7.73	0.02	0.00	4.56	2.00	0.00	7.72	0.02	0.00
4.58	2.00	0.00	7.71	0.02	0.00	4.60	2.00	0.00	7.70	0.02	0.00
4.62	2.00	0.00	7.69	0.02	0.00	4.64	2.00	0.00	7.68	0.02	0.00
4.66	2.00	0.00	7.67	0.02	0.00	4.68	2.00	0.00	7.66	0.02	0.00
4.70	2.00	0.00	7.65	0.02	0.00	4.72	2.00	0.00	7.64	0.02	0.00
4.74	2.00	0.00	7.63	0.02	0.00	4.76	2.00	0.00	7.62	0.02	0.00
4.78	2.00	0.00	7.61	0.02	0.00	4.80	2.00	0.00	7.60	0.02	0.00
4.82	2.00	0.00	7.59	0.02	0.00	4.84	2.00	0.00	7.58	0.02	0.00
4.86	2.00	0.00	7.57	0.02	0.00	4.88	2.00	0.00	7.56	0.02	0.00
4.90	2.00	0.00	7.55	0.02	0.00	4.92	2.00	0.00	7.54	0.02	0.00
4.94	2.00	0.00	7.53	0.02	0.00	4.96	2.00	0.00	7.52	0.02	0.00
4.98	2.00	0.00	7.51	0.02	0.00	5.00	2.00	0.00	7.50	0.02	0.00
5.02	2.00	0.00	7.49	0.02	0.00	5.04	2.00	0.00	7.48	0.02	0.00
5.06	2.00	0.00	7.47	0.02	0.00	5.08	2.00	0.00	7.46	0.02	0.00
5.10	0.58	0.42	7.45	0.02	0.06	5.12	0.59	0.41	7.44	0.02	0.06
5.14	0.61	0.39	7.43	0.02	0.06	5.16	0.63	0.37	7.42	0.02	0.06
5.18	0.64	0.36	7.41	0.02	0.05	5.20	0.63	0.37	7.40	0.02	0.05
5.22	0.63	0.37	7.39	0.02	0.06	5.24	0.62	0.38	7.38	0.02	0.06
5.26	0.60	0.40	7.37	0.02	0.06	5.28	0.59	0.41	7.36	0.02	0.06
5.30	0.53	0.47	7.35	0.02	0.07	5.32	0.51	0.49	7.34	0.02	0.07
5.34	0.49	0.51	7.33	0.02	0.07	5.36	0.49	0.51	7.32	0.02	0.08
5.38	0.48	0.52	7.31	0.02	0.08	5.40	0.49	0.51	7.30	0.02	0.08
5.42	0.49	0.51	7.29	0.02	0.07	5.44	0.50	0.50	7.28	0.02	0.07
5.46	0.51	0.49	7.27	0.02	0.07	5.48	0.52	0.48	7.26	0.02	0.07
5.50	0.55	0.45	7.25	0.02	0.06	5.52	0.58	0.42	7.24	0.02	0.06
5.54	0.59	0.41	7.23	0.02	0.06	5.56	0.59	0.41	7.22	0.02	0.06
5.58	0.59	0.41	7.21	0.02	0.06	5.60	0.58	0.42	7.20	0.02	0.06
5.62	0.57	0.43	7.19	0.02	0.06	5.64	0.56	0.44	7.18	0.02	0.06
5.66	0.52	0.48	7.17	0.02	0.07	5.68	2.00	0.00	7.16	0.02	0.00
5.70	2.00	0.00	7.15	0.02	0.00	5.72	2.00	0.00	7.14	0.02	0.00
5.74	2.00	0.00	7.13	0.02	0.00	5.76	2.00	0.00	7.12	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
5.78	2.00	0.00	7.11	0.02	0.00	5.80	2.00	0.00	7.10	0.02	0.00
5.82	0.54	0.46	7.09	0.02	0.07	5.84	0.54	0.46	7.08	0.02	0.07
5.86	0.55	0.45	7.07	0.02	0.06	5.88	0.54	0.46	7.06	0.02	0.06
5.90	0.54	0.46	7.05	0.02	0.07	5.92	0.53	0.47	7.04	0.02	0.07
5.94	0.51	0.49	7.03	0.02	0.07	5.96	2.00	0.00	7.02	0.02	0.00
5.98	2.00	0.00	7.01	0.02	0.00	6.00	2.00	0.00	7.00	0.02	0.00
6.02	2.00	0.00	6.99	0.02	0.00	6.04	2.00	0.00	6.98	0.02	0.00
6.06	2.00	0.00	6.97	0.02	0.00	6.08	2.00	0.00	6.96	0.02	0.00
6.10	2.00	0.00	6.95	0.02	0.00	6.12	2.00	0.00	6.94	0.02	0.00
6.14	2.00	0.00	6.93	0.02	0.00	6.16	2.00	0.00	6.92	0.02	0.00
6.18	2.00	0.00	6.91	0.02	0.00	6.20	2.00	0.00	6.90	0.02	0.00
6.22	2.00	0.00	6.89	0.02	0.00	6.24	2.00	0.00	6.88	0.02	0.00
6.26	2.00	0.00	6.87	0.02	0.00	6.28	2.00	0.00	6.86	0.02	0.00
6.30	2.00	0.00	6.85	0.02	0.00	6.32	2.00	0.00	6.84	0.02	0.00
6.34	2.00	0.00	6.83	0.02	0.00	6.36	2.00	0.00	6.82	0.02	0.00
6.38	2.00	0.00	6.81	0.02	0.00	6.40	2.00	0.00	6.80	0.02	0.00
6.42	2.00	0.00	6.79	0.02	0.00	6.44	2.00	0.00	6.78	0.02	0.00
6.46	2.00	0.00	6.77	0.02	0.00	6.48	2.00	0.00	6.76	0.02	0.00
6.50	2.00	0.00	6.75	0.02	0.00	6.52	2.00	0.00	6.74	0.02	0.00
6.54	2.00	0.00	6.73	0.02	0.00	6.56	2.00	0.00	6.72	0.02	0.00
6.58	2.00	0.00	6.71	0.02	0.00	6.60	2.00	0.00	6.70	0.02	0.00
6.62	2.00	0.00	6.69	0.02	0.00	6.64	2.00	0.00	6.68	0.02	0.00
6.66	2.00	0.00	6.67	0.02	0.00	6.68	2.00	0.00	6.66	0.02	0.00
6.70	2.00	0.00	6.65	0.02	0.00	6.72	2.00	0.00	6.64	0.02	0.00
6.74	2.00	0.00	6.63	0.02	0.00	6.76	2.00	0.00	6.62	0.02	0.00
6.78	2.00	0.00	6.61	0.02	0.00	6.80	2.00	0.00	6.60	0.02	0.00
6.82	2.00	0.00	6.59	0.02	0.00	6.84	2.00	0.00	6.58	0.02	0.00
6.86	2.00	0.00	6.57	0.02	0.00	6.88	2.00	0.00	6.56	0.02	0.00
6.90	2.00	0.00	6.55	0.02	0.00	6.92	2.00	0.00	6.54	0.02	0.00
6.94	2.00	0.00	6.53	0.02	0.00	6.96	2.00	0.00	6.52	0.02	0.00
6.98	2.00	0.00	6.51	0.02	0.00	7.00	2.00	0.00	6.50	0.02	0.00
7.02	2.00	0.00	6.49	0.02	0.00	7.04	2.00	0.00	6.48	0.02	0.00
7.06	2.00	0.00	6.47	0.02	0.00	7.08	2.00	0.00	6.46	0.02	0.00
7.10	2.00	0.00	6.45	0.02	0.00	7.12	2.00	0.00	6.44	0.02	0.00
7.14	2.00	0.00	6.43	0.02	0.00	7.16	2.00	0.00	6.42	0.02	0.00
7.18	2.00	0.00	6.41	0.02	0.00	7.20	2.00	0.00	6.40	0.02	0.00
7.22	2.00	0.00	6.39	0.02	0.00	7.24	2.00	0.00	6.38	0.02	0.00
7.26	2.00	0.00	6.37	0.02	0.00	7.28	2.00	0.00	6.36	0.02	0.00
7.30	2.00	0.00	6.35	0.02	0.00	7.32	2.00	0.00	6.34	0.02	0.00
7.34	2.00	0.00	6.33	0.02	0.00	7.36	2.00	0.00	6.32	0.02	0.00
7.38	2.00	0.00	6.31	0.02	0.00	7.40	2.00	0.00	6.30	0.02	0.00
7.42	2.00	0.00	6.29	0.02	0.00	7.44	2.00	0.00	6.28	0.02	0.00
7.46	2.00	0.00	6.27	0.02	0.00	7.48	2.00	0.00	6.26	0.02	0.00
7.50	2.00	0.00	6.25	0.02	0.00	7.52	2.00	0.00	6.24	0.02	0.00
7.54	2.00	0.00	6.23	0.02	0.00	7.56	2.00	0.00	6.22	0.02	0.00
7.58	2.00	0.00	6.21	0.02	0.00	7.60	2.00	0.00	6.20	0.02	0.00
7.62	2.00	0.00	6.19	0.02	0.00	7.64	2.00	0.00	6.18	0.02	0.00
7.66	2.00	0.00	6.17	0.02	0.00	7.68	2.00	0.00	6.16	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
7.70	2.00	0.00	6.15	0.02	0.00	7.72	2.00	0.00	6.14	0.02	0.00
7.74	2.00	0.00	6.13	0.02	0.00	7.76	2.00	0.00	6.12	0.02	0.00
7.78	2.00	0.00	6.11	0.02	0.00	7.80	2.00	0.00	6.10	0.02	0.00
7.82	2.00	0.00	6.09	0.02	0.00	7.84	2.00	0.00	6.08	0.02	0.00
7.86	2.00	0.00	6.07	0.02	0.00	7.88	2.00	0.00	6.06	0.02	0.00
7.90	2.00	0.00	6.05	0.02	0.00	7.92	2.00	0.00	6.04	0.02	0.00
7.94	2.00	0.00	6.03	0.02	0.00	7.96	2.00	0.00	6.02	0.02	0.00
7.98	2.00	0.00	6.01	0.02	0.00	8.00	2.00	0.00	6.00	0.02	0.00
8.02	2.00	0.00	5.99	0.02	0.00	8.04	2.00	0.00	5.98	0.02	0.00
8.06	2.00	0.00	5.97	0.02	0.00	8.08	2.00	0.00	5.96	0.02	0.00
8.10	2.00	0.00	5.95	0.02	0.00	8.12	2.00	0.00	5.94	0.02	0.00
8.14	2.00	0.00	5.93	0.02	0.00	8.16	2.00	0.00	5.92	0.02	0.00
8.18	2.00	0.00	5.91	0.02	0.00	8.20	2.00	0.00	5.90	0.02	0.00
8.22	2.00	0.00	5.89	0.02	0.00	8.24	2.00	0.00	5.88	0.02	0.00
8.26	2.00	0.00	5.87	0.02	0.00	8.28	2.00	0.00	5.86	0.02	0.00
8.30	2.00	0.00	5.85	0.02	0.00	8.32	2.00	0.00	5.84	0.02	0.00
8.34	2.00	0.00	5.83	0.02	0.00	8.36	2.00	0.00	5.82	0.02	0.00
8.38	2.00	0.00	5.81	0.02	0.00	8.40	2.00	0.00	5.80	0.02	0.00
8.42	2.00	0.00	5.79	0.02	0.00	8.44	2.00	0.00	5.78	0.02	0.00
8.46	2.00	0.00	5.77	0.02	0.00	8.48	2.00	0.00	5.76	0.02	0.00
8.50	2.00	0.00	5.75	0.02	0.00	8.52	2.00	0.00	5.74	0.02	0.00
8.54	2.00	0.00	5.73	0.02	0.00	8.56	2.00	0.00	5.72	0.02	0.00
8.58	2.00	0.00	5.71	0.02	0.00	8.60	2.00	0.00	5.70	0.02	0.00
8.62	2.00	0.00	5.69	0.02	0.00	8.64	2.00	0.00	5.68	0.02	0.00
8.66	2.00	0.00	5.67	0.02	0.00	8.68	2.00	0.00	5.66	0.02	0.00
8.70	2.00	0.00	5.65	0.02	0.00	8.72	2.00	0.00	5.64	0.02	0.00
8.74	2.00	0.00	5.63	0.02	0.00	8.76	2.00	0.00	5.62	0.02	0.00
8.78	2.00	0.00	5.61	0.02	0.00	8.80	2.00	0.00	5.60	0.02	0.00
8.82	2.00	0.00	5.59	0.02	0.00	8.84	2.00	0.00	5.58	0.02	0.00
8.86	2.00	0.00	5.57	0.02	0.00	8.88	2.00	0.00	5.56	0.02	0.00
8.90	2.00	0.00	5.55	0.02	0.00	8.92	2.00	0.00	5.54	0.02	0.00
8.94	2.00	0.00	5.53	0.02	0.00	8.96	2.00	0.00	5.52	0.02	0.00
8.98	2.00	0.00	5.51	0.02	0.00	9.00	2.00	0.00	5.50	0.02	0.00
9.02	2.00	0.00	5.49	0.02	0.00	9.04	2.00	0.00	5.48	0.02	0.00
9.06	2.00	0.00	5.47	0.02	0.00	9.08	2.00	0.00	5.46	0.02	0.00
9.10	2.00	0.00	5.45	0.02	0.00	9.12	2.00	0.00	5.44	0.02	0.00
9.14	2.00	0.00	5.43	0.02	0.00	9.16	2.00	0.00	5.42	0.02	0.00
9.18	2.00	0.00	5.41	0.02	0.00	9.20	2.00	0.00	5.40	0.02	0.00
9.22	2.00	0.00	5.39	0.02	0.00	9.24	2.00	0.00	5.38	0.02	0.00
9.26	2.00	0.00	5.37	0.02	0.00	9.28	2.00	0.00	5.36	0.02	0.00
9.30	2.00	0.00	5.35	0.02	0.00	9.32	2.00	0.00	5.34	0.02	0.00
9.34	2.00	0.00	5.33	0.02	0.00	9.36	2.00	0.00	5.32	0.02	0.00
9.38	2.00	0.00	5.31	0.02	0.00	9.40	2.00	0.00	5.30	0.02	0.00
9.42	2.00	0.00	5.29	0.02	0.00	9.44	2.00	0.00	5.28	0.02	0.00
9.46	2.00	0.00	5.27	0.02	0.00	9.48	2.00	0.00	5.26	0.02	0.00
9.50	2.00	0.00	5.25	0.02	0.00	9.52	2.00	0.00	5.24	0.02	0.00
9.54	2.00	0.00	5.23	0.02	0.00	9.56	2.00	0.00	5.22	0.02	0.00
9.58	2.00	0.00	5.21	0.02	0.00	9.60	2.00	0.00	5.20	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
9.62	2.00	0.00	5.19	0.02	0.00	9.64	2.00	0.00	5.18	0.02	0.00
9.66	2.00	0.00	5.17	0.02	0.00	9.68	2.00	0.00	5.16	0.02	0.00
9.70	2.00	0.00	5.15	0.02	0.00	9.72	2.00	0.00	5.14	0.02	0.00
9.74	2.00	0.00	5.13	0.02	0.00	9.76	2.00	0.00	5.12	0.02	0.00
9.78	2.00	0.00	5.11	0.02	0.00	9.80	2.00	0.00	5.10	0.02	0.00
9.82	2.00	0.00	5.09	0.02	0.00	9.84	2.00	0.00	5.08	0.02	0.00
9.86	2.00	0.00	5.07	0.02	0.00	9.88	2.00	0.00	5.06	0.02	0.00
9.90	2.00	0.00	5.05	0.02	0.00	9.92	2.00	0.00	5.04	0.02	0.00
9.94	2.00	0.00	5.03	0.02	0.00	9.96	2.00	0.00	5.02	0.02	0.00
9.98	2.00	0.00	5.01	0.02	0.00	10.00	2.00	0.00	5.00	0.02	0.00
10.02	2.00	0.00	4.99	0.02	0.00	10.04	2.00	0.00	4.98	0.02	0.00
10.06	2.00	0.00	4.97	0.02	0.00	10.08	2.00	0.00	4.96	0.02	0.00
10.10	2.00	0.00	4.95	0.02	0.00	10.12	2.00	0.00	4.94	0.02	0.00
10.14	2.00	0.00	4.93	0.02	0.00	10.16	2.00	0.00	4.92	0.02	0.00
10.18	2.00	0.00	4.91	0.02	0.00	10.20	2.00	0.00	4.90	0.02	0.00
10.22	2.00	0.00	4.89	0.02	0.00	10.24	2.00	0.00	4.88	0.02	0.00
10.26	2.00	0.00	4.87	0.02	0.00	10.28	2.00	0.00	4.86	0.02	0.00
10.30	2.00	0.00	4.85	0.02	0.00	10.32	2.00	0.00	4.84	0.02	0.00
10.34	2.00	0.00	4.83	0.02	0.00	10.36	2.00	0.00	4.82	0.02	0.00
10.38	2.00	0.00	4.81	0.02	0.00	10.40	2.00	0.00	4.80	0.02	0.00
10.42	2.00	0.00	4.79	0.02	0.00	10.44	2.00	0.00	4.78	0.02	0.00
10.46	2.00	0.00	4.77	0.02	0.00	10.48	2.00	0.00	4.76	0.02	0.00
10.50	2.00	0.00	4.75	0.02	0.00	10.52	2.00	0.00	4.74	0.02	0.00
10.54	2.00	0.00	4.73	0.02	0.00	10.56	2.00	0.00	4.72	0.02	0.00
10.58	2.00	0.00	4.71	0.02	0.00	10.60	2.00	0.00	4.70	0.02	0.00
10.62	2.00	0.00	4.69	0.02	0.00	10.64	2.00	0.00	4.68	0.02	0.00
10.66	2.00	0.00	4.67	0.02	0.00	10.68	2.00	0.00	4.66	0.02	0.00
10.70	2.00	0.00	4.65	0.02	0.00	10.72	2.00	0.00	4.64	0.02	0.00
10.74	2.00	0.00	4.63	0.02	0.00	10.76	2.00	0.00	4.62	0.02	0.00
10.78	2.00	0.00	4.61	0.02	0.00	10.80	2.00	0.00	4.60	0.02	0.00
10.82	2.00	0.00	4.59	0.02	0.00	10.84	2.00	0.00	4.58	0.02	0.00
10.86	2.00	0.00	4.57	0.02	0.00	10.88	2.00	0.00	4.56	0.02	0.00
10.90	2.00	0.00	4.55	0.02	0.00	10.92	2.00	0.00	4.54	0.02	0.00
10.94	2.00	0.00	4.53	0.02	0.00	10.96	2.00	0.00	4.52	0.02	0.00
10.98	2.00	0.00	4.51	0.02	0.00	11.00	2.00	0.00	4.50	0.02	0.00
11.02	2.00	0.00	4.49	0.02	0.00	11.04	2.00	0.00	4.48	0.02	0.00
11.06	2.00	0.00	4.47	0.02	0.00	11.08	2.00	0.00	4.46	0.02	0.00
11.10	0.54	0.46	4.45	0.02	0.04	11.12	0.55	0.45	4.44	0.02	0.04
11.14	0.55	0.45	4.43	0.02	0.04	11.16	0.53	0.47	4.42	0.02	0.04
11.18	2.00	0.00	4.41	0.02	0.00	11.20	2.00	0.00	4.40	0.02	0.00
11.22	2.00	0.00	4.39	0.02	0.00	11.24	2.00	0.00	4.38	0.02	0.00
11.26	2.00	0.00	4.37	0.02	0.00	11.28	2.00	0.00	4.36	0.02	0.00
11.30	2.00	0.00	4.35	0.02	0.00	11.32	2.00	0.00	4.34	0.02	0.00
11.34	2.00	0.00	4.33	0.02	0.00	11.36	2.00	0.00	4.32	0.02	0.00
11.38	2.00	0.00	4.31	0.02	0.00	11.40	2.00	0.00	4.30	0.02	0.00
11.42	2.00	0.00	4.29	0.02	0.00	11.44	2.00	0.00	4.28	0.02	0.00
11.46	2.00	0.00	4.27	0.02	0.00	11.48	2.00	0.00	4.26	0.02	0.00
11.50	2.00	0.00	4.25	0.02	0.00	11.52	2.00	0.00	4.24	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
11.54	2.00	0.00	4.23	0.02	0.00	11.56	2.00	0.00	4.22	0.02	0.00
11.58	2.00	0.00	4.21	0.02	0.00	11.60	2.00	0.00	4.20	0.02	0.00
11.62	2.00	0.00	4.19	0.02	0.00	11.64	2.00	0.00	4.18	0.02	0.00
11.66	2.00	0.00	4.17	0.02	0.00	11.68	2.00	0.00	4.16	0.02	0.00
11.70	2.00	0.00	4.15	0.02	0.00	11.72	2.00	0.00	4.14	0.02	0.00
11.74	2.00	0.00	4.13	0.02	0.00	11.76	2.00	0.00	4.12	0.02	0.00
11.78	2.00	0.00	4.11	0.02	0.00	11.80	2.00	0.00	4.10	0.02	0.00
11.82	2.00	0.00	4.09	0.02	0.00	11.84	2.00	0.00	4.08	0.02	0.00
11.86	2.00	0.00	4.07	0.02	0.00	11.88	2.00	0.00	4.06	0.02	0.00
11.90	2.00	0.00	4.05	0.02	0.00	11.92	2.00	0.00	4.04	0.02	0.00
11.94	2.00	0.00	4.03	0.02	0.00	11.96	2.00	0.00	4.02	0.02	0.00
11.98	2.00	0.00	4.01	0.02	0.00	12.00	2.00	0.00	4.00	0.02	0.00
12.02	2.00	0.00	3.99	0.02	0.00	12.04	2.00	0.00	3.98	0.02	0.00
12.06	2.00	0.00	3.97	0.02	0.00	12.08	2.00	0.00	3.96	0.02	0.00
12.10	2.00	0.00	3.95	0.02	0.00	12.12	2.00	0.00	3.94	0.02	0.00
12.14	2.00	0.00	3.93	0.02	0.00	12.16	2.00	0.00	3.92	0.02	0.00
12.18	2.00	0.00	3.91	0.02	0.00	12.20	2.00	0.00	3.90	0.02	0.00
12.22	2.00	0.00	3.89	0.02	0.00	12.24	2.00	0.00	3.88	0.02	0.00
12.26	2.00	0.00	3.87	0.02	0.00	12.28	2.00	0.00	3.86	0.02	0.00
12.30	2.00	0.00	3.85	0.02	0.00	12.32	2.00	0.00	3.84	0.02	0.00
12.34	2.00	0.00	3.83	0.02	0.00	12.36	2.00	0.00	3.82	0.02	0.00
12.38	2.00	0.00	3.81	0.02	0.00	12.40	2.00	0.00	3.80	0.02	0.00
12.42	2.00	0.00	3.79	0.02	0.00	12.44	2.00	0.00	3.78	0.02	0.00
12.46	2.00	0.00	3.77	0.02	0.00	12.48	2.00	0.00	3.76	0.02	0.00
12.50	2.00	0.00	3.75	0.02	0.00	12.52	2.00	0.00	3.74	0.02	0.00
12.54	2.00	0.00	3.73	0.02	0.00	12.56	2.00	0.00	3.72	0.02	0.00
12.58	2.00	0.00	3.71	0.02	0.00	12.60	2.00	0.00	3.70	0.02	0.00
12.62	2.00	0.00	3.69	0.02	0.00	12.64	2.00	0.00	3.68	0.02	0.00
12.66	2.00	0.00	3.67	0.02	0.00	12.68	2.00	0.00	3.66	0.02	0.00
12.70	2.00	0.00	3.65	0.02	0.00	12.72	2.00	0.00	3.64	0.02	0.00
12.74	2.00	0.00	3.63	0.02	0.00	12.76	2.00	0.00	3.62	0.02	0.00
12.78	2.00	0.00	3.61	0.02	0.00	12.80	2.00	0.00	3.60	0.02	0.00
12.82	2.00	0.00	3.59	0.02	0.00	12.84	2.00	0.00	3.58	0.02	0.00
12.86	2.00	0.00	3.57	0.02	0.00	12.88	2.00	0.00	3.56	0.02	0.00
12.90	2.00	0.00	3.55	0.02	0.00	12.92	2.00	0.00	3.54	0.02	0.00
12.94	2.00	0.00	3.53	0.02	0.00	12.96	2.00	0.00	3.52	0.02	0.00
12.98	2.00	0.00	3.51	0.02	0.00	13.00	2.00	0.00	3.50	0.02	0.00
13.02	2.00	0.00	3.49	0.02	0.00	13.04	2.00	0.00	3.48	0.02	0.00
13.06	2.00	0.00	3.47	0.02	0.00	13.08	2.00	0.00	3.46	0.02	0.00
13.10	2.00	0.00	3.45	0.02	0.00	13.12	2.00	0.00	3.44	0.02	0.00
13.14	2.00	0.00	3.43	0.02	0.00	13.16	2.00	0.00	3.42	0.02	0.00
13.18	2.00	0.00	3.41	0.02	0.00	13.20	2.00	0.00	3.40	0.02	0.00
13.22	2.00	0.00	3.39	0.02	0.00	13.24	2.00	0.00	3.38	0.02	0.00
13.26	2.00	0.00	3.37	0.02	0.00	13.28	2.00	0.00	3.36	0.02	0.00
13.30	2.00	0.00	3.35	0.02	0.00	13.32	2.00	0.00	3.34	0.02	0.00
13.34	2.00	0.00	3.33	0.02	0.00	13.36	2.00	0.00	3.32	0.02	0.00
13.38	2.00	0.00	3.31	0.02	0.00	13.40	2.00	0.00	3.30	0.02	0.00
13.42	2.00	0.00	3.29	0.02	0.00	13.44	2.00	0.00	3.28	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
13.46	2.00	0.00	3.27	0.02	0.00	13.48	2.00	0.00	3.26	0.02	0.00
13.50	2.00	0.00	3.25	0.02	0.00	13.52	2.00	0.00	3.24	0.02	0.00
13.54	2.00	0.00	3.23	0.02	0.00	13.56	2.00	0.00	3.22	0.02	0.00
13.58	2.00	0.00	3.21	0.02	0.00	13.60	2.00	0.00	3.20	0.02	0.00
13.62	2.00	0.00	3.19	0.02	0.00	13.64	2.00	0.00	3.18	0.02	0.00
13.66	2.00	0.00	3.17	0.02	0.00	13.68	2.00	0.00	3.16	0.02	0.00
13.70	2.00	0.00	3.15	0.02	0.00	13.72	2.00	0.00	3.14	0.02	0.00
13.74	2.00	0.00	3.13	0.02	0.00	13.76	2.00	0.00	3.12	0.02	0.00
13.78	2.00	0.00	3.11	0.02	0.00	13.80	2.00	0.00	3.10	0.02	0.00
13.82	2.00	0.00	3.09	0.02	0.00	13.84	2.00	0.00	3.08	0.02	0.00
13.86	2.00	0.00	3.07	0.02	0.00	13.88	2.00	0.00	3.06	0.02	0.00
13.90	2.00	0.00	3.05	0.02	0.00	13.92	2.00	0.00	3.04	0.02	0.00
13.94	2.00	0.00	3.03	0.02	0.00	13.96	2.00	0.00	3.02	0.02	0.00
13.98	2.00	0.00	3.01	0.02	0.00	14.00	2.00	0.00	3.00	0.02	0.00
14.02	2.00	0.00	2.99	0.02	0.00	14.04	2.00	0.00	2.98	0.02	0.00
14.06	2.00	0.00	2.97	0.02	0.00	14.08	2.00	0.00	2.96	0.02	0.00
14.10	2.00	0.00	2.95	0.02	0.00	14.12	2.00	0.00	2.94	0.02	0.00
14.14	2.00	0.00	2.93	0.02	0.00	14.16	2.00	0.00	2.92	0.02	0.00
14.18	2.00	0.00	2.91	0.02	0.00	14.20	2.00	0.00	2.90	0.02	0.00
14.22	2.00	0.00	2.89	0.02	0.00	14.24	2.00	0.00	2.88	0.02	0.00
14.26	2.00	0.00	2.87	0.02	0.00	14.28	2.00	0.00	2.86	0.02	0.00
14.30	2.00	0.00	2.85	0.02	0.00	14.32	2.00	0.00	2.84	0.02	0.00
14.34	2.00	0.00	2.83	0.02	0.00	14.36	2.00	0.00	2.82	0.02	0.00
14.38	2.00	0.00	2.81	0.02	0.00	14.40	2.00	0.00	2.80	0.02	0.00
14.42	2.00	0.00	2.79	0.02	0.00	14.44	2.00	0.00	2.78	0.02	0.00
14.46	2.00	0.00	2.77	0.02	0.00	14.48	2.00	0.00	2.76	0.02	0.00
14.50	2.00	0.00	2.75	0.02	0.00	14.52	2.00	0.00	2.74	0.02	0.00
14.54	2.00	0.00	2.73	0.02	0.00	14.56	2.00	0.00	2.72	0.02	0.00
14.58	2.00	0.00	2.71	0.02	0.00	14.60	2.00	0.00	2.70	0.02	0.00
14.62	2.00	0.00	2.69	0.02	0.00	14.64	2.00	0.00	2.68	0.02	0.00
14.66	2.00	0.00	2.67	0.02	0.00	14.68	2.00	0.00	2.66	0.02	0.00
14.70	2.00	0.00	2.65	0.02	0.00	14.72	2.00	0.00	2.64	0.02	0.00
14.74	2.00	0.00	2.63	0.02	0.00	14.76	2.00	0.00	2.62	0.02	0.00
14.78	2.00	0.00	2.61	0.02	0.00	14.80	2.00	0.00	2.60	0.02	0.00
14.82	2.00	0.00	2.59	0.02	0.00	14.84	2.00	0.00	2.58	0.02	0.00
14.86	2.00	0.00	2.57	0.02	0.00	14.88	2.00	0.00	2.56	0.02	0.00
14.90	2.00	0.00	2.55	0.02	0.00	14.92	2.00	0.00	2.54	0.02	0.00
14.94	2.00	0.00	2.53	0.02	0.00	14.96	2.00	0.00	2.52	0.02	0.00
14.98	2.00	0.00	2.51	0.02	0.00	15.00	2.00	0.00	2.50	0.02	0.00
15.02	2.00	0.00	2.49	0.02	0.00	15.04	2.00	0.00	2.48	0.02	0.00
15.06	2.00	0.00	2.47	0.02	0.00	15.08	2.00	0.00	2.46	0.02	0.00
15.10	2.00	0.00	2.45	0.02	0.00	15.12	2.00	0.00	2.44	0.02	0.00
15.14	2.00	0.00	2.43	0.02	0.00	15.16	2.00	0.00	2.42	0.02	0.00
15.18	2.00	0.00	2.41	0.02	0.00	15.20	2.00	0.00	2.40	0.02	0.00
15.22	2.00	0.00	2.39	0.02	0.00	15.24	2.00	0.00	2.38	0.02	0.00
15.26	2.00	0.00	2.37	0.02	0.00	15.28	2.00	0.00	2.36	0.02	0.00
15.30	2.00	0.00	2.35	0.02	0.00	15.32	2.00	0.00	2.34	0.02	0.00
15.34	2.00	0.00	2.33	0.02	0.00	15.36	2.00	0.00	2.32	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
15.38	2.00	0.00	2.31	0.02	0.00	15.40	2.00	0.00	2.30	0.02	0.00
15.42	2.00	0.00	2.29	0.02	0.00	15.44	2.00	0.00	2.28	0.02	0.00
15.46	2.00	0.00	2.27	0.02	0.00	15.48	2.00	0.00	2.26	0.02	0.00
15.50	2.00	0.00	2.25	0.02	0.00	15.52	2.00	0.00	2.24	0.02	0.00
15.54	2.00	0.00	2.23	0.02	0.00	15.56	2.00	0.00	2.22	0.02	0.00
15.58	2.00	0.00	2.21	0.02	0.00	15.60	2.00	0.00	2.20	0.02	0.00
15.62	2.00	0.00	2.19	0.02	0.00	15.64	2.00	0.00	2.18	0.02	0.00
15.66	0.59	0.41	2.17	0.02	0.02	15.68	0.61	0.39	2.16	0.02	0.02
15.70	0.59	0.41	2.15	0.02	0.02	15.72	0.60	0.40	2.14	0.02	0.02
15.74	0.60	0.40	2.13	0.02	0.02	15.76	0.60	0.40	2.12	0.02	0.02
15.78	0.60	0.40	2.11	0.02	0.02	15.80	0.62	0.38	2.10	0.02	0.02
15.82	2.00	0.00	2.09	0.02	0.00	15.84	2.00	0.00	2.08	0.02	0.00
15.86	2.00	0.00	2.07	0.02	0.00	15.88	2.00	0.00	2.06	0.02	0.00
15.90	2.00	0.00	2.05	0.02	0.00	15.92	2.00	0.00	2.04	0.02	0.00
15.94	2.00	0.00	2.03	0.02	0.00	15.96	2.00	0.00	2.02	0.02	0.00
15.98	2.00	0.00	2.01	0.02	0.00	16.00	2.00	0.00	2.00	0.02	0.00
16.02	2.00	0.00	1.99	0.02	0.00	16.04	2.00	0.00	1.98	0.02	0.00
16.06	2.00	0.00	1.97	0.02	0.00	16.08	2.00	0.00	1.96	0.02	0.00
16.10	2.00	0.00	1.95	0.02	0.00	16.12	2.00	0.00	1.94	0.02	0.00
16.14	2.00	0.00	1.93	0.02	0.00	16.16	2.00	0.00	1.92	0.02	0.00
16.18	2.00	0.00	1.91	0.02	0.00	16.20	2.00	0.00	1.90	0.02	0.00
16.22	2.00	0.00	1.89	0.02	0.00	16.24	2.00	0.00	1.88	0.02	0.00
16.26	2.00	0.00	1.87	0.02	0.00	16.28	2.00	0.00	1.86	0.02	0.00
16.30	2.00	0.00	1.85	0.02	0.00	16.32	2.00	0.00	1.84	0.02	0.00
16.34	2.00	0.00	1.83	0.02	0.00	16.36	2.00	0.00	1.82	0.02	0.00
16.38	2.00	0.00	1.81	0.02	0.00	16.40	2.00	0.00	1.80	0.02	0.00
16.42	2.00	0.00	1.79	0.02	0.00	16.44	2.00	0.00	1.78	0.02	0.00
16.46	2.00	0.00	1.77	0.02	0.00	16.48	2.00	0.00	1.76	0.02	0.00
16.50	2.00	0.00	1.75	0.02	0.00	16.52	2.00	0.00	1.74	0.02	0.00
16.54	2.00	0.00	1.73	0.02	0.00	16.56	2.00	0.00	1.72	0.02	0.00
16.58	2.00	0.00	1.71	0.02	0.00	16.60	2.00	0.00	1.70	0.02	0.00
16.62	2.00	0.00	1.69	0.02	0.00	16.64	2.00	0.00	1.68	0.02	0.00
16.66	2.00	0.00	1.67	0.02	0.00	16.68	2.00	0.00	1.66	0.02	0.00
16.70	2.00	0.00	1.65	0.02	0.00	16.72	2.00	0.00	1.64	0.02	0.00
16.74	2.00	0.00	1.63	0.02	0.00	16.76	2.00	0.00	1.62	0.02	0.00
16.78	2.00	0.00	1.61	0.02	0.00	16.80	2.00	0.00	1.60	0.02	0.00
16.82	2.00	0.00	1.59	0.02	0.00	16.84	2.00	0.00	1.58	0.02	0.00
16.86	2.00	0.00	1.57	0.02	0.00	16.88	2.00	0.00	1.56	0.02	0.00
16.90	2.00	0.00	1.55	0.02	0.00	16.92	2.00	0.00	1.54	0.02	0.00
16.94	2.00	0.00	1.53	0.02	0.00	16.96	2.00	0.00	1.52	0.02	0.00
16.98	2.00	0.00	1.51	0.02	0.00	17.00	2.00	0.00	1.50	0.02	0.00
17.02	2.00	0.00	1.49	0.02	0.00	17.04	2.00	0.00	1.48	0.02	0.00
17.06	2.00	0.00	1.47	0.02	0.00	17.08	2.00	0.00	1.46	0.02	0.00
17.10	2.00	0.00	1.45	0.02	0.00	17.12	2.00	0.00	1.44	0.02	0.00
17.14	2.00	0.00	1.43	0.02	0.00	17.16	2.00	0.00	1.42	0.02	0.00
17.18	2.00	0.00	1.41	0.02	0.00	17.20	2.00	0.00	1.40	0.02	0.00
17.22	2.00	0.00	1.39	0.02	0.00	17.24	2.00	0.00	1.38	0.02	0.00
17.26	2.00	0.00	1.37	0.02	0.00	17.28	2.00	0.00	1.36	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
17.30	2.00	0.00	1.35	0.02	0.00	17.32	2.00	0.00	1.34	0.02	0.00
17.34	2.00	0.00	1.33	0.02	0.00	17.36	2.00	0.00	1.32	0.02	0.00
17.38	2.00	0.00	1.31	0.02	0.00	17.40	2.00	0.00	1.30	0.02	0.00
17.42	2.00	0.00	1.29	0.02	0.00	17.44	2.00	0.00	1.28	0.02	0.00
17.46	2.00	0.00	1.27	0.02	0.00	17.48	2.00	0.00	1.26	0.02	0.00
17.50	2.00	0.00	1.25	0.02	0.00	17.52	2.00	0.00	1.24	0.02	0.00
17.54	2.00	0.00	1.23	0.02	0.00	17.56	2.00	0.00	1.22	0.02	0.00
17.58	2.00	0.00	1.21	0.02	0.00	17.60	2.00	0.00	1.20	0.02	0.00
17.62	2.00	0.00	1.19	0.02	0.00	17.64	2.00	0.00	1.18	0.02	0.00
17.66	2.00	0.00	1.17	0.02	0.00	17.68	2.00	0.00	1.16	0.02	0.00
17.70	2.00	0.00	1.15	0.02	0.00	17.72	2.00	0.00	1.14	0.02	0.00
17.74	2.00	0.00	1.13	0.02	0.00	17.76	2.00	0.00	1.12	0.02	0.00
17.78	2.00	0.00	1.11	0.02	0.00	17.80	2.00	0.00	1.10	0.02	0.00
17.82	2.00	0.00	1.09	0.02	0.00	17.84	2.00	0.00	1.08	0.02	0.00
17.86	2.00	0.00	1.07	0.02	0.00	17.88	2.00	0.00	1.06	0.02	0.00
17.90	2.00	0.00	1.05	0.02	0.00	17.92	2.00	0.00	1.04	0.02	0.00
17.94	2.00	0.00	1.03	0.02	0.00	17.96	2.00	0.00	1.02	0.02	0.00
17.98	2.00	0.00	1.01	0.02	0.00	18.00	2.00	0.00	1.00	0.02	0.00
18.02	2.00	0.00	0.99	0.02	0.00	18.04	2.00	0.00	0.98	0.02	0.00
18.06	2.00	0.00	0.97	0.02	0.00	18.08	2.00	0.00	0.96	0.02	0.00
18.10	2.00	0.00	0.95	0.02	0.00	18.12	2.00	0.00	0.94	0.02	0.00
18.14	2.00	0.00	0.93	0.02	0.00	18.16	2.00	0.00	0.92	0.02	0.00
18.18	2.00	0.00	0.91	0.02	0.00	18.20	2.00	0.00	0.90	0.02	0.00
18.22	2.00	0.00	0.89	0.02	0.00	18.24	2.00	0.00	0.88	0.02	0.00
18.26	2.00	0.00	0.87	0.02	0.00	18.28	2.00	0.00	0.86	0.02	0.00
18.30	2.00	0.00	0.85	0.02	0.00	18.32	2.00	0.00	0.84	0.02	0.00
18.34	2.00	0.00	0.83	0.02	0.00	18.36	2.00	0.00	0.82	0.02	0.00
18.38	2.00	0.00	0.81	0.02	0.00	18.40	2.00	0.00	0.80	0.02	0.00
18.42	2.00	0.00	0.79	0.02	0.00	18.44	2.00	0.00	0.78	0.02	0.00
18.46	2.00	0.00	0.77	0.02	0.00	18.48	2.00	0.00	0.76	0.02	0.00
18.50	2.00	0.00	0.75	0.02	0.00	18.52	2.00	0.00	0.74	0.02	0.00
18.54	2.00	0.00	0.73	0.02	0.00	18.56	2.00	0.00	0.72	0.02	0.00
18.58	2.00	0.00	0.71	0.02	0.00	18.60	2.00	0.00	0.70	0.02	0.00
18.62	2.00	0.00	0.69	0.02	0.00	18.64	2.00	0.00	0.68	0.02	0.00
18.66	2.00	0.00	0.67	0.02	0.00	18.68	2.00	0.00	0.66	0.02	0.00
18.70	2.00	0.00	0.65	0.02	0.00	18.72	2.00	0.00	0.64	0.02	0.00
18.74	2.00	0.00	0.63	0.02	0.00	18.76	2.00	0.00	0.62	0.02	0.00
18.78	2.00	0.00	0.61	0.02	0.00	18.80	2.00	0.00	0.60	0.02	0.00
18.82	2.00	0.00	0.59	0.02	0.00	18.84	2.00	0.00	0.58	0.02	0.00
18.86	2.00	0.00	0.57	0.02	0.00	18.88	2.00	0.00	0.56	0.02	0.00
18.90	2.00	0.00	0.55	0.02	0.00	18.92	2.00	0.00	0.54	0.02	0.00
18.94	2.00	0.00	0.53	0.02	0.00	18.96	2.00	0.00	0.52	0.02	0.00
18.98	2.00	0.00	0.51	0.02	0.00	19.00	2.00	0.00	0.50	0.02	0.00
19.02	2.00	0.00	0.49	0.02	0.00	19.04	2.00	0.00	0.48	0.02	0.00
19.06	2.00	0.00	0.47	0.02	0.00	19.08	2.00	0.00	0.46	0.02	0.00
19.10	2.00	0.00	0.45	0.02	0.00	19.12	2.00	0.00	0.44	0.02	0.00
19.14	2.00	0.00	0.43	0.02	0.00	19.16	2.00	0.00	0.42	0.02	0.00
19.18	2.00	0.00	0.41	0.02	0.00	19.20	2.00	0.00	0.40	0.02	0.00

:: Liquefaction Potential Index calculation data :: (continued)

Depth (m)	FS	F _L	w _z	d _z	LPI	Depth (m)	FS	F _L	w _z	d _z	LPI
19.22	2.00	0.00	0.39	0.02	0.00	19.24	2.00	0.00	0.38	0.02	0.00
19.26	2.00	0.00	0.37	0.02	0.00	19.28	2.00	0.00	0.36	0.02	0.00
19.30	2.00	0.00	0.35	0.02	0.00	19.32	2.00	0.00	0.34	0.02	0.00
19.34	2.00	0.00	0.33	0.02	0.00	19.36	2.00	0.00	0.32	0.02	0.00
19.38	2.00	0.00	0.31	0.02	0.00	19.40	2.00	0.00	0.30	0.02	0.00
19.42	2.00	0.00	0.29	0.02	0.00	19.44	2.00	0.00	0.28	0.02	0.00
19.46	2.00	0.00	0.27	0.02	0.00	19.48	2.00	0.00	0.26	0.02	0.00
19.50	2.00	0.00	0.25	0.02	0.00	19.52	2.00	0.00	0.24	0.02	0.00
19.54	2.00	0.00	0.23	0.02	0.00	19.56	2.00	0.00	0.22	0.02	0.00
19.58	2.00	0.00	0.21	0.02	0.00	19.60	2.00	0.00	0.20	0.02	0.00
19.62	2.00	0.00	0.19	0.02	0.00	19.64	2.00	0.00	0.18	0.02	0.00
19.66	2.00	0.00	0.17	0.02	0.00	19.68	2.00	0.00	0.16	0.02	0.00
19.70	2.00	0.00	0.15	0.02	0.00	19.72	2.00	0.00	0.14	0.02	0.00
19.74	2.00	0.00	0.13	0.02	0.00	19.76	2.00	0.00	0.12	0.02	0.00
19.78	2.00	0.00	0.11	0.02	0.00	19.80	2.00	0.00	0.10	0.02	0.00
19.82	2.00	0.00	0.09	0.02	0.00	19.84	2.00	0.00	0.08	0.02	0.00
19.86	2.00	0.00	0.07	0.02	0.00	19.88	2.00	0.00	0.06	0.02	0.00
19.90	2.00	0.00	0.05	0.02	0.00						

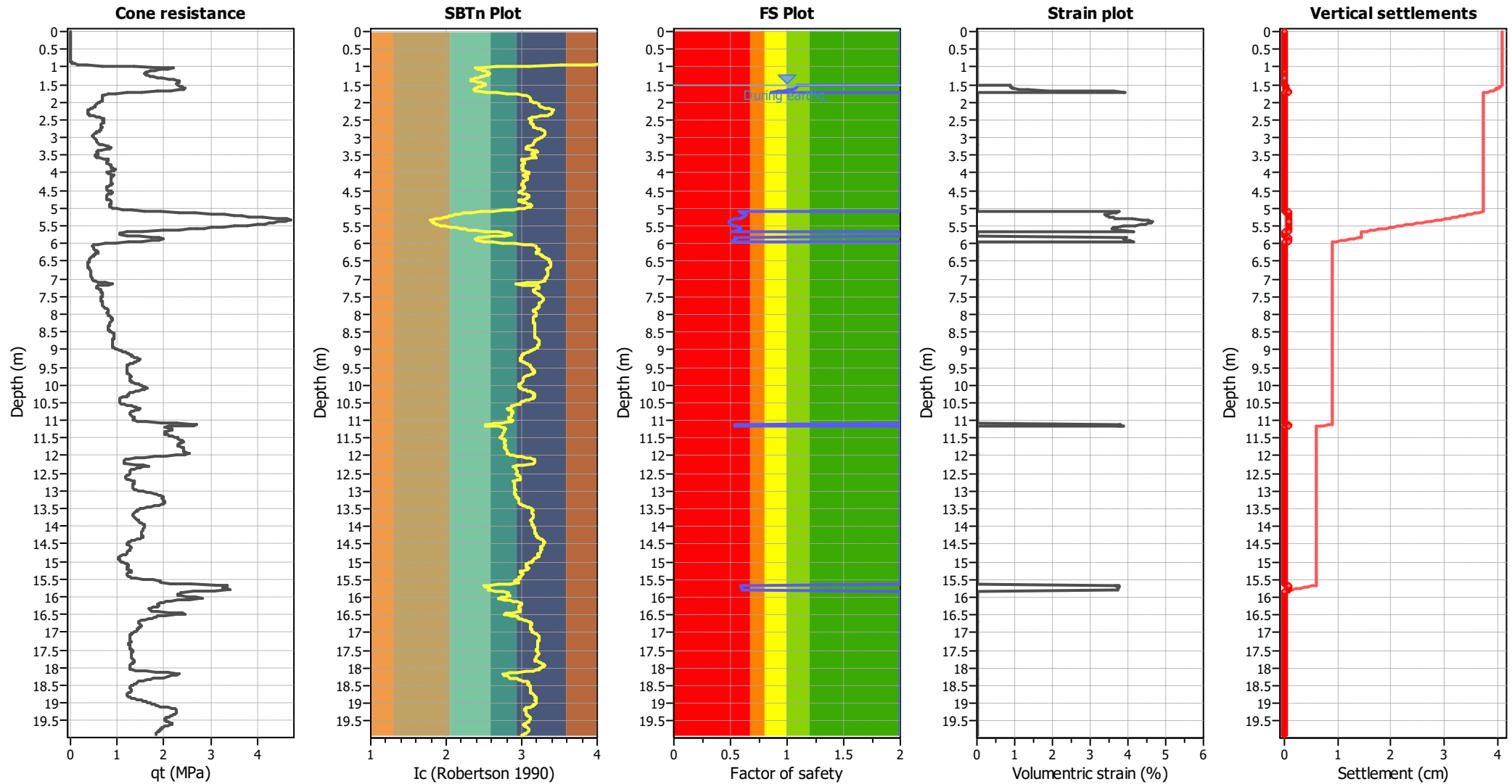
Overall liquefaction potential: 2.67

LPI = 0.00 - Liquefaction risk very low
 LPI between 0.00 and 5.00 - Liquefaction risk low
 LPI between 5.00 and 15.00 - Liquefaction risk high
 LPI > 15.00 - Liquefaction risk very high

Abbreviations

FS: Calculated factor of safety for test point
 F_L: 1 - FS
 w_z: Function value of the extend of soil liquefaction according to depth
 d_z: Layer thickness (m)
 LPI: Liquefaction potential index value for test point

Estimation of post-earthquake settlements



Abbreviations

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

:: Post-earthquake settlement of dry sands ::													
Depth (m)	Ic	Kc	Qc1n	Qc1n,cs	N1,60 (blows)	Vs (m/s)	Gmax (KPa)	CSR	Shear, γ (%)	Svol,15 (%)	Nc	ev (%)	Settle. (cm)
0.02	4.06	26.61	0.17	4.40	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.04	4.06	26.61	0.16	4.28	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.06	4.06	26.61	0.16	4.15	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.08	4.06	26.61	0.15	4.03	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.10	4.06	26.61	0.15	3.90	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.12	4.06	26.61	0.14	3.78	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.14	4.06	26.61	0.14	3.65	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.16	4.06	26.61	0.13	3.53	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.18	4.06	26.61	0.13	3.41	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.20	4.06	26.61	0.12	3.28	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.22	4.06	26.61	0.12	3.16	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.24	4.06	26.61	0.11	3.03	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.26	4.06	26.61	0.11	2.91	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.28	4.06	26.61	0.10	2.79	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.30	4.06	26.61	0.10	2.66	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.32	4.06	26.61	0.10	2.54	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.34	4.06	26.61	0.09	2.41	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.36	4.06	26.61	0.09	2.29	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.38	4.06	26.61	0.08	2.16	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.40	4.06	26.61	0.08	2.04	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.42	4.06	26.61	0.07	1.92	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.44	4.06	26.61	0.07	1.79	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.46	4.06	26.61	0.06	1.67	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.48	4.06	26.61	0.06	1.54	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.50	4.06	26.61	0.05	1.42	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.52	4.06	26.61	0.05	1.29	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.54	4.06	26.61	0.04	1.17	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.56	4.06	26.61	0.04	1.05	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.58	4.06	26.61	0.03	0.92	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.60	4.06	26.61	0.03	0.80	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.62	4.06	26.61	0.03	0.67	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.64	4.06	26.61	0.02	0.55	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.66	4.06	26.61	0.02	0.42	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.68	4.06	26.61	0.01	0.30	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.70	4.06	26.61	0.01	0.18	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.72	4.06	26.61	0.00	0.05	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.74	4.06	26.61	-1.00	-26.61	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.76	4.06	26.61	-1.00	-26.61	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.78	4.06	26.61	-1.00	-26.61	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.80	4.06	26.61	-1.00	-26.61	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.82	4.06	26.61	0.02	0.46	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.84	4.06	26.61	0.06	1.71	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.86	4.06	26.61	0.15	3.99	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.88	4.06	26.61	0.33	8.66	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.90	4.06	26.61	0.68	18.13	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.92	4.06	26.61	1.40	37.20	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.94	3.95	23.75	2.84	67.37	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
0.96	3.52	14.52	5.72	83.04	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000

:: Post-earthquake settlement of dry sands :: (continued)

Depth (m)	Ic	Kc	Qc1n	Qc1n,cs	N1,60 (blows)	Vs (m/s)	Gmax (KPa)	CSR	Shear, γ (%)	Svol,15 (%)	Nc	ev (%)	Settle. (cm)
0.98	3.10	7.93	11.49	91.19	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.00	2.68	3.82	23.04	88.13	0	0.0	0	0.13	0.000	0.00	0.00	0.00	0.000
1.02	2.47	2.62	32.24	84.40	21	187.6	23654	0.12	0.012	0.01	5.21	0.01	0.000
1.04	2.38	2.23	37.40	83.55	20	191.0	24901	0.13	0.011	0.01	5.21	0.01	0.000
1.06	2.42	2.38	35.01	83.43	21	189.1	24644	0.13	0.011	0.01	5.21	0.01	0.000
1.08	2.45	2.54	32.59	82.83	21	186.7	24199	0.13	0.012	0.01	5.21	0.01	0.000
1.10	2.49	2.70	30.35	81.91	21	184.0	23664	0.13	0.013	0.01	5.21	0.01	0.000
1.12	2.52	2.85	28.66	81.70	21	182.2	23402	0.13	0.014	0.01	5.21	0.01	0.000
1.14	2.54	2.98	27.57	82.12	22	181.4	23432	0.13	0.014	0.01	5.21	0.01	0.000
1.16	2.55	3.05	27.05	82.50	22	181.2	23610	0.13	0.014	0.01	5.21	0.01	0.000
1.18	2.56	3.10	26.93	83.57	22	181.9	24066	0.13	0.014	0.01	5.21	0.01	0.000
1.20	2.57	3.18	26.94	85.57	23	183.4	24791	0.13	0.014	0.01	5.21	0.01	0.000
1.22	2.56	3.11	27.01	84.13	22	182.4	24706	0.13	0.014	0.01	5.21	0.01	0.000
1.24	2.53	2.95	27.52	81.09	21	180.6	24353	0.13	0.015	0.01	5.21	0.01	0.000
1.26	2.48	2.69	28.52	76.66	20	178.1	23743	0.13	0.016	0.02	5.21	0.01	0.000
1.28	2.45	2.54	29.79	75.63	19	178.4	24041	0.13	0.016	0.02	5.21	0.01	0.000
1.30	2.42	2.39	31.46	75.20	19	179.5	24575	0.13	0.016	0.02	5.21	0.01	0.000
1.32	2.39	2.27	33.06	75.00	18	180.6	25125	0.13	0.015	0.02	5.21	0.01	0.000
1.34	2.35	2.12	35.32	74.88	18	182.1	25817	0.13	0.015	0.02	5.21	0.01	0.000
1.36	2.33	2.05	37.16	75.98	18	184.3	26765	0.12	0.014	0.02	5.21	0.01	0.000
1.38	2.33	2.03	38.77	78.88	19	187.9	28251	0.12	0.013	0.01	5.21	0.01	0.000
1.40	2.36	2.15	39.35	84.66	20	193.2	30476	0.12	0.012	0.01	5.21	0.01	0.000
1.42	2.41	2.37	39.29	93.17	23	200.0	33362	0.12	0.011	0.01	5.21	0.01	0.000
1.44	2.47	2.61	38.90	101.61	26	205.9	36046	0.12	0.010	0.01	5.21	0.00	0.000
1.46	2.51	2.81	38.50	108.05	28	210.0	38088	0.12	0.009	0.01	5.21	0.00	0.000
1.48	2.52	2.88	38.40	110.48	29	211.6	39067	0.12	0.009	0.01	5.21	0.00	0.000

Total estimated settlement: 0.01**:: Post-earthquake settlement due to soil liquefaction ::**

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
1.50	98.84	2.00	0.00	1.00	0.00	1.52	98.61	1.09	0.88	1.00	0.02
1.54	99.05	1.09	0.89	1.00	0.02	1.56	99.68	1.09	0.89	1.00	0.02
1.58	99.13	1.07	0.96	1.00	0.02	1.60	100.20	1.08	0.94	1.00	0.02
1.62	100.21	1.07	0.97	1.00	0.02	1.64	98.75	1.05	1.10	1.00	0.02
1.66	96.72	1.01	1.33	1.00	0.03	1.68	93.44	0.97	1.89	1.00	0.04
1.70	88.86	0.92	3.62	1.00	0.07	1.72	82.07	0.85	3.91	1.00	0.08
1.74	20.04	2.00	0.00	1.00	0.00	1.76	15.68	2.00	0.00	1.00	0.00
1.78	13.05	2.00	0.00	1.00	0.00	1.80	11.87	2.00	0.00	1.00	0.00
1.82	11.73	2.00	0.00	1.00	0.00	1.84	11.60	2.00	0.00	1.00	0.00
1.86	11.65	2.00	0.00	1.00	0.00	1.88	11.54	2.00	0.00	1.00	0.00
1.90	11.44	2.00	0.00	1.00	0.00	1.92	11.49	2.00	0.00	1.00	0.00
1.94	11.38	2.00	0.00	1.00	0.00	1.96	11.27	2.00	0.00	1.00	0.00
1.98	11.21	2.00	0.00	1.00	0.00	2.00	10.41	2.00	0.00	1.00	0.00
2.02	9.57	2.00	0.00	1.00	0.00	2.04	9.32	2.00	0.00	1.00	0.00
2.06	8.99	2.00	0.00	1.00	0.00	2.08	8.90	2.00	0.00	1.00	0.00
2.10	8.81	2.00	0.00	1.00	0.00	2.12	8.68	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
2.14	8.04	2.00	0.00	1.00	0.00	2.16	7.91	2.00	0.00	1.00	0.00
2.18	7.23	2.00	0.00	1.00	0.00	2.20	6.43	2.00	0.00	1.00	0.00
2.22	6.36	2.00	0.00	1.00	0.00	2.24	6.29	2.00	0.00	1.00	0.00
2.26	6.25	2.00	0.00	1.00	0.00	2.28	6.24	2.00	0.00	1.00	0.00
2.30	6.25	2.00	0.00	1.00	0.00	2.32	6.25	2.00	0.00	1.00	0.00
2.34	6.26	2.00	0.00	1.00	0.00	2.36	6.50	2.00	0.00	1.00	0.00
2.38	6.82	2.00	0.00	1.00	0.00	2.40	7.65	2.00	0.00	1.00	0.00
2.42	8.83	2.00	0.00	1.00	0.00	2.44	9.74	2.00	0.00	1.00	0.00
2.46	11.04	2.00	0.00	1.00	0.00	2.48	11.43	2.00	0.00	1.00	0.00
2.50	11.12	2.00	0.00	1.00	0.00	2.52	11.23	2.00	0.00	1.00	0.00
2.54	11.35	2.00	0.00	1.00	0.00	2.56	11.82	2.00	0.00	1.00	0.00
2.58	11.46	2.00	0.00	1.00	0.00	2.60	10.86	2.00	0.00	1.00	0.00
2.62	10.70	2.00	0.00	1.00	0.00	2.64	10.60	2.00	0.00	1.00	0.00
2.66	10.61	2.00	0.00	1.00	0.00	2.68	10.62	2.00	0.00	1.00	0.00
2.70	10.64	2.00	0.00	1.00	0.00	2.72	10.70	2.00	0.00	1.00	0.00
2.74	10.81	2.00	0.00	1.00	0.00	2.76	10.44	2.00	0.00	1.00	0.00
2.78	10.31	2.00	0.00	1.00	0.00	2.80	10.42	2.00	0.00	1.00	0.00
2.82	9.98	2.00	0.00	1.00	0.00	2.84	9.13	2.00	0.00	1.00	0.00
2.86	8.77	2.00	0.00	1.00	0.00	2.88	8.72	2.00	0.00	1.00	0.00
2.90	8.19	2.00	0.00	1.00	0.00	2.92	7.63	2.00	0.00	1.00	0.00
2.94	7.61	2.00	0.00	1.00	0.00	2.96	7.63	2.00	0.00	1.00	0.00
2.98	7.66	2.00	0.00	1.00	0.00	3.00	7.88	2.00	0.00	1.00	0.00
3.02	8.35	2.00	0.00	1.00	0.00	3.04	8.30	2.00	0.00	1.00	0.00
3.06	8.67	2.00	0.00	1.00	0.00	3.08	9.03	2.00	0.00	1.00	0.00
3.10	8.90	2.00	0.00	1.00	0.00	3.12	8.94	2.00	0.00	1.00	0.00
3.14	9.10	2.00	0.00	1.00	0.00	3.16	9.27	2.00	0.00	1.00	0.00
3.18	9.78	2.00	0.00	1.00	0.00	3.20	9.74	2.00	0.00	1.00	0.00
3.22	10.80	2.00	0.00	1.00	0.00	3.24	11.86	2.00	0.00	1.00	0.00
3.26	13.67	2.00	0.00	1.00	0.00	3.28	12.55	2.00	0.00	1.00	0.00
3.30	13.72	2.00	0.00	1.00	0.00	3.32	14.90	2.00	0.00	1.00	0.00
3.34	12.09	2.00	0.00	1.00	0.00	3.36	10.50	2.00	0.00	1.00	0.00
3.38	8.80	2.00	0.00	1.00	0.00	3.40	8.63	2.00	0.00	1.00	0.00
3.42	8.61	2.00	0.00	1.00	0.00	3.44	8.59	2.00	0.00	1.00	0.00
3.46	9.85	2.00	0.00	1.00	0.00	3.48	8.46	2.00	0.00	1.00	0.00
3.50	8.29	2.00	0.00	1.00	0.00	3.52	8.23	2.00	0.00	1.00	0.00
3.54	8.27	2.00	0.00	1.00	0.00	3.56	8.31	2.00	0.00	1.00	0.00
3.58	8.59	2.00	0.00	1.00	0.00	3.60	11.44	2.00	0.00	1.00	0.00
3.62	12.81	2.00	0.00	1.00	0.00	3.64	12.41	2.00	0.00	1.00	0.00
3.66	11.70	2.00	0.00	1.00	0.00	3.68	11.68	2.00	0.00	1.00	0.00
3.70	11.72	2.00	0.00	1.00	0.00	3.72	11.75	2.00	0.00	1.00	0.00
3.74	11.95	2.00	0.00	1.00	0.00	3.76	12.81	2.00	0.00	1.00	0.00
3.78	12.88	2.00	0.00	1.00	0.00	3.80	12.83	2.00	0.00	1.00	0.00
3.82	12.89	2.00	0.00	1.00	0.00	3.84	12.95	2.00	0.00	1.00	0.00
3.86	13.42	2.00	0.00	1.00	0.00	3.88	14.39	2.00	0.00	1.00	0.00
3.90	14.73	2.00	0.00	1.00	0.00	3.92	14.62	2.00	0.00	1.00	0.00
3.94	13.61	2.00	0.00	1.00	0.00	3.96	12.69	2.00	0.00	1.00	0.00
3.98	12.22	2.00	0.00	1.00	0.00	4.00	12.10	2.00	0.00	1.00	0.00
4.02	12.03	2.00	0.00	1.00	0.00	4.04	12.98	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
4.06	13.91	2.00	0.00	1.00	0.00	4.08	14.58	2.00	0.00	1.00	0.00
4.10	13.76	2.00	0.00	1.00	0.00	4.12	13.19	2.00	0.00	1.00	0.00
4.14	13.04	2.00	0.00	1.00	0.00	4.16	13.04	2.00	0.00	1.00	0.00
4.18	13.04	2.00	0.00	1.00	0.00	4.20	13.13	2.00	0.00	1.00	0.00
4.22	13.36	2.00	0.00	1.00	0.00	4.24	13.05	2.00	0.00	1.00	0.00
4.26	12.90	2.00	0.00	1.00	0.00	4.28	12.88	2.00	0.00	1.00	0.00
4.30	12.85	2.00	0.00	1.00	0.00	4.32	13.08	2.00	0.00	1.00	0.00
4.34	12.62	2.00	0.00	1.00	0.00	4.36	11.90	2.00	0.00	1.00	0.00
4.38	11.44	2.00	0.00	1.00	0.00	4.40	11.40	2.00	0.00	1.00	0.00
4.42	11.38	2.00	0.00	1.00	0.00	4.44	11.36	2.00	0.00	1.00	0.00
4.46	11.34	2.00	0.00	1.00	0.00	4.48	11.32	2.00	0.00	1.00	0.00
4.50	11.37	2.00	0.00	1.00	0.00	4.52	12.43	2.00	0.00	1.00	0.00
4.54	13.01	2.00	0.00	1.00	0.00	4.56	13.24	2.00	0.00	1.00	0.00
4.58	12.53	2.00	0.00	1.00	0.00	4.60	11.61	2.00	0.00	1.00	0.00
4.62	11.10	2.00	0.00	1.00	0.00	4.64	11.04	2.00	0.00	1.00	0.00
4.66	11.00	2.00	0.00	1.00	0.00	4.68	10.98	2.00	0.00	1.00	0.00
4.70	10.96	2.00	0.00	1.00	0.00	4.72	10.95	2.00	0.00	1.00	0.00
4.74	11.09	2.00	0.00	1.00	0.00	4.76	11.55	2.00	0.00	1.00	0.00
4.78	12.20	2.00	0.00	1.00	0.00	4.80	12.73	2.00	0.00	1.00	0.00
4.82	12.23	2.00	0.00	1.00	0.00	4.84	12.22	2.00	0.00	1.00	0.00
4.86	12.21	2.00	0.00	1.00	0.00	4.88	12.20	2.00	0.00	1.00	0.00
4.90	12.42	2.00	0.00	1.00	0.00	4.92	12.22	2.00	0.00	1.00	0.00
4.94	12.21	2.00	0.00	1.00	0.00	4.96	12.19	2.00	0.00	1.00	0.00
4.98	12.25	2.00	0.00	1.00	0.00	5.00	12.67	2.00	0.00	1.00	0.00
5.02	14.33	2.00	0.00	1.00	0.00	5.04	16.19	2.00	0.00	1.00	0.00
5.06	18.37	2.00	0.00	1.00	0.00	5.08	21.96	2.00	0.00	1.00	0.00
5.10	85.29	0.58	3.77	1.00	0.08	5.12	87.09	0.59	3.69	1.00	0.07
5.14	89.97	0.61	3.57	1.00	0.07	5.16	93.10	0.63	3.45	1.00	0.07
5.18	94.83	0.64	3.39	1.00	0.07	5.20	94.12	0.63	3.42	1.00	0.07
5.22	93.37	0.63	3.44	1.00	0.07	5.24	92.14	0.62	3.49	1.00	0.07
5.26	89.22	0.60	3.60	1.00	0.07	5.28	87.63	0.59	3.67	1.00	0.07
5.30	78.15	0.53	4.10	1.00	0.08	5.32	72.99	0.51	4.37	1.00	0.09
5.34	70.45	0.49	4.52	1.00	0.09	5.36	69.05	0.49	4.61	1.00	0.09
5.38	68.55	0.48	4.64	1.00	0.09	5.40	68.84	0.49	4.62	1.00	0.09
5.42	69.86	0.49	4.56	1.00	0.09	5.44	71.78	0.50	4.44	1.00	0.09
5.46	73.77	0.51	4.33	1.00	0.09	5.48	76.60	0.52	4.18	1.00	0.08
5.50	83.05	0.55	3.87	1.00	0.08	5.52	86.73	0.58	3.71	1.00	0.07
5.54	89.35	0.59	3.60	1.00	0.07	5.56	89.91	0.59	3.58	1.00	0.07
5.58	89.13	0.59	3.61	1.00	0.07	5.60	87.90	0.58	3.66	1.00	0.07
5.62	86.09	0.57	3.73	1.00	0.07	5.64	84.56	0.56	3.80	1.00	0.08
5.66	76.73	0.52	4.17	1.00	0.08	5.68	16.14	2.00	0.00	1.00	0.00
5.70	15.06	2.00	0.00	1.00	0.00	5.72	14.86	2.00	0.00	1.00	0.00
5.74	14.82	2.00	0.00	1.00	0.00	5.76	14.98	2.00	0.00	1.00	0.00
5.78	15.17	2.00	0.00	1.00	0.00	5.80	20.59	2.00	0.00	1.00	0.00
5.82	80.68	0.54	3.98	1.00	0.08	5.84	81.71	0.54	3.93	1.00	0.08
5.86	83.07	0.55	3.87	1.00	0.08	5.88	82.50	0.54	3.89	1.00	0.08
5.90	81.10	0.54	3.96	1.00	0.08	5.92	79.33	0.53	4.04	1.00	0.08
5.94	76.86	0.51	4.17	1.00	0.08	5.96	17.23	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
5.98	12.98	2.00	0.00	1.00	0.00	6.00	10.48	2.00	0.00	1.00	0.00
6.02	8.48	2.00	0.00	1.00	0.00	6.04	6.66	2.00	0.00	1.00	0.00
6.06	6.58	2.00	0.00	1.00	0.00	6.08	6.53	2.00	0.00	1.00	0.00
6.10	6.52	2.00	0.00	1.00	0.00	6.12	6.52	2.00	0.00	1.00	0.00
6.14	6.51	2.00	0.00	1.00	0.00	6.16	6.56	2.00	0.00	1.00	0.00
6.18	6.75	2.00	0.00	1.00	0.00	6.20	7.26	2.00	0.00	1.00	0.00
6.22	7.64	2.00	0.00	1.00	0.00	6.24	7.75	2.00	0.00	1.00	0.00
6.26	7.52	2.00	0.00	1.00	0.00	6.28	6.99	2.00	0.00	1.00	0.00
6.30	6.08	2.00	0.00	1.00	0.00	6.32	6.46	2.00	0.00	1.00	0.00
6.34	6.03	2.00	0.00	1.00	0.00	6.36	5.67	2.00	0.00	1.00	0.00
6.38	5.57	2.00	0.00	1.00	0.00	6.40	5.56	2.00	0.00	1.00	0.00
6.42	5.26	2.00	0.00	1.00	0.00	6.44	5.00	2.00	0.00	1.00	0.00
6.46	4.96	2.00	0.00	1.00	0.00	6.48	4.88	2.00	0.00	1.00	0.00
6.50	5.04	2.00	0.00	1.00	0.00	6.52	4.74	2.00	0.00	1.00	0.00
6.54	4.76	2.00	0.00	1.00	0.00	6.56	4.62	2.00	0.00	1.00	0.00
6.58	4.56	2.00	0.00	1.00	0.00	6.60	4.52	2.00	0.00	1.00	0.00
6.62	4.51	2.00	0.00	1.00	0.00	6.64	4.51	2.00	0.00	1.00	0.00
6.66	4.50	2.00	0.00	1.00	0.00	6.68	4.50	2.00	0.00	1.00	0.00
6.70	4.78	2.00	0.00	1.00	0.00	6.72	4.84	2.00	0.00	1.00	0.00
6.74	5.15	2.00	0.00	1.00	0.00	6.76	4.95	2.00	0.00	1.00	0.00
6.78	5.07	2.00	0.00	1.00	0.00	6.80	5.07	2.00	0.00	1.00	0.00
6.82	5.07	2.00	0.00	1.00	0.00	6.84	5.07	2.00	0.00	1.00	0.00
6.86	5.08	2.00	0.00	1.00	0.00	6.88	5.06	2.00	0.00	1.00	0.00
6.90	5.13	2.00	0.00	1.00	0.00	6.92	5.19	2.00	0.00	1.00	0.00
6.94	5.37	2.00	0.00	1.00	0.00	6.96	5.27	2.00	0.00	1.00	0.00
6.98	5.30	2.00	0.00	1.00	0.00	7.00	5.64	2.00	0.00	1.00	0.00
7.02	5.60	2.00	0.00	1.00	0.00	7.04	5.72	2.00	0.00	1.00	0.00
7.06	6.02	2.00	0.00	1.00	0.00	7.08	6.48	2.00	0.00	1.00	0.00
7.10	8.11	2.00	0.00	1.00	0.00	7.12	11.72	2.00	0.00	1.00	0.00
7.14	11.83	2.00	0.00	1.00	0.00	7.16	9.72	2.00	0.00	1.00	0.00
7.18	7.86	2.00	0.00	1.00	0.00	7.20	6.69	2.00	0.00	1.00	0.00
7.22	6.68	2.00	0.00	1.00	0.00	7.24	6.67	2.00	0.00	1.00	0.00
7.26	6.68	2.00	0.00	1.00	0.00	7.28	6.78	2.00	0.00	1.00	0.00
7.30	6.99	2.00	0.00	1.00	0.00	7.32	7.23	2.00	0.00	1.00	0.00
7.34	7.37	2.00	0.00	1.00	0.00	7.36	7.48	2.00	0.00	1.00	0.00
7.38	7.53	2.00	0.00	1.00	0.00	7.40	7.58	2.00	0.00	1.00	0.00
7.42	7.63	2.00	0.00	1.00	0.00	7.44	7.87	2.00	0.00	1.00	0.00
7.46	7.94	2.00	0.00	1.00	0.00	7.48	7.84	2.00	0.00	1.00	0.00
7.50	7.98	2.00	0.00	1.00	0.00	7.52	7.58	2.00	0.00	1.00	0.00
7.54	7.56	2.00	0.00	1.00	0.00	7.56	7.55	2.00	0.00	1.00	0.00
7.58	7.55	2.00	0.00	1.00	0.00	7.60	7.55	2.00	0.00	1.00	0.00
7.62	7.64	2.00	0.00	1.00	0.00	7.64	7.83	2.00	0.00	1.00	0.00
7.66	7.91	2.00	0.00	1.00	0.00	7.68	8.01	2.00	0.00	1.00	0.00
7.70	7.94	2.00	0.00	1.00	0.00	7.72	7.93	2.00	0.00	1.00	0.00
7.74	7.93	2.00	0.00	1.00	0.00	7.76	7.93	2.00	0.00	1.00	0.00
7.78	8.06	2.00	0.00	1.00	0.00	7.80	8.05	2.00	0.00	1.00	0.00
7.82	8.33	2.00	0.00	1.00	0.00	7.84	8.66	2.00	0.00	1.00	0.00
7.86	9.15	2.00	0.00	1.00	0.00	7.88	9.48	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
7.90	9.38	2.00	0.00	1.00	0.00	7.92	9.25	2.00	0.00	1.00	0.00
7.94	9.00	2.00	0.00	1.00	0.00	7.96	8.91	2.00	0.00	1.00	0.00
7.98	8.90	2.00	0.00	1.00	0.00	8.00	8.91	2.00	0.00	1.00	0.00
8.02	8.92	2.00	0.00	1.00	0.00	8.04	8.96	2.00	0.00	1.00	0.00
8.06	9.40	2.00	0.00	1.00	0.00	8.08	9.65	2.00	0.00	1.00	0.00
8.10	10.18	2.00	0.00	1.00	0.00	8.12	9.88	2.00	0.00	1.00	0.00
8.14	9.98	2.00	0.00	1.00	0.00	8.16	10.08	2.00	0.00	1.00	0.00
8.18	10.03	2.00	0.00	1.00	0.00	8.20	9.79	2.00	0.00	1.00	0.00
8.22	9.60	2.00	0.00	1.00	0.00	8.24	9.48	2.00	0.00	1.00	0.00
8.26	9.18	2.00	0.00	1.00	0.00	8.28	9.13	2.00	0.00	1.00	0.00
8.30	9.08	2.00	0.00	1.00	0.00	8.32	9.04	2.00	0.00	1.00	0.00
8.34	8.92	2.00	0.00	1.00	0.00	8.36	8.54	2.00	0.00	1.00	0.00
8.38	8.52	2.00	0.00	1.00	0.00	8.40	8.51	2.00	0.00	1.00	0.00
8.42	8.51	2.00	0.00	1.00	0.00	8.44	8.51	2.00	0.00	1.00	0.00
8.46	8.59	2.00	0.00	1.00	0.00	8.48	9.09	2.00	0.00	1.00	0.00
8.50	9.41	2.00	0.00	1.00	0.00	8.52	9.54	2.00	0.00	1.00	0.00
8.54	9.77	2.00	0.00	1.00	0.00	8.56	10.07	2.00	0.00	1.00	0.00
8.58	10.19	2.00	0.00	1.00	0.00	8.60	10.51	2.00	0.00	1.00	0.00
8.62	10.53	2.00	0.00	1.00	0.00	8.64	10.65	2.00	0.00	1.00	0.00
8.66	10.44	2.00	0.00	1.00	0.00	8.68	10.17	2.00	0.00	1.00	0.00
8.70	10.32	2.00	0.00	1.00	0.00	8.72	10.03	2.00	0.00	1.00	0.00
8.74	9.88	2.00	0.00	1.00	0.00	8.76	9.97	2.00	0.00	1.00	0.00
8.78	9.84	2.00	0.00	1.00	0.00	8.80	9.80	2.00	0.00	1.00	0.00
8.82	9.76	2.00	0.00	1.00	0.00	8.84	9.88	2.00	0.00	1.00	0.00
8.86	9.70	2.00	0.00	1.00	0.00	8.88	9.69	2.00	0.00	1.00	0.00
8.90	9.68	2.00	0.00	1.00	0.00	8.92	9.67	2.00	0.00	1.00	0.00
8.94	9.66	2.00	0.00	1.00	0.00	8.96	9.78	2.00	0.00	1.00	0.00
8.98	10.18	2.00	0.00	1.00	0.00	9.00	10.65	2.00	0.00	1.00	0.00
9.02	11.07	2.00	0.00	1.00	0.00	9.04	11.51	2.00	0.00	1.00	0.00
9.06	11.96	2.00	0.00	1.00	0.00	9.08	12.24	2.00	0.00	1.00	0.00
9.10	13.00	2.00	0.00	1.00	0.00	9.12	13.23	2.00	0.00	1.00	0.00
9.14	13.53	2.00	0.00	1.00	0.00	9.16	13.57	2.00	0.00	1.00	0.00
9.18	13.90	2.00	0.00	1.00	0.00	9.20	13.83	2.00	0.00	1.00	0.00
9.22	14.10	2.00	0.00	1.00	0.00	9.24	14.83	2.00	0.00	1.00	0.00
9.26	15.29	2.00	0.00	1.00	0.00	9.28	15.41	2.00	0.00	1.00	0.00
9.30	15.54	2.00	0.00	1.00	0.00	9.32	15.10	2.00	0.00	1.00	0.00
9.34	14.42	2.00	0.00	1.00	0.00	9.36	14.18	2.00	0.00	1.00	0.00
9.38	13.85	2.00	0.00	1.00	0.00	9.40	13.33	2.00	0.00	1.00	0.00
9.42	12.99	2.00	0.00	1.00	0.00	9.44	12.92	2.00	0.00	1.00	0.00
9.46	12.82	2.00	0.00	1.00	0.00	9.48	12.69	2.00	0.00	1.00	0.00
9.50	12.56	2.00	0.00	1.00	0.00	9.52	12.55	2.00	0.00	1.00	0.00
9.54	12.54	2.00	0.00	1.00	0.00	9.56	12.53	2.00	0.00	1.00	0.00
9.58	12.53	2.00	0.00	1.00	0.00	9.60	12.62	2.00	0.00	1.00	0.00
9.62	12.52	2.00	0.00	1.00	0.00	9.64	12.68	2.00	0.00	1.00	0.00
9.66	12.55	2.00	0.00	1.00	0.00	9.68	12.64	2.00	0.00	1.00	0.00
9.70	12.78	2.00	0.00	1.00	0.00	9.72	13.07	2.00	0.00	1.00	0.00
9.74	13.39	2.00	0.00	1.00	0.00	9.76	13.26	2.00	0.00	1.00	0.00
9.78	13.06	2.00	0.00	1.00	0.00	9.80	12.96	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
9.82	12.93	2.00	0.00	1.00	0.00	9.84	12.92	2.00	0.00	1.00	0.00
9.86	12.91	2.00	0.00	1.00	0.00	9.88	12.91	2.00	0.00	1.00	0.00
9.90	13.00	2.00	0.00	1.00	0.00	9.92	13.21	2.00	0.00	1.00	0.00
9.94	13.37	2.00	0.00	1.00	0.00	9.96	13.61	2.00	0.00	1.00	0.00
9.98	14.39	2.00	0.00	1.00	0.00	10.00	15.04	2.00	0.00	1.00	0.00
10.02	15.28	2.00	0.00	1.00	0.00	10.04	15.47	2.00	0.00	1.00	0.00
10.06	16.12	2.00	0.00	1.00	0.00	10.08	16.36	2.00	0.00	1.00	0.00
10.10	16.52	2.00	0.00	1.00	0.00	10.12	16.42	2.00	0.00	1.00	0.00
10.14	15.87	2.00	0.00	1.00	0.00	10.16	15.20	2.00	0.00	1.00	0.00
10.18	14.44	2.00	0.00	1.00	0.00	10.20	13.82	2.00	0.00	1.00	0.00
10.22	13.17	2.00	0.00	1.00	0.00	10.24	12.75	2.00	0.00	1.00	0.00
10.26	12.58	2.00	0.00	1.00	0.00	10.28	12.41	2.00	0.00	1.00	0.00
10.30	12.32	2.00	0.00	1.00	0.00	10.32	12.03	2.00	0.00	1.00	0.00
10.34	11.71	2.00	0.00	1.00	0.00	10.36	10.86	2.00	0.00	1.00	0.00
10.38	10.54	2.00	0.00	1.00	0.00	10.40	10.48	2.00	0.00	1.00	0.00
10.42	10.42	2.00	0.00	1.00	0.00	10.44	10.47	2.00	0.00	1.00	0.00
10.46	10.36	2.00	0.00	1.00	0.00	10.48	10.35	2.00	0.00	1.00	0.00
10.50	10.34	2.00	0.00	1.00	0.00	10.52	10.33	2.00	0.00	1.00	0.00
10.54	10.33	2.00	0.00	1.00	0.00	10.56	10.42	2.00	0.00	1.00	0.00
10.58	11.86	2.00	0.00	1.00	0.00	10.60	12.65	2.00	0.00	1.00	0.00
10.62	12.91	2.00	0.00	1.00	0.00	10.64	13.33	2.00	0.00	1.00	0.00
10.66	13.97	2.00	0.00	1.00	0.00	10.68	14.60	2.00	0.00	1.00	0.00
10.70	14.04	2.00	0.00	1.00	0.00	10.72	12.99	2.00	0.00	1.00	0.00
10.74	12.64	2.00	0.00	1.00	0.00	10.76	12.31	2.00	0.00	1.00	0.00
10.78	12.10	2.00	0.00	1.00	0.00	10.80	12.06	2.00	0.00	1.00	0.00
10.82	12.04	2.00	0.00	1.00	0.00	10.84	12.04	2.00	0.00	1.00	0.00
10.86	12.03	2.00	0.00	1.00	0.00	10.88	12.03	2.00	0.00	1.00	0.00
10.90	12.06	2.00	0.00	1.00	0.00	10.92	12.84	2.00	0.00	1.00	0.00
10.94	13.01	2.00	0.00	1.00	0.00	10.96	12.50	2.00	0.00	1.00	0.00
10.98	12.41	2.00	0.00	1.00	0.00	11.00	12.40	2.00	0.00	1.00	0.00
11.02	13.58	2.00	0.00	1.00	0.00	11.04	14.77	2.00	0.00	1.00	0.00
11.06	17.15	2.00	0.00	1.00	0.00	11.08	24.04	2.00	0.00	1.00	0.00
11.10	84.80	0.54	3.79	1.00	0.08	11.12	85.36	0.55	3.76	1.00	0.08
11.14	85.81	0.55	3.74	1.00	0.07	11.16	82.80	0.53	3.88	1.00	0.08
11.18	19.81	2.00	0.00	1.00	0.00	11.20	19.69	2.00	0.00	1.00	0.00
11.22	19.70	2.00	0.00	1.00	0.00	11.24	19.71	2.00	0.00	1.00	0.00
11.26	20.08	2.00	0.00	1.00	0.00	11.28	21.85	2.00	0.00	1.00	0.00
11.30	19.80	2.00	0.00	1.00	0.00	11.32	19.00	2.00	0.00	1.00	0.00
11.34	18.94	2.00	0.00	1.00	0.00	11.36	18.92	2.00	0.00	1.00	0.00
11.38	18.91	2.00	0.00	1.00	0.00	11.40	18.89	2.00	0.00	1.00	0.00
11.42	18.90	2.00	0.00	1.00	0.00	11.44	19.50	2.00	0.00	1.00	0.00
11.46	19.39	2.00	0.00	1.00	0.00	11.48	20.40	2.00	0.00	1.00	0.00
11.50	21.40	2.00	0.00	1.00	0.00	11.52	20.87	2.00	0.00	1.00	0.00
11.54	20.94	2.00	0.00	1.00	0.00	11.56	21.18	2.00	0.00	1.00	0.00
11.58	22.13	2.00	0.00	1.00	0.00	11.60	21.87	2.00	0.00	1.00	0.00
11.62	21.75	2.00	0.00	1.00	0.00	11.64	21.63	2.00	0.00	1.00	0.00
11.66	20.86	2.00	0.00	1.00	0.00	11.68	20.66	2.00	0.00	1.00	0.00
11.70	20.63	2.00	0.00	1.00	0.00	11.72	20.63	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
11.74	20.64	2.00	0.00	1.00	0.00	11.76	21.72	2.00	0.00	1.00	0.00
11.78	21.67	2.00	0.00	1.00	0.00	11.80	21.64	2.00	0.00	1.00	0.00
11.82	21.61	2.00	0.00	1.00	0.00	11.84	21.59	2.00	0.00	1.00	0.00
11.86	21.57	2.00	0.00	1.00	0.00	11.88	21.56	2.00	0.00	1.00	0.00
11.90	21.93	2.00	0.00	1.00	0.00	11.92	22.61	2.00	0.00	1.00	0.00
11.94	22.72	2.00	0.00	1.00	0.00	11.96	22.92	2.00	0.00	1.00	0.00
11.98	22.38	2.00	0.00	1.00	0.00	12.00	20.68	2.00	0.00	1.00	0.00
12.02	18.36	2.00	0.00	1.00	0.00	12.04	16.16	2.00	0.00	1.00	0.00
12.06	14.89	2.00	0.00	1.00	0.00	12.08	12.39	2.00	0.00	1.00	0.00
12.10	10.76	2.00	0.00	1.00	0.00	12.12	10.35	2.00	0.00	1.00	0.00
12.14	10.14	2.00	0.00	1.00	0.00	12.16	10.10	2.00	0.00	1.00	0.00
12.18	10.09	2.00	0.00	1.00	0.00	12.20	10.08	2.00	0.00	1.00	0.00
12.22	10.12	2.00	0.00	1.00	0.00	12.24	10.24	2.00	0.00	1.00	0.00
12.26	10.84	2.00	0.00	1.00	0.00	12.28	16.35	2.00	0.00	1.00	0.00
12.30	14.60	2.00	0.00	1.00	0.00	12.32	14.03	2.00	0.00	1.00	0.00
12.34	13.49	2.00	0.00	1.00	0.00	12.36	12.67	2.00	0.00	1.00	0.00
12.38	12.12	2.00	0.00	1.00	0.00	12.40	11.33	2.00	0.00	1.00	0.00
12.42	11.07	2.00	0.00	1.00	0.00	12.44	11.03	2.00	0.00	1.00	0.00
12.46	10.98	2.00	0.00	1.00	0.00	12.48	10.99	2.00	0.00	1.00	0.00
12.50	10.91	2.00	0.00	1.00	0.00	12.52	11.06	2.00	0.00	1.00	0.00
12.54	10.46	2.00	0.00	1.00	0.00	12.56	10.36	2.00	0.00	1.00	0.00
12.58	9.89	2.00	0.00	1.00	0.00	12.60	9.89	2.00	0.00	1.00	0.00
12.62	9.88	2.00	0.00	1.00	0.00	12.64	9.87	2.00	0.00	1.00	0.00
12.66	9.90	2.00	0.00	1.00	0.00	12.68	10.27	2.00	0.00	1.00	0.00
12.70	11.00	2.00	0.00	1.00	0.00	12.72	11.66	2.00	0.00	1.00	0.00
12.74	11.38	2.00	0.00	1.00	0.00	12.76	11.30	2.00	0.00	1.00	0.00
12.78	11.23	2.00	0.00	1.00	0.00	12.80	11.22	2.00	0.00	1.00	0.00
12.82	11.15	2.00	0.00	1.00	0.00	12.84	11.05	2.00	0.00	1.00	0.00
12.86	11.03	2.00	0.00	1.00	0.00	12.88	11.01	2.00	0.00	1.00	0.00
12.90	11.00	2.00	0.00	1.00	0.00	12.92	11.00	2.00	0.00	1.00	0.00
12.94	10.99	2.00	0.00	1.00	0.00	12.96	11.03	2.00	0.00	1.00	0.00
12.98	11.21	2.00	0.00	1.00	0.00	13.00	12.20	2.00	0.00	1.00	0.00
13.02	12.46	2.00	0.00	1.00	0.00	13.04	13.36	2.00	0.00	1.00	0.00
13.06	14.25	2.00	0.00	1.00	0.00	13.08	14.65	2.00	0.00	1.00	0.00
13.10	15.27	2.00	0.00	1.00	0.00	13.12	15.84	2.00	0.00	1.00	0.00
13.14	16.24	2.00	0.00	1.00	0.00	13.16	16.40	2.00	0.00	1.00	0.00
13.18	16.82	2.00	0.00	1.00	0.00	13.20	16.49	2.00	0.00	1.00	0.00
13.22	16.59	2.00	0.00	1.00	0.00	13.24	16.48	2.00	0.00	1.00	0.00
13.26	16.53	2.00	0.00	1.00	0.00	13.28	17.06	2.00	0.00	1.00	0.00
13.30	17.49	2.00	0.00	1.00	0.00	13.32	17.61	2.00	0.00	1.00	0.00
13.34	17.48	2.00	0.00	1.00	0.00	13.36	17.35	2.00	0.00	1.00	0.00
13.38	17.31	2.00	0.00	1.00	0.00	13.40	16.62	2.00	0.00	1.00	0.00
13.42	15.73	2.00	0.00	1.00	0.00	13.44	14.84	2.00	0.00	1.00	0.00
13.46	13.96	2.00	0.00	1.00	0.00	13.48	13.52	2.00	0.00	1.00	0.00
13.50	12.56	2.00	0.00	1.00	0.00	13.52	12.15	2.00	0.00	1.00	0.00
13.54	12.17	2.00	0.00	1.00	0.00	13.56	12.04	2.00	0.00	1.00	0.00
13.58	12.00	2.00	0.00	1.00	0.00	13.60	11.94	2.00	0.00	1.00	0.00
13.62	11.57	2.00	0.00	1.00	0.00	13.64	11.47	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
13.66	11.36	2.00	0.00	1.00	0.00	13.68	11.35	2.00	0.00	1.00	0.00
13.70	11.34	2.00	0.00	1.00	0.00	13.72	11.35	2.00	0.00	1.00	0.00
13.74	11.37	2.00	0.00	1.00	0.00	13.76	11.48	2.00	0.00	1.00	0.00
13.78	11.51	2.00	0.00	1.00	0.00	13.80	11.88	2.00	0.00	1.00	0.00
13.82	12.18	2.00	0.00	1.00	0.00	13.84	12.27	2.00	0.00	1.00	0.00
13.86	12.27	2.00	0.00	1.00	0.00	13.88	12.26	2.00	0.00	1.00	0.00
13.90	12.49	2.00	0.00	1.00	0.00	13.92	12.96	2.00	0.00	1.00	0.00
13.94	13.16	2.00	0.00	1.00	0.00	13.96	13.17	2.00	0.00	1.00	0.00
13.98	13.39	2.00	0.00	1.00	0.00	14.00	13.33	2.00	0.00	1.00	0.00
14.02	13.25	2.00	0.00	1.00	0.00	14.04	13.24	2.00	0.00	1.00	0.00
14.06	13.18	2.00	0.00	1.00	0.00	14.08	12.97	2.00	0.00	1.00	0.00
14.10	13.07	2.00	0.00	1.00	0.00	14.12	12.88	2.00	0.00	1.00	0.00
14.14	12.65	2.00	0.00	1.00	0.00	14.16	12.63	2.00	0.00	1.00	0.00
14.18	12.62	2.00	0.00	1.00	0.00	14.20	12.61	2.00	0.00	1.00	0.00
14.22	12.60	2.00	0.00	1.00	0.00	14.24	12.68	2.00	0.00	1.00	0.00
14.26	12.77	2.00	0.00	1.00	0.00	14.28	12.87	2.00	0.00	1.00	0.00
14.30	13.03	2.00	0.00	1.00	0.00	14.32	12.98	2.00	0.00	1.00	0.00
14.34	12.75	2.00	0.00	1.00	0.00	14.36	12.46	2.00	0.00	1.00	0.00
14.38	12.19	2.00	0.00	1.00	0.00	14.40	11.51	2.00	0.00	1.00	0.00
14.42	11.17	2.00	0.00	1.00	0.00	14.44	10.90	2.00	0.00	1.00	0.00
14.46	10.46	2.00	0.00	1.00	0.00	14.48	10.32	2.00	0.00	1.00	0.00
14.50	10.30	2.00	0.00	1.00	0.00	14.52	10.29	2.00	0.00	1.00	0.00
14.54	10.29	2.00	0.00	1.00	0.00	14.56	10.33	2.00	0.00	1.00	0.00
14.58	10.99	2.00	0.00	1.00	0.00	14.60	11.00	2.00	0.00	1.00	0.00
14.62	10.83	2.00	0.00	1.00	0.00	14.64	10.69	2.00	0.00	1.00	0.00
14.66	10.53	2.00	0.00	1.00	0.00	14.68	10.73	2.00	0.00	1.00	0.00
14.70	10.28	2.00	0.00	1.00	0.00	14.72	10.01	2.00	0.00	1.00	0.00
14.74	10.02	2.00	0.00	1.00	0.00	14.76	9.93	2.00	0.00	1.00	0.00
14.78	10.19	2.00	0.00	1.00	0.00	14.80	9.87	2.00	0.00	1.00	0.00
14.82	9.12	2.00	0.00	1.00	0.00	14.84	8.78	2.00	0.00	1.00	0.00
14.86	8.56	2.00	0.00	1.00	0.00	14.88	8.45	2.00	0.00	1.00	0.00
14.90	8.42	2.00	0.00	1.00	0.00	14.92	8.40	2.00	0.00	1.00	0.00
14.94	8.39	2.00	0.00	1.00	0.00	14.96	8.46	2.00	0.00	1.00	0.00
14.98	8.53	2.00	0.00	1.00	0.00	15.00	8.59	2.00	0.00	1.00	0.00
15.02	9.02	2.00	0.00	1.00	0.00	15.04	9.37	2.00	0.00	1.00	0.00
15.06	9.62	2.00	0.00	1.00	0.00	15.08	9.99	2.00	0.00	1.00	0.00
15.10	9.87	2.00	0.00	1.00	0.00	15.12	9.93	2.00	0.00	1.00	0.00
15.14	9.87	2.00	0.00	1.00	0.00	15.16	9.47	2.00	0.00	1.00	0.00
15.18	9.43	2.00	0.00	1.00	0.00	15.20	9.42	2.00	0.00	1.00	0.00
15.22	9.53	2.00	0.00	1.00	0.00	15.24	9.65	2.00	0.00	1.00	0.00
15.26	9.89	2.00	0.00	1.00	0.00	15.28	10.97	2.00	0.00	1.00	0.00
15.30	10.11	2.00	0.00	1.00	0.00	15.32	9.61	2.00	0.00	1.00	0.00
15.34	9.47	2.00	0.00	1.00	0.00	15.36	9.40	2.00	0.00	1.00	0.00
15.38	9.39	2.00	0.00	1.00	0.00	15.40	9.39	2.00	0.00	1.00	0.00
15.42	9.40	2.00	0.00	1.00	0.00	15.44	9.75	2.00	0.00	1.00	0.00
15.46	10.01	2.00	0.00	1.00	0.00	15.48	10.23	2.00	0.00	1.00	0.00
15.50	11.54	2.00	0.00	1.00	0.00	15.52	13.99	2.00	0.00	1.00	0.00
15.54	15.12	2.00	0.00	1.00	0.00	15.56	14.97	2.00	0.00	1.00	0.00

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

Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
15.58	14.97	2.00	0.00	1.00	0.00	15.60	14.98	2.00	0.00	1.00	0.00
15.62	15.00	2.00	0.00	1.00	0.00	15.64	20.48	2.00	0.00	1.00	0.00
15.66	84.81	0.59	3.79	1.00	0.08	15.68	88.35	0.61	3.64	1.00	0.07
15.70	85.06	0.59	3.78	1.00	0.08	15.72	85.75	0.60	3.75	1.00	0.07
15.74	85.93	0.60	3.74	1.00	0.07	15.76	85.96	0.60	3.74	1.00	0.07
15.78	86.35	0.60	3.72	1.00	0.07	15.80	89.61	0.62	3.59	1.00	0.07
15.82	25.67	2.00	0.00	1.00	0.00	15.84	21.00	2.00	0.00	1.00	0.00
15.86	18.63	2.00	0.00	1.00	0.00	15.88	18.53	2.00	0.00	1.00	0.00
15.90	19.03	2.00	0.00	1.00	0.00	15.92	18.04	2.00	0.00	1.00	0.00
15.94	18.04	2.00	0.00	1.00	0.00	15.96	18.04	2.00	0.00	1.00	0.00
15.98	18.37	2.00	0.00	1.00	0.00	16.00	19.19	2.00	0.00	1.00	0.00
16.02	20.88	2.00	0.00	1.00	0.00	16.04	23.95	2.00	0.00	1.00	0.00
16.06	23.83	2.00	0.00	1.00	0.00	16.08	20.40	2.00	0.00	1.00	0.00
16.10	18.36	2.00	0.00	1.00	0.00	16.12	17.22	2.00	0.00	1.00	0.00
16.14	16.88	2.00	0.00	1.00	0.00	16.16	16.13	2.00	0.00	1.00	0.00
16.18	15.29	2.00	0.00	1.00	0.00	16.20	14.88	2.00	0.00	1.00	0.00
16.22	14.82	2.00	0.00	1.00	0.00	16.24	14.76	2.00	0.00	1.00	0.00
16.26	14.81	2.00	0.00	1.00	0.00	16.28	14.72	2.00	0.00	1.00	0.00
16.30	13.48	2.00	0.00	1.00	0.00	16.32	12.92	2.00	0.00	1.00	0.00
16.34	12.88	2.00	0.00	1.00	0.00	16.36	12.87	2.00	0.00	1.00	0.00
16.38	12.90	2.00	0.00	1.00	0.00	16.40	12.93	2.00	0.00	1.00	0.00
16.42	13.31	2.00	0.00	1.00	0.00	16.44	15.69	2.00	0.00	1.00	0.00
16.46	18.94	2.00	0.00	1.00	0.00	16.48	20.12	2.00	0.00	1.00	0.00
16.50	17.72	2.00	0.00	1.00	0.00	16.52	15.22	2.00	0.00	1.00	0.00
16.54	14.38	2.00	0.00	1.00	0.00	16.56	13.53	2.00	0.00	1.00	0.00
16.58	14.06	2.00	0.00	1.00	0.00	16.60	13.51	2.00	0.00	1.00	0.00
16.62	12.70	2.00	0.00	1.00	0.00	16.64	12.17	2.00	0.00	1.00	0.00
16.66	11.28	2.00	0.00	1.00	0.00	16.68	11.01	2.00	0.00	1.00	0.00
16.70	10.87	2.00	0.00	1.00	0.00	16.72	10.85	2.00	0.00	1.00	0.00
16.74	10.85	2.00	0.00	1.00	0.00	16.76	10.85	2.00	0.00	1.00	0.00
16.78	10.87	2.00	0.00	1.00	0.00	16.80	11.35	2.00	0.00	1.00	0.00
16.82	11.34	2.00	0.00	1.00	0.00	16.84	11.24	2.00	0.00	1.00	0.00
16.86	11.03	2.00	0.00	1.00	0.00	16.88	10.88	2.00	0.00	1.00	0.00
16.90	10.74	2.00	0.00	1.00	0.00	16.92	10.55	2.00	0.00	1.00	0.00
16.94	10.36	2.00	0.00	1.00	0.00	16.96	10.55	2.00	0.00	1.00	0.00
16.98	10.33	2.00	0.00	1.00	0.00	17.00	10.12	2.00	0.00	1.00	0.00
17.02	9.74	2.00	0.00	1.00	0.00	17.04	9.53	2.00	0.00	1.00	0.00
17.06	9.16	2.00	0.00	1.00	0.00	17.08	9.15	2.00	0.00	1.00	0.00
17.10	9.20	2.00	0.00	1.00	0.00	17.12	9.12	2.00	0.00	1.00	0.00
17.14	9.03	2.00	0.00	1.00	0.00	17.16	9.03	2.00	0.00	1.00	0.00
17.18	9.03	2.00	0.00	1.00	0.00	17.20	9.03	2.00	0.00	1.00	0.00
17.22	9.07	2.00	0.00	1.00	0.00	17.24	9.14	2.00	0.00	1.00	0.00
17.26	9.14	2.00	0.00	1.00	0.00	17.28	9.15	2.00	0.00	1.00	0.00
17.30	8.81	2.00	0.00	1.00	0.00	17.32	8.80	2.00	0.00	1.00	0.00
17.34	8.79	2.00	0.00	1.00	0.00	17.36	8.78	2.00	0.00	1.00	0.00
17.38	8.86	2.00	0.00	1.00	0.00	17.40	8.94	2.00	0.00	1.00	0.00
17.42	8.85	2.00	0.00	1.00	0.00	17.44	8.92	2.00	0.00	1.00	0.00
17.46	8.96	2.00	0.00	1.00	0.00	17.48	9.16	2.00	0.00	1.00	0.00

:: Post-earthquake settlement due to soil liquefaction :: (continued)											
Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)	Depth (m)	q _{c1N,cs}	FS	e _v (%)	DF	Settlement (cm)
17.50	9.19	2.00	0.00	1.00	0.00	17.52	9.29	2.00	0.00	1.00	0.00
17.54	9.34	2.00	0.00	1.00	0.00	17.56	9.39	2.00	0.00	1.00	0.00
17.58	9.26	2.00	0.00	1.00	0.00	17.60	9.14	2.00	0.00	1.00	0.00
17.62	9.13	2.00	0.00	1.00	0.00	17.64	9.11	2.00	0.00	1.00	0.00
17.66	9.08	2.00	0.00	1.00	0.00	17.68	9.07	2.00	0.00	1.00	0.00
17.70	9.07	2.00	0.00	1.00	0.00	17.72	9.06	2.00	0.00	1.00	0.00
17.74	9.06	2.00	0.00	1.00	0.00	17.76	9.13	2.00	0.00	1.00	0.00
17.78	9.52	2.00	0.00	1.00	0.00	17.80	9.67	2.00	0.00	1.00	0.00
17.82	9.55	2.00	0.00	1.00	0.00	17.84	9.46	2.00	0.00	1.00	0.00
17.86	9.36	2.00	0.00	1.00	0.00	17.88	9.33	2.00	0.00	1.00	0.00
17.90	9.10	2.00	0.00	1.00	0.00	17.92	8.84	2.00	0.00	1.00	0.00
17.94	8.84	2.00	0.00	1.00	0.00	17.96	8.83	2.00	0.00	1.00	0.00
17.98	8.77	2.00	0.00	1.00	0.00	18.00	8.74	2.00	0.00	1.00	0.00
18.02	8.73	2.00	0.00	1.00	0.00	18.04	8.78	2.00	0.00	1.00	0.00
18.06	8.83	2.00	0.00	1.00	0.00	18.08	9.74	2.00	0.00	1.00	0.00
18.10	10.72	2.00	0.00	1.00	0.00	18.12	13.05	2.00	0.00	1.00	0.00
18.14	14.83	2.00	0.00	1.00	0.00	18.16	16.77	2.00	0.00	1.00	0.00
18.18	17.74	2.00	0.00	1.00	0.00	18.20	16.90	2.00	0.00	1.00	0.00
18.22	15.85	2.00	0.00	1.00	0.00	18.24	15.40	2.00	0.00	1.00	0.00
18.26	14.94	2.00	0.00	1.00	0.00	18.28	15.46	2.00	0.00	1.00	0.00
18.30	13.69	2.00	0.00	1.00	0.00	18.32	12.63	2.00	0.00	1.00	0.00
18.34	12.41	2.00	0.00	1.00	0.00	18.36	12.67	2.00	0.00	1.00	0.00
18.38	11.13	2.00	0.00	1.00	0.00	18.40	10.31	2.00	0.00	1.00	0.00
18.42	10.30	2.00	0.00	1.00	0.00	18.44	10.30	2.00	0.00	1.00	0.00
18.46	9.93	2.00	0.00	1.00	0.00	18.48	9.80	2.00	0.00	1.00	0.00
18.50	9.53	2.00	0.00	1.00	0.00	18.52	9.09	2.00	0.00	1.00	0.00
18.54	9.02	2.00	0.00	1.00	0.00	18.56	9.00	2.00	0.00	1.00	0.00
18.58	8.99	2.00	0.00	1.00	0.00	18.60	8.98	2.00	0.00	1.00	0.00
18.62	8.98	2.00	0.00	1.00	0.00	18.64	8.98	2.00	0.00	1.00	0.00
18.66	8.99	2.00	0.00	1.00	0.00	18.68	9.06	2.00	0.00	1.00	0.00
18.70	8.81	2.00	0.00	1.00	0.00	18.72	8.60	2.00	0.00	1.00	0.00
18.74	8.24	2.00	0.00	1.00	0.00	18.76	8.23	2.00	0.00	1.00	0.00
18.78	8.23	2.00	0.00	1.00	0.00	18.80	8.22	2.00	0.00	1.00	0.00
18.82	8.22	2.00	0.00	1.00	0.00	18.84	8.55	2.00	0.00	1.00	0.00
18.86	8.80	2.00	0.00	1.00	0.00	18.88	9.13	2.00	0.00	1.00	0.00
18.90	9.85	2.00	0.00	1.00	0.00	18.92	10.33	2.00	0.00	1.00	0.00
18.94	10.77	2.00	0.00	1.00	0.00	18.96	10.95	2.00	0.00	1.00	0.00
18.98	11.62	2.00	0.00	1.00	0.00	19.00	11.87	2.00	0.00	1.00	0.00
19.02	12.22	2.00	0.00	1.00	0.00	19.04	12.51	2.00	0.00	1.00	0.00
19.06	12.89	2.00	0.00	1.00	0.00	19.08	13.24	2.00	0.00	1.00	0.00
19.10	13.60	2.00	0.00	1.00	0.00	19.12	14.15	2.00	0.00	1.00	0.00
19.14	14.94	2.00	0.00	1.00	0.00	19.16	15.36	2.00	0.00	1.00	0.00
19.18	15.66	2.00	0.00	1.00	0.00	19.20	16.04	2.00	0.00	1.00	0.00
19.22	15.97	2.00	0.00	1.00	0.00	19.24	15.83	2.00	0.00	1.00	0.00
19.26	15.80	2.00	0.00	1.00	0.00	19.28	15.77	2.00	0.00	1.00	0.00
19.30	15.91	2.00	0.00	1.00	0.00	19.32	15.56	2.00	0.00	1.00	0.00
19.34	15.38	2.00	0.00	1.00	0.00	19.36	15.13	2.00	0.00	1.00	0.00
19.38	14.87	2.00	0.00	1.00	0.00	19.40	14.52	2.00	0.00	1.00	0.00

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

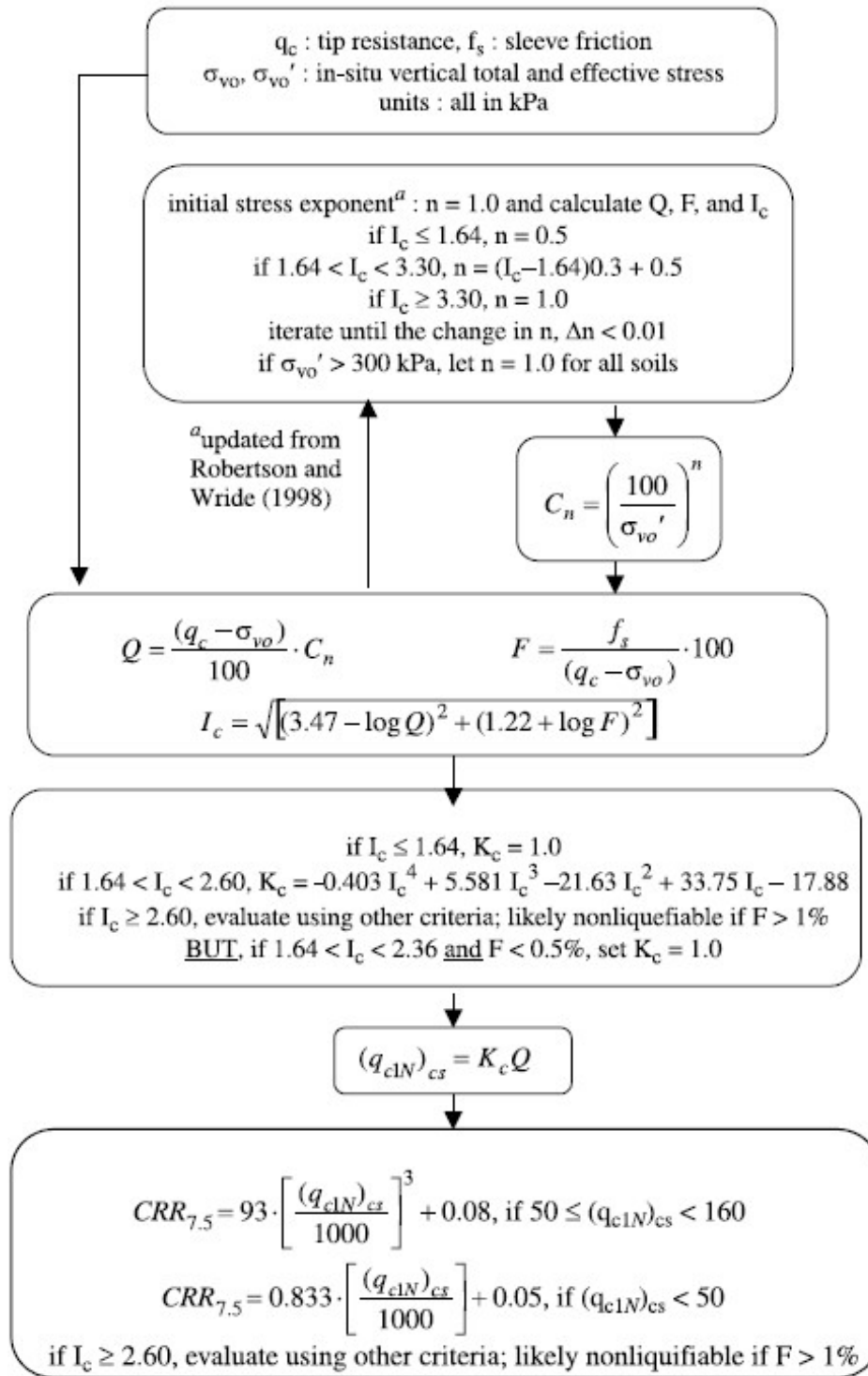
Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)	Depth (m)	$q_{c1N,cs}$	FS	e_v (%)	DF	Settlement (cm)
19.42	14.10	2.00	0.00	1.00	0.00	19.44	14.01	2.00	0.00	1.00	0.00
19.46	14.00	2.00	0.00	1.00	0.00	19.48	13.99	2.00	0.00	1.00	0.00
19.50	13.98	2.00	0.00	1.00	0.00	19.52	14.05	2.00	0.00	1.00	0.00
19.54	14.21	2.00	0.00	1.00	0.00	19.56	14.84	2.00	0.00	1.00	0.00
19.58	14.99	2.00	0.00	1.00	0.00	19.60	15.07	2.00	0.00	1.00	0.00
19.62	14.90	2.00	0.00	1.00	0.00	19.64	14.31	2.00	0.00	1.00	0.00
19.66	13.76	2.00	0.00	1.00	0.00	19.68	13.40	2.00	0.00	1.00	0.00
19.70	13.46	2.00	0.00	1.00	0.00	19.72	13.25	2.00	0.00	1.00	0.00
19.74	13.03	2.00	0.00	1.00	0.00	19.76	12.93	2.00	0.00	1.00	0.00
19.78	13.14	2.00	0.00	1.00	0.00	19.80	12.74	2.00	0.00	1.00	0.00
19.82	12.47	2.00	0.00	1.00	0.00	19.84	12.37	2.00	0.00	1.00	0.00
19.86	12.36	2.00	0.00	1.00	0.00	19.88	12.35	2.00	0.00	1.00	0.00
19.90	12.34	2.00	0.00	1.00	0.00						

Total estimated settlement: 4.07**Abbreviations**

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

Procedure for the evaluation of soil liquefaction resistance, NCEER (1998)

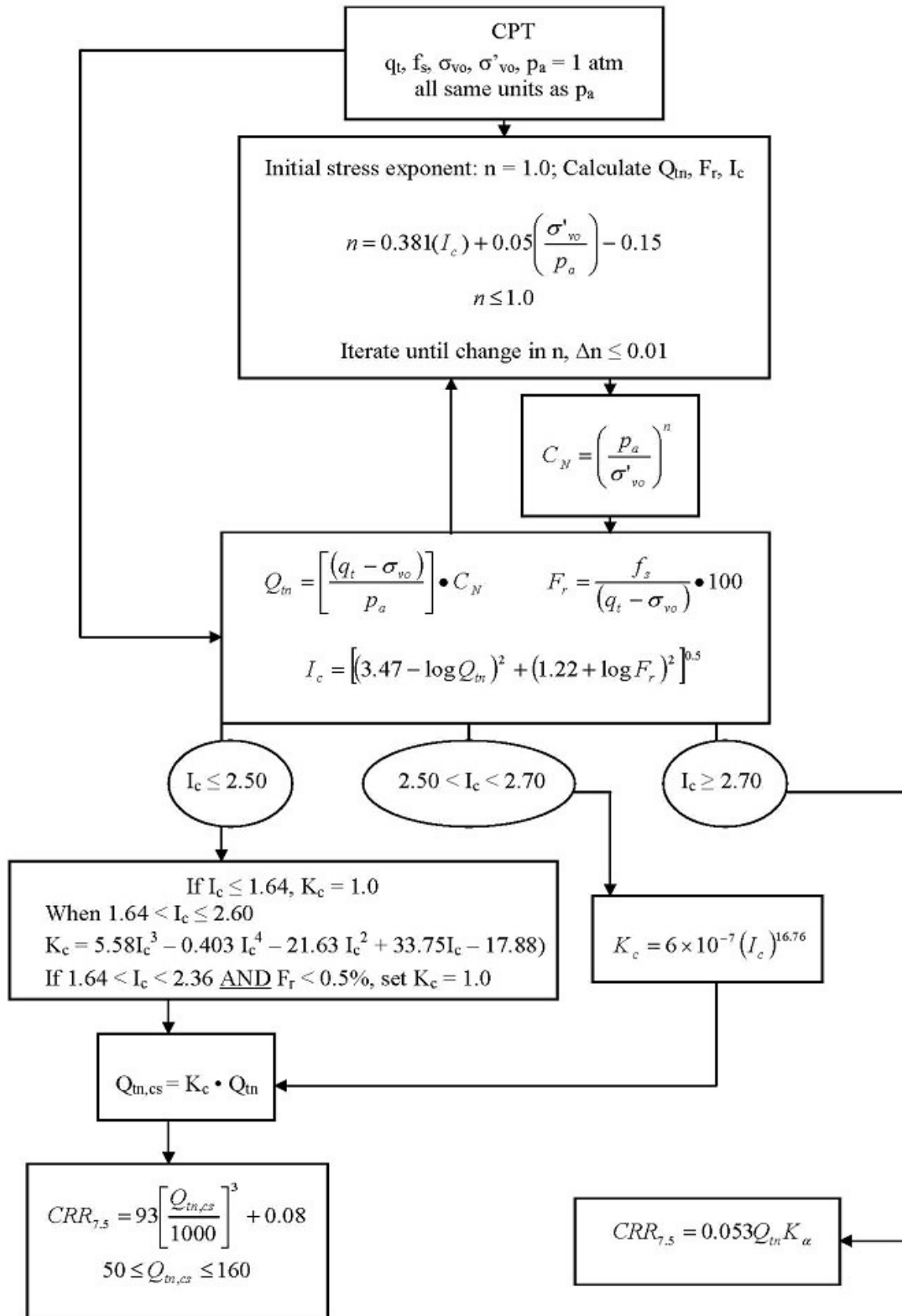
Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. The procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart¹:



¹ "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

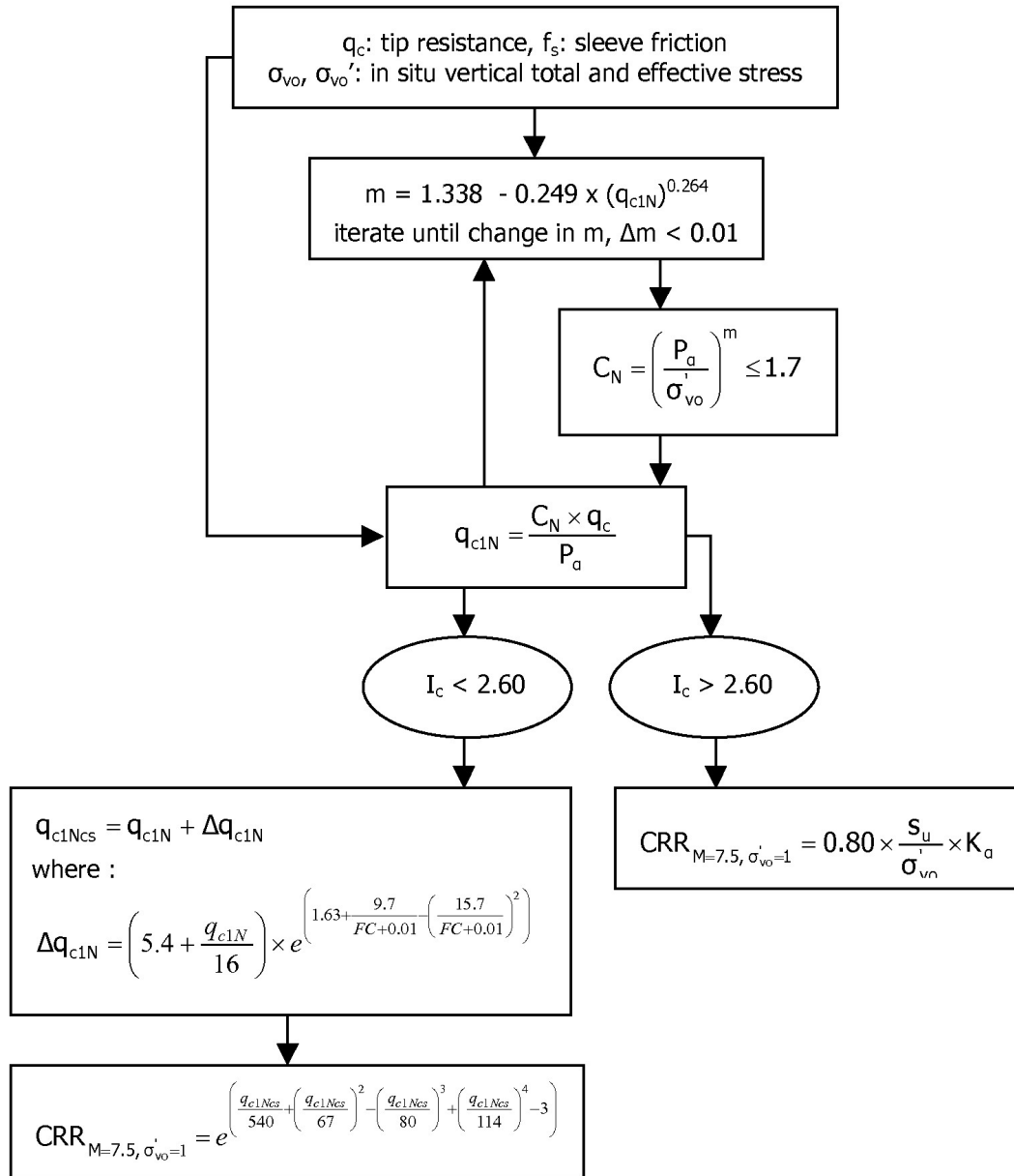
Procedure for the evaluation of soil liquefaction resistance (all soils), Robertson (2010)

Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. This procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart¹:

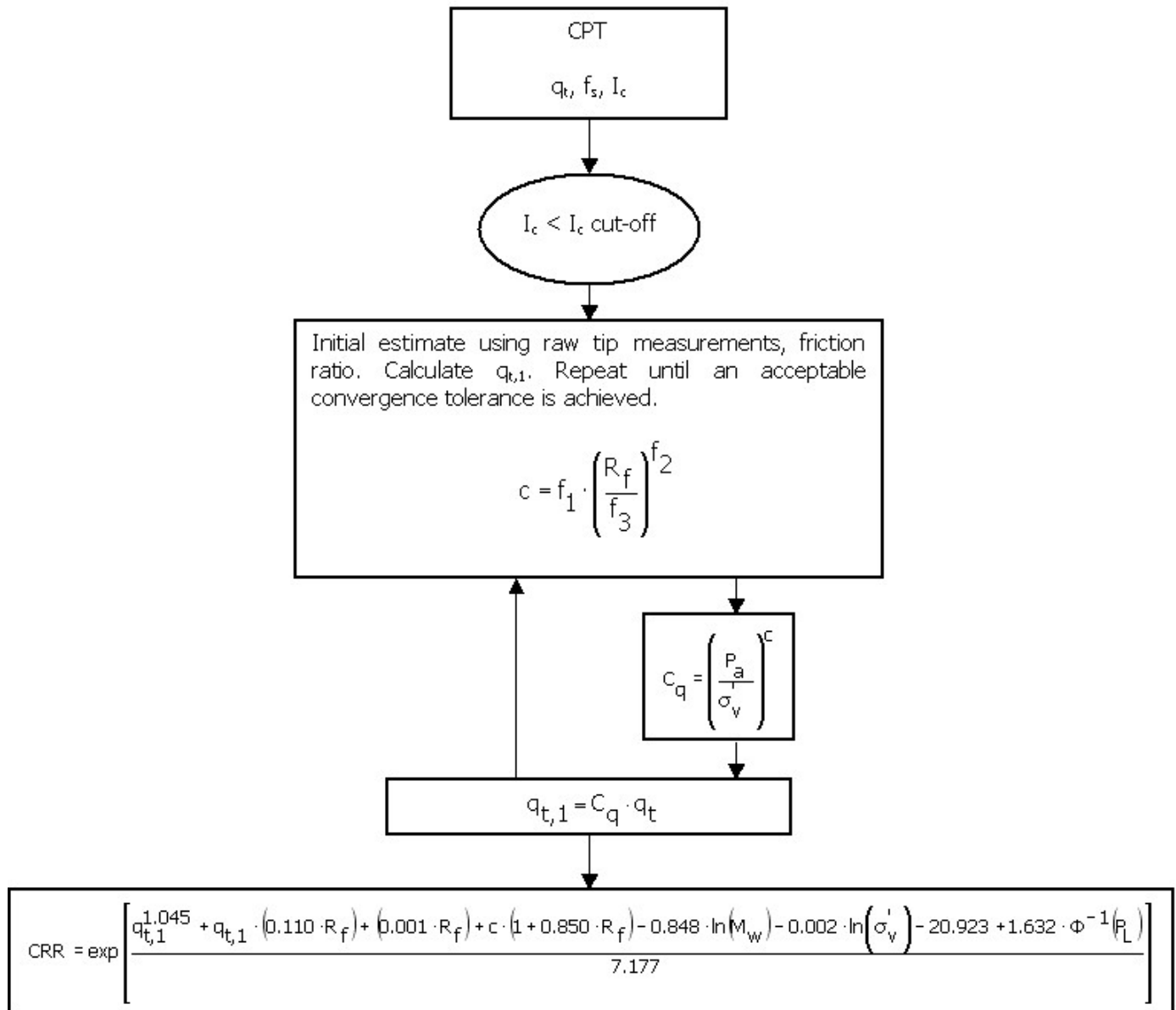


¹ P.K. Robertson, 2009. "Performance based earthquake design using the CPT", Keynote Lecture, International Conference on Performance-based Design in Earthquake Geotechnical Engineering – from case history to practice, IS-Tokyo, June 2009

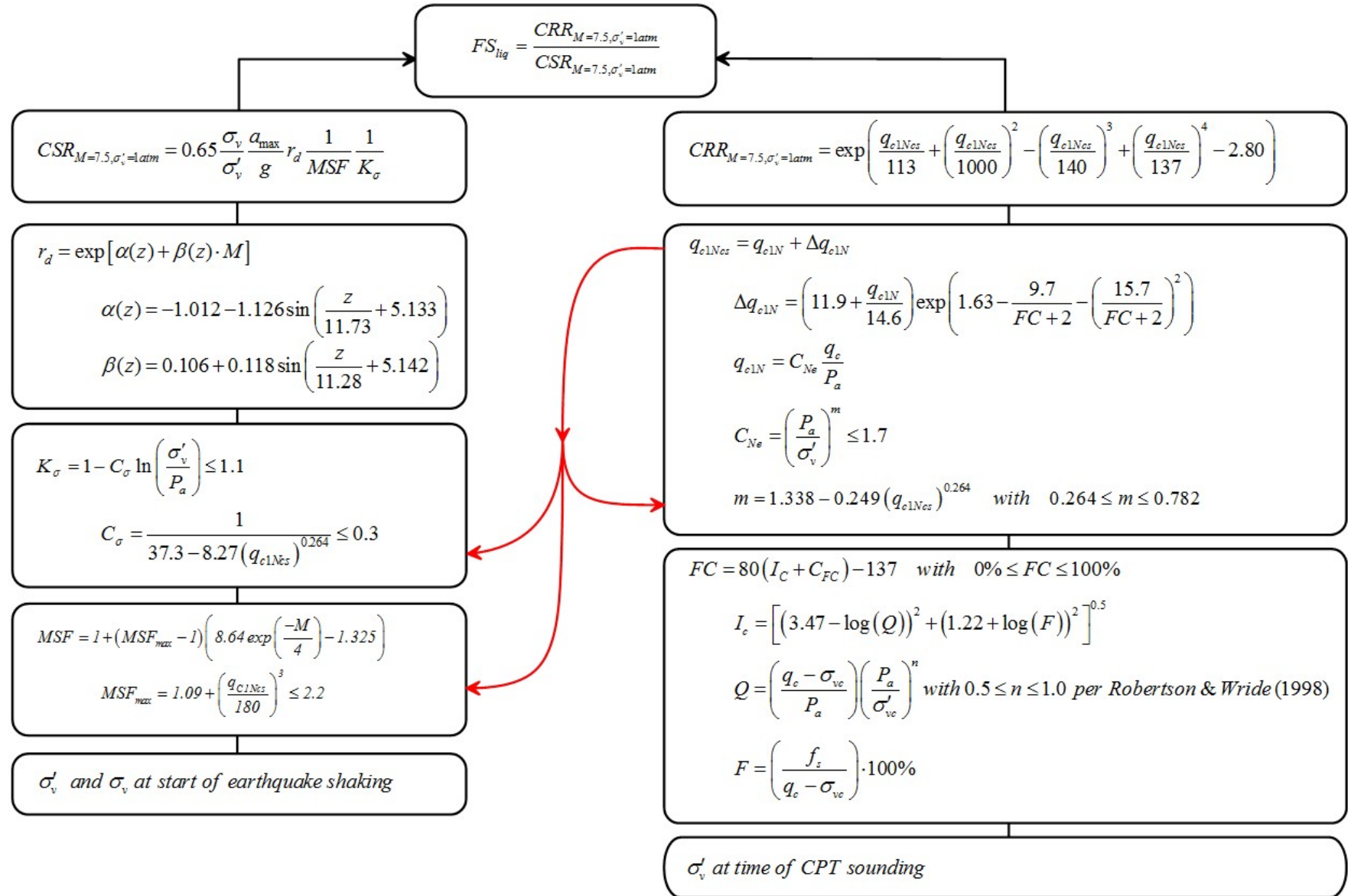
Procedure for the evaluation of soil liquefaction resistance, Idriss & Boulanger (2008)



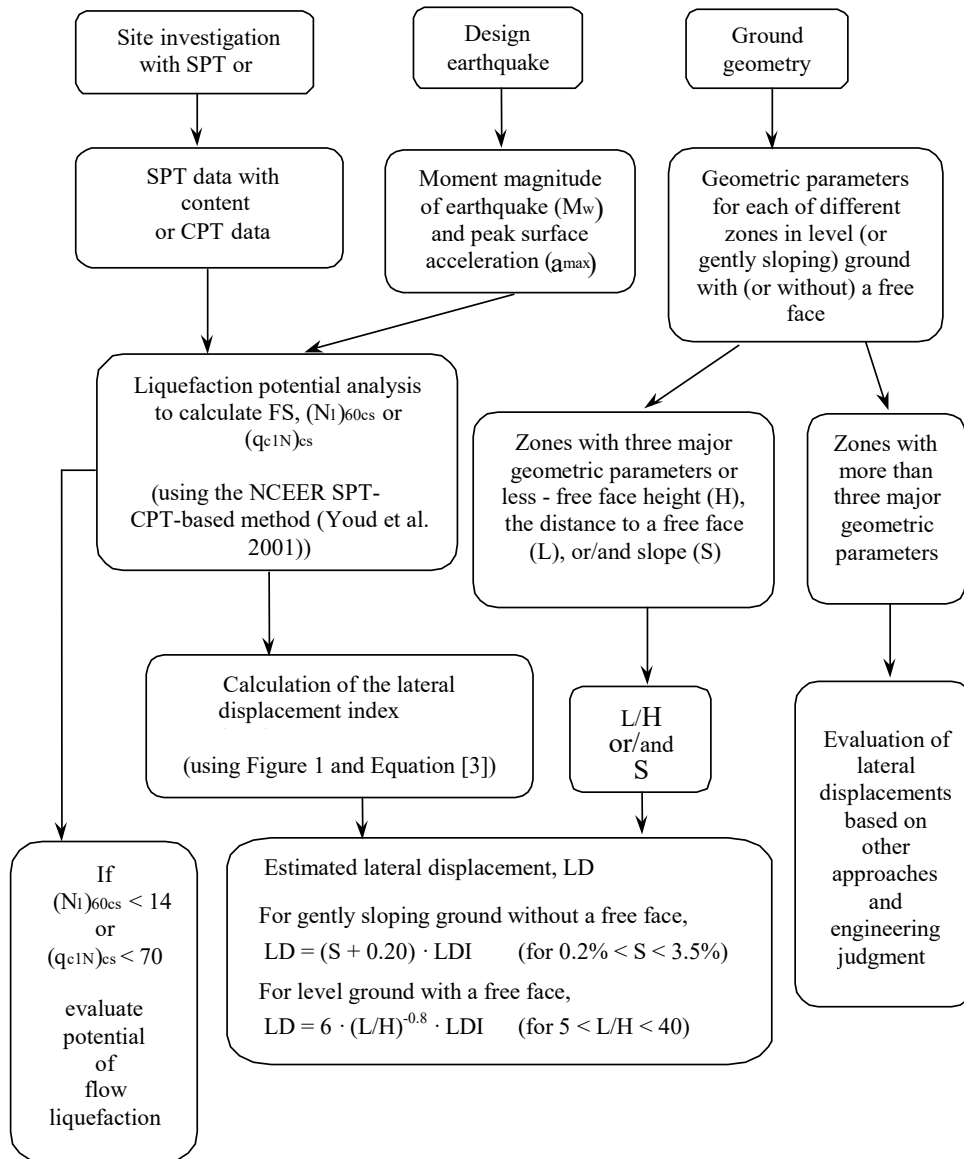
Procedure for the evaluation of soil liquefaction resistance (sandy soils), Moss et al. (2006)



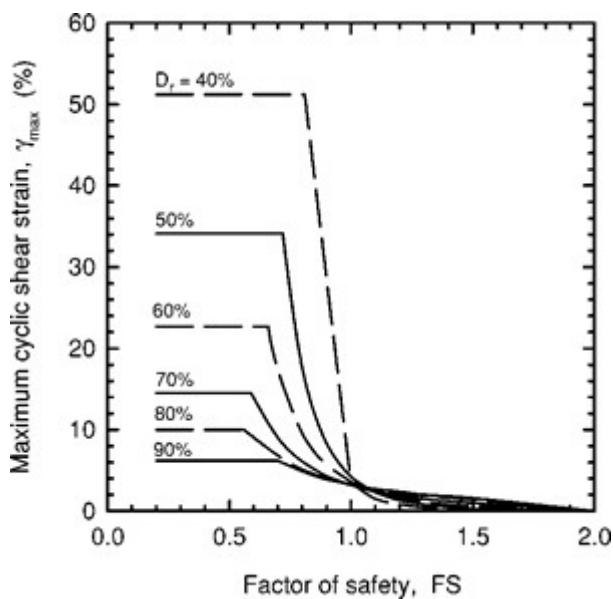
Procedure for the evaluation of soil liquefaction resistance, Boulanger & Idriss(2014)



Procedure for the evaluation of liquefaction-induced lateral spreading displacements



¹ Flow chart illustrating major steps in estimating liquefaction-induced lateral spreading displacements using the proposed approach



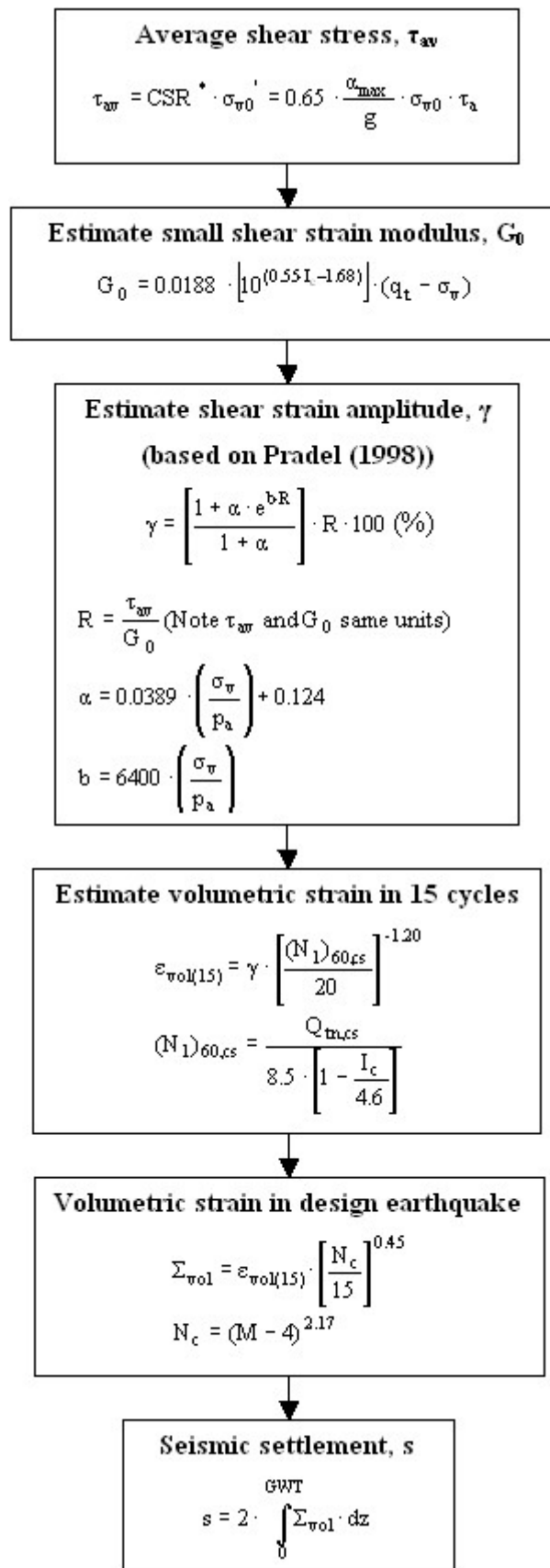
¹ Figure 1

$$LDI = \int_0^{Z_{max}} \gamma_{max} dz$$

¹ Equation [3]

¹ "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

Procedure for the estimation of seismic induced settlements in dry sands



Robertson, P.K. and Lisheng, S., 2010, "Estimation of seismic compression in dry soils using the CPT" FIFTH INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN GEOTECHNICAL EARTHQUAKE ENGINEERING AND SOIL DYNAMICS, Symposium in honor of professor I. M. Idriss, San Diego, CA

Liquefaction Potential Index (LPI) calculation procedure

Calculation of the Liquefaction Potential Index (LPI) is used to interpret the liquefaction assessment calculations in terms of severity over depth. The calculation procedure is based on the methodology developed by Iwasaki (1982) and is adopted by AFPS.

To estimate the severity of liquefaction extent at a given site, LPI is calculated based on the following equation:

$$\mathbf{LPI} = \int_0^{20} (10 - 0,5_z) \times F_L \times d_z$$

where:

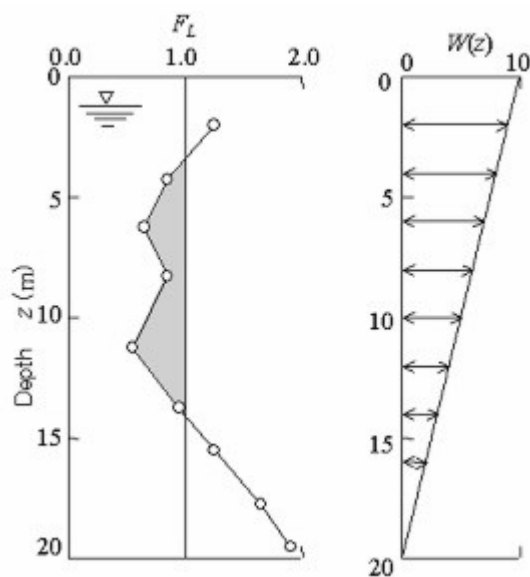
$F_L = 1 - F.S.$ when F.S. less than 1

$F_L = 0$ when F.S. greater than 1

z depth of measurement in meters

Values of LPI range between zero (0) when no test point is characterized as liquefiable and 100 when all points are characterized as susceptible to liquefaction. Iwasaki proposed four (4) discrete categories based on the numeric value of LPI:

- $LPI = 0$: Liquefaction risk is very low
- $0 < LPI \leq 5$: Liquefaction risk is low
- $5 < LPI \leq 15$: Liquefaction risk is high
- $LPI > 15$: Liquefaction risk is very high



Graphical presentation of the LPI calculation procedure

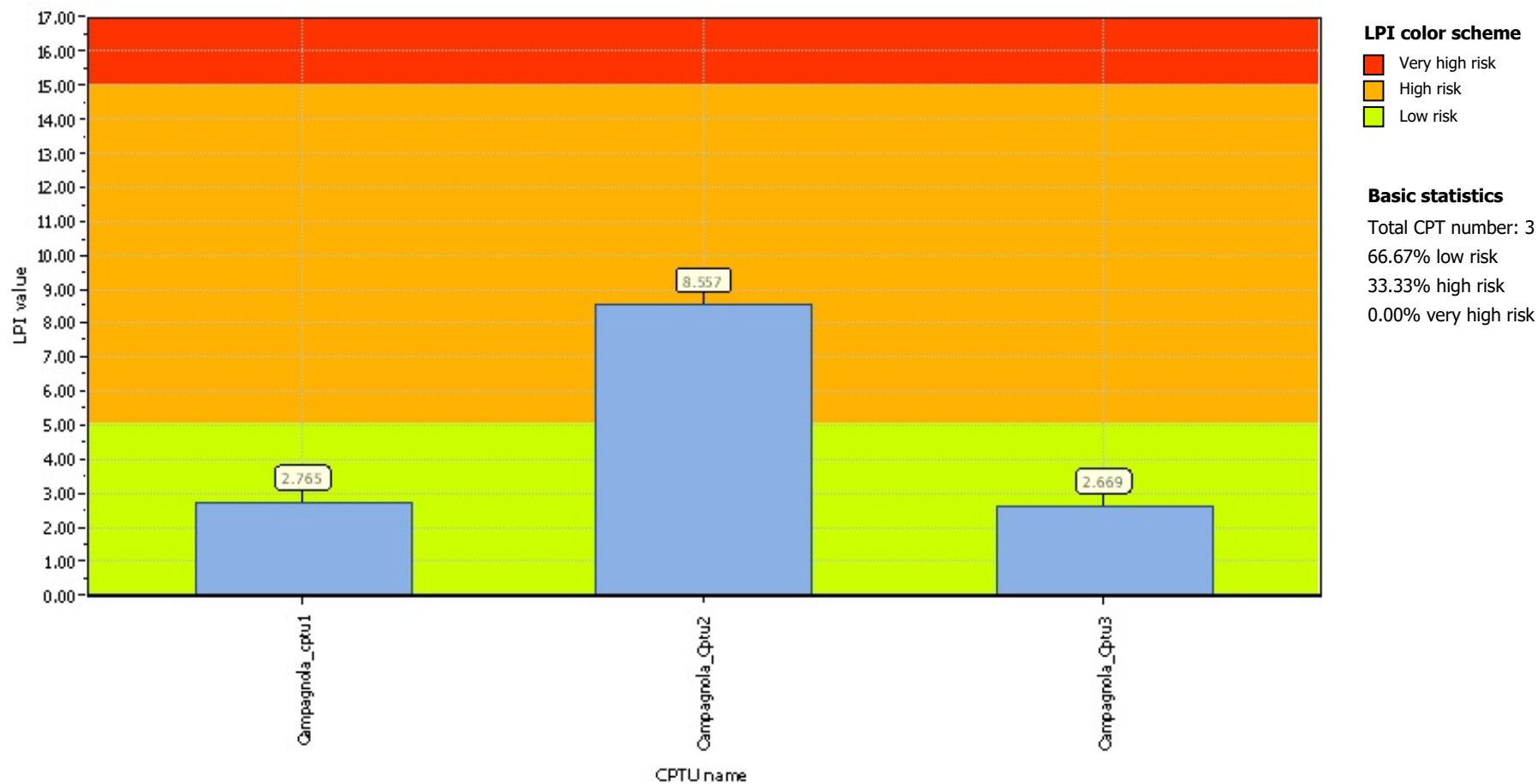
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Project title :

Location :

Overall Liquefaction Potential Index report



Project title :

Location :

Overall vertical settlements report

